MAD

PROJECT ID: 5600-00-60

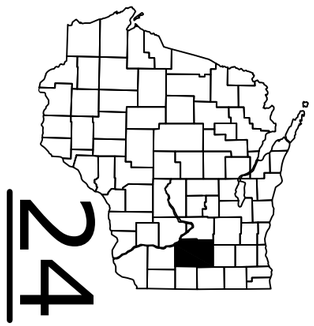
COUNTY: DANE

NOV 2016

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 = 510



24

N

DESIGN DESIGNATION

A.A.D.T.	2016	= 2800
A.A.D.T.	2026	= 3100
D.H.V.		= 391
D.D.		= 59/41
T.		= 5.7%
DESIGN SPEED		= 60 MPH
ESALS		= 460,000

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
- 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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MOUNT HOREB - BLACK EARTH

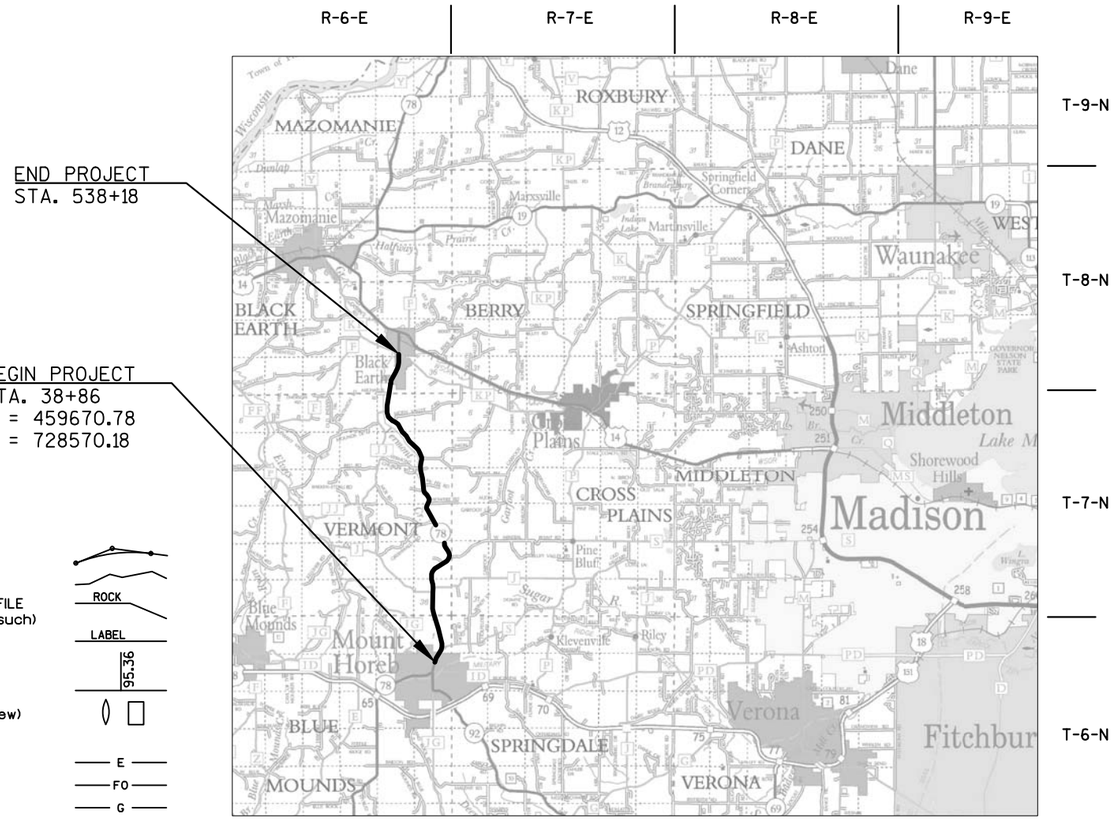
0.2 MI S SUNSET LN TO CTH KP

STH 78

DANE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
	WISC 2016413	1
5600-00-60		

STATE PROJECT NUMBER
5600-00-60



LAYOUT
SCALE 0 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 9.457 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), DANE COUNTY, NAD 83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO NAVD 88 (2012).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SURVEYOR
Designer	CHARLENE BREGAUDIT
Project Manager	AMY COUGHLIN
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	BRENDA SCHOENFELD

APPROVED FOR THE DEPARTMENT

DATE: 7-27-16 Amy Coughlin (Signature)

E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\010101_TI.DWG

PLOT DATE : 7/18/2016 4:22 PM

PLOT BY : BREGAUDIT, CHARLENE PLOT NAME :

WISDOT/CADDS SHEET 10

GENERAL NOTES

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 lb/sy/in.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.

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 NOT SHOWN. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO UTILITIES THAT HAVE FACILITIES IN THE AREA.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

SECTIONS AS SHOWN ON THE CROSS-SECTIONS INCLUDE THE THICKNESS OF TOPSOIL. TOPSOIL SHALL BE AT A 4-INCH MINIMUM DEPTH.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINT, ARE TO BE SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

ESTIMATE QUANTITIES OF SALVAGED TOPSOIL, SEEDING, MULCHING AND FERTILIZER HAVE BEEN COMPUTED BY A DIRECT MEASUREMENT ON THE CROSS-SECTION PLUS FIVE (5) FEET BEYOND THE TOE OF SLOPE.

THE EROSION CONTROL ITEMS SHOWN ON THE PLANS, ARE AT SUGGESTED LOCATIONS. THE ENGINEER SHALL DETERMINE THE EXACT LOCATIONS OF EROSION CONTROL ITEMS. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY, THE PRIME CONTRACTOR IS RESPONSIBLE FOR REMOVING THESE ITEMS WHEN NO LONGER NECESSARY.

NUMBER, LOCATION, AND SPACING OF SIGNS AND DEVICES, AS SHOWN IN THE PLANS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DO NOT DRIVE EQUIPMENT OR STORE EQUIPMENT OR MATERIALS IN WETLANDS OR WATERWAYS.

SILT FENCE IS REQUIRED FOR GRADING FURTHER THAN 5 FT BEYOND THE SHOULDER POINT.

ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL, FERTILIZER, SEEDING AND EROSION MAT.

ABBREVIATIONS

A.D.T	AVERAGE DAILY TRAFFIC
BM	BENCHMARK
BTWN	BETWEEN
C.E.	COMMERCIAL ENTRANCE
CONST.	CONSTRUCTION
CTR.	CENTER
D.D.	DIRECTIONAL DISTRIBUTION
D.H.V.	DESIGN HOURLY VOLUME
DMS	DYNAMIC MESSAGE SIGN
EXIST	EXISTING
GALV.	GALVANIZE
H.S.	HIGH STRENGTH
NB	NORTHBOUND
NOR	NORMAL
P.E.	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
REQ'D	REQUIRED
SB	SOUTHBOUND
SYM	SYMMETRICAL
T.	PERCENT TRUCKS
TYP	TYPICAL
VAR	VARIABLE
W†	WEIGHT

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
SIGN REMOVALS
PERMANENT SIGNING
TRAFFIC CONTROL

DESIGN CONTACTS

PROJECT LEADER
CHARLENE BREGAUDIT
DEPT. OF TRANSPORTATION
2101 WRIGHT ST.
MADISON, WI. 53704
(608) 246-5338

PROJECT MANAGER
AMY COUGHLIN
DEPT. OF TRANSPORTATION
2101 WRIGHT ST.
MADISON, WI. 53704
(608) 245-5358

SURVEY CONTACT

DATA COORDINATOR
JOHN MORAN
DEPT. OF TRANSPORTATION
2101 WRIGHT ST.
MADISON, WI. 53704
(608) 246-5354

WI DEPARTMENT OF NATURAL RECOURCES LIASON

ERIC HEGGELUND
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711-5397
(608) 275-3301
ERIC.HEGGELUND@WISCONSIN.GOV

UTILITY CONTACTS

JASON HOGAN
ALLIANT ENERGY - ELECTRICITY
SUITE 1000
4902 N BILTMORE LANE
MADISON, WI 53718
(608) 458-4871
JASONHOGAN@ALLIANTENERGY.COM

ANTHONY MARCINIAK
ATC MANAGEMENT, INC. - ELECTRICITY
W 234 N 2000 RIDGEVIEW PKWY CT
WAUKESHA, WI 53188
(262) 506-6814
AMARCINIAK@ATCLLC.COM

BRANDON STORM
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2701 DANIELS ST.
MADISON, WI 53718
(608) 274-3822
BRANDON.STORM@CHARTER.COM

TIM STATZ
MADISON GAS AND ELECTRIC COMPANY - GAS/PETROLEUM
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-4727
TSTATZ@MGE.COM

LAUREL GRINDLE-PWD
MOUNT HOREB UTILITIES - WATER
138 E MAIN ST
MOUNT HOREB, WI 53572
(608) 437-3351
LAUREL.GRINDLE@MOUNTHOREBWI.INFO

LAUREL GRINDLE-PWD
MOUNT HOREB UTILITIES - ELECTRICITY
138 E MAIN ST
MOUNT HOREB, WI 53572
(608) 437-3351
LAUREL.GRINDLE@MOUNTHOREBWI.INFO

JERRY MYERS
TDS TELECOM - COMMUNICATION LINE
525 JUNCTION RD
MADISON, WI 53717
(608) 664-4404
JERRY.MYERS@TDSTELECOM.COM

FIELD CONTACT:
DENISE GEVELINGER
ALLIANT ENERGY - ELECTRICITY
2147 CTH PB
VERONA, WI 53593
(608) 845-1129 (OFFICE)
(608) 575-7833 (MOBILE)
DENISEGEVELINGER@ALLIANTENERGY.COM

FIELD CONTACT:
DOUG VOSBERG,
ATC MANAGEMENT, INC. - ELECTRICITY
5303 FEN OAK DRIVE
MADISON, WI 53718
(608) 877-7650
DVOSBERG@ATCLLC.COM

FIELD CONTACT:
STEVE HEGGE
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2701 DANIELS ST.
MADISON, WI 53718
(608) 576-2613
STEVE.HEGGE@CHARTER.COM

FIELD CONTACT:
MIKE SAVAGE
MADISON GAS AND ELECTRIC COMPANY - GAS/PETROLEUM
133 S BLAIR ST.
MADISON, WI 53788
(608) 235-2345
MSAVAGE@MGE.COM

FIELD CONTACT:
DAVID HERFEL
MOUNT HOREB UTILITIES - WATER
138 E MAIN ST
MOUNT HOREB, WI 53572
(608) 437-3300 (OFFICE)
(608) 576-9220 (MOBILE)
DAVE.HERFEL@MOUNTHOREBWI.INFO

FIELD CONTACT:
DAVID HERFEL
MOUNT HOREB UTILITIES - ELECTRICITY
138 E MAIN ST
MOUNT HOREB, WI 53572
(608) 437-3300 (OFFICE)
(608) 576-9220 (MOBILE)
DAVE.HERFEL@MOUNTHOREBWI.INFO

FIELD CONTACT:
SHERA BEST
TDS TELECOM - COMMUNICATION LINE
4001 FELLAND RD, SUITE 108
MADISON, WI 53718
(608) 438-4139
SBEST@MI-TECH.US

ANTHONY DANZ - PWD
VANGUARD ELECTRIC A.K.A.
VILLAGE OF BLACK EARTH -
ELECTRICITY/STREET LIGHTING
1210 MILLS ST
BLACK EARTH, WI 53515
(608) 767-2563 (OFFICE)
(608) 843-0428 (MOBILE)
BEPUBLICWORKS@BLACKEARTHWISCONSIN.COM

ANTHONY DANZ - PWD
VANGUARD ELECTRIC A.K.A.
VILLAGE OF BLACK EARTH -
WATER/SEWER
1210 MILLS ST
BLACK EARTH, WI 53515
(608) 767-2563 (OFFICE)
(608) 843-0428 (MOBILE)
BEPUBLICWORKS@BLACKEARTHWISCONSIN.COM

KEVIN MAYNE, PLANT MANAGER
MOUNT HOREB TELEPHONE COMPANY
COMMUNICATION LINE
200 E MAIN ST
P.O. BOX 65
MOUNT HOREB, WI 53572
(608) 437-5551 (OFFICE)
(608) 516-6801 (MOBILE)
KEVIN.MAYNE@MHTCINC.COM

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

2

END PROJECT
STA 538+18

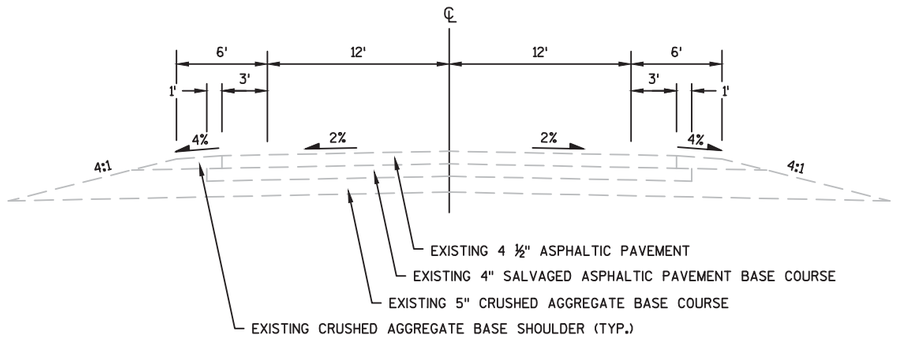
N

BEGIN PROJECT
STA 38+86

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E

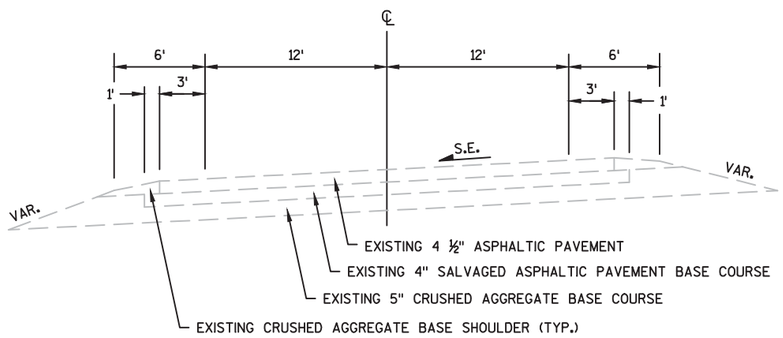
FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\020201_PO.DWG PLOT DATE : 2/29/2016 1:07 PM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 5.379076

WISDOT/CADDS SHEET 42



EXISTING STH 78 RURAL TYPICAL SECTION

STA. 90+00 - STA. 538+18



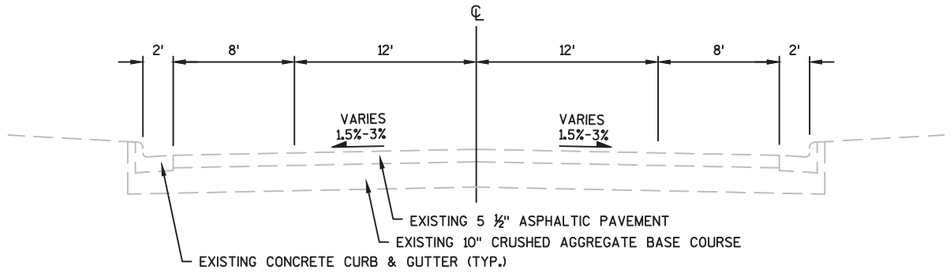
EXISTING STH 78 SUPER ELEVATED SECTION

STA. 90+00 - STA. 538+18

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TYPICAL SECTIONS	SHEET 4	E

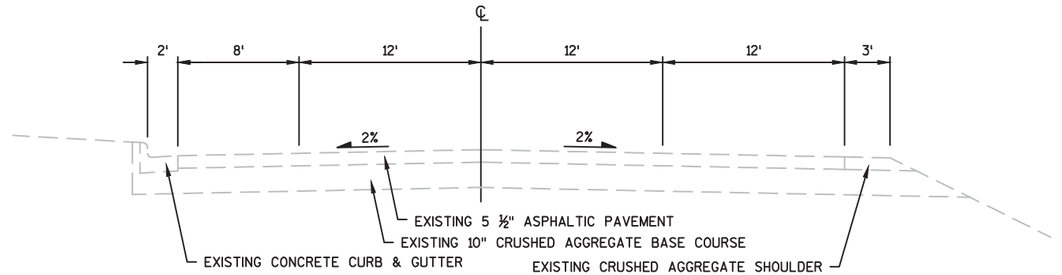
FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\020301_TS.DWG PLOT DATE : 6/3/2016 9:07 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



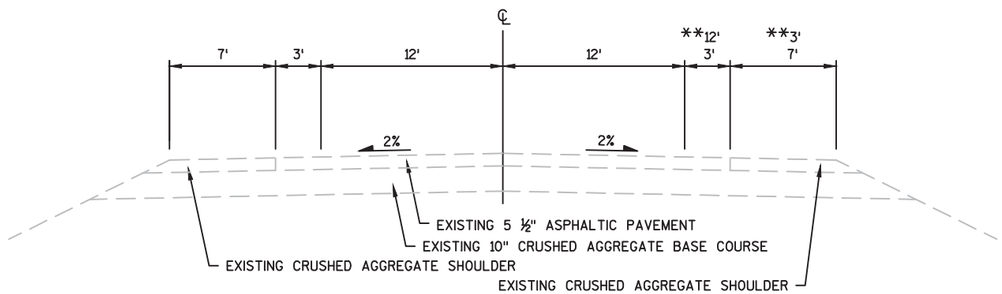
EXISTING STH 78 URBAN TYPICAL SECTION

STA. 38+86 - STA. 65+15
STA. 536+04 - STA. 538+18 LT



EXISTING STH 78 TRANSITIONAL TYPICAL SECTION

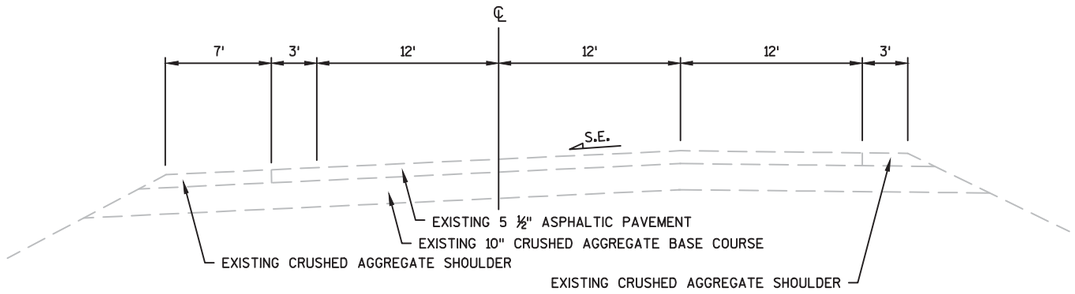
STA. 65+15 LT - STA. 67+93 LT
STA. 65+15 RT - STA. 69+25.09 RT



EXISTING STH 78 RURAL TYPICAL SECTION

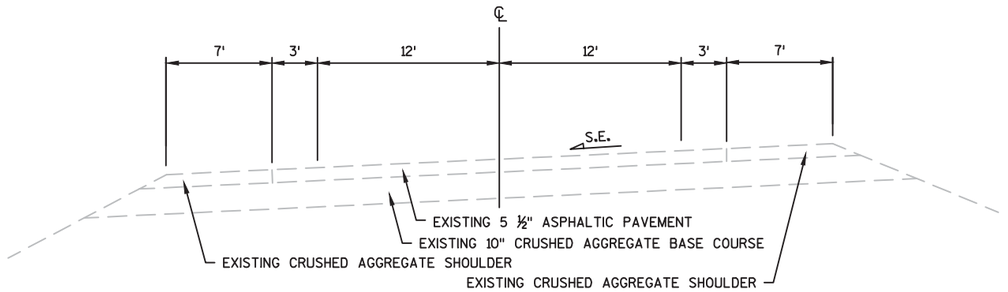
**STA. 67+93 LT. TO - STA. 69+25.09
STA. 81+15.79 TO STA. 90+00

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TYPICAL SECTIONS	SHEET 5	E



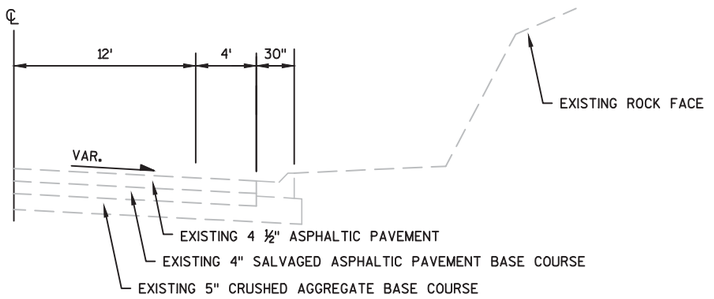
EXISTING STH 78 SUPER ELEVATED SECTION

STA. 69+25.09 - STA. 76+40



EXISTING STH 78 SUPER ELEVATED SECTION

STA. 76+40 - STA. 81+15.79

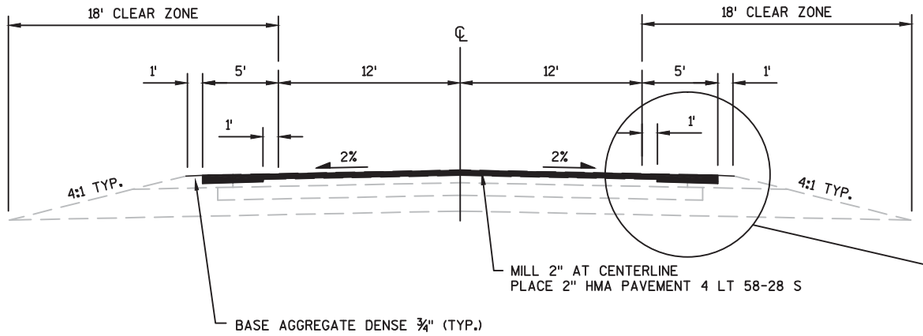


EXISTING STH 78 TYPICAL HALF ROCK SECTION

STA. 171+00 RT - STA. 185+35 RT
STA. 262+53 RT- STA. 266+05 RT
STA. 279+90 RT- STA. 282+72 RT
STA. 292+88 RT- STA. 299+08 RT
STA. 320+79 RT- STA 324+03 RT
STA. 356+04 RT- STA. 361+10 RT
STA. 415+05 RT- STA. 418+60 RT
STA. 470+73 RT- STA. 473+81 RT
STA. 491+50 RT- STA. 498+75 RT

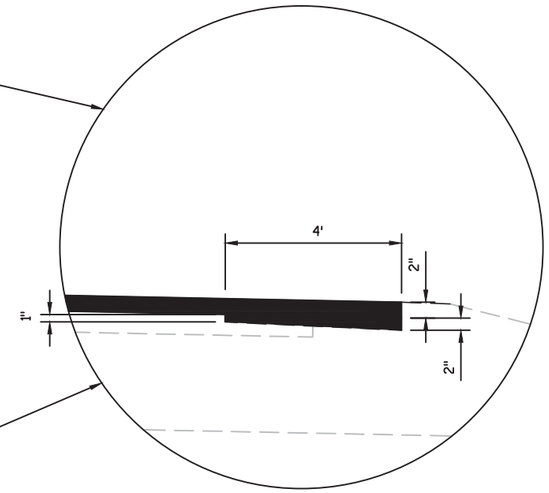
PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TYPICAL SECTIONS	SHEET 6	E

2



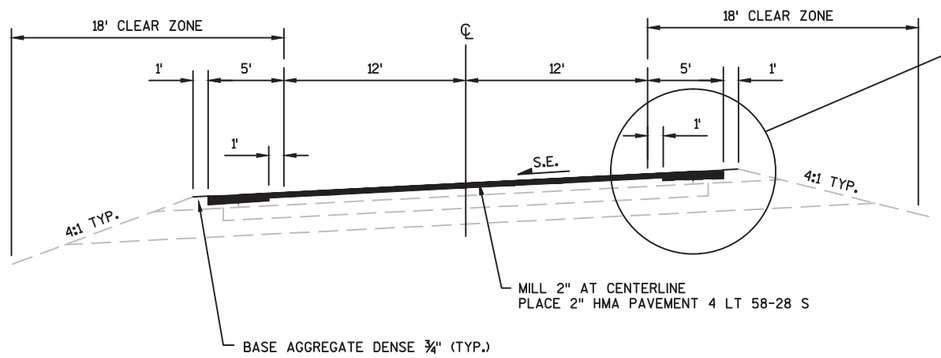
PROPOSED STH 78 RURAL TYPICAL SECTION

STA. 90+00 - STA. 538+18



LEVELING LAYER FOR MILLING

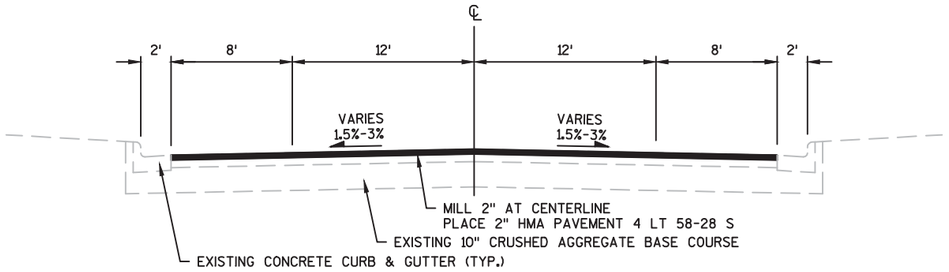
SEE CONSTRUCTION DETAIL STAGING
DETAIL FOR ADDITIONAL INFORMATION



PROPOSED STH 78 SUPER ELEVATED SECTION

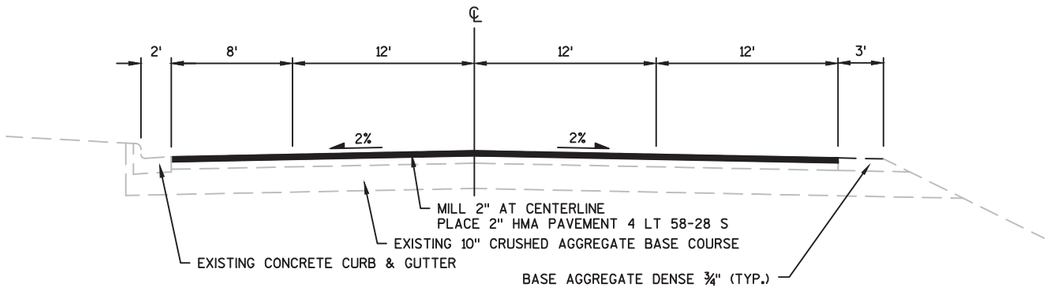
STA. 90+00 - STA. 538+18

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TYPICAL SECTIONS	SHEET 7	E



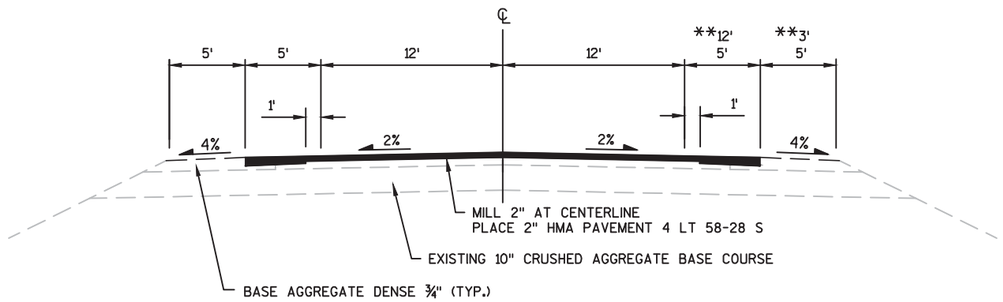
PROPOSED STH 78 URBAN TYPICAL SECTION

STA. 38+86 - STA. 65+15
STA. 536+04 - STA. 538+18 LT



PROPOSED STH 78 TRANSITIONAL TYPICAL SECTION

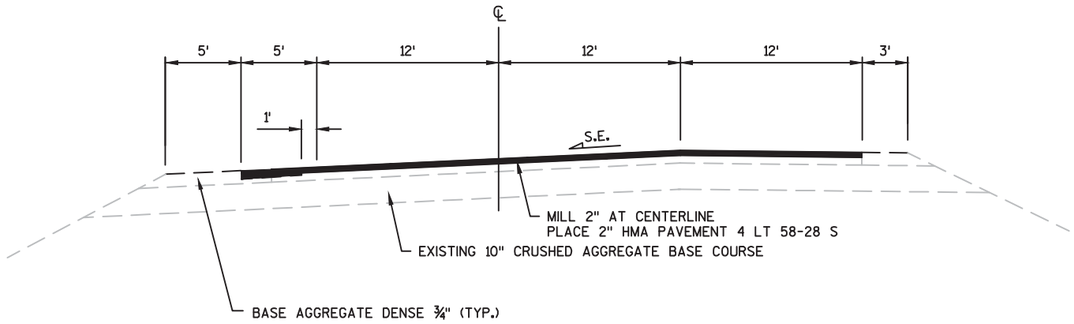
STA. 65+15 LT - STA. 67+93 LT
STA. 65+15 RT - STA. 69+25.09 RT



PROPOSED STH 78 RURAL TYPICAL SECTION

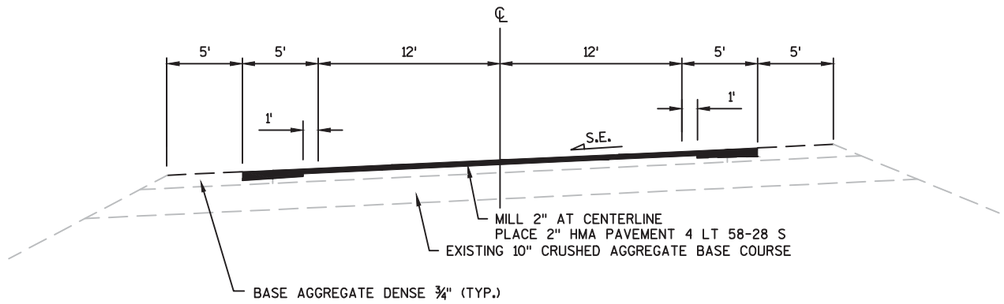
**STA. 67+93 LT. TO - STA. 69+25.09
STA. 81+15.79 TO STA. 90+00

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TYPICAL SECTIONS	SHEET 8	E



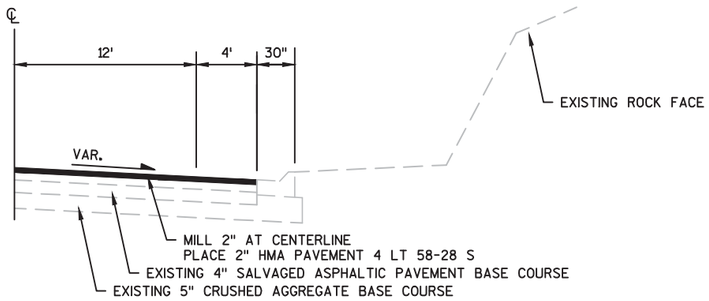
PROPOSED STH 78 SUPER ELEVATED SECTION

STA. 69+25.09 - STA. 76+40



PROPOSED STH 78 SUPER ELEVATED SECTION

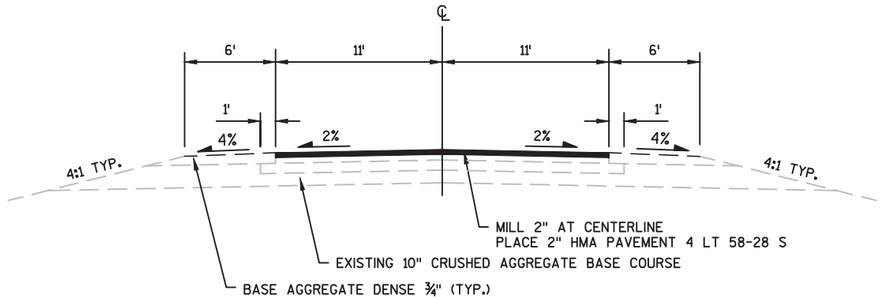
STA. 76+40 - STA. 81+15.79



PROPOSED STH 78 TYPICAL HALF ROCK SECTION

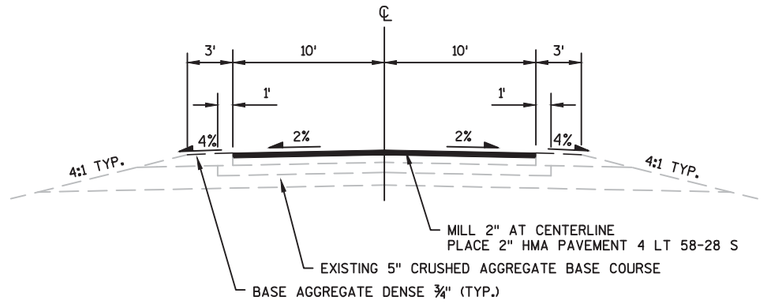
STA. 171+00 RT- STA. 185+35 RT
STA. 262+53 RT- STA. 266+05 RT
STA. 279+90 RT- STA. 282+72 RT
STA. 292+88 RT- STA. 299+08 RT
STA. 320+79 RT- STA 324+03 RT
STA. 356+04 RT- STA. 361+10 RT
STA. 415+05 RT- STA. 418+60 RT
STA. 470+73 RT- STA. 473+81 RT
STA. 491+50 RT- STA. 498+75 RT

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TYPICAL SECTIONS	SHEET 9	E



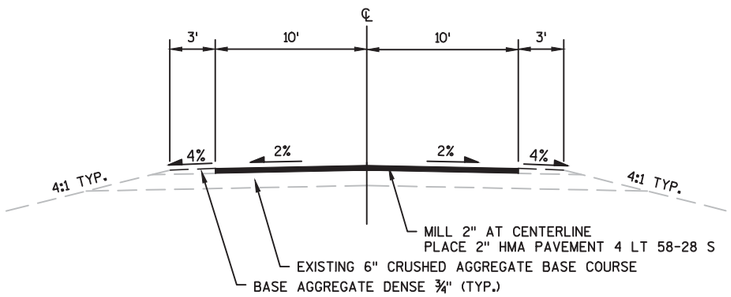
SIDE ROAD TYPICAL SECTION

CTH "JJ"
CTH "J" WEST
CTH "J" EAST
CTH "S"



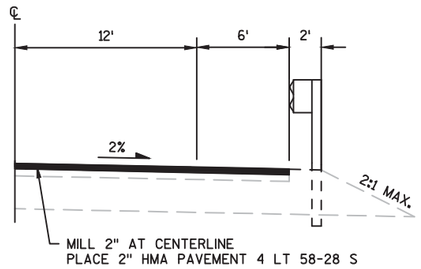
SIDE ROAD TYPICAL SECTION

GREENWALD ROAD
VERMONT CHURCH ROAD
UNION VALLEY ROAD
MOEN VALLEY ROAD
WEST MINERAL POINT ROAD

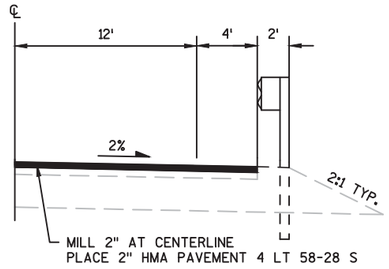


SIDE ROAD TYPICAL SECTION

EVANSON ROAD
TOWN ROAD #1
HOWERY ROAD
WINDY ACRES WAY
McFEE ROAD
TOWN ROAD #2
HAAG ROAD
MICHELIS ROAD



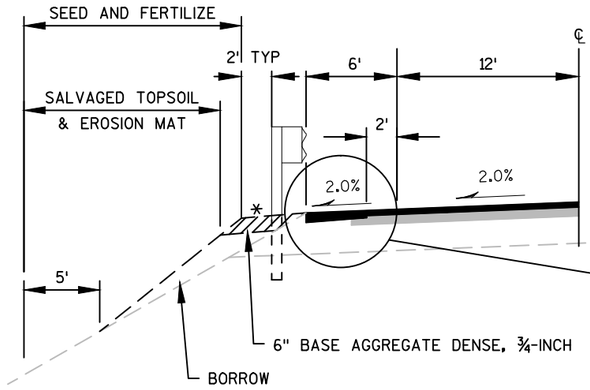
PROPOSED TYPICAL IN EXISTING GUARDRAIL LOCATIONS



PROPOSED MGS GUARDRAIL 3 K WITH 4 FOOT SHOULDER

STA. 198+75 - STA. 198+90 RT
STA. 353+95 - STA. 354+05 RT

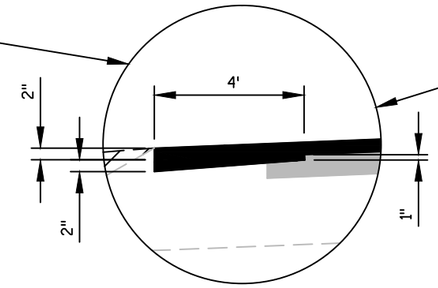
BARRIER SYSTEM GRADING SHAPING FINISHING
SEE MISC QUANTITIES AND CROSS SECTION FOR MORE DETAIL



MGS GUARDRAIL 3

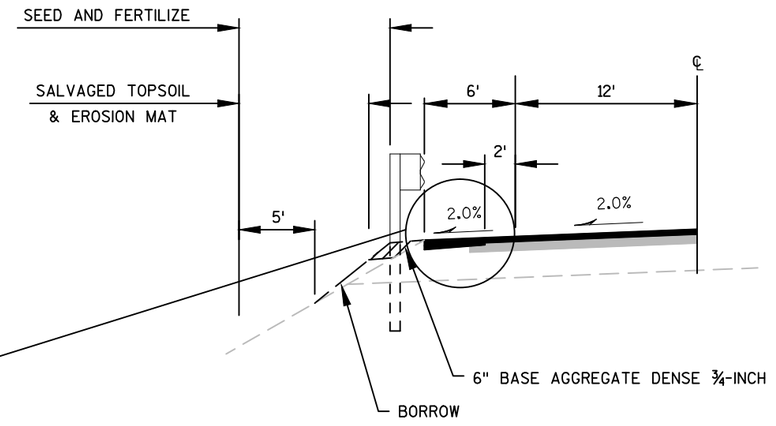
LOCATIONS AND SLOPES SHOWN IN CROSS SECTIONS

* 10:1 SLOPE OR FLATTER



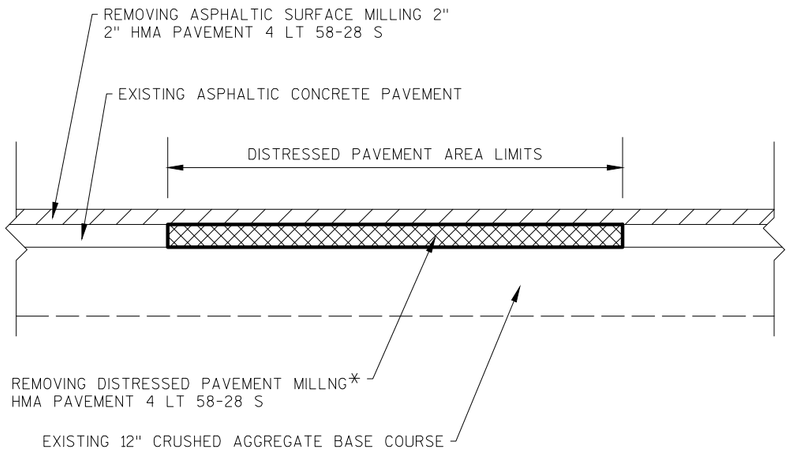
LEVELING LAYER FOR MILLING

BARRIER SYSTEM GRADING SHAPING FINISHING
SEE MISC QUANTITIES AND CROSS SECTION FOR MORE DETAIL



MGS GUARDRAIL 3 K GUARDRAIL

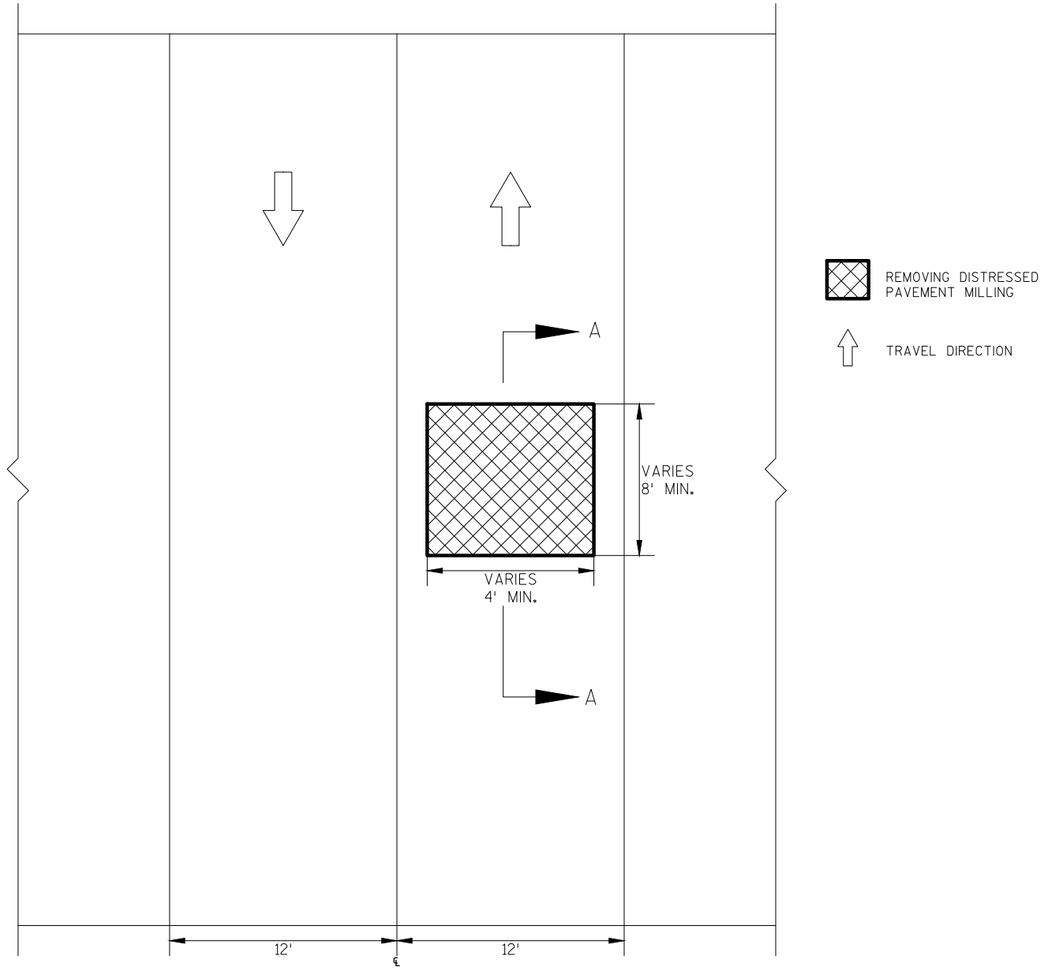
LOCATIONS AND SLOPES SHOWN IN CROSS SECTIONS
SEE STANDARD DETAIL DRAWING



* DEPTH OF MILL AND REPLACE MAY VARY 2.5" +/-

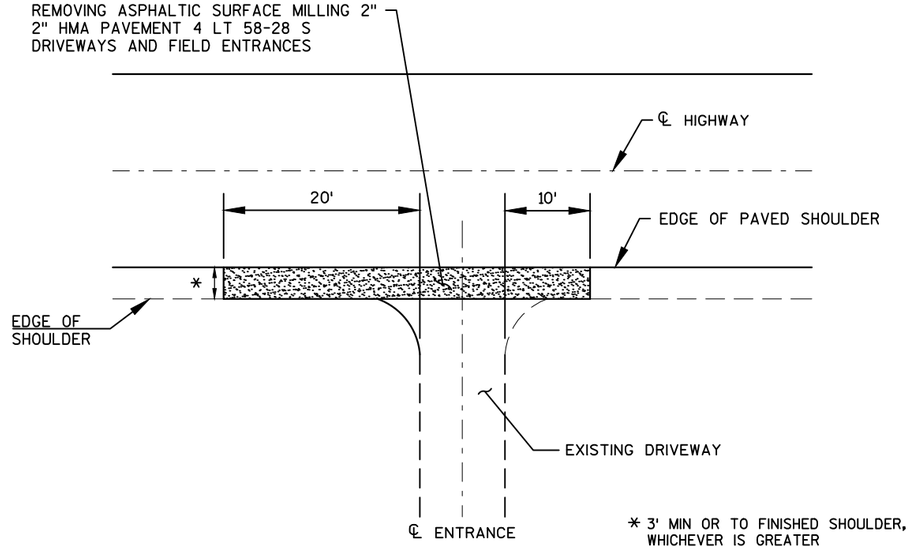
SECTION A-A

SECTION AT DISTRESSED PAVEMENT AREAS

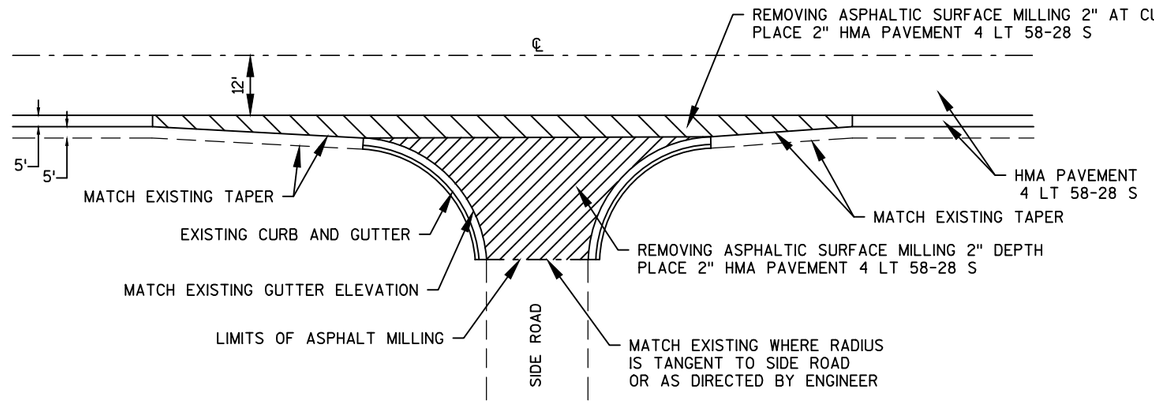


PLAN VIEW

2

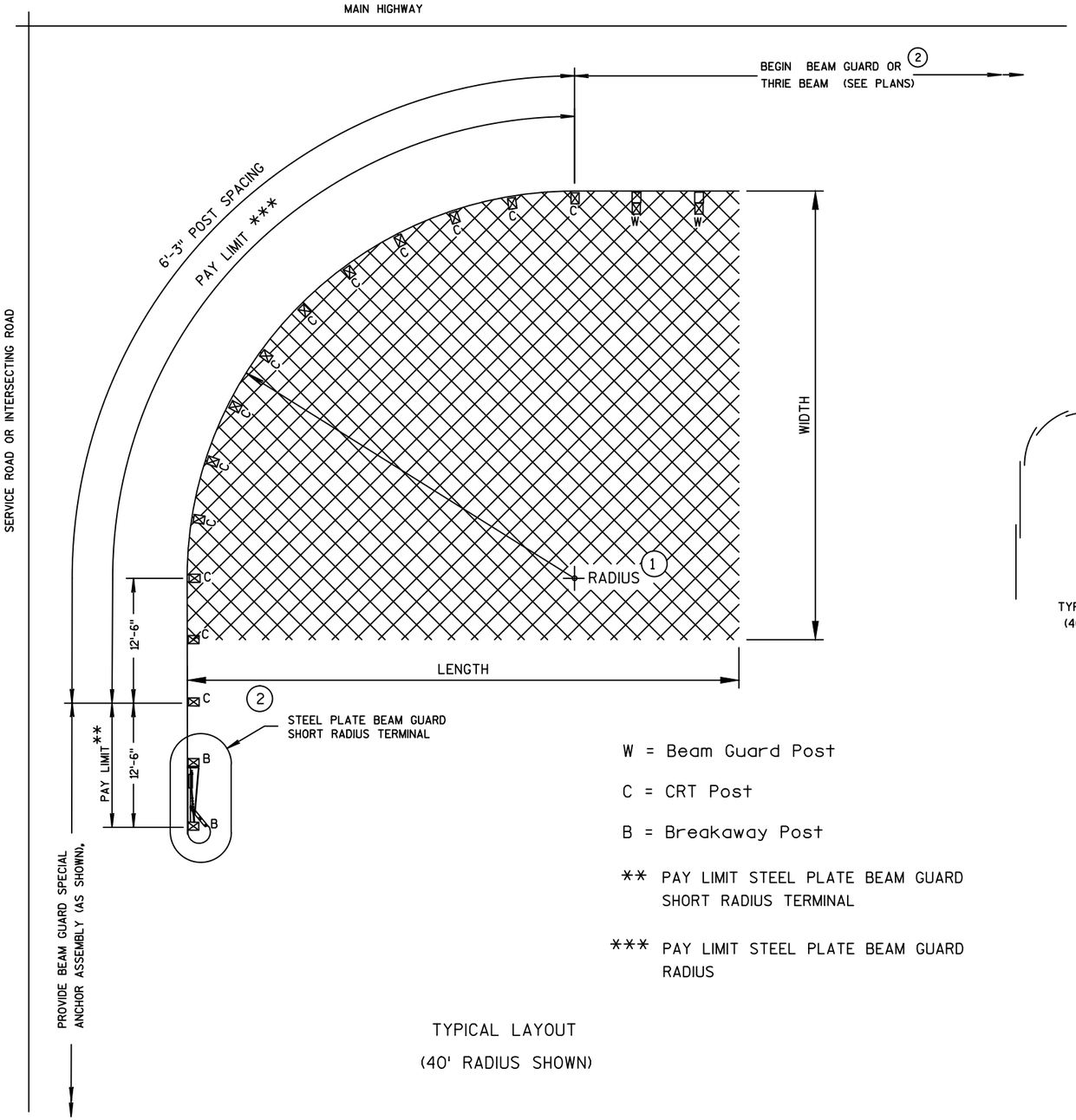


RURAL DRIVEWAY DETAIL



SIDE ROAD PAVING DETAIL

EVANSON ROAD
TOWN ROAD #1
HOWERY ROAD
WINDY ACRES WAY
McFEE ROAD
TOWN ROAD #2
HAAG ROAD
MICHELIS ROAD
GREENWALD ROAD
VERMONT CHURCH ROAD
UNION VALLEY ROAD
MOEN VALLEY ROAD
WEST MINERAL POINT ROAD



W = Beam Guard Post

C = CRT Post

B = Breakaway Post

** PAY LIMIT STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

*** PAY LIMIT STEEL PLATE BEAM GUARD RADIUS

TYPICAL LAYOUT

(40' RADIUS SHOWN)

GENERAL NOTES

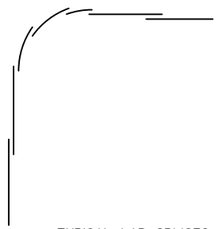
ALL ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36 AND THE STRUCTURAL TUBING SHALL CONFORM TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI/AWS D1.1. ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. PUNCHING, DRILLING, CUTTING, OR WELDING WILL NOT BE PERMITTED AFTER GALVANIZING. FURNISH AND INSTALL HARDWARE PER STANDARD SPECIFICATION 614.2. UNLESS NOTED OTHERWISE.

SHOP BEND CURVED RAIL SECTIONS.

SEE STANDARD DETAIL DRAWING 14 B 15 FOR OTHER DETAIL.

(1) RADIUS GREATER THAN 36'. SEE PLAN.

(2) HEIGHT TRANSITION MAY BE REQUIRED. SEE PLAN OR PROJECT ENGINEER.



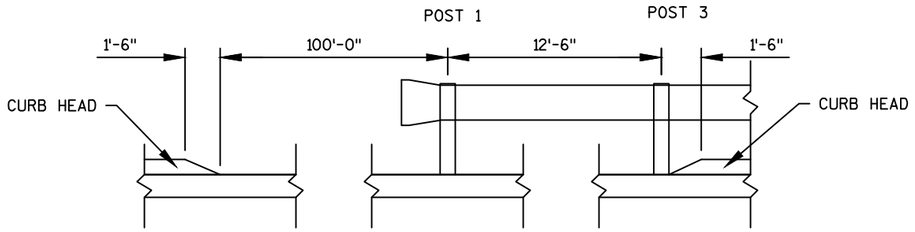
TYPICAL LAP SPLICES
(40' RADIUS SHOWN)

RADIUS	NUMBER OF CRT POSTS	* NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS (LENGTH x WIDTH)
40'	13	2 at 25' and 1 at 12.5'	60' x 25'
55'	17	3 at 25' and 1 at 12.5'	80' x 30'

* THE NUMBER OF RAILS IS BASED ON A 90° INTERSECTION. SEE PLAN FOR NON 90° INSTALLATIONS.

STEEL PLATE BEAM GUARD RADIUS

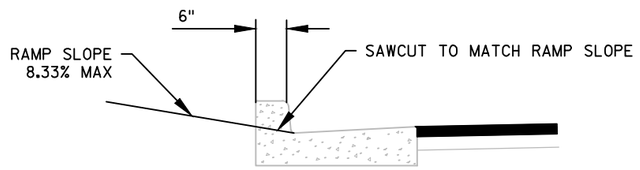
55' RADIUS AT STA 186+16.36
40' RADIUS AT STA 202+42.62
40' RADIUS AT STA 322+36.48



PROFILE CURB CUT AT EAT & CRASH CUSHION LOCATIONS

STA. 185+69 - 186+82 RT
STA. 298+75 - 299+07 RT
STA. 416+44 - 417+56 RT

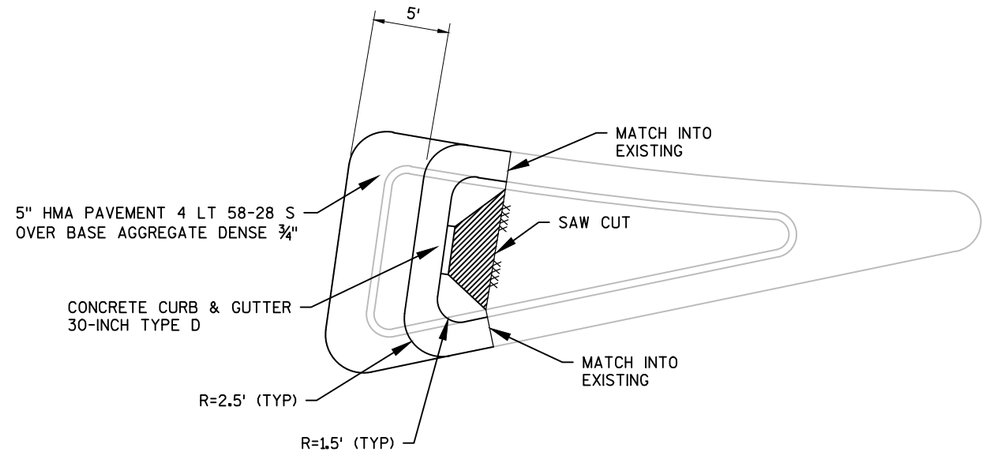
MAINTAIN EXISTING DRAINAGE PATTERNS



PROFILE CURB CUT AT CURB RAMP LOCATIONS

SEE CURB RAMP DETAILS FOR LOCATIONS

MAINTAIN EXISTING DRAINAGE PATTERNS



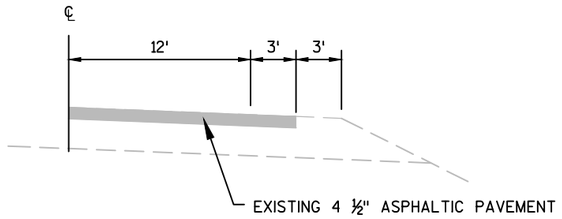
LEGEND

xxxx SAW CUT

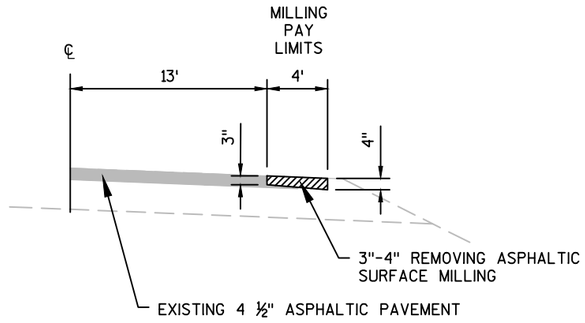
4" ASPHALTIC SURFACE SAFETY ISLAND

NOTE:
- ISLAND CORNER WILL BE PAID AS CONCRETE CURB & GUTTER 30-INCH TYPE D
- SEE SDD AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"

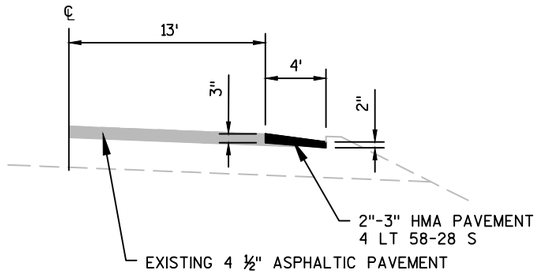
COUNTY S INTERSECTION ISLAND DETAIL



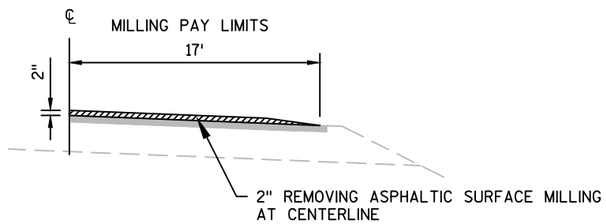
EXISTING



STAGE 1 MILLING

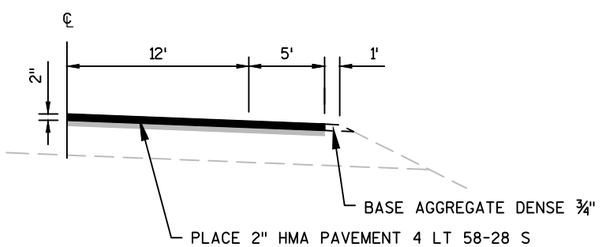


STAGE 2 PAVING



STAGE 3 MILLING

MAINTAIN EXISTING PAVEMENT CROSS-SLOPE

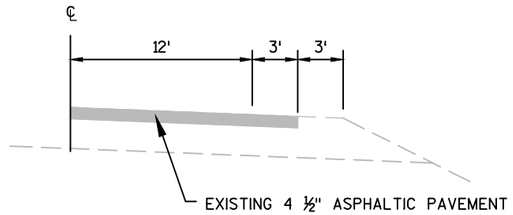


STAGE 4 PAVING

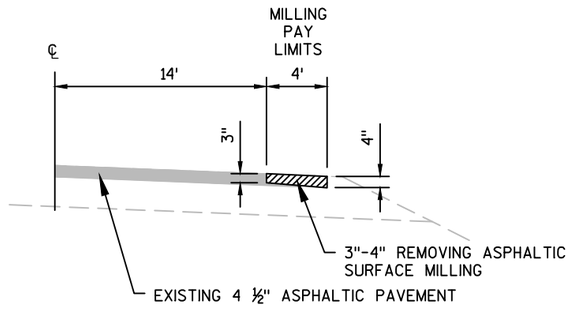
MAINTAIN EXISTING PAVEMENT CROSS-SLOPE

CONSTRUCTION STAGING

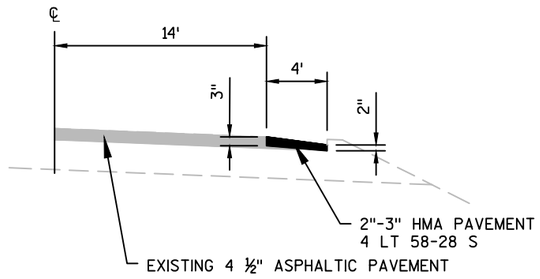
ALL STAGES WILL BE CONSTRUCTED UNDER A MOVING
LANE CLOSURE WITH THE USE OF FLAGGERS



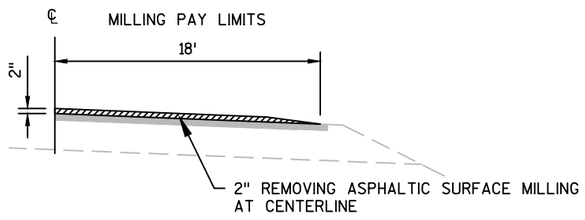
EXISTING



STAGE 1 MILLING

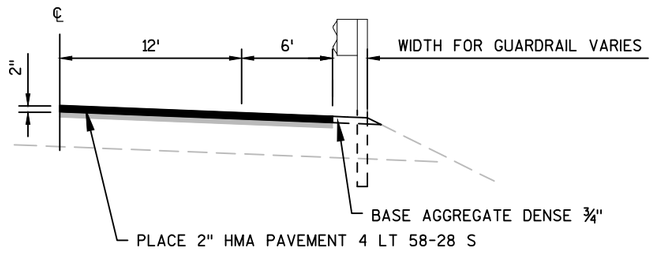


STAGE 2 PAVING



STAGE 3 MILLING

MAINTAIN EXISTING PAVEMENT CROSS-SLOPE

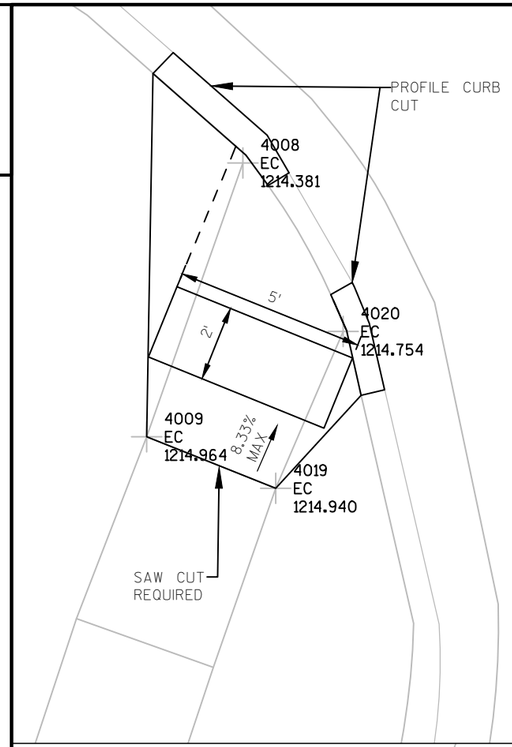


STAGE 4 PAVING

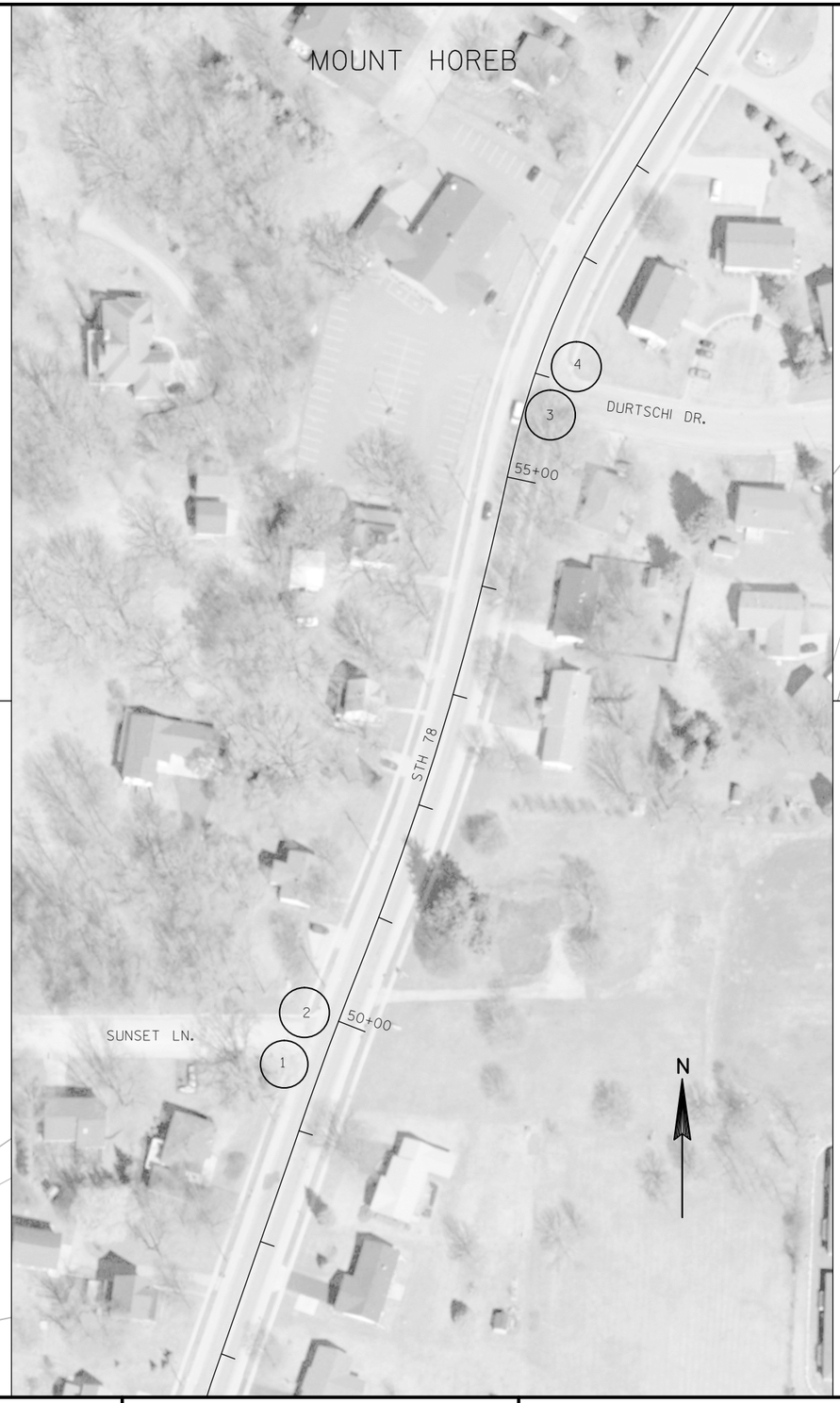
MAINTAIN EXISTING PAVEMENT CROSS-SLOPE

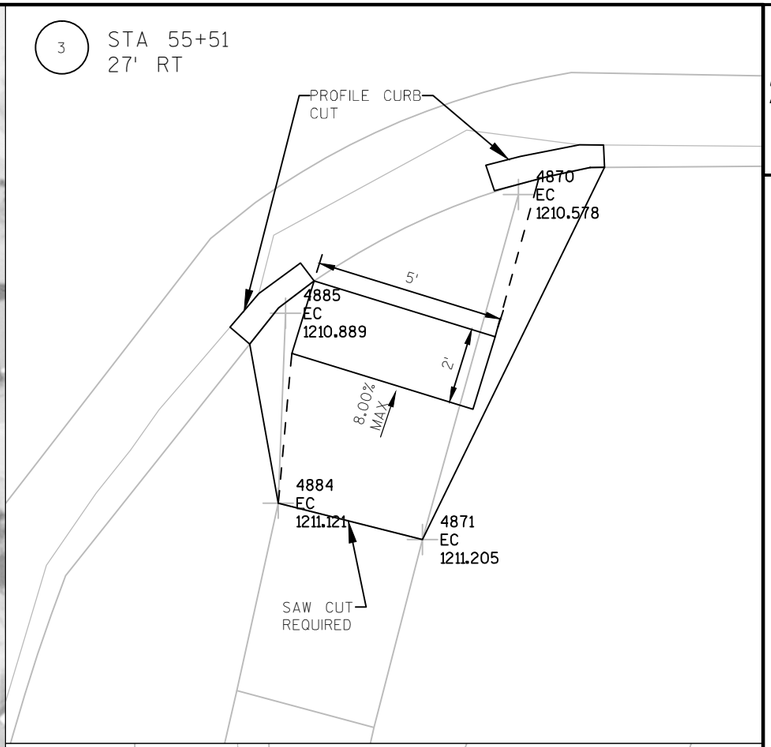
CONSTRUCTION STAGING IN GUARDRAIL LOCATIONS

ALL STAGES WILL BE CONSTRUCTED UNDER A MOVING
LANE CLOSURE WITH THE USE OF FLAGGERS



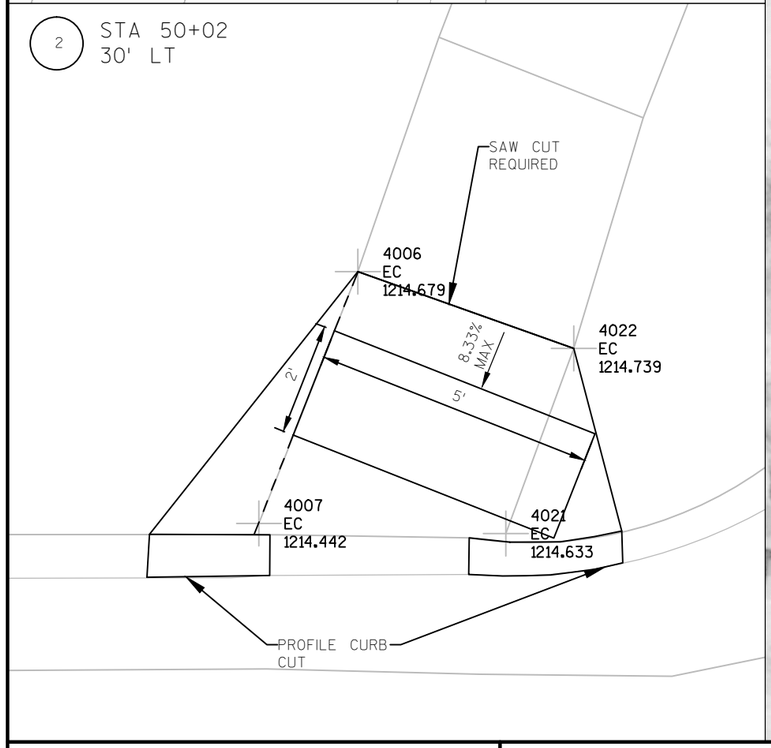
1 STA 49+48
29' LT



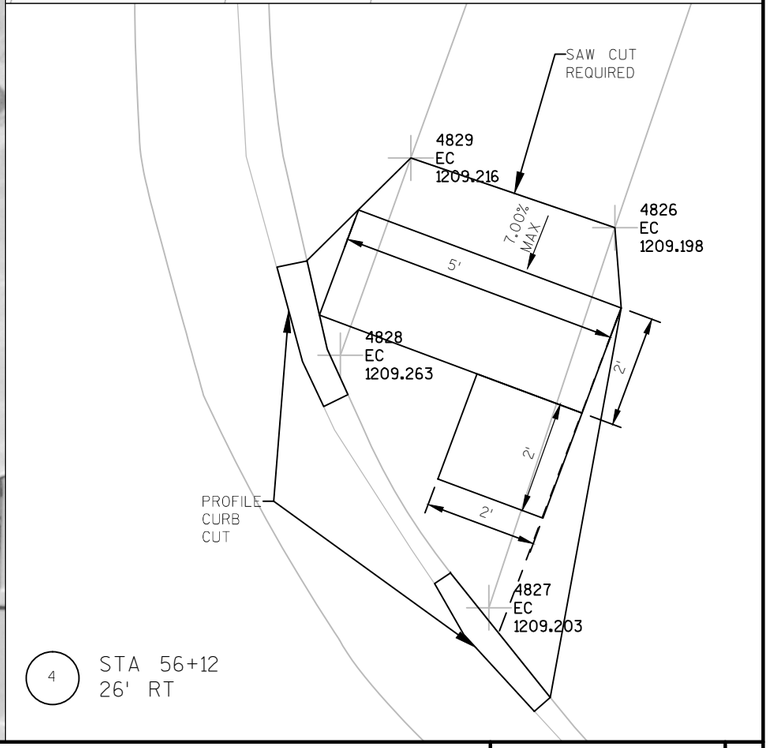


3 STA 55+51
27' RT

2



2 STA 50+02
30' LT

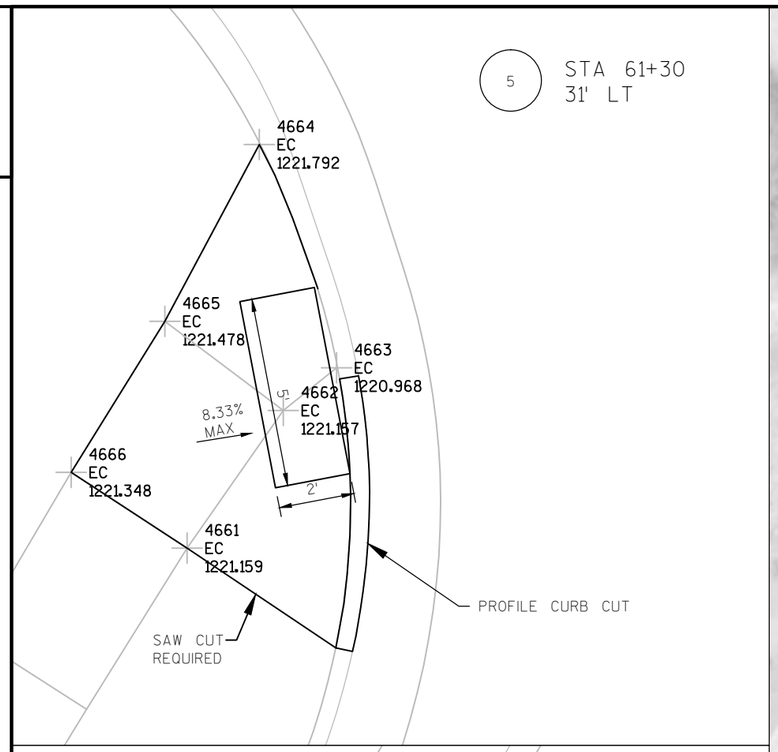


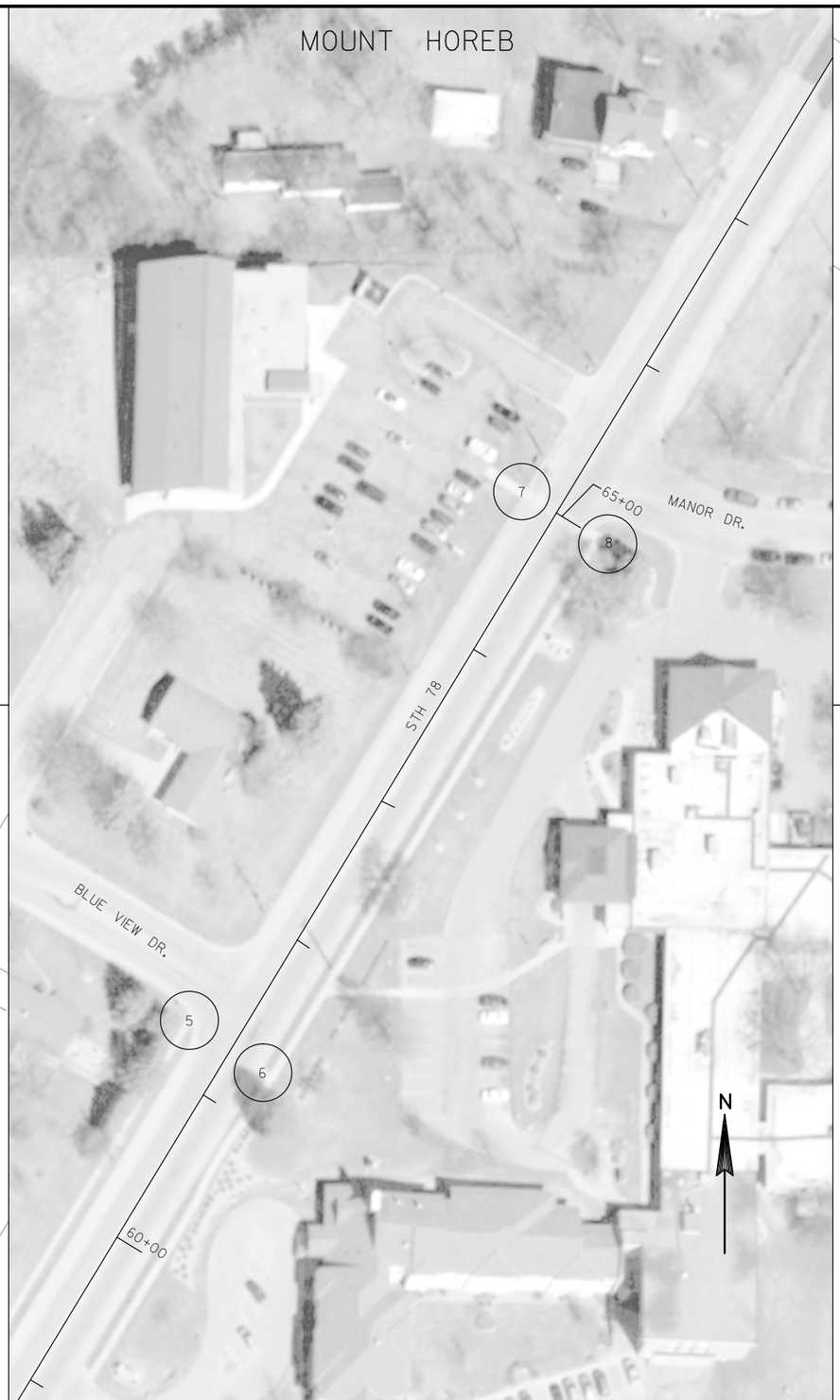
4 STA 56+12
26' RT

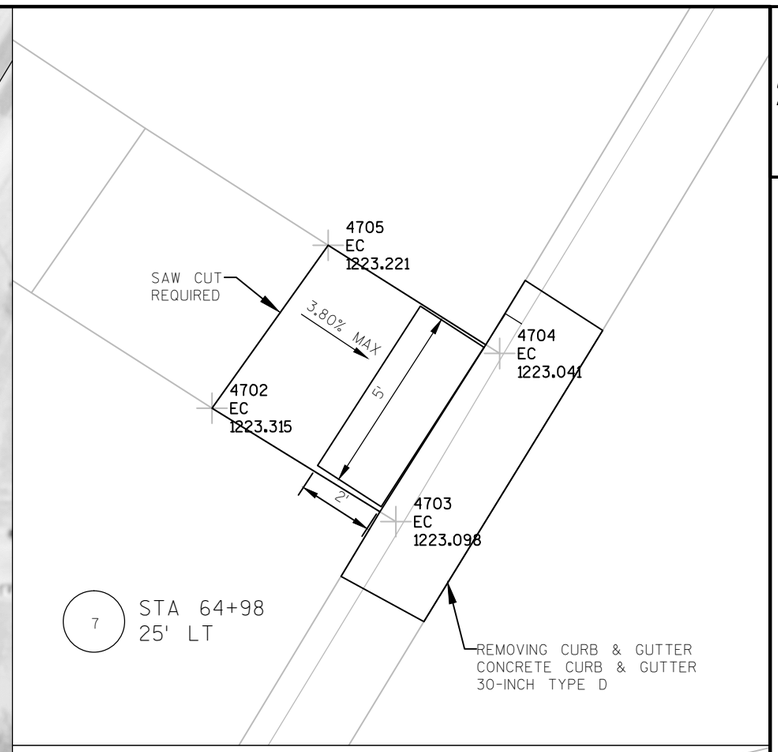
PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	CURB RAMP DETAILS	SHEET 19	E

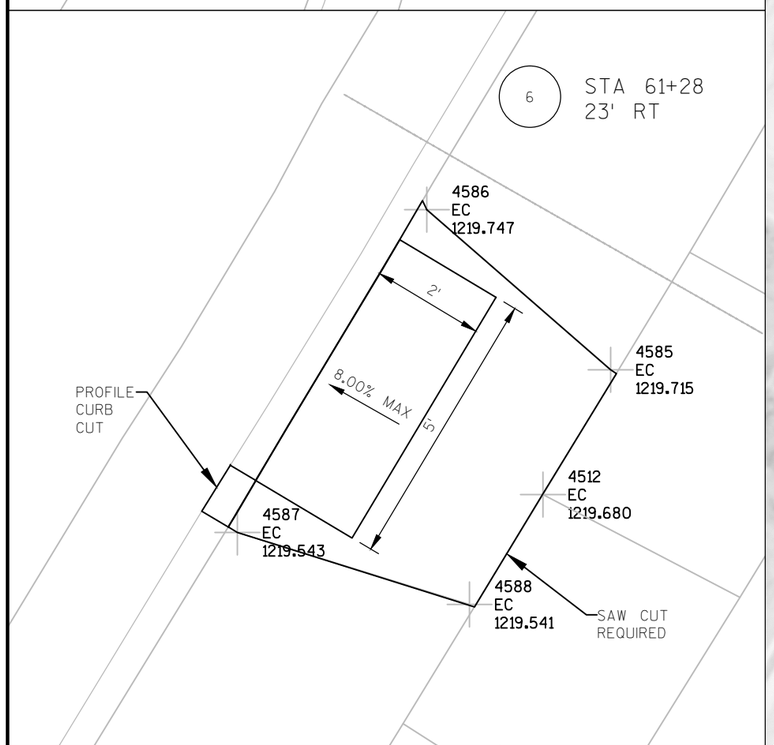
FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021002_CD.DWG
LAYOUT NAME - 021002_CD - MOUNT HOREB - 1
PLOT DATE : 7/29/2016 11:00 AM PLOT BY : DRAMMEH, LAMIN PLOT NAME : PLOT SCALE : 0.25
WISDOT/CADDS SHEET 42

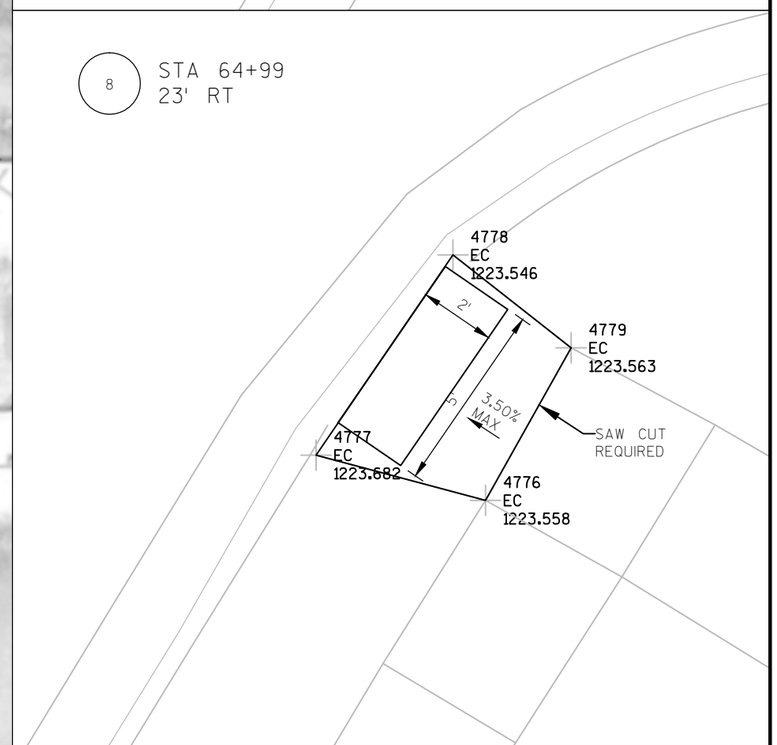
2







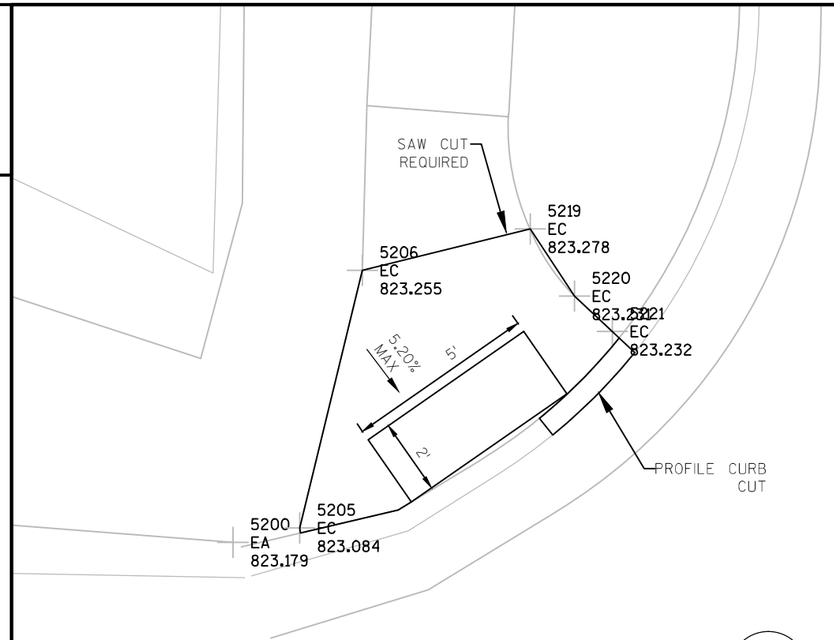


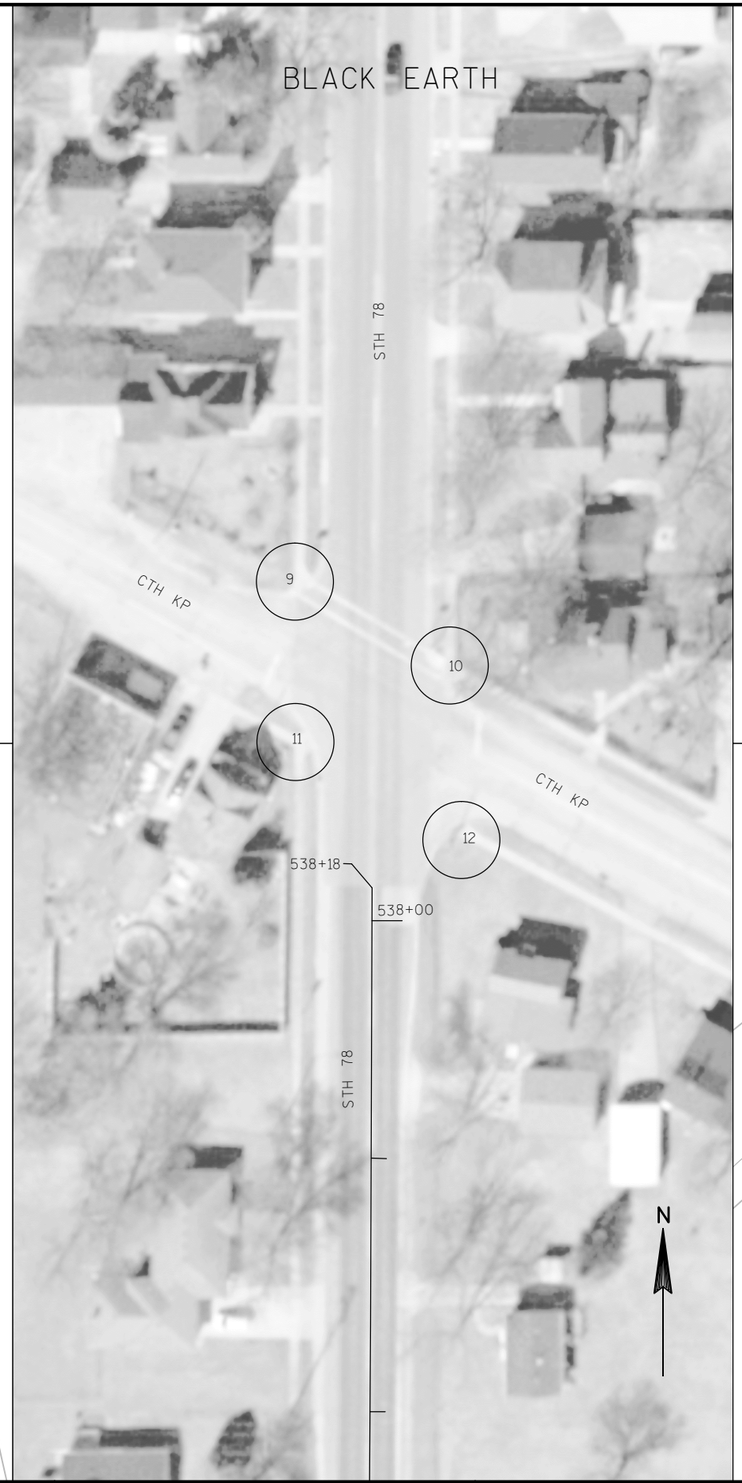


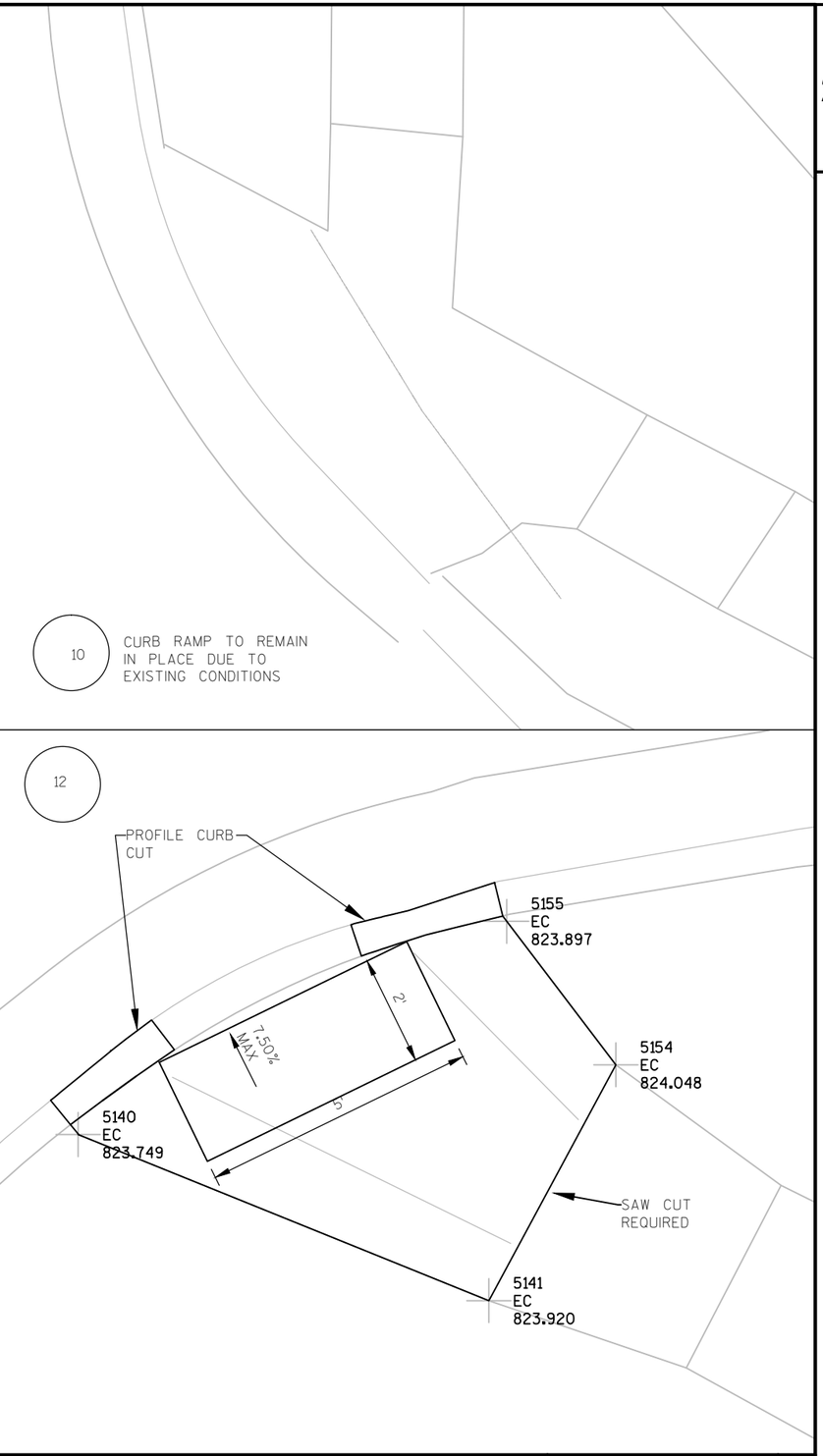
2

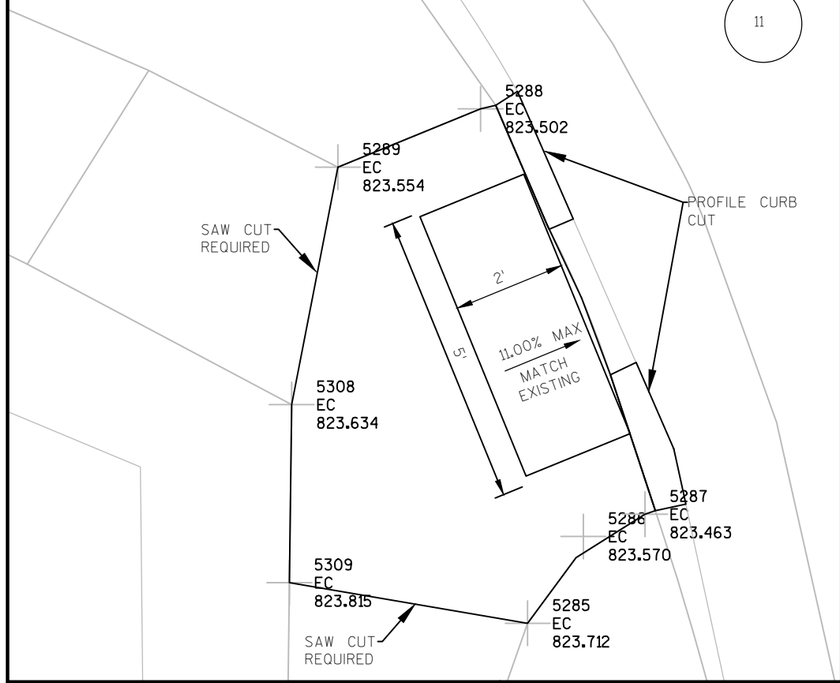
PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	CURB RAMP DETAILS	SHEET 20	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021002_CD.DWG
LAYOUT NAME - 021002_CD - MOUNT HOREB - 2
PLOT DATE : 7/29/2016 11:00 AM
PLOT BY : DRAMMEH, LAMIN
PLOT NAME :
PLOT SCALE : ******
WISDOT/CADDS SHEET 42









PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	CURB RAMP DETAILS	SHEET 21	E

SUNSET LN			
POINT NAME	Y	X	ELEVATION
4006	460760.465	728818.129	1214.68
4007	460755.973	728816.367	1214.44
4008	460710.311	728800.155	1214.38
4009	460703.085	728797.613	1214.96
4019	460701.724	728801.024	1214.94
4020	460705.863	728802.802	1214.75
4021	460755.793	728820.769	1214.63
4022	460759.095	728821.981	1214.74
4826	461323.090	729052.666	1209.20
4827	461316.314	729050.419	1209.20
4828	461320.815	729047.768	1209.26
4829	461324.335	729049.026	1209.22
4870	461269.548	729036.252	1210.58
4871	461260.440	729033.721	1211.20
4884	461261.405	729029.918	1211.12
4885	461266.412	729030.109	1210.89

BLUE VIEW AND MANOR DR			
POINT NAME	Y	X	ELEVATION
4585	461766.647	729301.858	1219.72
4586	461769.503	729298.583	1219.75
4587	461763.746	729295.205	1219.54
4588	461762.464	729299.344	1219.54
4661	461790.545	729251.941	1221.16
4662	461794.179	729254.480	1221.16
4663	461795.304	729255.882	1220.97
4664	461801.192	729253.846	1221.79
4665	461796.530	729251.350	1221.48
4666	461792.545	729248.883	1221.35
4702	462107.453	729444.656	1223.32
4703	462104.458	729449.510	1223.10
4704	462108.894	729452.248	1223.04
4705	462111.750	729447.723	1223.22
4776	462079.590	729491.819	1223.56
4777	462080.786	729487.348	1223.68
4778	462086.068	729490.962	1223.55
4779	462083.614	729494.081	1223.56

CTH KP			
POINT NAME	Y	X	ELEVATION
5140	504633.103	724063.096	823.75
5141	504630.087	724070.552	823.92
5154	504634.371	724072.858	824.05
5155	504636.976	724070.878	823.90
5200	504731.901	723997.157	823.18
5205	504732.278	723998.914	823.08
5206	504739.075	724000.568	823.26
5219	504740.170	724004.996	823.28
5220	504738.399	724006.165	823.23
5221	504737.462	724007.164	823.23
5285	504664.735	724004.434	823.71
5286	504666.281	724005.428	823.57
5287	504666.680	724006.526	823.46
5288	504673.908	724003.594	823.50
5289	504672.867	724001.049	823.55
5308	504668.635	724000.226	823.63
5309	504665.456	724000.187	823.82

STA 102+58.33 - 103+11.46, LT, MGS GUARDRAIL TERMINAL EAT
STA 103+11.46 - 104+92.88, LT, MGS GUARDRAIL 3 K
STA 104+92.88 - 105+46.01, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EXISTING RW

EAT POST #9
STA 103+08.33
18.00 LT*

EAT POST #5
STA 102+83.33
19.00 LT*

SLOPE INTERCEPT

SHLDR HINGE PT

EAT POST #9
STA 104+96.01
18.00 LT*

EAT POST #5
STA 105+21.01
18.00 LT*

EAT POST #1
STA 105+46.01
18.00 LT*

EAT POST #1
STA 102+58.33
20.00 LT*

15:1 TAPER

3:1 TAPER

101+00 102+00 103+00 104+00 105+00 106+00

STH 78

MG&E GAS

EAT POST #1
STA 102+40.37
18.00 RT*

EAT POST #5
STA 102+65.37
18.00 RT*

EAT POST #9
STA 102+90.37
18.00 RT*

MOUNT HOREB TELEPHONE

SHLDR HINGE PT

EAT POST #1
STA 104+52.96
18.00 RT*

EAT POST #5
STA 104+27.96
18.00 RT*

EAT POST #9
STA 104+02.96
18.00 RT*

MOUNT HOREB UTILITIES - ELECTRIC

EXISTING RW

STA 102+40.37 - 102+93.50, RT, MGS GUARDRAIL TERMINAL EAT
STA 102+93.50 - 103+99.83, RT, MGS GUARDRAIL 3 K
STA 103+99.83 - 104+52.96, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 23	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_PD - 1

PLOT DATE : 7/14/2016 3:55 PM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME :

PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

STA 115+80.01 - 116+33.14, LT, MGS GUARDRAIL TERMINAL EAT
STA 116+33.14 - 120+00.00 LT, MGS GUARDRAIL 3
STA 120+00.00 - 123+00.00 LT, MGS GUARDRAIL 3 K
STA 123+00.00 - 124+89.38 LT, MGS GUARDRAIL 3
STA 124+89.38 - 125+42.51 LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

MOUNT HOREB UTILITIES - ELECTRIC
MOUNT HOREB TELEPHONE
EAT POST #9
STA 116+30.01
18.00 LT*
EXISTING RW
EAT POST #5
STA 116+05.01
18.00 LT*
EAT POST #1
STA 115+80.01
18.00 LT*
SHLDR HINGE PT
SLOPE INTERCEPT
15:1 TAPER
115+00
116+00
117+00
118+00
119+00
120+00
STH 78
SHLDR HINGE PT
EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 24	E

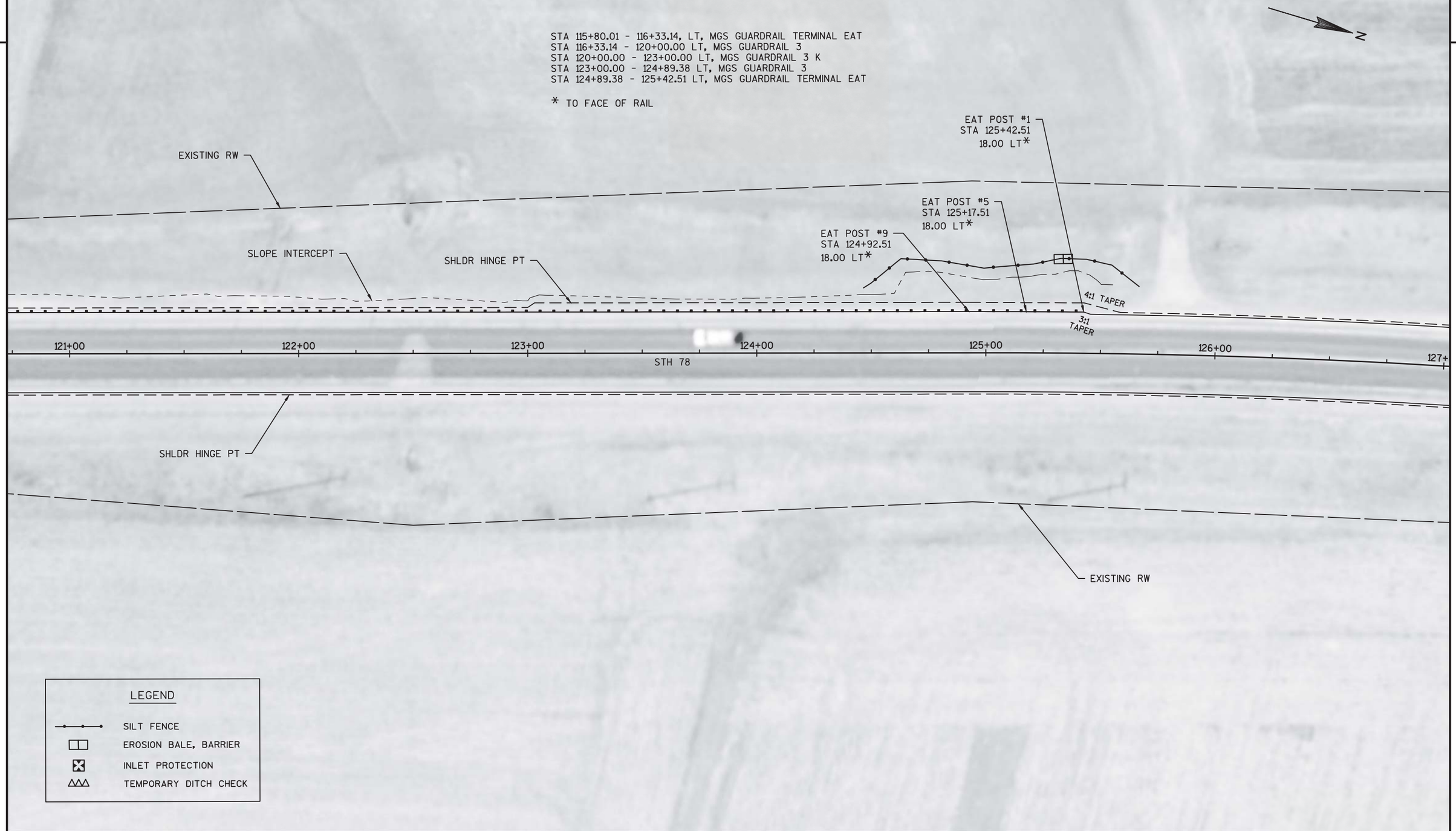
2

2

STA 115+80.01 - 116+33.14, LT, MGS GUARDRAIL TERMINAL EAT
STA 116+33.14 - 120+00.00 LT, MGS GUARDRAIL 3
STA 120+00.00 - 123+00.00 LT, MGS GUARDRAIL 3 K
STA 123+00.00 - 124+89.38 LT, MGS GUARDRAIL 3
STA 124+89.38 - 125+42.51 LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N



LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 25	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_PD - 3

PLOT DATE : 7/14/2016 3:55 PM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1" = 40'_XREF

STA 167+08.09 - 167+58.10, LT, STEEL PLATE BEAM GUARD EAT
STA 167+58.10 - 185+17.20, LT, GUARDRAIL STIFFENED LHW
STA 185+17.20 - 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

N

EXISTING RW

EAT POST #1
STA 167+08.09
18.00 LT*

EAT POST #5
STA 167+33.09
18.00 LT*

EAT POST #9
STA 167+58.09
18.00 LT*

SLOPE INTERCEPT

SHLDR HINGE PT

GUY

MOUNT HOREB TELEPHONE

12:1 TAPER

3:1 TAPER

164+00 165+00 166+00 167+00 168+00 169+00

STH 78

MOUNT HOREB UTILITIES - ELECTRIC
ALLIANT ENERGY

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 26	E

2

2

STA 167+08.09 - 167+58.10, LT, STEEL PLATE BEAM GUARD EAT
STA 167+58.10 - 185+17.20, LT, GUARDRAIL STIFFENED LHW
STA 185+17.20 - 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

N

EXISTING RW

MOUNT HOREB UTILITIES - ELECTRIC
ALLIANT ENERGY

SLOPE INTERCEPT

MOUNT HOREB TELEPHONE

SHLDR HINGE PT

170+00
171+00
172+00
173+00
174+00
175+00
176+00

STH 78

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY:STH 78	COUNTY:DANE	PLAN DETAILS	SHEET 27	E

2

MOUNT HOREB UTILITIES - ELECTRIC
ALLIANT ENERGY

MOUNT HOREB TELEPHONE

STA 167+08.09 - 167+58.10, LT, STEEL PLATE BEAM GUARD EAT
STA 167+58.10 - 185+17.20, LT, GUARDRAIL STIFFENED LHW
STA 185+17.20 - 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

EXISTING RW

SLOPE INTERCEPT

SHLDR HINGE PT

177+00 178+00 179+00 180+00 181+00 182+00

STH 78

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 28	E

2

MOUNT HOREB UTILITIES - ELECTRIC
ALLIANT ENERGY

MOUNT HOREB TELEPHONE

EXISTING RW

STA 186+16.36
73.00 LT*

STA 187+31.22
53.00 LT*

STA 185+17.66
43.00 LT*

R55'

R25'

R35'

SHLDR HINGE PT

SHLDR HINGE PT

SLOPE INTERCEPT

183+00 184+00 185+00 186+00 187+00 188+00

STH 78

3:1 TAPER

15:1 TAPER

STA 167+08.09 - 167+58.10, LT, STEEL PLATE BEAM GUARD EAT
STA 167+58.10 - 185+17.20, LT, GUARDRAIL STIFFENED LHW
STA 185+17.20 - 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 185+41.83, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

STA 185+65.70, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
STA 185+65.70 - 186+18.53, LT, STEEL PLATE BEAM GUARD RADIUS
STA 186+18.53 - 187+28.06, LT, STEEL PLATE BEAM GUARD CLASS A
STA 187+28.06 - 187+66.51, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 187+66.51, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

EAT POST *1
STA 186+69.30
20.00 RT*

EAT POST *9
STA 187+19.30
18.00 RT*

EAT POST *5
STA 186+94.30
19.00 RT*

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 186+69.30 - 187+22.43, RT, MGS GUARDRAIL TERMINAL EAT
STA 187+22.43 - 189+44.95, RT, MGS GUARDRAIL 3 K
STA 189+44.95 - 189+98.08, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

NOTE:
CURB CUT STA 185+69.30 - 186+81.80, RT
GUARDRAIL BEHIND C+G STA 186+81.80 - 187+53.50, RT

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 29	E

2

2

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

N

EXISTING RW

ALLIANT ENERGY

SHLDR HINGE PT

OH

189+00

190+00

191+00

192+00

193+00

194+00

195+

STH 78

3:1 TAPER

15:1 TAPER

SLOPE INTERCEPT

EAT POST #1
STA 189+98.08
20.00 RT*

GUY

MOUNT HOREB TELEPHONE

FO

EAT POST #5
STA 189+73.08
19.00 RT*

EAT POST #9
STA 189+48.08
18.00 RT*

SHLDR HINGE PT

EXISTING RW

STA 186+69.30 - 187+22.43, RT, MGS GUARDRAIL TERMINAL EAT
STA 187+22.43 - 189+44.95, RT, MGS GUARDRAIL 3 K
STA 189+44.95 - 189+98.08, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

TTV

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 30	E

2

2

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 198+28.50 - 198+78.50, LT, STEEL PLATE BEAM GUARD EAT
STA 198+78.50 - 199+02.00, LT, STEEL PLATE BEAM GUARD CLASS A
STA 199+02.00 - 199+48.00, LT, GUARDRAIL STIFFENED LHW
STA 199+48.00 - 202+41.00, LT, STEEL PLATE BEAM GUARD CLASS A
STA 202+41.00 - 202+80.61, LT, STEEL PLATE BEAM GUARD RADIUS
STA 202+80.61, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

MOUNT HOREB TELEPHONE
EXISTING RW
ALLIANT ENERGY
GUY
SHLDR HINGE PT
EAT POST #1
STA 198+28.50
20.00 LT*
EAT POST #5
STA 198+53.50
19.00 LT*
EAT POST #9
STA 198+78.50
18.00 LT*
WETLAND
SLOPE INTERCEPT
15:1 TAPER
3:1 TAPER
HO
T
Tv

196+00 197+00 198+00 199+00 200+00 201+00

STH 78

STA 198+75.00
16.00 RT*
STA 198+90.00
16.00 RT*
STA 198+35.00
18.00 RT*
STA 199+30.00
18.00 RT*
SHLDR HINGE PT
SLOPE INTERCEPT
WETLAND
EXISTING RW
EAT POST #1
STA 196+94.93
20.00 RT*
EAT POST #5
STA 197+19.93
19.00 RT*
EAT POST #9
STA 197+44.93
18.00 RT*
MOUNT HOREB TELEPHONE

STA 196+94.93 - 197+48.06, RT, MGS GUARDRAIL TERMINAL EAT
STA 197+48.06 - 198+60.00, RT, MGS GUARDRAIL 3
STA 198+60.00 - 199+40.00, RT, MGS GUARDRAIL 3 K
STA 199+40.00 - 202+80.00, RT, MGS GUARDRAIL 3
STA 202+80.00 - 203+52.00, RT, MGS GUARDRAIL 3 K
STA 203+52.00 - 208+48.00, RT, MGS GUARDRAIL 3
STA 208+48.00 - 215+21.87, RT, MGS GUARDRAIL 3 K
STA 215+21.87 - 215+75.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 31	E

2

2

MOUNT HOREB TELEPHONE

T

T

GUY

HO

HO

HO

EVANSON RD.

EXISTING RW

ALLIANT ENERGY

STA 198+28.50 - 198+78.50, LT, STEEL PLATE BEAM GUARD EAT
STA 198+78.50 - 199+02.00, LT, STEEL PLATE BEAM GUARD CLASS A
STA 199+02.00 - 199+48.00, LT, GUARDRAIL STIFFENED LHW
STA 199+48.00 - 202+41.00, LT, STEEL PLATE BEAM GUARD CLASS A
STA 202+41.00 - 202+80.61, LT, STEEL PLATE BEAM GUARD RADIUS
STA 202+80.61, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

N

EXISTING RW

STA 202+42.62
58.00 LT*

SLOPE INTERCEPT

R40'

SHLDR HINGE PT

202+00 203+00 204+00 205+00 206+00 207+00

STH 78

POST

SLOPE INTERCEPT

SHLDR HINGE PT

WETLAND

MOUNT HOREB TELEPHONE

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 196+94.93 - 197+48.06, RT, MGS GUARDRAIL TERMINAL EAT
STA 197+48.06 - 198+60.00, RT, MGS GUARDRAIL 3
STA 198+60.00 - 199+40.00, RT, MGS GUARDRAIL 3 K
STA 199+40.00 - 202+80.00, RT, MGS GUARDRAIL 3
STA 202+80.00 - 203+52.00, RT, MGS GUARDRAIL 3 K
STA 203+52.00 - 208+48.00, RT, MGS GUARDRAIL 3
STA 208+48.00 - 215+21.87, RT, MGS GUARDRAIL 3 K
STA 215+21.87 - 215+75.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 32	E

2

N

EXISTING RW

SHLDR HINGE PT

208+00

209+00

210+00

211+00

212+00

213+00

STH 78

SLOPE INTERCEPT

SHLDR HINGE PT

WETLAND

WETLAND

WETLAND

EXISTING RW

MOUNT HOREB TELEPHONE

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 196+94.93 - 197+48.06, RT, MGS GUARDRAIL TERMINAL EAT
STA 197+48.06 - 198+60.00, RT, MGS GUARDRAIL 3
STA 198+60.00 - 199+40.00, RT, MGS GUARDRAIL 3 K
STA 199+40.00 - 202+80.00, RT, MGS GUARDRAIL 3
STA 202+80.00 - 203+52.00, RT, MGS GUARDRAIL 3 K
STA 203+52.00 - 208+48.00, RT, MGS GUARDRAIL 3
STA 208+48.00 - 215+21.87, RT, MGS GUARDRAIL 3 K
STA 215+21.87 - 215+75.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 33	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_PD - 11

PLOT DATE : 7/14/2016 3:57 PM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME :

PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2

2

N

EXISTING RW

SHLDR HINGE PT

214+00

215+00

216+00

217+00

218+00

219+00

STH 78

3:1 TAPER

15:1 TAPER

SLOPE INTERCEPT

EAT POST #1
STA 215+75.00
19.00 RT*

EAT POST #9
STA 215+25.00
18.00 RT*

EAT POST #5
STA 215+50.00
18.50 RT*

WETLAND

TV

POST

EXISTING RW

MOUNT HOREB TELEPHONE

W. MINERAL POINT RD.

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 196+94.93 - 197+48.06, RT, MGS GUARDRAIL TERMINAL EAT
STA 197+48.06 - 198+60.00, RT, MGS GUARDRAIL 3
STA 198+60.00 - 199+40.00, RT, MGS GUARDRAIL 3 K
STA 199+40.00 - 202+80.00, RT, MGS GUARDRAIL 3
STA 202+80.00 - 203+52.00, RT, MGS GUARDRAIL 3 K
STA 203+52.00 - 208+48.00, RT, MGS GUARDRAIL 3
STA 208+48.00 - 215+21.87, RT, MGS GUARDRAIL 3 K
STA 215+21.87 - 215+75.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 34	E

2

2

N

EXISTING RW

SHLDR HINGE PT

220+00

221+00

222+00

223+00

224+00

225+00

STH 78

3:1 TAPER

13:1 TAPER

EAT POST #1
STA 221+76.40
20.00 RT*

EAT POST #9
STA 222+26.40
18.00 RT*

SLOPE INTERCEPT

SHLDR HINGE PT

EXISTING RW

EAT POST #5
STA 222+01.40
19.00 RT*

WETLAND

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 221+76.40 - 222+29.53, RT, MGS GUARDRAIL TERMINAL EAT
STA 222+29.53 - 230+97.82, RT, MGS GUARDRAIL 3
STA 230+97.82 - 231+50.95, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 35	E

2

2

STA 229+47.43 - 230+00.56, LT, MGS GUARDRAIL TERMINAL EAT
STA 230+00.56 - 230+56.81, LT, MGS GUARDRAIL 3
STA 230+56.81 - 231+09.94, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

ALLIANT ENERGY

EAT POST #9
STA 229+97.43
18.00 LT*

EAT POST #9
STA 230+59.94
18.00 LT*

EAT POST #5
STA 230+84.94
18.00 LT*

EAT POST #1
STA 231+09.94
18.00 LT*

EAT POST #5
STA 229+72.43
19.00 LT*

EAT POST #1
STA 229+47.43
20.00 LT*

EXISTING RW

SHLDR HINGE PT

SLOPE INTERCEPT

HO

GUY

15:1 TAPER

3:1 TAPER

226+00 227+00 228+00 229+00 230+00 231+00 232+00

STH 78

3:1 TAPER

12:1 TAPER

SLOPE INTERCEPT

SHLDR HINGE PT

EXISTING RW

EAT POST #9
STA 231+00.95
18.00 RT*

EAT POST #5
STA 231+25.95
19.00 RT*

EAT POST #1
STA 231+50.95
20.00 RT*

FO

STA 221+76.40 - 222+29.53, RT, MGS GUARDRAIL TERMINAL EAT
STA 222+29.53 - 230+97.82, RT, MGS GUARDRAIL 3
STA 230+97.82 - 231+50.95, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

MOUNT HOREB TELEPHONE

ALLIANT ENERGY

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 36	E

2

2

N

EXISTING RW

SHLDR HINGE PT

233+00

234+00

235+00

STH 78

236+00

237+00

238+00

SHLDR HINGE PT

15:1 TAPER

3:1 TAPER

EAT POST #1
STA 238+25.01
19.00 RT*

SLOPE INTERCEPT

EAT POST #5
STA 238+50.01
18.50 RT*

HO

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 238+25.01 - 238+78.14, RT, MGS GUARDRAIL TERMINAL EAT
STA 238+78.14 - 242+91.47, RT, MGS GUARDRAIL 3 K
STA 242+91.47 - 243+44.60, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 37	E

2

2

N

EXISTING RW

SHLDR HINGE PT

239+00

240+00

241+00

242+00

243+00

244+00

STH 78

3:1 TAPER

15:1 TAPER

SHLDR HINGE PT

SLOPE INTERCEPT

EAT POST #1
STA 243+44.60
18.00 RT*

ALLIANT ENERGY

EAT POST #9
STA 238+75.01
18.00 RT*

EAT POST #5
STA 243+19.60
18.00 RT*

FO

OH

EXISTING RW

WETLAND

EAT POST #9
STA 242+94.60
18.00 RT*

MOUNT HOREB TELEPHONE

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 238+25.01 - 238+78.14, RT, MGS GUARDRAIL TERMINAL EAT
STA 238+78.14 - 242+91.47, RT, MGS GUARDRAIL 3 K
STA 242+91.47 - 243+44.60, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 38	E

2

2

STA 249+73.16, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
STA 249+73.16 - 250+02.72, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 250+02.72 - 250+15.22, LT, STEEL PLATE BEAM GUARD CLASS A
STA 250+15.22 - 250+35.87, LT, STEEL THRIE BEAM STRUCTURE APPROACH
STA 250+35.87 - 250+82.99, LT, BRIDGE W BEAM - EXISTING TO REMAIN
STA 250+82.99 - 251+22.39, LT, MGS THRIE BEAM TRANSITION
STA 251+22.39 - 252+91.87, LT, MGS GUARDRAIL 3 K
STA 252+91.87 - 253+45.00, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EXISTING RW

ALLIANT ENERGY

STA 250+01.28
49.50 LT*

WETLAND

R30'

SLOPE INTERCEPT

SHLDR HINGE PT

245+00 246+00 247+00 248+00 249+00 250+00 251+

STH 78

B-13-134
NO WORK UNDER
THIS CONTRACT

3:1 TAPER

15:1 TAPER

ALLIANT ENERGY

SHLDR HINGE PT

EXISTING RW

EAT POST #1
STA 248+13.92
20.00 RT*

MOUNT HOREB TELEPHONE

EAT POST #5
STA 248+38.92
19.00 RT*

EAT POST #9
STA 248+63.92
18.00 RT*

SLOPE INTERCEPT

WETLAND

STA 248+13.92 - 248+67.05, RT, MGS GUARDRAIL TERMINAL EAT
STA 248+67.05 - 249+71.11, RT, MGS GUARDRAIL 3
STA 249+71.11 - 250+10.51, RT, MGS THRIE BEAM TRANSITION
STA 250+10.51 - 250+57.63, RT, BRIDGE W BEAM - EXISTING TO REMAIN
STA 250+57.63 - 250+97.03, RT, MGS THRIE BEAM TRANSITION
STA 250+97.03 - 252+06.80, RT, MGS GUARDRAIL 3 K
STA 252+06.80 - 252+59.93, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 39	E

STA 249+73.16, LT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
STA 249+73.16 - 250+02.72, LT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 250+02.72 - 250+15.22, LT, STEEL PLATE BEAM GUARD CLASS A
STA 250+15.22 - 250+35.87, LT, STEEL THRIE BEAM STRUCTURE APPROACH
STA 250+35.87 - 250+82.99, LT, BRIDGE W BEAM - EXISTING TO REMAIN
STA 250+82.99 - 251+22.39, LT, MGS THRIE BEAM TRANSITION
STA 251+22.39 - 252+91.87, LT, MGS GUARDRAIL 3 K
STA 252+91.87 - 253+45.00, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

MOUNT HOREB TELEPHONE

EAT POST #5
STA 253+20.00
18.00 LT*

EAT POST #9
STA 252+95.00
18.00 LT*

EAT POST #1
STA 253+45.00
18.00 LT*

EXISTING RW

HO

ALLIANT ENERGY

SHLDR HINGE PT

SLOPE INTERCEPT

WETLAND

15:1 TAPER

3:1 TAPER

252+00

253+00

254+00

255+00

256+00

257+00

STH 78

SLOPE INTERCEPT

WETLAND

EAT POST #1
STA 252+59.93
18.00 RT *

EAT POST #5
STA 252+34.93
18.00 RT*

EAT POST #9
STA 252+09.93
18.00 RT*

GUY POLE

SHLDR HINGE PT

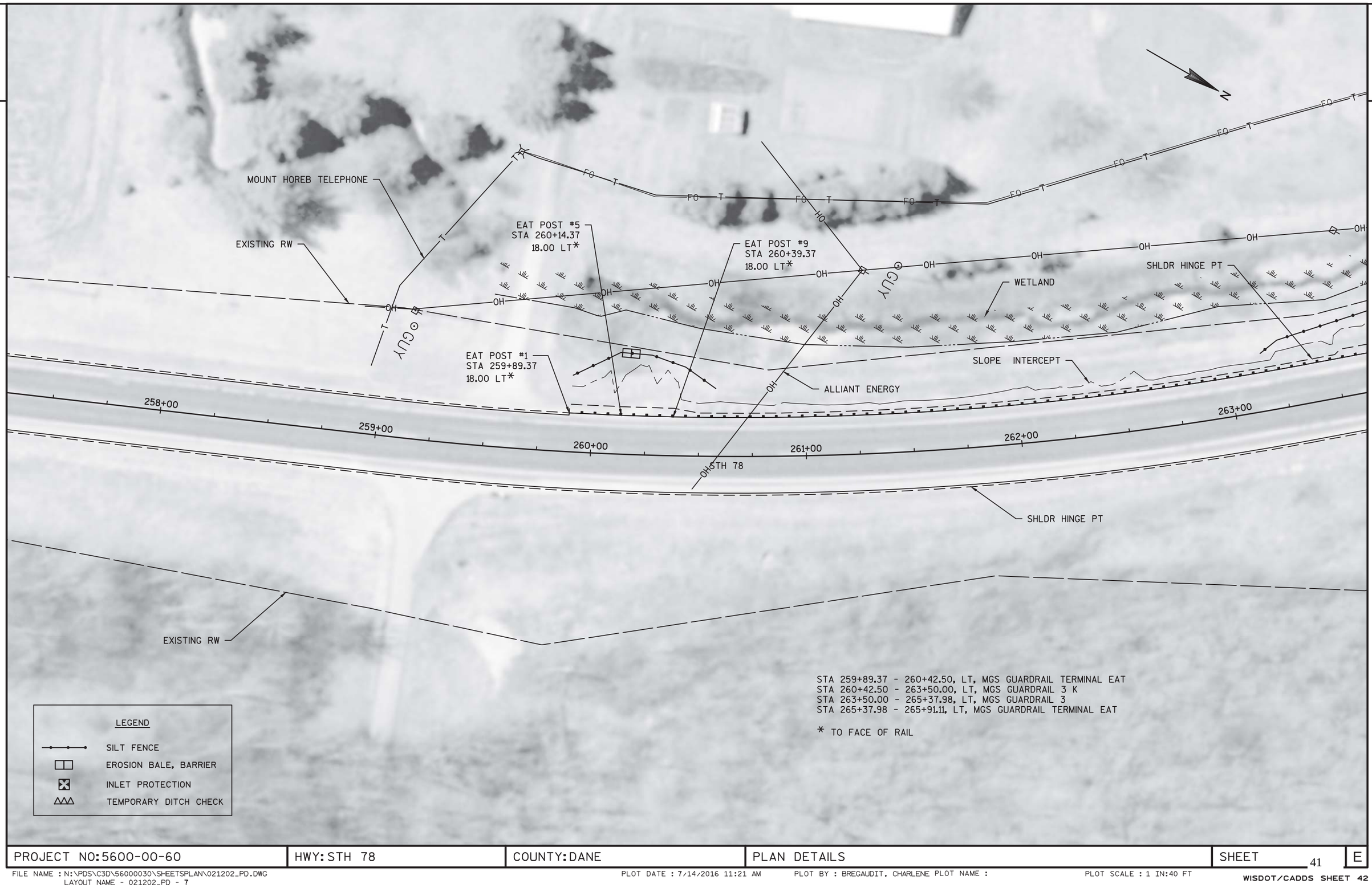
EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 40	E

2



STA 259+89.37 - 260+42.50, LT, MGS GUARDRAIL TERMINAL EAT
STA 260+42.50 - 263+50.00, LT, MGS GUARDRAIL 3 K
STA 263+50.00 - 265+37.98, LT, MGS GUARDRAIL 3
STA 265+37.98 - 265+91.11, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 41	E

2

2

FO T FO T FO T FO T FO T FO T FO T

MOUNT HOREB TELEPHONE

STA 259+89.37 - 260+42.50, LT, MGS GUARDRAIL TERMINAL EAT
STA 260+42.50 - 263+50.00, LT, MGS GUARDRAIL 3 K
STA 263+50.00 - 265+37.98, LT, MGS GUARDRAIL 3
STA 265+37.98 - 265+91.11, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EAT POST #5
STA 265+66.11
18.00 LT*

EAT POST #9
STA 265+41.11
18.00 LT*

EAT POST #1
STA 265+91.11
18.00 LT*

WETLAND

EXISTING RW

OH OH OH OH OH OH OH OH OH OH

GUY GUY

SLOPE INTERCEPT

SHLDR HINGE PT

15:1 TAPER

3:1 TAPER

264+00 265+00 266+00 267+00 268+00 269+00

STH 78

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY:STH 78	COUNTY:DANE	PLAN DETAILS	SHEET 42	E

STA 281+00.00 - 281+53.13, LT, MGS GUARDRAIL TERMINAL EAT
STA 281+53.13 - 281+90.00, LT, MGS GUARDRAIL 3
STA 281+90.00 - 283+80.00, LT, MGS GUARDRAIL 3 K
STA 283+80.00 - 284+59.40, LT, MGS GUARDRAIL 3
STA 284+59.40 - 285+12.53, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

EAT POST #5
STA 281+25.00
19.00 LT*

WETLAND

SLOPE INTERCEPT

EXISTING RW

MHTC

EAT POST #1
STA 281+00.00
20.00 LT*

ALLIANT ENERGY

OH

FO

SHLDR HINGE PT

EAT POST #9
STA 281+50.00
18.00 LT*

15:1 TAPER

3:1 TAPER

277+00 278+00 279+00 280+00 281+00 282+00

STH 78

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 43	E

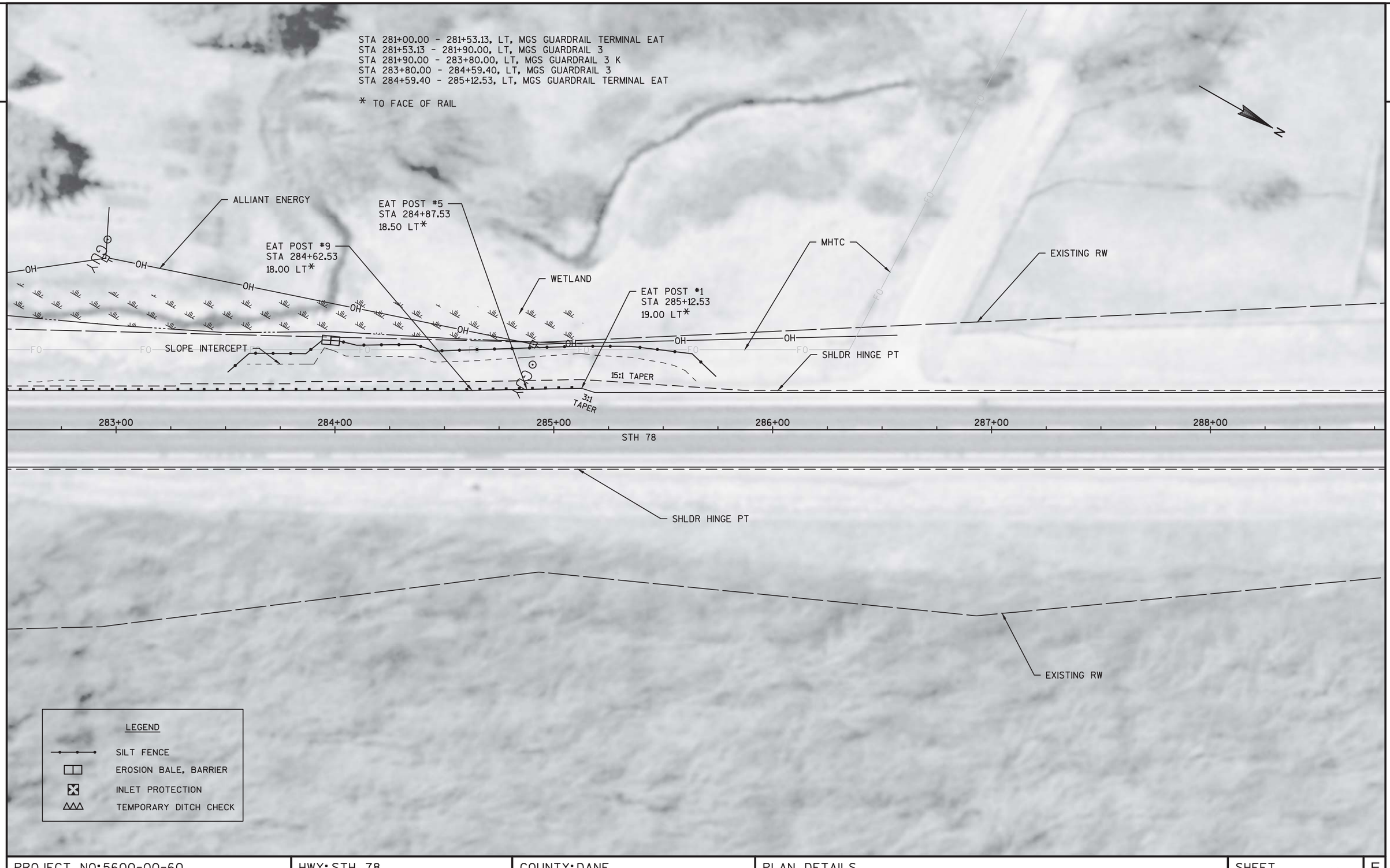
FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202_PD - 9

PLOT DATE : 7/14/2016 11:21 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

STA 281+00.00 - 281+53.13, LT, MGS GUARDRAIL TERMINAL EAT
STA 281+53.13 - 281+90.00, LT, MGS GUARDRAIL 3
STA 281+90.00 - 283+80.00, LT, MGS GUARDRAIL 3 K
STA 283+80.00 - 284+59.40, LT, MGS GUARDRAIL 3
STA 284+59.40 - 285+12.53, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL



PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 44	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202_PD - 10

PLOT DATE : 7/14/2016 11:21 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

STA 291+67.45 - 292+20.58, LT, MGS GUARDRAIL TERMINAL EAT
STA 292+20.58 - 293+00.00, LT, MGS GUARDRAIL 3 K
STA 293+00.00 - 293+64.06, LT, MGS GUARDRAIL 3
STA 293+64.06 - 294+17.19, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

MOUNT HOREB TELEPHONE

ALLIANT ENERGY

EAT POST #1
STA 291+67.45
19.00 LT*

EAT POST #5
STA 291+92.45
18.50 LT*

EAT POST #9
STA 292+17.45
18.00 LT*

EAT POST #9
STA 293+67.19
18.00 LT*

EAT POST #5
STA 293+92.19
18.50 LT*

EAT POST #1
STA 294+17.19
19.00 LT*

EXISTING RW

SHLDR HINGE PT

SLOPE INTERCEPT

15:1 TAPER

3:1 TAPER

8:1 TAPER

STH 78

289+00
290+00
291+00
292+00
293+00
294+00
295+00

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY:STH 78	COUNTY:DANE	PLAN DETAILS	SHEET 45	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202_PD - 11

PLOT DATE : 7/14/2016 11:21 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 297+92.01 - 298+45.14, LT, MGS GUARDRAIL TERMINAL EAT
STA 298+45.14 - 301+27.20, LT, MGS GUARDRAIL 3 K
STA 301+27.20 - 301+80.33, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EXISTING RW

MOUNT HOREB TELEPHONE

ALLIANT ENERGY

EAT POST #1
STA 297+92.01
20.00 LT*

EAT POST #5
STA 298+17.01
19.00 LT*

EAT POST #9
STA 298+42.01
18.00 LT*

13:1 TAPER

3:1 TAPER

SLOPE INTERCEPT

SHLDR HINGE PT

296+00

297+00

298+00

299+00

300+00

301+00

STH 78

SHLDR HINGE PT

9:1 TAPER

2:1 TAPER

EAT POST #1
STA 299+74.74
19.00 RT*

EAT POST #5
STA 299+99.74
18.50 RT*

EAT POST #9
STA 301+30.33
18.00 LT*

SLOPE INTERCEPT

EAT POST #9
STA 300+24.74
18.00 RT*

MOUNT HOREB TELEPHONE

EXISTING RW

STA 299+74.74 - 300+27.87, RT, MGS GUARDRAIL TERMINAL EAT
STA 300+27.87 - 302+70.00, RT, MGS GUARDRAIL 3 K
STA 302+70.00 - 302+99.30, RT, MGS GUARDRAIL 3
STA 302+99.30 - 303+52.43, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

NOTE:
CUT CURB STA 298+74.74 - 299+07.00, RT

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 46	E

2

2

STA 297+92.01 - 298+45.14, LT, MGS GUARDRAIL TERMINAL EAT
STA 298+45.14 - 301+27.20, LT, MGS GUARDRAIL 3 K
STA 301+27.20 - 301+80.33, LT, MGS GUARDRAIL TERMINAL EAT

STA 302+24.69 - 302+77.82, LT, MGS GUARDRAIL TERMINAL EAT
STA 302+77.82 - 312+10.00, LT, MGS GUARDRAIL 3 K
STA 312+10.00 - 312+87.81, LT, MGS GUARDRAIL 3
STA 312+87.81 - 313+40.94, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

TDS TELECOM

TDS

FO T FO T FO T FO T FO T FO T FO T FO T FO T FO T FO T FO T FO

EAT POST #5
STA 301+55.33
18.00 LT*

EAT POST #1
STA 302+24.69
18.00 LT*

EAT POST #5
STA 302+49.69
18.00 LT*

EAT POST #1
STA 301+80.33
18.00 LT*

EAT POST #9
STA 302+74.69
18.00 LT*

EXISTING RW

SLOPE INTERCEPT

SHLDR HINGE PT

WETLAND

OH

302+00

303+00

304+00

305+00

306+00

307+00

STH 78

SLOPE INTERCEPT

3:1
TAPER

9:1 TAPER

SHLDR HINGE PT

EXISTING RW

EAT POST #1
STA 303+52.43
20.00 RT*

EAT POST #9
STA 303+52.43
18.00 RT*

EAT POST #5
STA 303+27.43
19.00 RT*

HOWERY RD.

ALLIANT ENERGY

STA 299+74.74 - 300+27.87, RT, MGS GUARDRAIL TERMINAL EAT
STA 300+27.87 - 302+70.00, RT, MGS GUARDRAIL 3 K
STA 302+70.00 - 302+99.30, RT, MGS GUARDRAIL 3
STA 302+99.30 - 303+52.43, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 47	E

STA 302+24.69 - 302+77.82, LT, MGS GUARDRAIL TERMINAL EAT
STA 302+77.82 - 312+10.00, LT, MGS GUARDRAIL 3 K
STA 312+10.00 - 312+87.81, LT, MGS GUARDRAIL 3
STA 312+87.81 - 313+40.94, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

TDS TELECOM

EXISTING RW

MITIGATED WETLAND #1
STA 309+50 - 310+45 LT
0.005 ACRE

MITIGATED WETLAND #2
STA 310+56 - 311+10 LT
0.004 ACRE

WETLAND

SLOPE INTERCEPT

SHLDR HINGE PT

EAT POST #5
STA 313+15.94
19.00 LT*

EAT POST #9
STA 312+90.94
18.00 LT*

EAT POST #1
STA 313+40.94
20.00 LT*

7:1 TAPER

3:1
TAPER

308+00

309+00

310+00

311+00

312+00

313+00

314+00

STH 78

ALLIANT ENERGY

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY:STH 78	COUNTY:DANE	PLAN DETAILS	SHEET 48	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202_PD - 14

PLOT DATE : 7/14/2016 11:22 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:40 FT

STA 319+07.00 - 319+57.00, LT, STEEL PLATE BEAM GUARD EAT
STA 319+57.00 - 322+00.00, LT, GUARDRAIL STIFFENED LHW
STA 322+00.00 - 322+35.00, LT, STEEL PLATE BEAM GUARD CLASS A
STA 322+35.00 - 322+74.34, LT, STEEL PLATE BEAM GUARD RADIUS
STA 322+74.34, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

N

TDS TELECOM

ALLIANT ENERGY

EXISTING RW

ENVIRONMENTALLY SENSITIVE

STA 322+36.48
59.15 LT*

WETLAND

EAT POST #5
STA 319+32.00
18.00 LT*

EAT POST #9
STA 319+57.00
18.00 LT*

EAT POST #1
STA 319+07.00
18.00 LT*

SLOPE INTERCEPT

SHLDR HINGE PT

R40'

WINDY ACRES WAY

EXISTING RW

15:1 TAPER

3:1 TAPER

319+00

320+00

321+00

STH 78

322+00

323+00

324+00

SHLDR HINGE PT

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 49	E

2

2

STA 326+53.11 - 327+06.24, LT, MGS GUARDRAIL TERMINAL EAT
STA 327+06.24 - 328+00.00, LT, MGS GUARDRAIL 3
STA 328+00.00 - 331+10.87, LT, MGS GUARDRAIL 3 K
STA 331+10.87 - 331+64.00, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

ENVIRONMENTALLY SENSITIVE

ALLIANT ENERGY
BLACK EARTH ELECTRIC UTILITY

EXISTING RW

EAT POST #5
STA 326+78.11
19.00 LT*

EAT POST #1
STA 326+53.11
20.00 LT*

EAT POST #9
STA 327+03.11
18.00 LT*

TDS TELECOM

BLACK EARTH ELECTRIC UTILITY

WETLAND

SLOPE INTERCEPT

SHLDR HINGE PT

15:1 TAPER

3:1 TAPER

325+00 326+00 327+00 328+00 329+00 330+00

STH 78

SHLDR HINGE PT

EAT POST #1
STA 328+42.54
18.00 RT*

EAT POST #5
STA 328+67.54
18.00 RT*

WETLAND

EAT POST #9
STA 328+92.54
18.00 RT*

EXISTING RW

SLOPE INTERCEPT

McFEE RD.

TDS TELECOM

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 328+42.54 - 328+95.67, RT, MGS GUARDRAIL TERMINAL EAT
STA 328+95.67 - 331+05.00, RT, MGS GUARDRAIL 3
STA 331+05.00 - 334+30.00, RT, MGS GUARDRAIL 3 K
STA 334+30.00 - 334+96.87, RT, MGS GUARDRAIL 3
STA 334+96.87 - 335+50.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 50	E

2

2

STA 326+53.11 - 327+06.24, LT, MGS GUARDRAIL TERMINAL EAT
STA 327+06.24 - 328+00.00, LT, MGS GUARDRAIL 3
STA 328+00.00 - 331+10.87, LT, MGS GUARDRAIL 3 K
STA 331+10.87 - 331+64.00, LT, MGS GUARDRAIL TERMINAL EAT

STA 331+90.00 - 332+43.13, LT, MGS GUARDRAIL TERMINAL EAT
STA 332+43.13 - 349+08.00, LT, MGS GUARDRAIL 3 K
STA 349+08.00 - 350+00.36, LT, MGS GUARDRAIL 3
STA 350+00.36 - 350+53.49, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EAT POST #1
STA 331+64.00
18.00 LT*

EAT POST #5
STA 331+39.00
18.00 LT*

EAT POST #9
STA 331+14.00
18.00 LT*

EAT POST #1
STA 331+90.00
18.00 LT*

EAT POST #5
STA 332+15.00
18.00 LT*

EAT POST #9
STA 332+40.00
18.00 LT*

WETLAND

BLACK EARTH ELECTRIC UTILITY

TDS TELECOM

SHLDR HINGE PT

EXISTING RW

SLOPE INTERCEPT

331+00 332+00 333+00 334+00 335+00 336+00

STH 78

3:1 TAPER

15:1 TAPER

EAT POST #1
STA 335+50.00
18.00 RT*

WETLAND

SHLDR HINGE PT

SLOPE INTERCEPT

EAT POST #9
STA 335+00.00
18.00 RT*

EAT POST #5
STA 335+25.00
18.00 RT*

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 328+42.54 - 328+95.67, RT, MGS GUARDRAIL TERMINAL EAT
STA 328+95.67 - 331+05.00, RT, MGS GUARDRAIL 3
STA 331+05.00 - 334+30.00, RT, MGS GUARDRAIL 3 K
STA 334+30.00 - 334+96.87, RT, MGS GUARDRAIL 3
STA 334+96.87 - 335+50.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 51	E

STA 331+90.00 - 332+43.13, LT, MGS GUARDRAIL TERMINAL EAT
STA 332+43.13 - 349+08.00, LT, MGS GUARDRAIL 3 K
STA 349+08.00 - 350+00.36, LT, MGS GUARDRAIL 3
STA 350+00.36 - 350+53.49, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

TDS TELECOM
WETLAND
BLACK EARTH ELECTRIC UTILITY
SHLDR HINGE PT
EXISTING RW
SLOPE INTERCEPT

337+00
338+00
339+00
340+00
341+00
342+00
343+00
STH 78

SHLDR HINGE PT
EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 52	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 021203_PD - 4
PLOT DATE : 7/14/2016 3:18 PM
PLOT BY : BREGAUDIT, CHARLENE PLOT NAME :
PLOT SCALE : 1 IN:40 FT

STA 331+90.00 - 332+43.13, LT, MGS GUARDRAIL TERMINAL EAT
STA 332+43.13 - 349+08.00, LT, MGS GUARDRAIL 3 K
STA 349+08.00 - 350+00.36, LT, MGS GUARDRAIL 3
STA 350+00.36 - 350+53.49, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

BLACK EARTH ELECTRIC UTILITY
TDS TELECOM
WETLAND
EXISTING RW
SHLDR HINGE PT
SLOPE INTERCEPT
GUY
GUY
ATG
OH
344+00
345+00
346+00
347+00
348+00
349+00
STH 78
SHLDR HINGE PT
EXISTING RW

LEGEND
SILT FENCE
EROSION BALE, BARRIER
INLET PROTECTION
TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 53	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 021203_PD - 5
PLOT DATE : 7/14/2016 3:18 PM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

STA 331+90.00 - 332+43.13, LT, MGS GUARDRAIL TERMINAL EAT
STA 332+43.13 - 349+08.00, LT, MGS GUARDRAIL 3 K
STA 349+08.00 - 350+00.36, LT, MGS GUARDRAIL 3
STA 350+00.36 - 350+53.49, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EAT POST #9
STA 350+03.49
18.00 LT*

EAT POST #5
STA 350+28.49
18.50 LT*

EAT POST #1
STA 350+53.49
19.00 LT*

SLOPE INTERCEPT

BLACK EARTH ELECTRIC UTILITY

TDS TELECOM

SHLDR HINGE PT

15:1 TAPER

3:1 TAPER

GUY

WETLAND

EXISTING RW

350+00 351+00 352+00 353+00 354+00 355+00

STH 78

POST

SHLDR HINGE PT

EAT POST #1
STA 352+14.79
18.00 RT*

EAT POST #5
STA 352+39.79
18.00 RT*

SIGN

SLOPE INTERCEPT

EAT POST #9
STA 352+64.79
18.00 RT*

EXISTING RW

STA 353+55.00
18.00 RT*

STA 353+95.00
16.00 RT*

WETLAND

BLACK EARTH ELECTRIC UTILITY

EAT POST #1
STA 354+52.00
18.00 RT*

EAT POST #5
STA 354+27.00
17.00 RT*

EAT POST #9
STA 354+02.00
16.00 RT*

CHARTER COMMUNICATIONS

FO

STA 352+14.79 - 352+67.92, RT, MGS GUARDRAIL TERMINAL EAT
STA 352+67.92 - 353+87.07, RT, MGS GUARDRAIL 3 K
STA 353+98.87 - 354+52.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 54	E

2

2

STA 372+38.38 - 372+91.51, LT, MGS GUARDRAIL TERMINAL EAT
STA 372+91.51 - 373+10.00, LT, MGS GUARDRAIL 3
STA 373+10.00 - 373+67.00, LT, MGS GUARDRAIL 3 K
STA 373+67.00 - 374+72.87, LT, MGS GUARDRAIL 3
STA 374+72.87 - 375+26.00, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

TDS TELECOM
EAT POST #5
STA 372+63.38
19.00 LT*
EAT POST #9
STA 372+88.38
18.00 LT*
BLACK EARTH ELECTRIC UTILITY
EAT POST #5
STA 375+01.00
18.00 LT*
WETLAND
EAT POST #1
STA 375+26.00
18.00 LT*
EAT POST #1
STA 372+38.38
20.00 LT*
EAT POST #9
STA 374+76.00
18.00 LT*
WETLAND
EXISTING RW
SLOPE INTERCEPT
SHLDR HINGE PT
10:1 TAPER
3:1 TAPER
8:1 TAPER
370+00
371+00
372+00
373+00
374+00
375+00
376+00
STH 78
3:1 TAPER
8:1 TAPER
EAT POST #1
STA 371+29.78
18.00 RT*
TDS TELECOM
SHLDR HINGE PT
SLOPE INTERCEPT
STA 373+80.80
33.00 RT*
R15'
6:1 TAPER
3:1 TAPER
EAT POST #1
STA 374+71.18
20.00 RT*
EAT POST #9
STA 375+21.18
18.00 RT*
EAT POST #5
STA 371+54.78
18.00 RT*
EAT POST #9
STA 371+79.78
18.00 RT*
EXISTING RW
WETLAND
WETLAND
EAT POST #5
STA 374+96.18
19.00 RT*
EXISTING RW
BLACK EARTH ELECTRIC UTILITY
TDS TELECOM
BLACK EARTH ELECTRIC UTILITY

STA 371+29.78 - 371+79.78, RT, STEEL PLATE BEAM GUARD EAT
STA 371+79.78 - 373+56.00, RT, GUARDRAIL STIFFENED LHW
STA 373+56.00 - 373+80.00, RT, STEEL PLATE BEAM GUARD CLASS A
STA 373+80.00 - 373+92.04, RT, STEEL PLATE BEAM GUARD SHORT RADIUS
STA 373+92.04, RT, STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

* TO FACE OF RAIL

LEGEND
- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 55	E

2

N

WETLAND

SHLDR HINGE PT

BLACK EARTH ELECTRIC UTILITY

EXISTING RW

HO

GUY

377+00

378+00

379+00

380+00

381+00

382+00

STH 78

3:1 TAPER

12:1 TAPER

BLACK EARTH ELECTRIC UTILITY

EXISTING RW

SHLDR HINGE PT

SLOPE INTERCEPT

EAT POST #1
STA 380+96.59
20.00 RT*

EAT POST #5
STA 380+71.59
19.00 RT*

EAT POST #9
STA 380+46.59
18.00 RT*

STA 374+71.18 - 375+24.31, RT, MGS GUARDRAIL TERMINAL EAT
STA 375+24.31 - 380+43.46, RT, MGS GUARDRAIL 3
STA 380+43.46 - 380+96.59, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 56	E

2

2

STA 394+08.42 - 394+61.55, LT, MGS GUARDRAIL TERMINAL EAT
STA 394+61.55 - 398+76.00, LT, MGS GUARDRAIL 3
STA 398+76.00 - 401+46.87, LT, MGS GUARDRAIL 3 K
STA 401+46.87 - 402+00.00, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EAT POST #5
STA 394+33.42
18.00 LT*

TDS TELECOM

EXISTING RW

EAT POST #1
STA 394+08.42
18.00 LT*

EAT POST #9
STA 394+58.42
18.00 LT*

BLACK EARTH ELECTRIC UTILITY

SLOPE INTERCEPT

SHLDR HINGE PT

FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO

OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH OH

GUY

15:1 TAPER

3:1 TAPER

392+00 393+00 394+00 395+00 396+00 397+00

STH 78

3:1 TAPER

15:1 TAPER

15:1 TAPER

SHLDR HINGE PT

TDS TELECOM

EAT POST #1
STA 393+13.86
20.00 RT*

EAT POST #5
STA 393+38.86
19.00 RT*

EAT POST #9
STA 393+63.86
18.00 RT*

SLOPE INTERCEPT

EAT POST #9
STA 395+50.00
18.00 RT*

EAT POST #5
STA 395+75.00
19.00 RT*

EAT POST #1
STA 396+00.00
20.00 RT*

EXISTING RW

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

STA 393+13.86 - 393+66.99, RT, MGS GUARDRAIL TERMINAL EAT
STA 393+66.99 - 395+46.87, RT, MGS GUARDRAIL 3
STA 395+46.87 - 396+00.00, RT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 57	E

2

2

STA 394+08.42 - 394+61.55, LT, MGS GUARDRAIL TERMINAL EAT
STA 394+61.55 - 398+76.00, LT, MGS GUARDRAIL 3
STA 398+76.00 - 401+46.87, LT, MGS GUARDRAIL 3 K
STA 401+46.87 - 402+00.00, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

BLACK EARTH ELECTRIC UTILITY
EXISTING RW
SLOPE INTERCEPT
SHLDR HINGE PT
EAT POST #9
STA 401+50.00
18.00 LT*
EAT POST #5
STA 401+75.00
18.00 LT*
EAT POST #1
STA 402+00.00
18.00 LT*
TDS TELECOM
15:1 TAPER
3:1 TAPER
STH 78
398+00
399+00
400+00
401+00
402+00
403+00
OH
FTO
T
SHLDR HINGE PT
EXISTING RW
TDS TELECOM

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

PROJECT NO:5600-00-60	HWY:STH 78	COUNTY:DANE	PLAN DETAILS	SHEET 58	E

2

STA 407+83.37 - 408+36.50, LT, MGS GUARDRAIL TERMINAL EAT
STA 408+36.50 - 410+17.77, LT, MGS GUARDRAIL 3
STA 410+17.77 - 410+70.90, LT, MGS GUARDRAIL TERMINAL EAT

* TO FACE OF RAIL

N

EAT POST #5
STA 408+08.37
19.00 LT*

EAT POST #1
STA 407+83.37
20.00 LT*

WETLAND

BLACK EARTH ELECTRIC UTILITY

TDS TELECOM

SLOPE INTERCEPT

EAT POST #9
STA 408+33.37
18.00 LT*

EAT POST #9
STA 410+20.90
18.00 LT*

EAT POST #5
STA 410+45.90
19.00 LT*

EAT POST #1
STA 410+70.90
20.00 LT*

EXISTING RW

SHLDR HINGE PT

8:1 TAPER

3:1 TAPER

15:1 TAPER

3:1 TAPER

407+00

408+00

409+00

410+00

411+00

412+00

TDS TELECOM

STH 78

POST

GUY

EXISTING RW

WETLAND

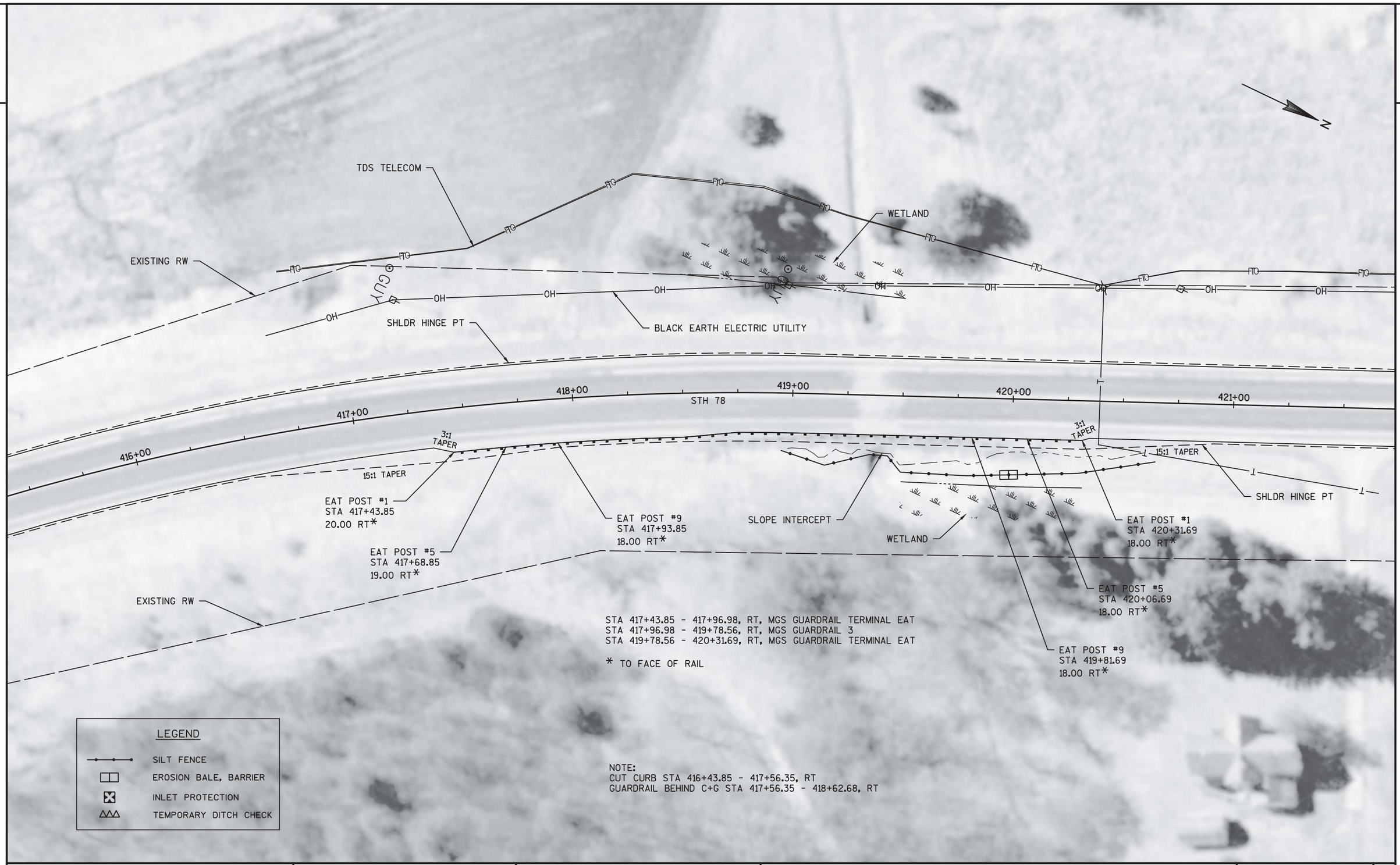
SHLDR HINGE PT

LEGEND

- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK

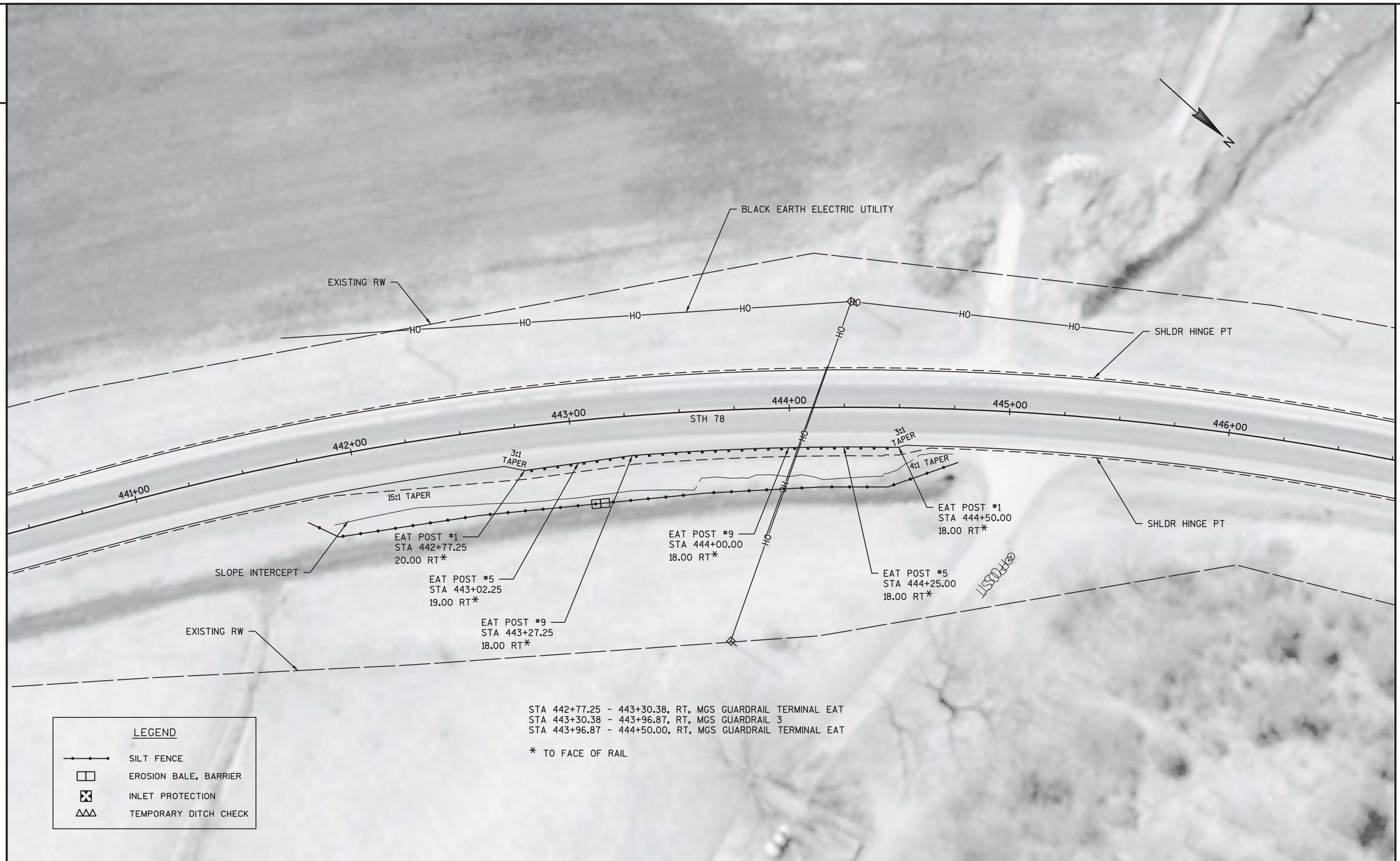
PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 59	E

2



PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 60	E

2



STA 442+77.25 - 443+30.38, RT, MGS GUARDRAIL TERMINAL EAT
STA 443+30.38 - 443+96.87, RT, MGS GUARDRAIL 3
STA 443+96.87 - 444+50.00, RT, MGS GUARDRAIL TERMINAL EAT

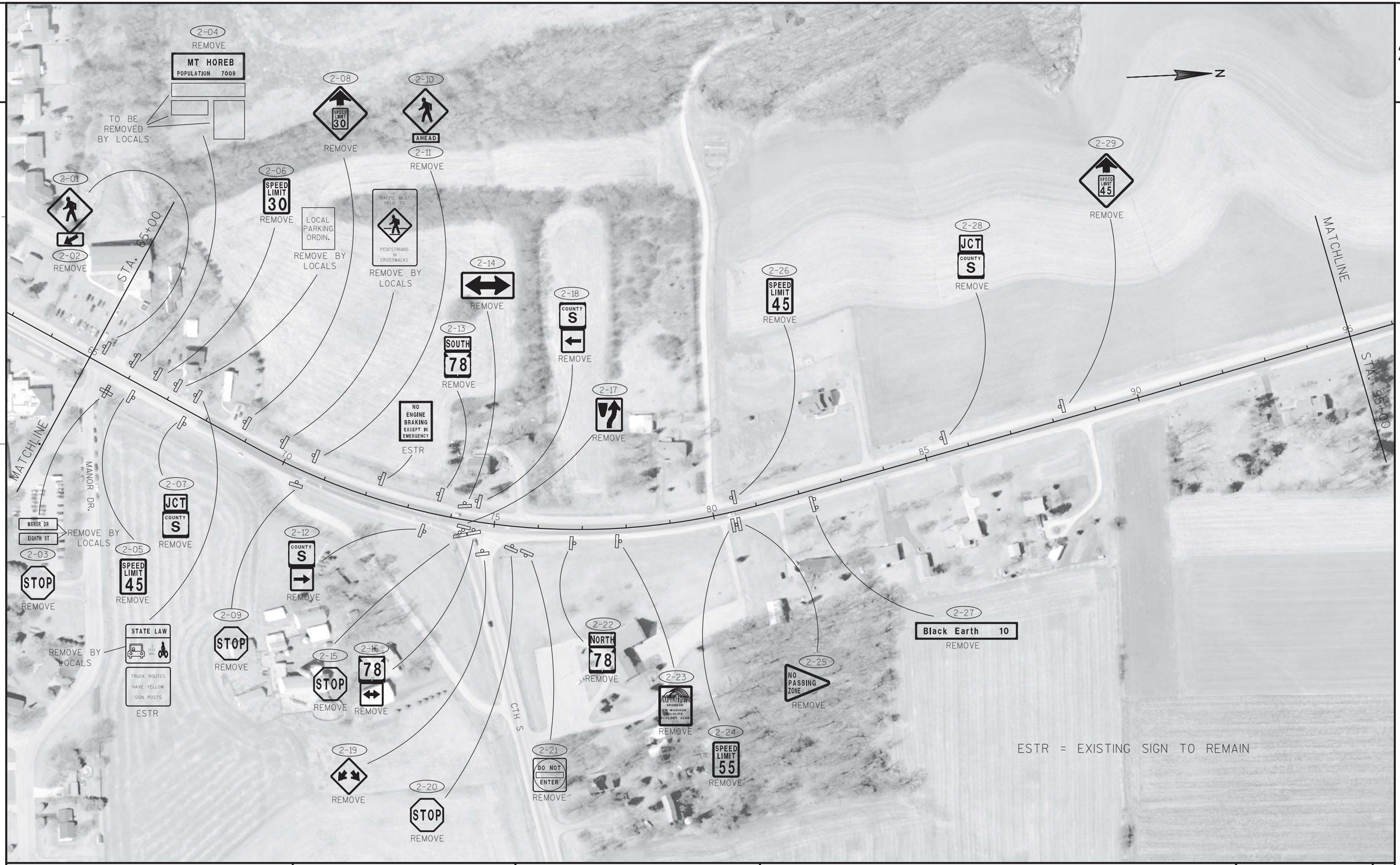
* TO FACE OF RAIL

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN DETAILS	SHEET 61	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 62 E



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 63	E

2

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 64	E

2

N

STA. 126+00

130

135

140

145

150

155

STA. 157+00

MATCH LINE

CTH J

4-01
NO PASSING ZONE
REMOVE

4-02
NO PASSING ZONE
REMOVE

4-03
JCT
COUNTY J
REMOVE

4-04
Ski Area
Tyrol Basin
REMOVE

4-05
REMOVE

4-06
SOUTH
78
REMOVE

4-07
COUNTY J 78
REMOVE

4-08
STOP
REMOVE

4-09
COUNTY J
REMOVE

4-10
REMOVE

4-11
COUNTY J
REMOVE

4-12
REMOVE
Riley
SPONSOR VERMONT LUTHERAN CHURCH BLACK EARTH

4-13
REMOVE

4-14
SPONSOR UW-MADISON WILDLIFE ECOLOGY CLUB
REMOVE

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 65	E

2

N

MATCH LINE STA. 157+00

MATCH LINE STA. 188+00

5-01 REMOVE

5-02 Ski Area / Tyrol Basin 5-03 REMOVE

5-04 REMOVE COUNTY J

5-05 REMOVE

5-06 COUNTY J REMOVE

5-07 REMOVE STOP

5-08 REMOVE COUNTY J 78

5-09 REMOVE

5-10 NORTH 78 REMOVE

5-11 JCT COUNTY J REMOVE

5-12 REMOVE

5-13 REMOVE

160 165 170 175 180 185

CTH J

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 66	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\023201_PS.DWG PLOT DATE : 7/28/2016 4:45 PM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:200 FT WISDOT/CADDS SHEET 42

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 67	E



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 68	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\023201_PS.DWG PLOT DATE : 7/28/2016 4:45 PM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

STA. 250+00

STA. 281+00

8-01
REMOVE

8-03
REMOVE

8-05
STOP
REMOVE

GREENWALD RD.

250 255 260 265 270 275 280

MATCHLINE

8-02
REMOVE

8-04
NO PASSING ZONE
REMOVE

MATCHLINE

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 69	E

2

N

MATCHLINE

280

285

290

295

300

305

310

MATCHLINE

STA. 281+00

STA. 312+00

HOWERY RD.

9-01
NO PASSING ZONE
REMOVE

9-02
REMOVE

45 M.P.H.
REMOVE
9-03

9-04
STOP
REMOVE

REMOVE POST
9-05

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 70	E



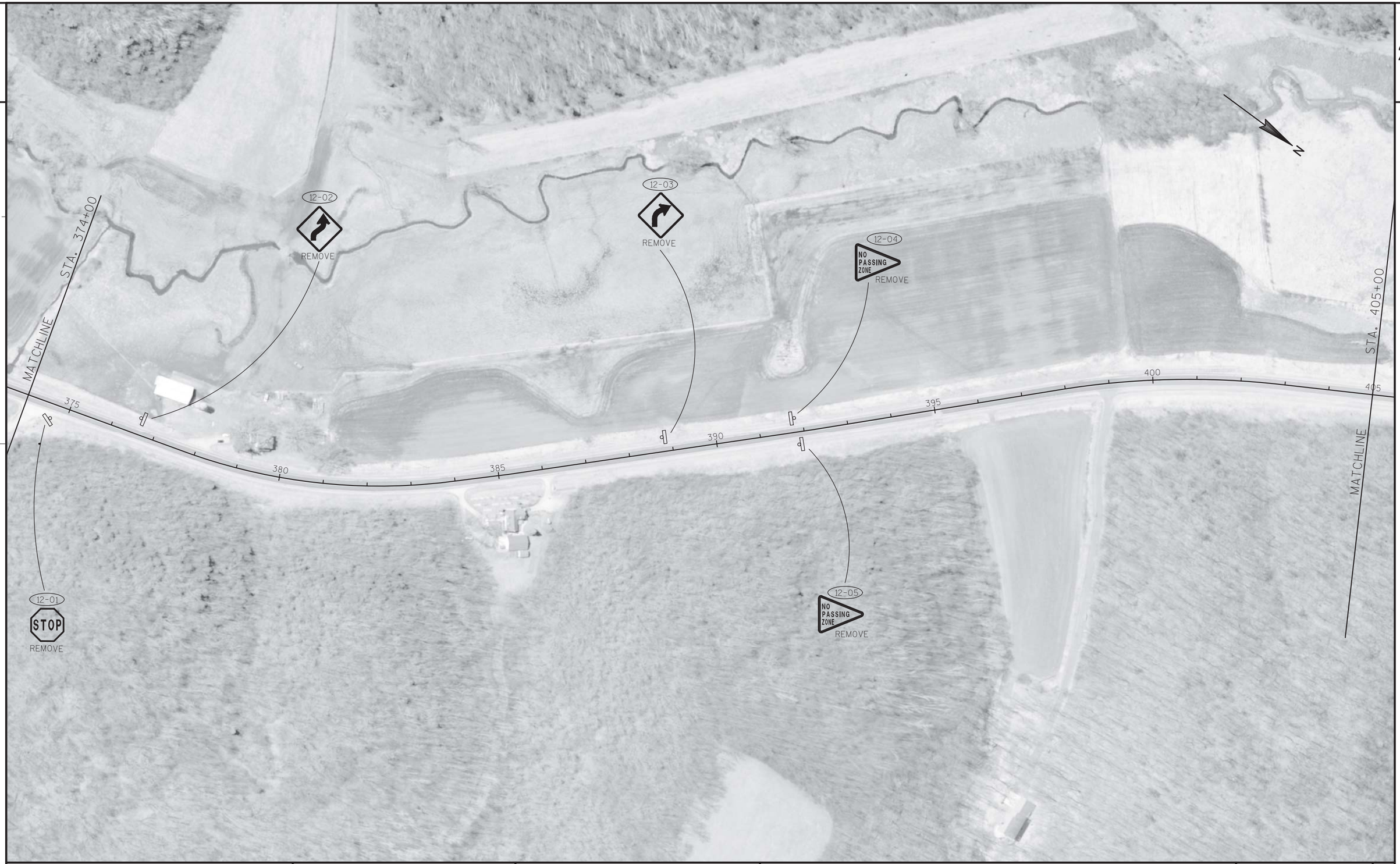
PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 71	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 72	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 73	E

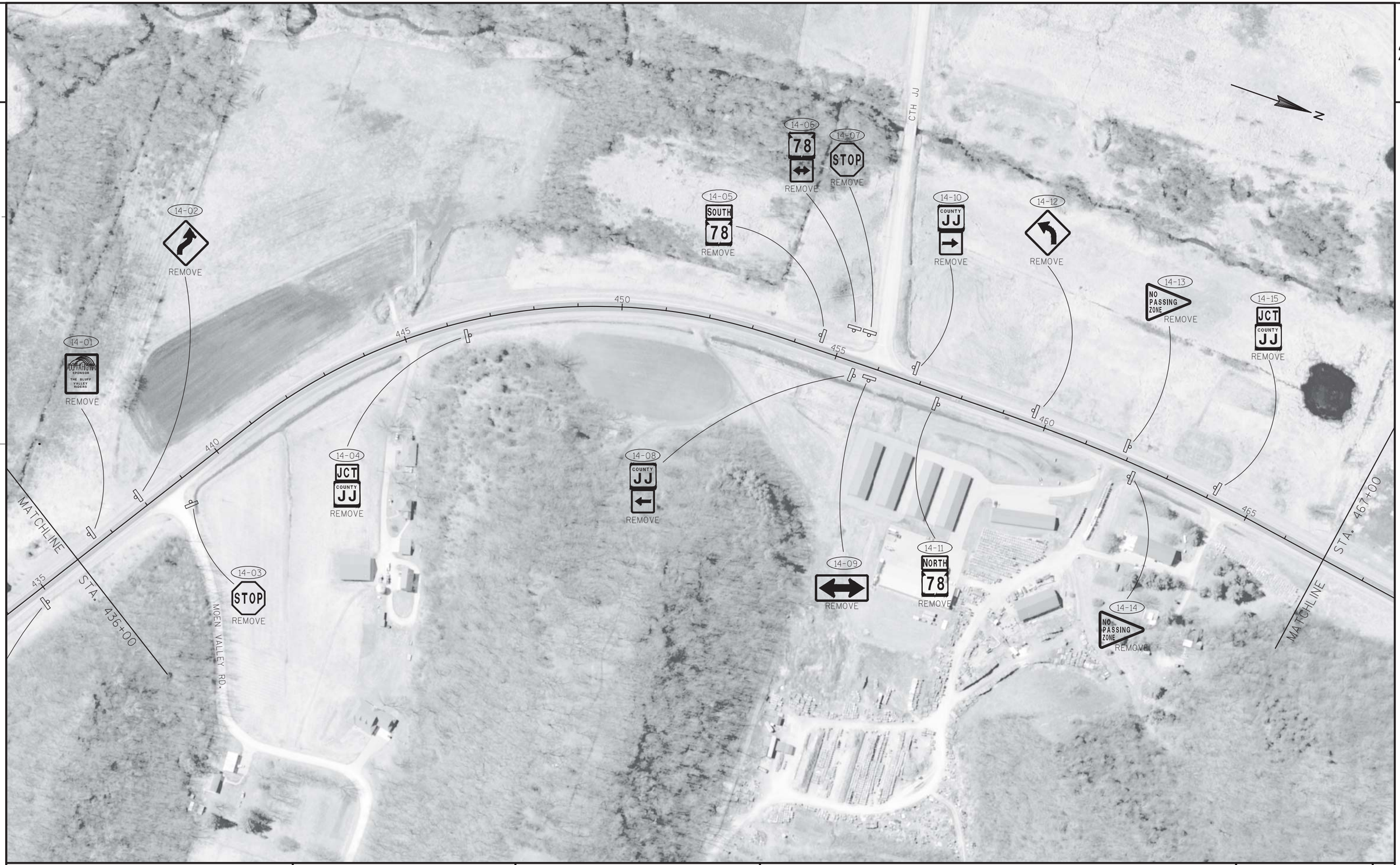
2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 74 E

2

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 75	E

2

N

STA. 467+00

MATCHLINE

470 475 480 485 490 495

15-01
STOP
REMOVE

MICHAELIS RD.

15-03
NO PASSING ZONE
REMOVE

15-06
Mt Horeb 10
REMOVE

15-08
SPEED LIMIT 55
REMOVE

15-09
SOUTH 78
REMOVE

15-02
NO PASSING ZONE
REMOVE

15-04
REMOVE

15-05
SPEED LIMIT 45
REMOVE

NO ENGINE BRAKING EXCEPT IN EMERGENCY
WITHIN VILLAGE LIMITS
ESTR

15-07
SPEED LIMIT 45
REMOVE

MATCHLINE

STA. 498+00

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 76	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	SIGN REMOVALS	SHEET 77	E

2

N

17-04
SPEED LIMIT 35
REMOVE

17-03
SOUTH 78
REMOVE

17-06
COUNTY KP | COUNTY F
REMOVE

CTH KP

STA. 529+00

530

535

538

MATCHLINE

CLEARY AVE.

HUBBELL ST.

REMINGTON ST.

REMOVE BY LOCALS
CLEARY AVE
MILLS ST

17-01
STOP
REMOVE

17-02
JCT | JCT
COUNTY KP | COUNTY F
REMOVE

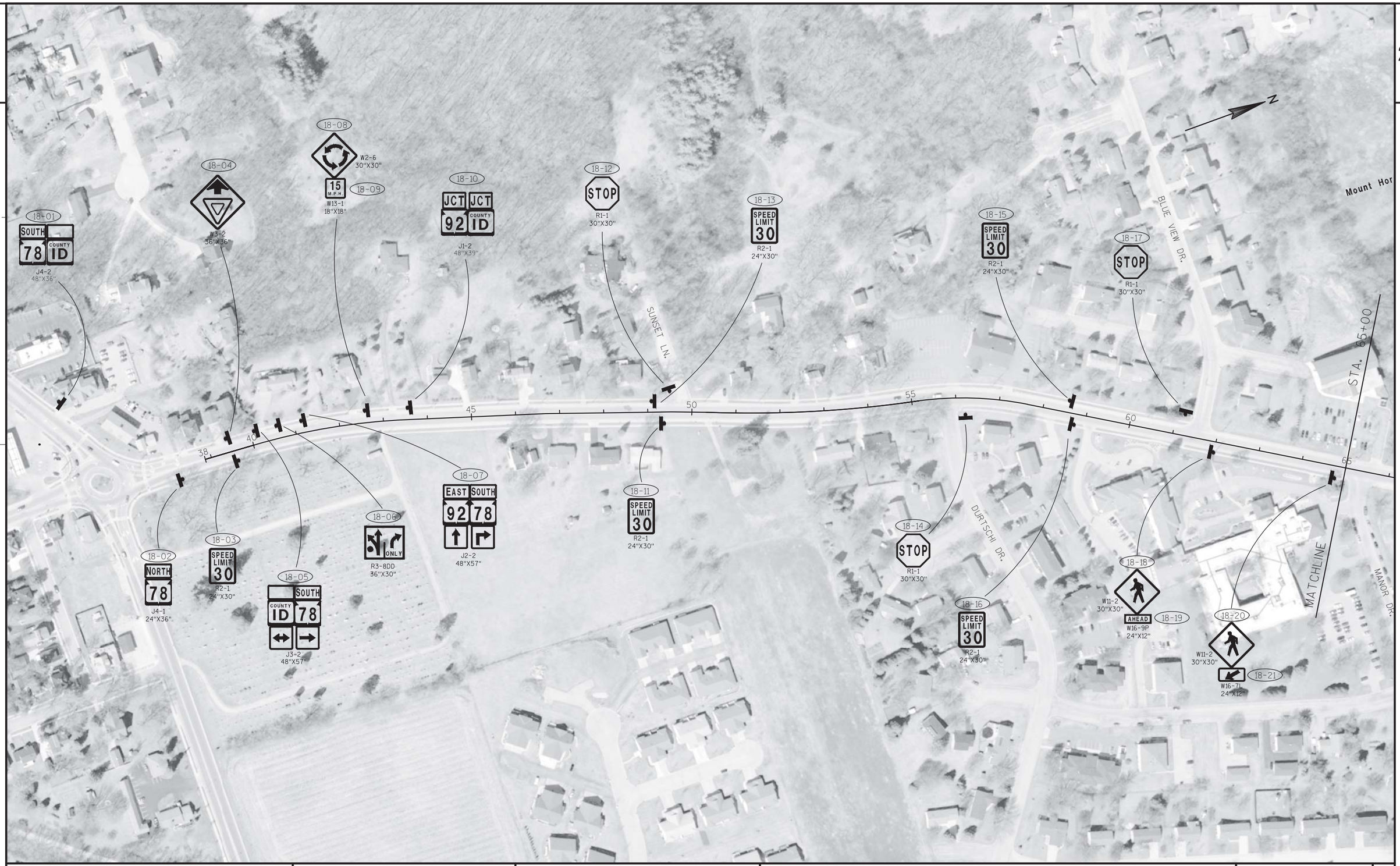
17-05
COUNTY KP | COUNTY F
REMOVE

17-07
SPEED LIMIT 25
REMOVE

17-08
NORTH 78
REMOVE

CTH KP

PROJECT NO: 5600-00-60	HWY: DANE	COUNTY: STH 78	SIGN REMOVALS	SHEET 78	E

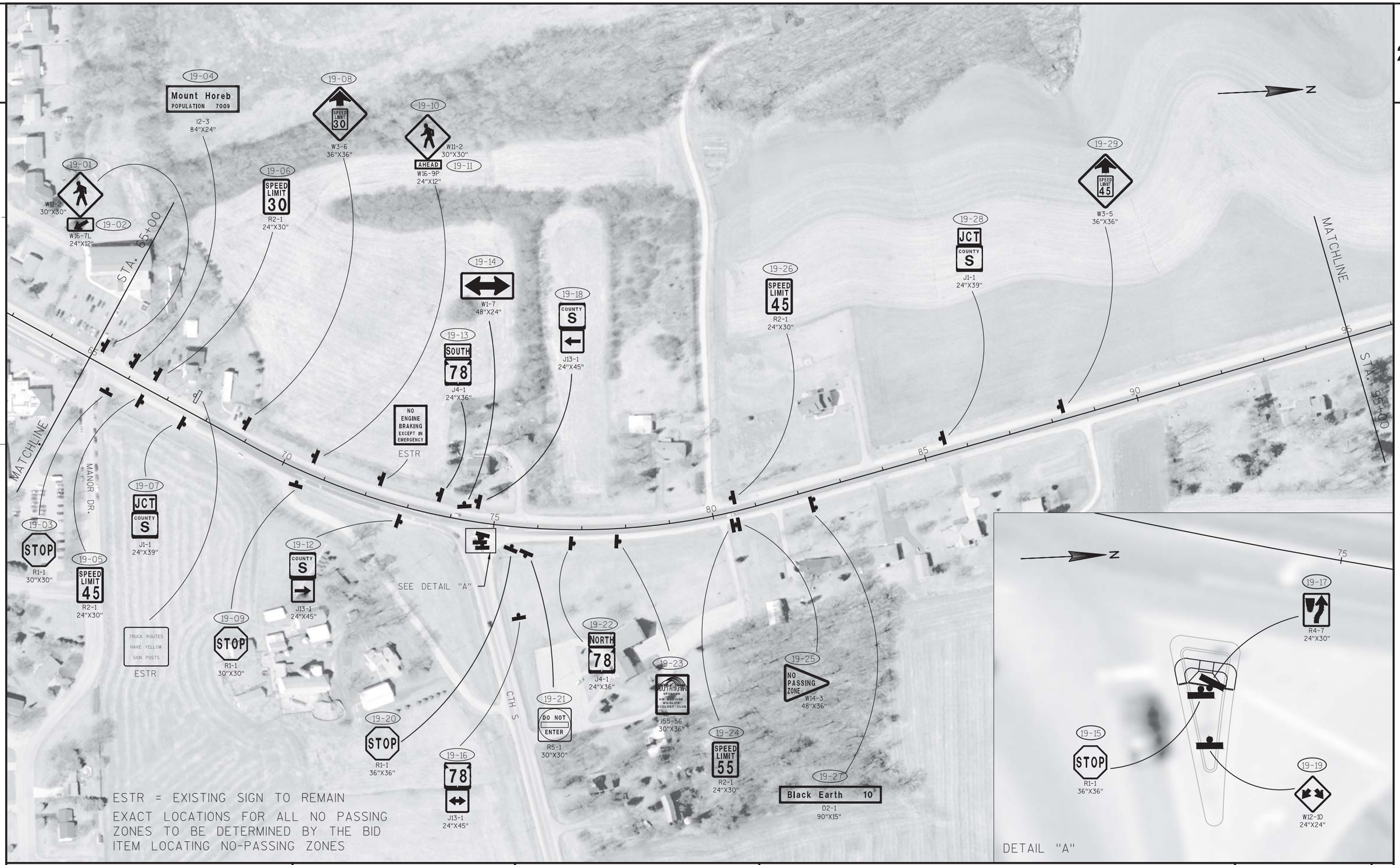


PROJECT NO: 5630-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 79	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\023202_PS.DWG PLOT DATE : 7/28/2016 9:21 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1" = 200'_XREF

WISDOT/CADDS SHEET 42

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 80	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 81	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 82	E

2

N

22-02
Ski Area
Tyrol Basin
D7-82
36"X36"

22-03
D7-82A
36"X15"

22-05
W1-7
48"X24"

22-06
COUNTY
J
J13-1
24"X45"

22-10
Riley
D1-1
48"X15"

22-12
JCT
COUNTY
J
J1-1
24"X39"

22-13
S3-1
36"X36"

22-14
S3-1
36"X36"

MATCH LINE
STA. 157+00

160
165
170
175
180
185

22-04
J13-1
24"X45"
COUNTY
J

22-01
W1-4L
30"X30"

22-07
R1-1
30"X30"
STOP

22-08
J13-2
48"X45"
COUNTY
J
78

22-09
W7-1
30"X30"

22-11
NORTH
78
J4-1
24"X36"

CTH J

MATCH LINE
STA. 188+00

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 83	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\023202_PS.DWG PLOT DATE : 7/28/2016 9:22 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1" = 200'_XREF
WISDOT/CADDS SHEET 42

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 84	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 85	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 86	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 87	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 88	E

2

N

28-03
STOP
R1-1
30"X30"

VERMONT CHURCH RD.

MATCHLINE STA. 374+00

345 350 355 360 365 370

MATCHLINE STA. 343+00

28-01
W1-4R
30"X30"

28-02
STOP
R1-1
30"X30"

28-04
SPONSOR
THE BLUFF VALLEY RIDERS
I55-56
30"X36"

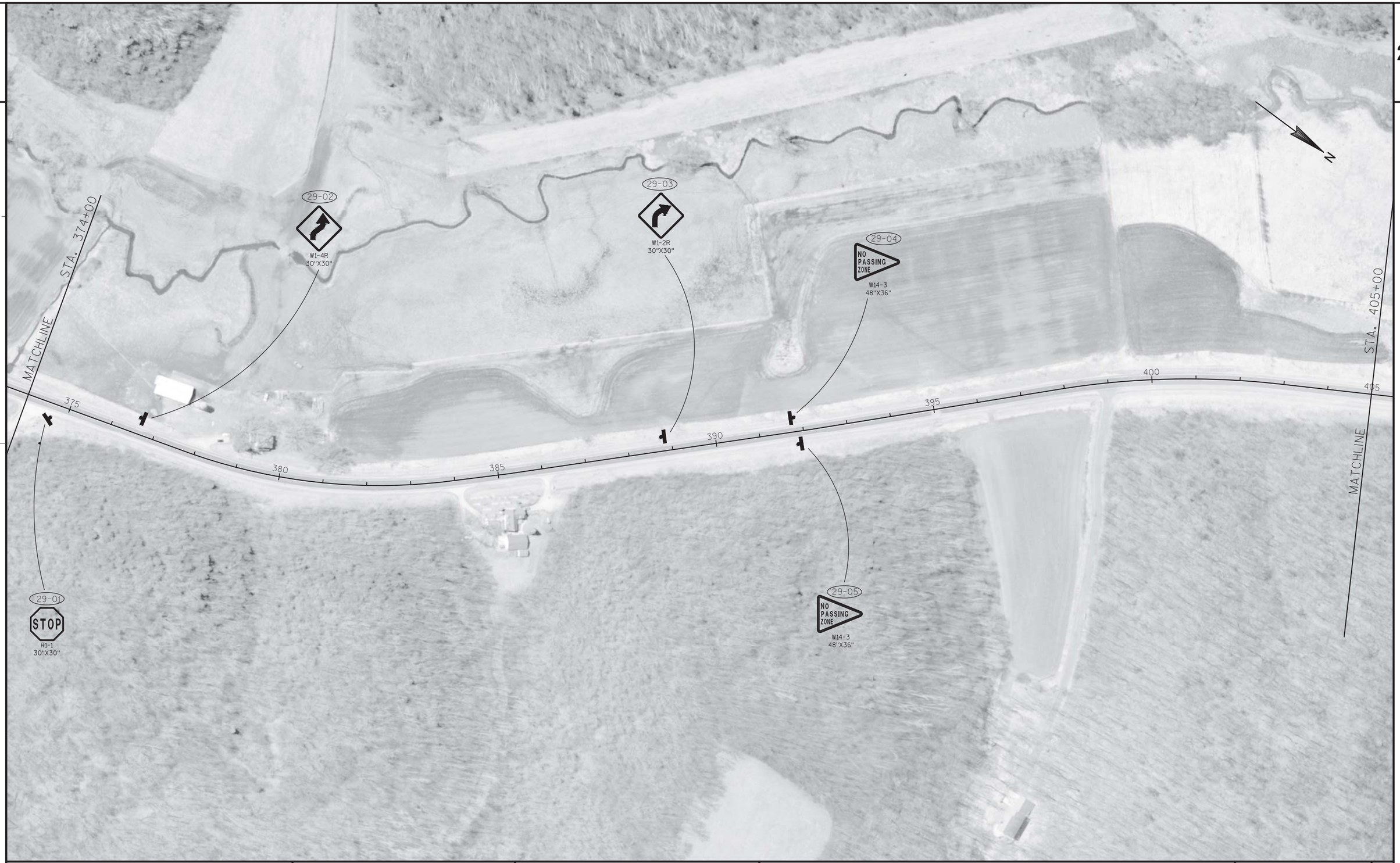
UNION VALLEY RD.

28-05
STOP
R1-1
30"X30"

28-06
W1-2L
30"X30"

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 89	E

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 90	E

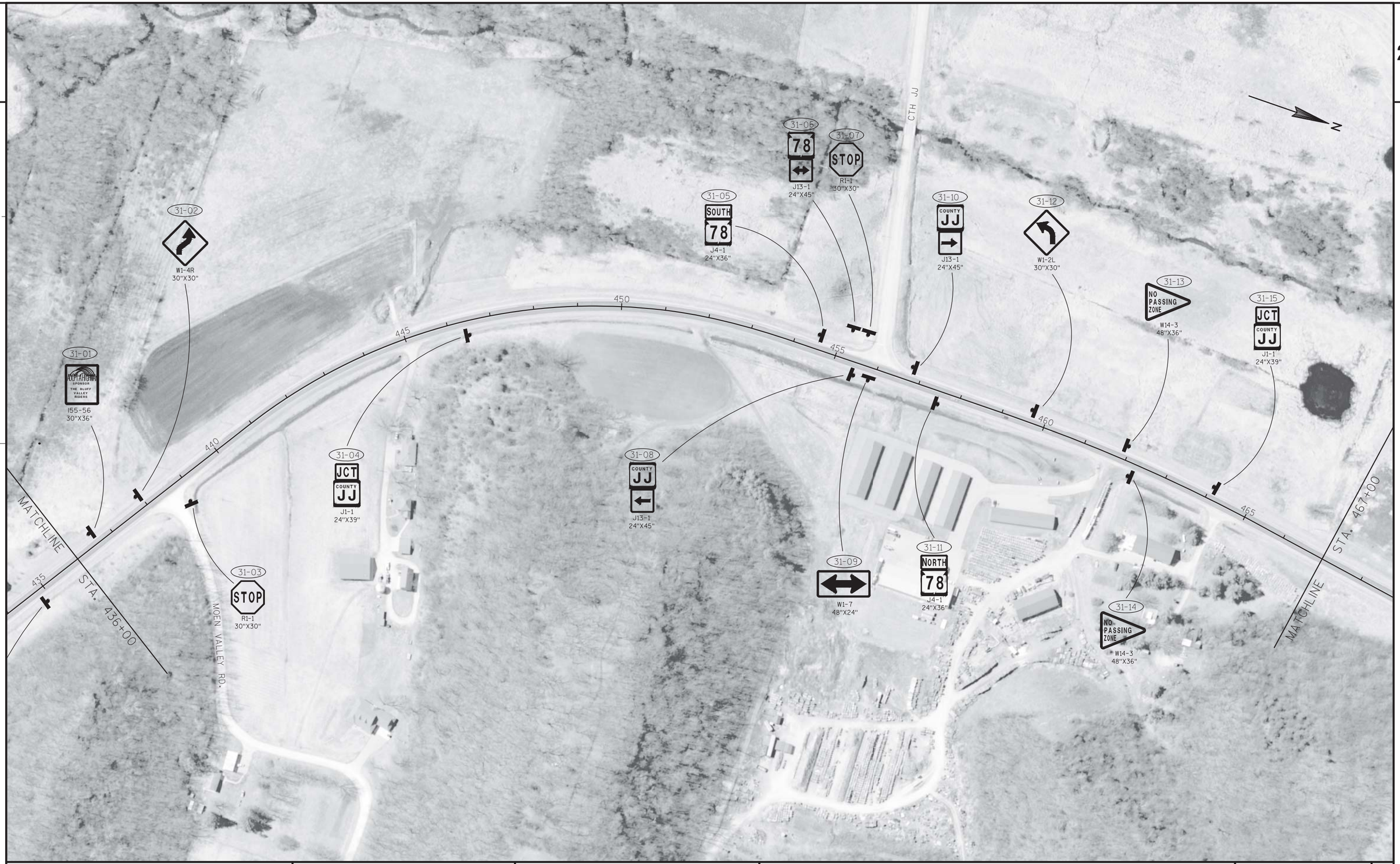
2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\023202_PS.DWG PLOT DATE : 7/28/2016 9:23 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1" = 200'_XREF

2



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\023202_PS.DWG PLOT DATE : 7/28/2016 9:23 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1" = 200'_XREF

2

N

MATCHLINE STA. 467+00

MICHAELIS RD.

470 475 480 485 490 495

MATCHLINE STA. 498+00

32-01
STOP
R1-1
30"X30"

32-02
NO PASSING ZONE
W14-3
48"X36"

32-03
NO PASSING ZONE
W14-3
48"X36"

32-04
W1-2R
30"X30"

32-05
SPEED LIMIT 45
W3-5
36"X36"

32-06
Mount Horeb 10
D2-1
84"X24"

32-07
SPEED LIMIT 45
R2-1
24"X30"

32-08
SPEED LIMIT 55
R2-1
24"X30"

32-09
SOUTH 78
J4-1
24"X36"

NO ENGINE BRAKING EXCEPT IN EMERGENCY
WITHIN VILLAGE LIMITS
ESTR

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 93	E

2

N

MATCHLINE STA. 498+00

MATCHLINE STA. 529+00

500 505 510 515 520 525

BLUE MOUNDS ST.

RED HAWK RUN

NICOLE CT.

HILLCREST DR.

33-01
BLACK EARTH
POPULATION 1338
I2-3
78"X24"

33-02
SPEED LIMIT 45
R2-1
24"X30"

33-04

33-05
W1-2L
30"X30"

33-06
SPEED LIMIT 35
R2-1
24"X30"

33-07
SPEED LIMIT 45
R2-1
24"X30"

33-08
NO PASSING ZONE
W14-3
48"X36"

33-09
STOP
R1-1
30"X30"

33-10
SPEED LIMIT 35
R2-1
24"X30"

33-11
STOP
R1-1
30"X30"

33-12
SPEED LIMIT 35
R2-1
24"X30"

33-13
SPEED LIMIT 35
R2-1
24"X30"

33-14
STOP
R1-1
30"X30"

33-15
SPEED LIMIT 35
R2-1
24"X30"

33-03
STOP
R1-1
30"X30"

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET 94	E

2

N

STA. 529+00

530

535

540

MATCHLINE

CLEARY AVE.

CTH KP

HUBELL ST.

REMINGTON ST.

34-01
STOP
R1-1
30"X30"

34-02
JCT COUNTY F
JCT COUNTY KP
J1-2
48"X39"

34-03
SOUTH 78
J4-1
24"X36"

34-04
SPEED LIMIT 35
R2-1
24"X30"

34-05
COUNTY F
COUNTY KP
J15-2
48"X45"

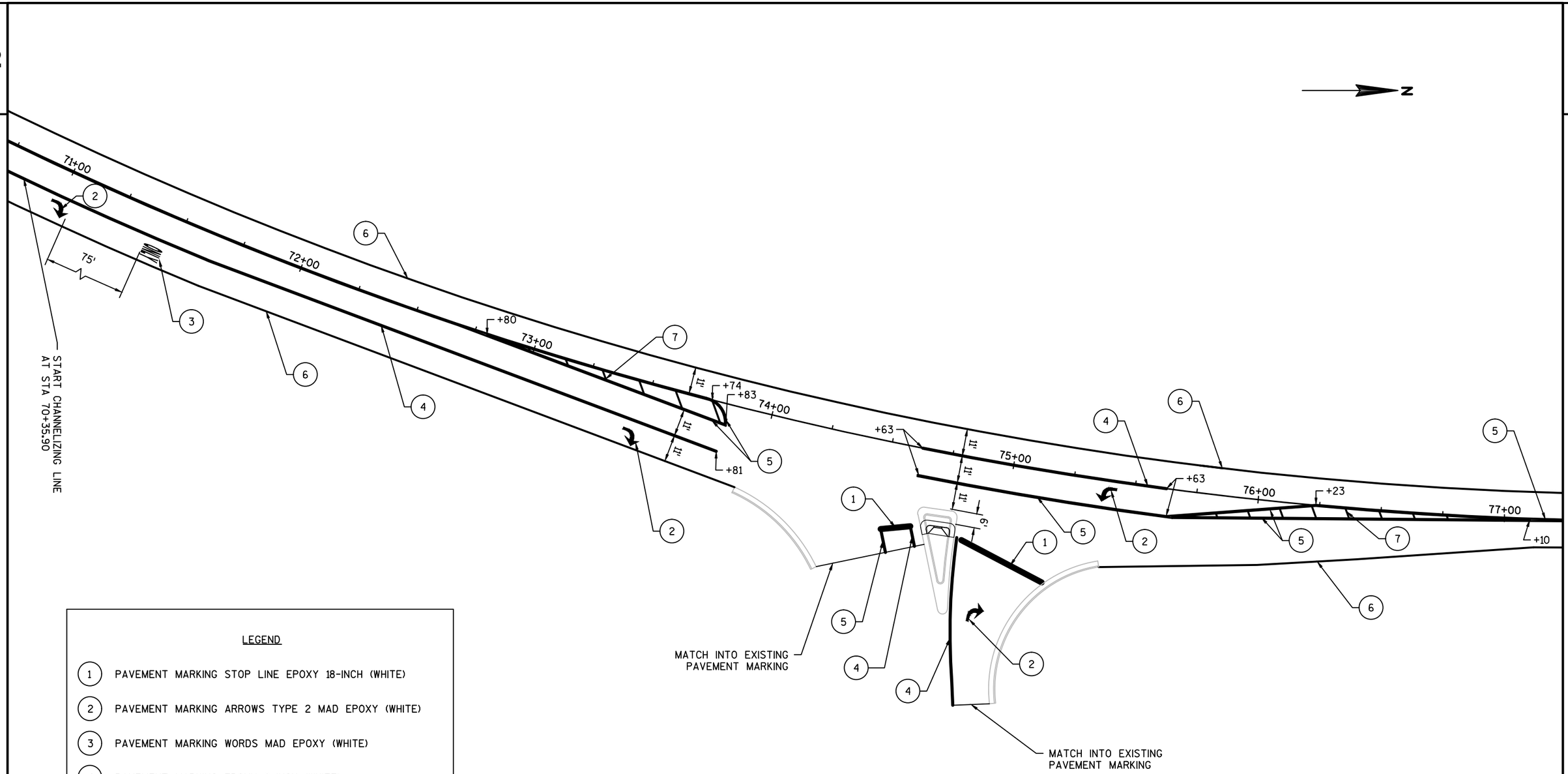
34-06
COUNTY KP
COUNTY F
J13-2
48"X45"

34-07
SPEED LIMIT 25
R2-1
24"X30"

34-08
NORTH 78 COUNTY F
J4-2
48"X36"

PROJECT NO: 5600-00-60	HWY: DANE	COUNTY: STH 78	PERMANENT SIGNING	SHEET 95	E

2



LEGEND

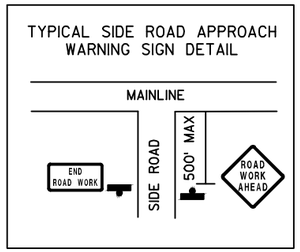
1. PAVEMENT MARKING STOP LINE EPOXY 18-INCH (WHITE)
2. PAVEMENT MARKING ARROWS TYPE 2 MAD EPOXY (WHITE)
3. PAVEMENT MARKING WORDS MAD EPOXY (WHITE)
4. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
5. PAVEMENT MARKING EPOXY 4-INCH (DOUBLE YELLOW)
6. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
7. PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (WHITE)

NOTE: SEE S.D.D. "PAVEMENT MARKING" FOR PLACEMENT

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	PAVEMENT MARKING DETAIL - CTH S INTERSECTION	SHEET 96	E

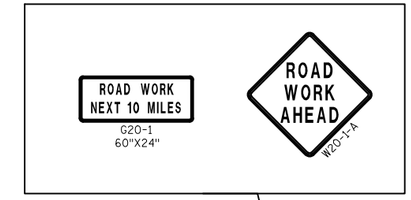
2

TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL









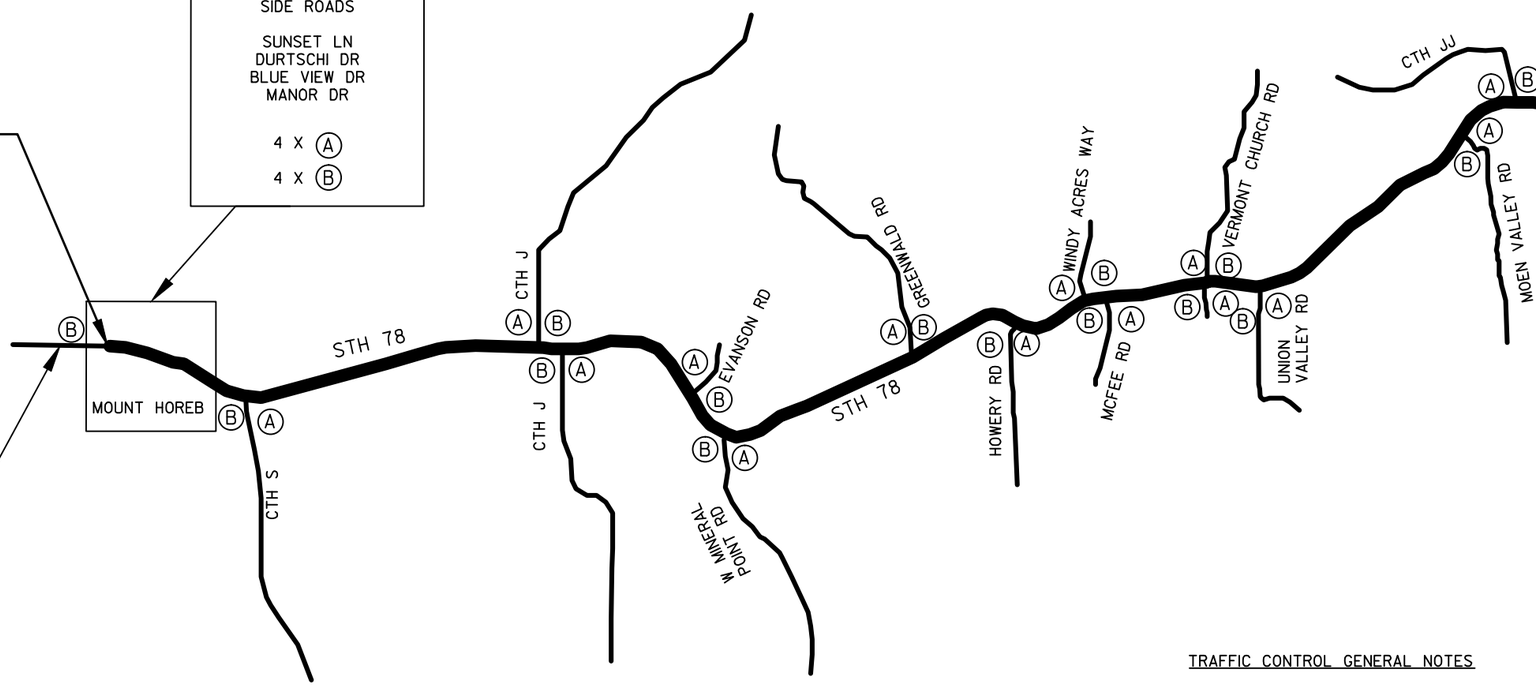
END PROJECT
STA 538+18

BEGIN PROJECT
STA 38+86

SIDE ROADS

SUNSET LN
DURTSCHI DR
BLUE VIEW DR
MANOR DR

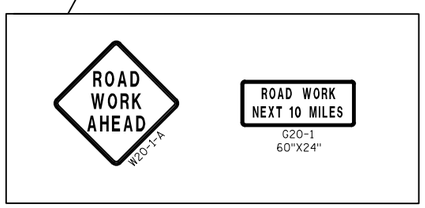
4 X (A)
4 X (B)



SIDE ROADS

RED HAWK RUN
NICOLE CT
BLUE MOUNDS ST
HILLCREST DR
CLEARY AVE

5 X (A)
5 X (B)



TRAFFIC CONTROL GENERAL NOTES

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

ALL "W" SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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 RE-ESTABLISHED.

FOR MOVING OPERATIONS SEE STANDARD DETAIL DRAWINGS "TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)" AND "MOVING PAVEMENT MARKING OPERATIONS - TWO LANE TWO-WAY ROADWAY".
FOR SHOULDER CLOSURES SEE STANDARD DETAIL DRAWING "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY".

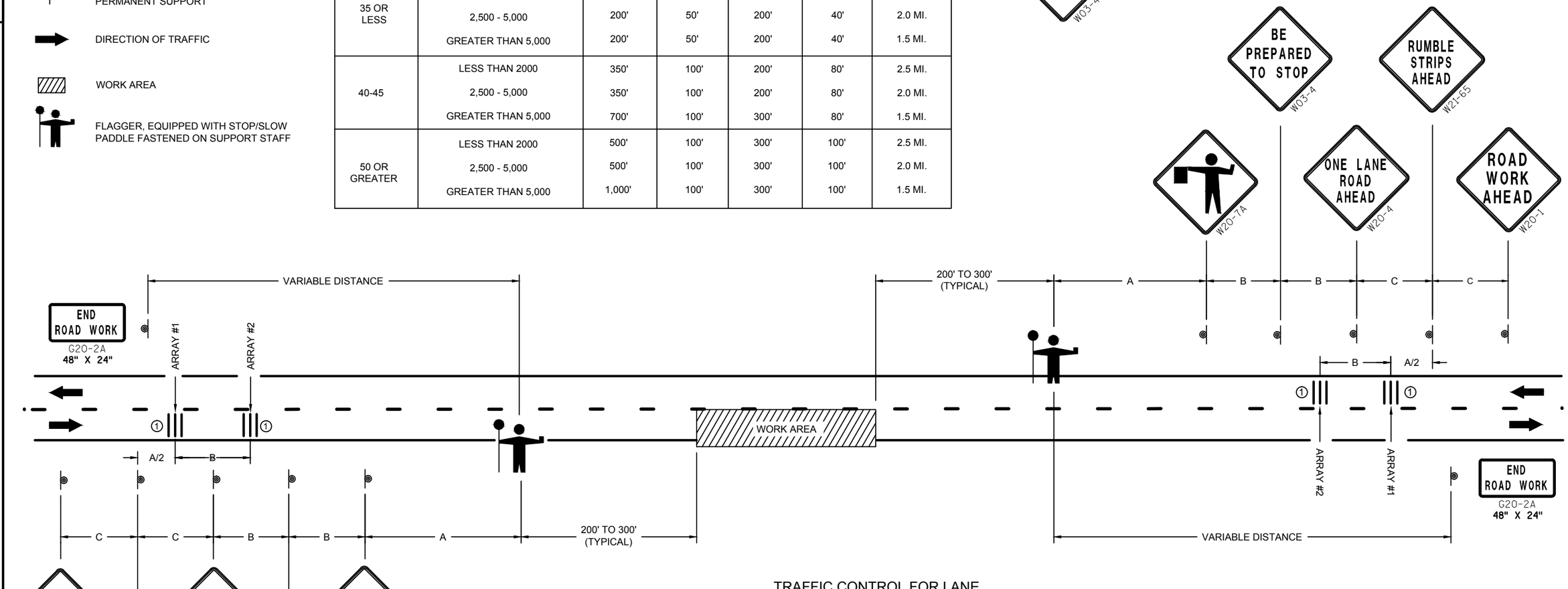
LEGEND

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SPEED LIMIT (MPH)	ADT	SIGN SPACING A, B, C	TAPER LENGTH (FT)	BUFFER ZONE (FT)	DEVICE SPACING (FT)	WORK ZONE LENGTH
35 OR LESS	LESS THAN 2000	200'	50'	200'	40'	2.5 MI.
	2,500 - 5,000	200'	50'	200'	40'	2.0 MI.
	GREATER THAN 5,000	200'	50'	200'	40'	1.5 MI.
40-45	LESS THAN 2000	350'	100'	200'	80'	2.5 MI.
	2,500 - 5,000	350'	100'	200'	80'	2.0 MI.
	GREATER THAN 5,000	700'	100'	300'	80'	1.5 MI.
50 OR GREATER	LESS THAN 2000	500'	100'	300'	100'	2.5 MI.
	2,500 - 5,000	500'	100'	300'	100'	2.0 MI.
	GREATER THAN 5,000	1,000'	100'	300'	100'	1.5 MI.



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



TRAFFIC CONTROL FOR LANE CLOSURE TEMPORARY RUMBLE STRIP ARRAY

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

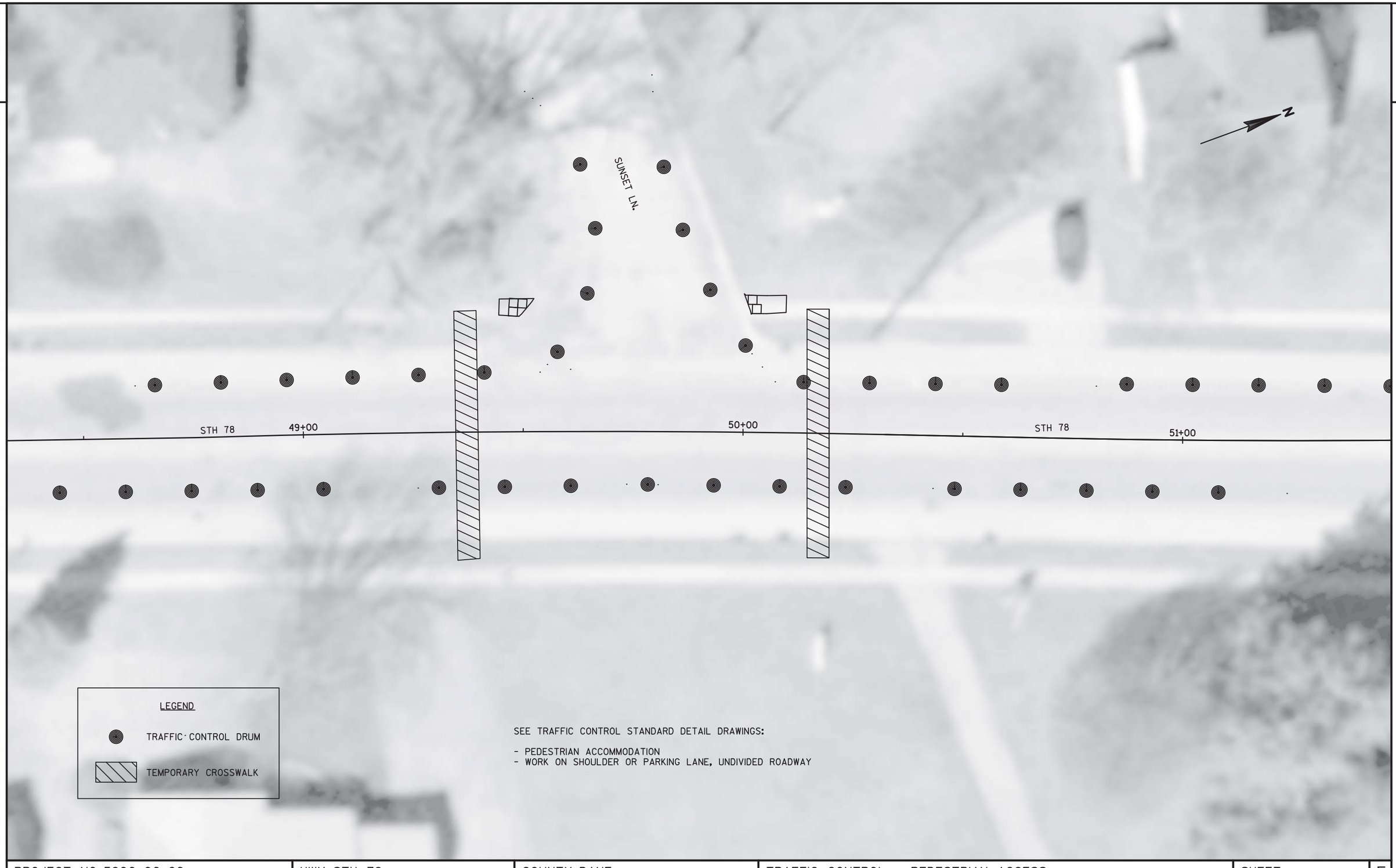
WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

① EACH RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED AT 8-10 FEET CENTER TO CENTER, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATIONS AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, REMOVE TEMPORARY RUMBLE STRIPS AND COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.



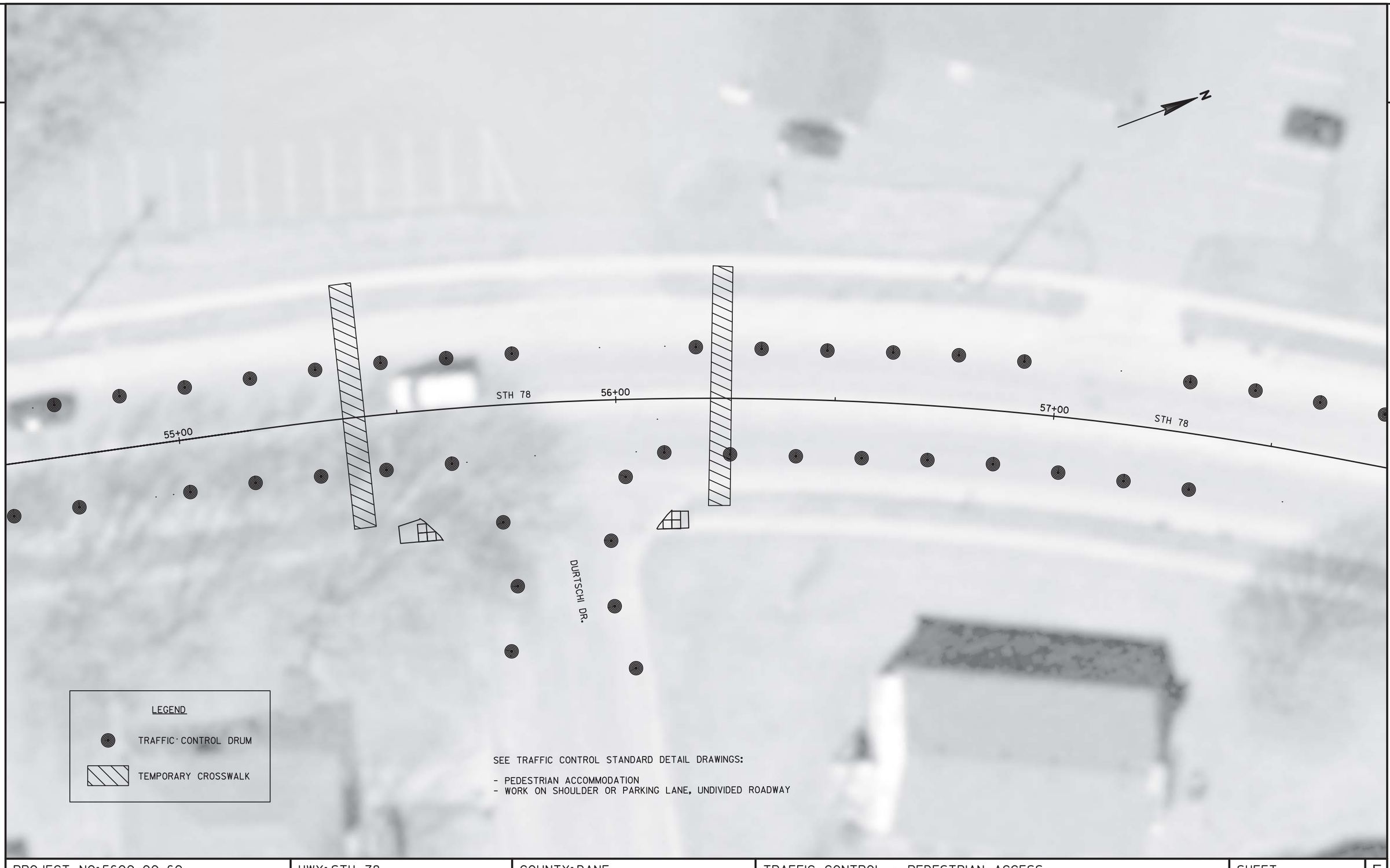
PROJECT NO:5600-00-60	HWY:STH 78	COUNTY:DANE	TRAFFIC CONTROL - PEDESTRIAN ACCESS	SHEET 99	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\025003_TC.DWG
LAYOUT NAME - 025003_TC - 025001 - (1)

PLOT DATE : 7/28/2016 2:12 PM PLOT BY : DRAMMEH, LAMIN PLOT NAME : PLOT SCALE : 1 IN:20 FT

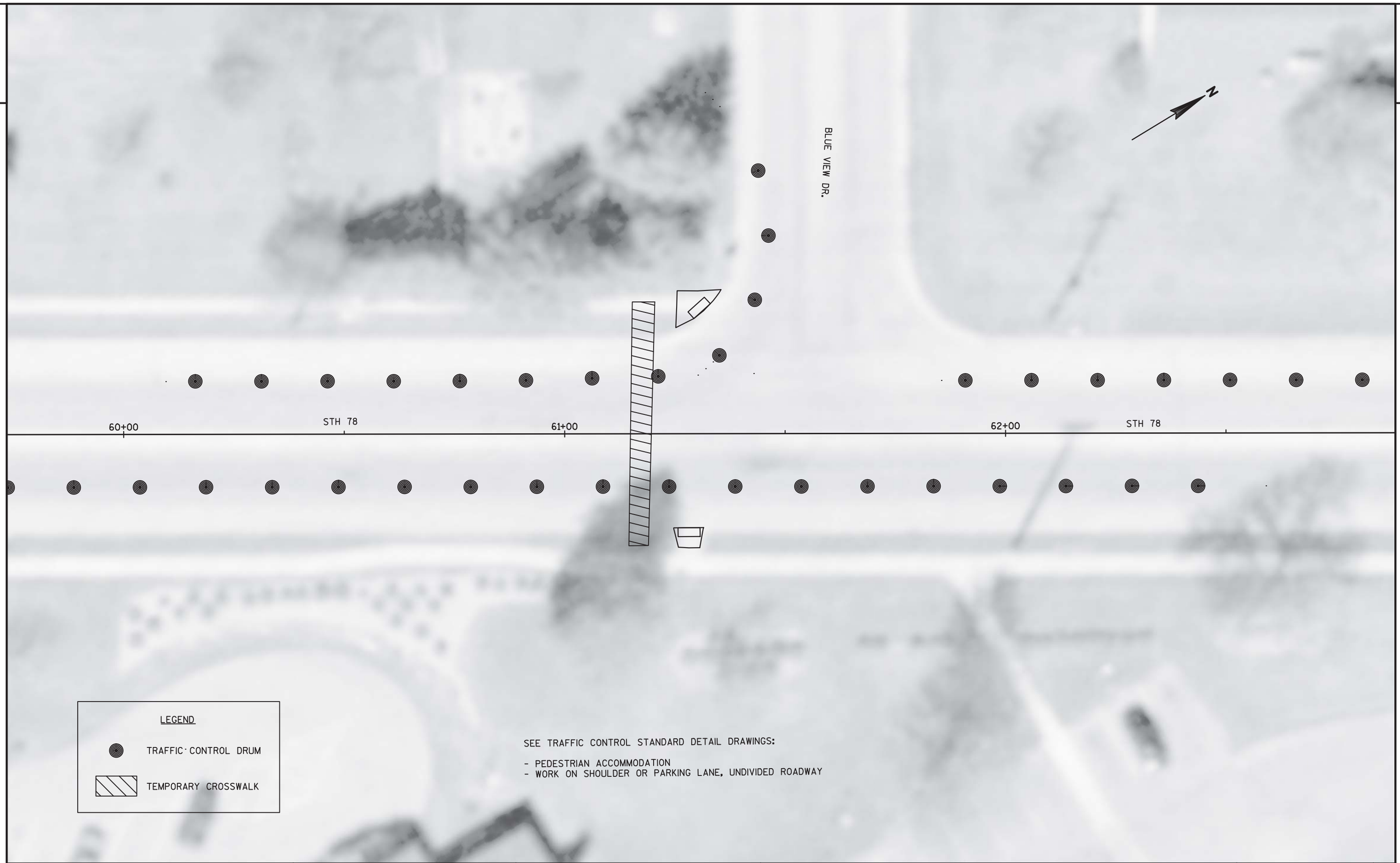
WISDOT/CADDS SHEET 42

2



PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TRAFFIC CONTROL - PEDESTRIAN ACCESS	SHEET 100	E

2



LEGEND

TRAFFIC CONTROL DRUM

TEMPORARY CROSSWALK

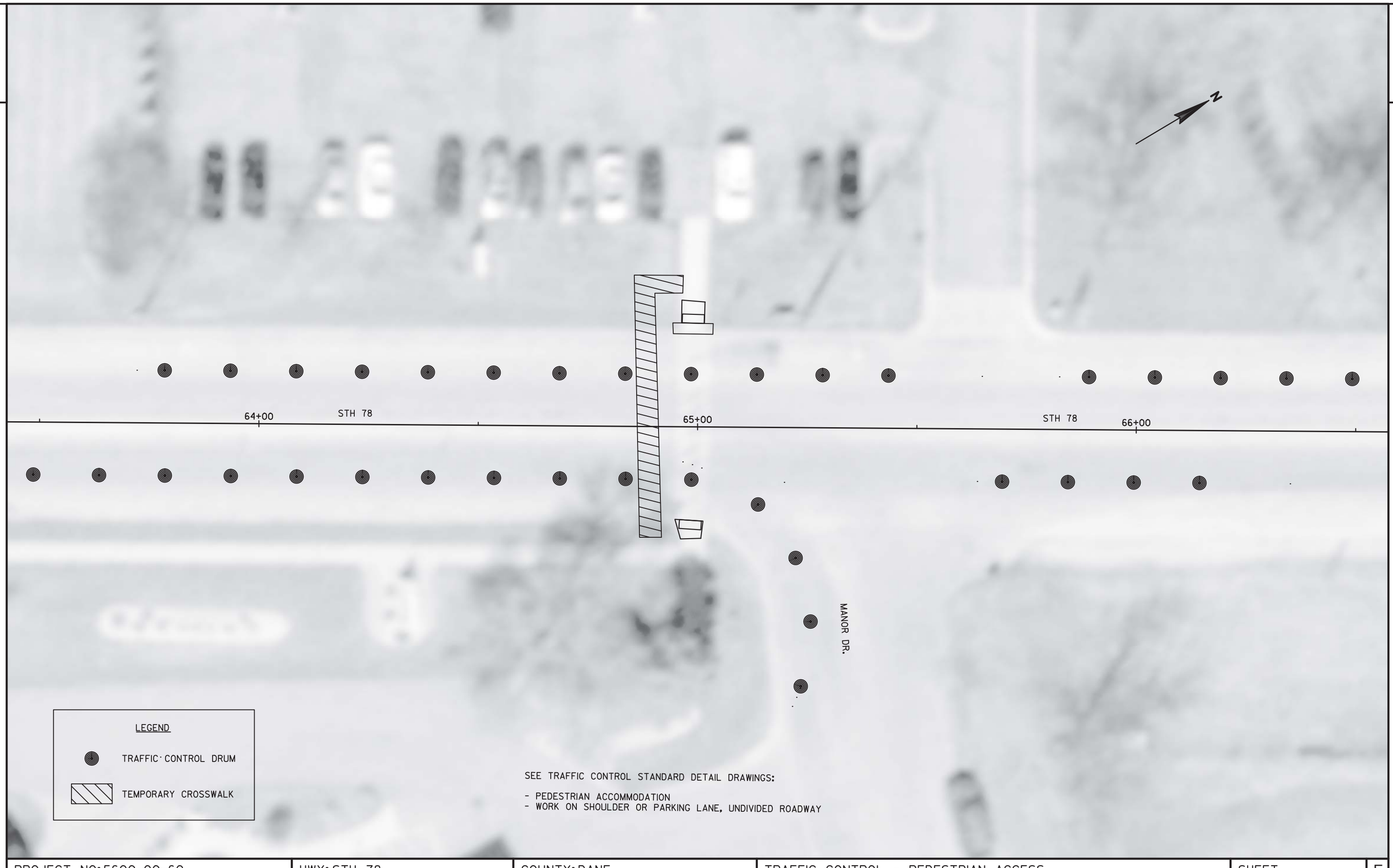
SEE TRAFFIC CONTROL STANDARD DETAIL DRAWINGS:

- PEDESTRIAN ACCOMMODATION
- WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

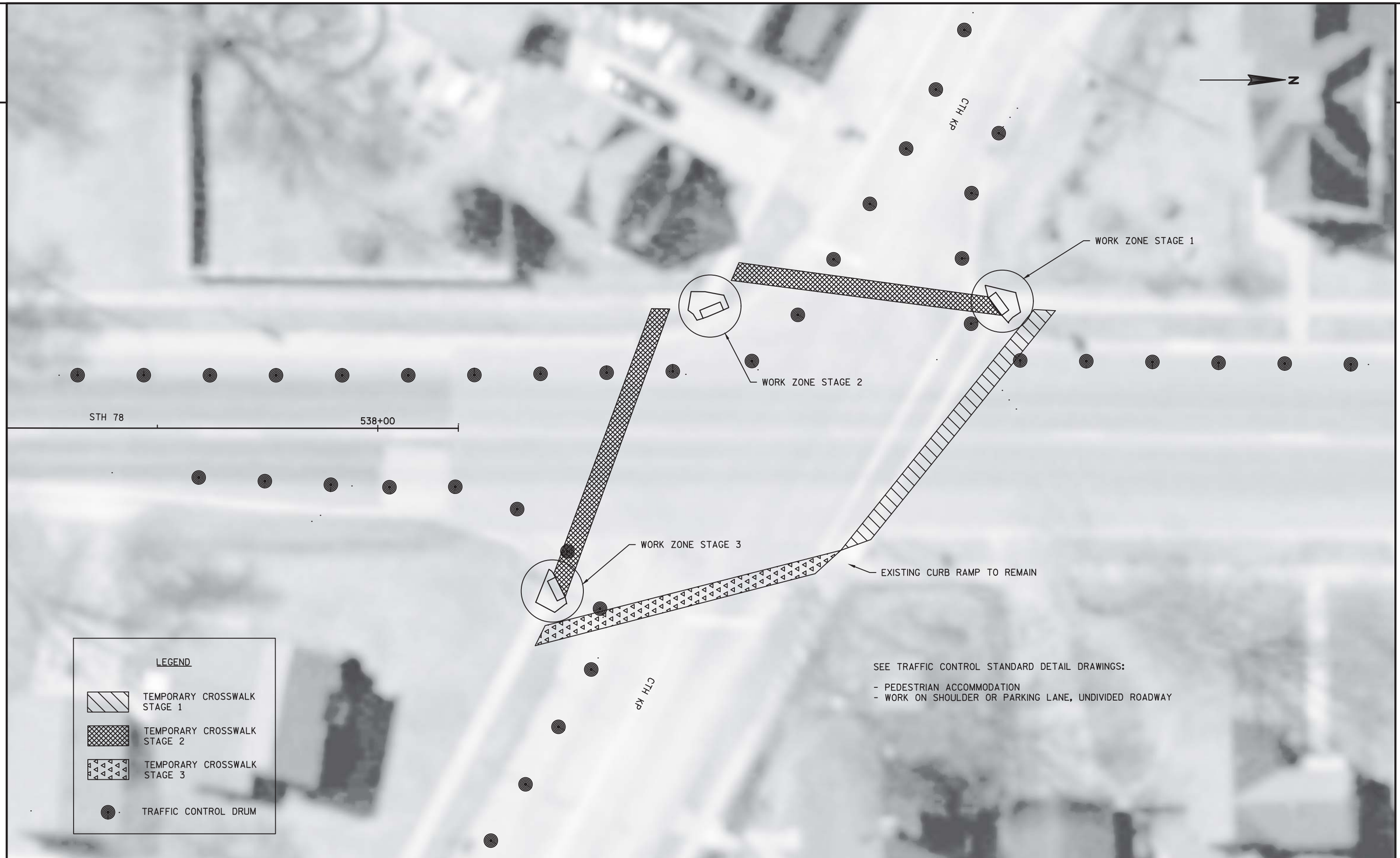
PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TRAFFIC CONTROL - PEDESTRIAN ACCESS	SHEET 101	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\025003_TC.DWG
LAYOUT NAME - 025003_TC - 025001 - (3)
PLOT DATE : 7/28/2016 2:12 PM PLOT BY : DRAMMEH, LAMIN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	TRAFFIC CONTROL - PEDESTRIAN ACCESS	SHEET 102	E



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	TRAFFIC CONTROL - PEDESTRIAN ACCESS	SHEET 103	E

DATE 22AUG16 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5600-00-60 QUANTITY
0010	204.0120	Removing Asphaltic Surface Milling	SY	235,350.000	235,350.000
0020	204.0150	Removing Curb & Gutter	LF	35.000	35.000
0030	204.0155	Removing Concrete Sidewalk	SY	40.000	40.000
0040	204.0165	Removing Guardrail	LF	9,542.000	9,542.000
0050	205.0100	Excavation Common	CY	4.000	4.000
0060	213.0100	Finishing Roadway (project) 01. 5600-00-60	EACH	1.000	1.000
0070	305.0110	Base Aggregate Dense 3/4-Inch	TON	9,791.000	9,791.000
0080	440.4410	Incentive IRI Ride	DOL	38,000.000	38,000.000
0090	455.0605	Tack Coat	GAL	15,241.000	15,241.000
0100	460.2000	Incentive Density HMA Pavement	DOL	18,024.000	18,024.000
0110	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	67,600.000	67,600.000
0120	460.5224	HMA Pavement 4 LT 58-28 S	TON	28,225.000	28,225.000
0130	465.0305	Asphaltic Surface Safety Islands	TON	0.400	0.400
0140	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	72,161.000	72,161.000
0150	465.0475	Asphalt Center Line Rumble Strips 2-Lane Rural	LF	35,802.000	35,802.000
0160	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	25.000	25.000
0170	602.0405	Concrete Sidewalk 4-Inch	SF	385.000	385.000
0180	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	114.000	114.000
0190	614.0010	Barrier System Grading Shaping Finishing	EACH	32.000	32.000
0200	614.0200	Steel Thrie Beam Structure Approach	LF	20.600	20.600
0210	614.0305	Steel Plate Beam Guard Class A	LF	562.500	562.500
0220	614.0345	Steel Plate Beam Guard Short Radius	LF	160.000	160.000
0230	614.0370	Steel Plate Beam Guard Energy Absorbing Terminal	EACH	4.000	4.000
0240	614.0390	Steel Plate Beam Guard Short Radius Terminal	EACH	7.000	7.000
0250	614.0515	Guardrail Stifened LHW	LF	2,262.500	2,262.500
0260	614.2300	MGS Guardrail 3	LF	5,200.000	5,200.000
0270	614.2330	MGS Guardrail 3 K	LF	7,275.000	7,275.000
0280	614.2500	MGS Thrie Beam Transition	LF	118.200	118.200
0290	614.2610	MGS Guardrail Terminal EAT	EACH	53.000	53.000
0300	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5600-00-60	EACH	1.000	1.000
0310	619.1000	Mobilization	EACH	1.000	1.000
0320	624.0100	Water	MGAL	39.000	39.000
0330	625.0100	Topsoil	SY	70.000	70.000
0340	628.1104	Erosion Bales	EACH	49.000	49.000
0350	628.1504	Silt Fence	LF	13,108.000	13,108.000
0360	628.1520	Silt Fence Maintenance	LF	13,108.000	13,108.000
0370	628.1905	Mobilizations Erosion Control	EACH	12.000	12.000
0380	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000
0390	628.2008	Erosion Mat Urban Class I Type B	SY	23,199.000	23,199.000
0400	628.7015	Inlet Protection Type C	EACH	21.000	21.000
0410	628.7504	Temporary Ditch Checks	LF	90.000	90.000
0420	628.7570	Rock Bags	EACH	30.000	30.000
0430	629.0210	Fertilizer Type B	CWT	0.100	0.100
0440	630.0140	Seeding Mixture No. 40	LB	2.000	2.000
0450	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	48.000	48.000
0460	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	107.000	107.000
0470	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	3.000	3.000

3

DATE 22AUG16 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5600-00-60 QUANTITY
0480	637.2210	Signs Type II Reflective H	SF	711.890	711.890
0490	637.2230	Signs Type II Reflective F	SF	381.000	381.000
0500	638.2602	Removing Signs Type II	EACH	152.000	152.000
0510	638.3000	Removing Small Sign Supports	EACH	157.000	157.000
0520	642.5001	Field Office Type B	EACH	1.000	1.000
0530	643.0100	Traffic Control (project) 01. 5600-00-60	EACH	1.000	1.000
0540	643.0300	Traffic Control Drums	DAY	2,946.000	2,946.000
0550	643.0410	Traffic Control Barricades Type II	DAY	128.000	128.000
0560	643.0420	Traffic Control Barricades Type III	DAY	88.000	88.000
0570	643.0705	Traffic Control Warning Lights Type A	DAY	216.000	216.000
0580	643.0900	Traffic Control Signs	DAY	2,461.000	2,461.000
0590	644.1420.S	Temporary Pedestrian Surface Plywood	SF	189.000	189.000
0600	644.1430.S	Temporary Pedestrian Surface Plate	SF	439.000	439.000
0610	646.0106	Pavement Marking Epoxy 4-Inch	LF	159,730.000	159,730.000
0620	646.0126	Pavement Marking Epoxy 8-Inch	LF	531.000	531.000
0630	646.0406	Pavement Marking Same Day Epoxy 4-Inch	LF	77,145.000	77,145.000
0640	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	4.000	4.000
0650	647.0356	Pavement Marking Words Epoxy	EACH	1.000	1.000
0660	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	49.000	49.000
0670	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	54.000	54.000
0680	647.0766	Pavement Marking Crosswalk Epoxy 6-Inch	LF	80.000	80.000
0690	648.0100	Locating No-Passing Zones	MI	10.000	10.000
0700	649.0402	Temporary Pavement Marking Paint 4-Inch	LF	73,325.000	73,325.000
0710	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	25.000	25.000
0720	650.8000	Construction Staking Resurfacing Reference	LF	49,932.000	49,932.000
0730	650.9910	Construction Staking Supplemental Control (project) 01. 5600-00-60	LS	1.000	1.000
0740	690.0150	Sawing Asphalt	LF	8.000	8.000
0750	690.0250	Sawing Concrete	LF	60.000	60.000
0760	ASP.1T0A	On-the-Job Training Apprentice at $5. 00/HR	HRS	400.000	400.000
0770	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	275.000	275.000
0780	SPV.0045	Special 01. TEMPORARY CROSSWALK	DAY	20.000	20.000
0790	SPV.0060	Special 01. TEMPORARY PORTABLE RUMBLE STRIP ARRAY	EACH	4.000	4.000
0800	SPV.0060	Special 02. CONSTRUCTION STAKING CURB RAMPS	EACH	11.000	11.000
0810	SPV.0090	Special 01. STEEL PLATE BEAM GUARD RADIUS	LF	167.000	167.000
0820	SPV.0090	Special 02. PROFILE CURB CUT	LF	307.000	307.000
0830	SPV.0180	Special 01. REMOVING DISTRESSED PAVEMENT MILLING	SY	5,800.000	5,800.000

3

3

EXCAVATION COMMON

LOCATION	205.0100 CY
CTH S PORKCHOP ISLAND/CURB RAMP AREAS	4
TOTAL	4

BASE AGGREGATE DENSE 3/4-INCH

STATION	TO	STATION	LOCATION	305.0110 TON	REMARKS
6515	-	6925	RIGHT SHOULDER	67	-
6793	-	6925	LEFT SHOULDER	22	-
6925	-	7640	SHOULDERS	289	-
7640	-	9000	SHOULDERS	655	-
9000	-	53818	SHOULDERS	5643	VARIOUS LOCATIONS
10168	-	44272	GUARDRAIL	3114	VARIOUS LOCATIONS
	-		CTH S PORKCHOP ISLAND/CURB RAMP AREAS	1	-
			TOTAL	9791	

3

ASPHALTIC ITEMS

LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	455.0605 TACK COAT* GAL	460.4110.S REHEATING HMA PAVEMENT LONGITUDINAL JOINTS LF	460.5224 HMA PAVEMENT 4 LT 58-28 S** TON	465.0305 ASPHALTIC SURFACE SAFETY ISLANDS TON	690.0150 SAWING ASPHALT LF	SPV.0180.01 REMOVING DISTRESSED PAVEMENT MILLING SY	REMARKS
MAINLINE SHOULDERS	35250	1234	-	4950	-	-	-	STAGE 2 SHOULDER PAVING
MAINLINE	193100	13517	67600	21650	-	-	5800	-
SIDEROADS	7000	490	-	800	-	-	-	-
CTH S PORKCHOP ISLAND	-	-	-	-	0.40	8	-	-
UNDISTRIBUTED	-	-	-	825	-	-	-	DISTRESSED MILLING AREAS
TOTAL	235350	15241	67600	28225	0.40	8	5800	

*BASED ON 0.07 GAL/SY APPLICATION RATE
**BASED ON 112 LB/SY/IN

FILE NAME : N:\PDS\C3D\56000030\SheetsPlan\030200_mq.pptx PLOT DATE : 8/1/2016 1:29 PM PLOT BY : CAB PLOT NAME : PLOT SCALE : 1:1

ASPHALTIC RUMBLE STRIPS

STATION	TO	STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE RURAL LF	REMARKS
80+33	-	152+37	LT	6603	-	55 MPH - S. CTH J
80+33	-	158+83	CL	-	7144	54 MPH - N. CTH J
80+53	-	159+63	RT	7223	-	55 MPH - N. CTH J
155+53	-	201+08	LT	3979	-	S. CTH J - EVANSON RD
162+82	-	200+98	CL	-	3815	N. CTH J - EVANSON RD
192+48	-	215+21	RT	2281	-	CTH J - MINERAL POINT RD
204+46	-	269+91	LT	6046	-	EVANSON RD - GREENWALD RD
204+97	-	214+38	CL	-	941	EVANSON RD - MINERAL POINT RD
217+86	-	303+16	RT	8224	-	MINERAL POINT RD - HOWERY RD
218+38	-	249+96	CL	-	3157	MINERAL POINT RD - BRIDGE
250+95	-	269+45	CL	-	1850	BRIDGE - GREENWALD
272+60	-	321+40	LT	4516	-	GREENWALD RD - WINDY ACRES WAY
273+45	-	302+19	CL	-	2874	GREENWALD RD - HOWERY RD
305+79	-	327+13	RT	2139	-	HOWERY RD - MCFEE RD
306+21	-	320+88	CL	-	1467	HOWERY RD - WINDY ACRES WAY
324+16	-	354+30	LT	2940	-	WINDY ACRES WAY - VERMONT CHURCH RD
324+88	-	326+07	CL	-	119	WINDY ACRES WAY - MCFEE RD
329+21	-	368+71	RT	3595	-	MCFEE RD - UNION VALLEY RD
330+07	-	354+07	CL	-	2400	MCFEE RD - VERMONT CHURCH RD
357+09	-	454+43	LT	9504	-	VERMONT CHURCH RD - CTH JJ
358+07	-	367+73	CL	-	967	VERMONT CHURCH RD - UNION VALLEY RD
370+86	-	437+55	RT	6044	-	UNION VALLEY RD - MOEN VALLEY RD
371+73	-	436+51	CL	-	6478	UNION VALLEY RD - MOEN VALLEY RD
439+83	-	501+76	RT	5704	-	MOEN VALLEY RD - RED HAWK RUN
440+51	-	453+97	CL	-	1345	MOEN VALLEY RD - CTH J
457+19	-	478+88	LT	2170	-	CTH JJ - MICHAELIS RD
457+97	-	478+35	CL	-	2039	CTH JJ - MICHAELIS RD
481+45	-	494+45	LT	1193	-	MICHAELIS RD - 45 MPH
482+35	-	494+41	CL	-	1206	MICHAELIS RD - 45 MPH
			TOTAL	72161	35802	

CONCRETE ITEMS

LOCATION	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	690.0250 SAWING CONCRETE LF	SPV.0090.02 PROFILE CURB CUT LF
SW SUNSET LANE	-	3	-	40	10	4	8
NW SUNSET LANE	-	2	-	26	10	4	6
SE DURTSCHI DRIVE	-	4	-	49	10	4	6
NE DURTSCHI DRIVE	-	3	-	23	14	4	6
SW BLUE VIEW DRIVE	-	4	-	52	10	4	8
SE BLUE VIEW DRIVE	-	3	-	27	10	5	1
SW MANOR DRIVE	9	3	9	27	10	6	-
SE MANOR DRIVE	-	3	-	23	10	5	-
CTH S PORKCHOP ISLAND	26	-	16	-	-	5	-
185+69 - 186+82 RT	-	-	-	-	-	-	113
298+75 - 299+07 RT	-	-	-	-	-	-	32
416+44 - 417+56 RT	-	-	-	-	-	-	112
NW CTH KP	-	5	-	38	10	5	3
SW CTH KP	-	5	-	42	10	9	6
SE CTH KP	-	5		38	10	5	6
TOTAL	35	40	25	385	114	60	307

3

GUARDRAIL

STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF	614.0200 STEEL THRIE BEAM STRUCTURE APPROACH LF	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS LF	614.0370 STEEL PLATE BEAM GUARD EAT EACH	614.0390 STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL EACH	614.0515 GUARDRAIL STIFFENED LHW LF	614.2300 MGS GUARDRAIL 3 LF	614.2330 MGS GUARDRAIL 3 K LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	SPV.0090.01 STEEL PLATE BEAM GUARD RAIUS LF
102+40	-	104+53	RT	134	-	-	-	-	-	-	-	112.5	-	2	-
102+58	-	105+46	LT	102	-	-	-	-	-	-	-	187.5	-	2	-
115+80	-	125+42	LT	-	-	-	-	-	-	-	562.5	300.0	-	2	-
167+08	-	185+42	LT	1742	-	-	29	1	1	1775.0	-	-	-	-	-
185+65	-	187+66	LT	258	-	112.5	50	-	2	-	-	-	-	-	52.0
186+69	-	189+98	RT	268	-	-	-	-	-	-	-	225.0	-	2	-
196+95	-	215+75	RT	964	-	-	-	-	-	-	950.0	850.0	-	2	-
198+28	-	202+80	LT	300	-	325.0	-	1	1	50.0	-	-	-	-	65.0
221+76	-	231+51	RT	647	-	-	-	-	-	-	875.0	-	-	2	-
229+47	-	231+10	LT	111	-	-	-	-	-	-	62.5	-	-	2	-
238+25	-	243+45	RT	464	-	-	-	-	-	-	-	425.0	-	2	-
248+14	-	252+60	RT	145	-	-	-	-	-	-	100.0	125.0	78.8	2	-
249+73	-	253+45	LT	157	20.6	12.5	52	-	1		-	175.0	39.4	1	-
259+89	-	265+91	LT	547	-	-	-	-	-	-	187.5	325.0	-	2	-
281+00	-	285+12	LT	307	-	-	-	-	-	-	112.5	200.0	-	2	-
291+67	-	294+17	LT	255	-	-	-	-	-	-	62.5	87.5	-	2	-
297+92	-	301+80	LT	341	-	-	-	-	-	-	-	287.5	-	2	-
299+75	-	303+52	RT	360	-	-	-	-	-	-	25.0	250.0	-	2	-
302+25	-	313+41	LT	-	-	-	-	-	-	-	87.5	925.0	-	2	-
319+07	-	322+74	LT	261	-	87.5	-	1	1	250.0	-	-	-	-	50.0
326+53	-	331+64	LT	426	-	-	-	-	-	-	100.0	325.0	-	2	-
328+42	-	335+50	RT	474	-	-	-	-	-	-	275.0	325.0	-	2	-
331+90	-	350+53	LT	328	-	-	-	-	-	-	87.5	1675.0	-	2	-
352+15	-	354+52	RT	190	-	-	-	-	-	-	-	137.5	-	2	-
371+30	-	373+92	RT	205	-	25.0	29	1	1	187.5	-	-	-	-	-
372+38	-	375+26	LT	135	-	-	-	-	-	-	125.0	62.5	-	2	-
374+71	-	380+96	RT	-	-	-	-	-	-	-	525.0	-	-	2	-
393+14	-	396+02	RT	-	-	-	-	-	-	-	187.5	-	-	2	-
394+08	-	402+00	LT	273	-	-	-	-	-	-	425.0	275.0	-	2	-
407+84	-	410+71	LT	-	-	-	-	-	-	-	187.5	-	-	2	-
417+44	-	420+32	RT	148	-	-	-	-	-	-	187.5	-	-	2	-
442+77	-	444+50	RT	-	-	-	-	-	-	-	75.0	-	-	2	-
			TOTAL	9542	20.6	562.5	160.0	4	7	2262.5	5200.0	7275.0	118.2	53	167

BARRIER SYSTEM GRADING SHAPING FINISHING

STATION	TO	STATION	LOCATION	614.0010 EACH	*SALVAGED TOPSOIL SY	*BORROW CY	*FERTILIZER TYPE B CWT	*SEEDING MIXTURE NO. 20 LB	*SEEDING MIXTURE NO. 30	*SEEDING TEMPORARY LB	*CONSTRUCTION STAKING SLOPE STAKES LF
101+68	-	106+06	LT	1	440	10	0.3	5	5	14	438
101+79	-	105+13	RT	1	189	2	0.2	2	3	7	334
115+20	-	125+58	LT	1	1241	55	0.9	13	13	39	1038
166+60	-	185+18	LT	1	1296	30	1.1	15	15	46	1858
186+17	-	187+29	LT	1	74	0	0.1	1	1	3	112
186+69	-	190+89	RT	1	406	18	0.3	5	4	13	366
196+05	-	216+48	RT	1	1904	27	1.5	21	21	63	2043
197+38	-	202+42	LT	1	618	38	0.5	7	6	20	504
221+14	-	232+26	RT	1	889	38	0.7	10	10	30	1112
228+58	-	231+15	LT	1	279	6	0.2	3	3	9	257
237+52	-	244+05	RT	1	541	17	0.4	6	6	18	653
247+25	-	253+20	RT	1	623	26	0.5	7	6	20	595
250+06	-	254+03	LT	1	375	12	0.3	4	4	12	397
259+88	-	266+52	LT	1	865	26	0.6	9	9	27	664
280+55	-	285+87	LT	1	658	34	0.5	7	7	21	532
291+30	-	294+59	LT	1	763	82	0.5	8	7	23	329
297+15	-	301+81	LT	1	524	35	0.4	5	6	17	466
299+59	-	304+06	RT	1	818	89	0.6	8	8	25	447
302+22	-	313+86	LT	1	1322	115	1.0	14	14	42	1154
318+47	-	322+36	LT	1	385	30	0.3	4	4	13	389
325+63	-	331+65	LT	1	691	41	0.5	8	7	22	602
328+43	-	336+10	RT	1	573	23	0.5	7	6	20	767
331+89	-	351+25	LT	1	2288	142	1.7	24	24	73	1936
351+55	-	355+14	RT	1	452	40	0.3	5	5	14	359
370+80	-	373+82	RT	1	217	3	0.2	3	2	8	302
371+78	-	375+58	LT	1	640	51	0.5	7	6	19	380
374+53	-	381+65	RT	1	913	110	0.7	10	9	29	712
392+26	-	396+19	RT	1	523	23	0.4	6	5	16	393
393+49	-	402+59	LT	1	1372	95	1.0	14	14	42	910
407+34	-	411+64	LT	1	520	18	0.4	6	5	16	430
417+44	-	420+91	RT	1	228	8	0.2	3	2	8	241
441+87	-	442+72	RT	1	502	51	0.4	5	5	15	85
			TOTAL	32							
						1294	18	252	242	742	20805

* FOR INFORMATION ONLY
BORROW INCLUDES 4" OF SALVAGED TOPSOIL
USE A 50/50 MIXTURE OF NO. 20 & NO. 30 SEED MIXES

WATER

LOCATION	624.0100 MGAL
PROJECT	39
TOTAL	39

EROSION CONTROL MOBILIZATIONS

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
PROJECT	12	5
TOTAL	12	5

EROSION CONTROL

STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7570 ROCK BAGS EACH	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	REMARKS
41+56	-	41+62	LT & RT	-	-	-	-	-	4	-	-	-	-	SOUTH OF SUNSET LN
49+97	-	50+13	LT & RT	-	-	-	-	-	3	-	-	-	-	AT SUNSET LN INTERSECTION
57+25	-	57+48	LT & RT	-	-	-	-	-	4	-	-	-	-	NORTH OF DURTSCHI DR
101+68	-	106+06	LT	-	-	250	250	440	-	-	-	-	-	-
101+79	-	105+13	RT	-	-	40	40	189	-	-	-	-	-	-
115+20	-	125+58	LT	-	1	300	300	1241	-	-	-	-	-	EROSION BALE STA 125+40
166+60	-	185+18	LT	-	-	362	362	1296	5	-	-	-	-	INLETS STA 174+27 - 182+52 RT
186+17	-	187+29	LT	-	-	66	66	74	2	-	-	-	-	INLETS STA 186+95 - 187+22 RT
187+23	-	190+89	RT	-	1	221	221	406	-	-	-	-	-	EROSION BALE STA 190+00
196+05	-	216+48	RT	-	2	836	836	1904	-	-	-	-	-	EROSION BALES STA 198+00, 208+00
197+38	-	202+42	LT	-	1	373	373	618	-	-	-	-	-	EROSION BALE STA 202+00
221+14	-	232+26	RT	-	-	444	444	889	-	-	-	-	-	-
228+58	-	231+15	LT	-	-	234	234	279	-	-	-	-	-	-
237+52	-	244+05	RT	-	1	188	188	541	-	-	-	-	-	EROSION BALE STA 242+00
247+25	-	253+20	RT	-	2	412	412	623	-	-	-	-	-	EROSION BALES STA 250+00, 250+50
250+06	-	254+03	LT	-	2	218	218	375	-	-	-	-	-	EROSION BALES STA 250+25, 250+75
259+88	-	266+52	LT	-	3	371	371	865	-	-	-	-	-	EROSION BALES STA 260+00, 265+00, 266+00
280+55	-	285+87	LT	-	1	314	314	658	-	-	-	-	-	EROSION BALE STA 281+00
291+30	-	294+59	LT	-	1	325	325	763	-	-	-	-	-	EROSION BALE STA 293+00
297+15	-	301+81	LT	-	-	215	215	524	-	-	-	-	-	-
299+59	-	304+06	RT	-	-	294	294	818	-	-	-	-	-	-
302+22	-	313+86	LT	-	5	1089	1089	1322	-	-	-	-	-	EROSION BALES STA 303+00 - 311+00 EVERY 200'
318+47	-	322+36	LT	-	1	115	115	385	-	-	-	-	-	EROSION BALE STA 319+50
325+63	-	331+65	LT	-	3	419	419	691	-	-	-	-	-	EROSION BALES STA 327+00, 329+50, 330+50
328+43	-	336+10	RT	-	3	414	414	573	-	-	-	-	-	EROSION BALES STA 329+00, 330+50, 333+50
331+89	-	351+25	LT	-	6	1461	1461	2288	-	-	-	-	-	EROSION BALES STA 332+00 - 342+00 EVERY 200'
351+55	-	355+14	RT	-	2	291	291	452	-	-	-	-	-	EROSION BALES STA 353+00, 354+50
370+80	-	373+82	RT	-	-	109	109	217	-	-	-	-	-	-
371+78	-	375+58	LT	-	2	408	408	640	-	-	-	-	-	EROSION BALES STA 373+00, 375+00
374+53	-	381+65	RT	-	-	309	309	913	-	60	-	-	-	DITCH CHECKS STA 376+00 - 381+00 EVERY 100'
392+26	-	396+19	RT	-	1	358	358	523	-	-	-	-	-	EROSION BALES STA 395+00
393+49	-	402+59	LT	-	3	585	585	1372	-	-	-	-	-	EROSION BALES STA 395+00, 398+50, 401+50
407+34	-	411+64	LT	-	2	420	420	520	-	-	-	-	-	EROSION BALES STA 409+00, 411+00
418+50	-	420+91	RT	-	1	175	175	228	-	-	-	-	-	EROSION BALE STA 420+00
441+87	-	442+72	RT	-	1	300	300	502	-	-	-	-	-	EROSION BALE STA 443+00
511+65	-	512+66	RT	-	-	-	-	-	2	-	-	-	-	AT NICOLE CT INTERSECTION
524+43			RT	-	-	-	-	-	1	-	-	-	-	AT HILLCREST DR INTERSECTION
CURB RAMPS			LT & RT	64	-	-	-	70	-	-	-	0.10	1	CURB RAMP AND TEMPORARY RAMP RESTORATION
UNDISTRIBUTED			-	6	4	1192	1192	-	-	30	30	-	1	-
			TOTAL	70	49	13108	13108	23199	21	90	30	0.10	2	

SIGNING (1 of 4)

REMOVAL SIGN NO.	NEW SIGN NO.	LOCATION	SIGN CODE	SIGN SIZE	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	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1-01	18-01	LT	J4-2	48 X 36	-	1	-	12.00	-	1	1	-
1-02	18-02	RT	J4-1	24 X 36	-	1	-	6.00	-	1	1	-
1-03	-	LT	-	-	-	-	-	-	-	1	1	-
-	18-03	RT	R2-1	24 X 30	1	-	-	5.00	-	-	-	-
1-04	18-04	LT	W3-2	36 X 36	-	1	-	-	9.00	1	1	-
1-05	18-05	LT	J3-2	48 X 57	-	1	-	19.00	-	1	1	-
1-06	18-06	LT	R3-8DD	36 X 30	1	-	-	7.50	-	1	1	-
1-07	18-07	LT	J2-2	48 X 57	-	1	-	19.00	-	1	2	-
1-08	18-08	LT	W2-6	30 X 30	-	1	-	-	6.25	1	1	-
1-09	-	LT	-	-	-	-	-	-	-	-	-	ON SAME POST AS 1-08
1-10	18-09	LT	W13-1	18 X 18	-	-	-	-	2.25	-	-	ON SAME POST AS 1-08, 18-08
1-11	18-10	LT	J1-2	48 X 39	-	1	-	13.00	-	1	1	-
1-12	18-11	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
1-13	18-12	LT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
1-14	18-13	LT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
1-15	18-14	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
1-16	18-15	LT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
1-17	18-16	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
1-18	18-17	LT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
1-19	18-18	RT	W11-2	30 X 30	-	1	-	-	6.25	1	-	-
1-20	18-19	RT	W16-9P	24 X 12	-	-	-	-	2.00	-	-	ON SAME POST AS 18-18
1-21	18-20	RT	W11-2	30 X 30	-	1	-	-	6.25	1	1	-
1-22	18-21	RT	W16-7L	24 X 12	-	-	-	-	2.00	-	-	ON SAME POST AS 1-21, 18-20
2-01	19-01	LT	W11-2	30 X 30	-	1	-	-	6.25	1	1	-
2-02	19-02	LT	W16-7L	24 X 12	-	-	-	-	2.00	-	-	ON SAME POST AS 2-01, 19-01
2-03	19-03	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
2-04	19-04	RT	I2-3	84 X 24	2	-	-	14.00	-	1	2	-
2-05	19-05	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
2-06	19-06	LT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
2-07	19-07	RT	J1-1	24 X 39	-	1	-	6.50	-	1	1	-
2-08	19-08	LT	W3-6	36 X 36	-	1	-	-	9.00	1	1	-
2-09	19-09	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
2-10	19-10	LT	W11-2	30 X 30	-	1	-	-	6.25	1	1	-
2-11	19-11	LT	W16-9P	24 X 12	-	-	-	-	2.00	-	-	ON SAME POST AS 2-10, 19-10
2-12	19-12	RT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
2-13	19-13	LT	J4-1	24 X 36	1	-	-	6.00	-	1	1	-
2-14	19-14	LT	W1-7	48 X 24	1	-	-	-	8.00	1	1	-
2-15	19-15	RT	R1-1	36 X 36	1	-	-	7.46	-	1	1	-
2-16	19-16	RT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
2-17	19-17	RT	R4-7	24 X 30	1	-	-	5.00	-	1	1	-
2-18	19-18	LT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
2-19	19-19	RT	W12-1D	24 X 24	1	-	-	-	4.00	1	1	MOUNTING HEIGHT OF 2 FT 3 INCH
2-20	19-20	RT	R1-1	36 X 36	1	-	-	7.46	-	1	1	-
2-21	19-21	RT	R5-1	30 X 30	1	-	-	6.25	-	1	2	-
2-22	19-22	RT	J4-1	24 X 36	1	-	-	-	9.00	1	1	-

CONTINUED ON NEXT PAGE

SIGNING (2 of 4)

REMOVAL SIGN NO.	NEW SIGN NO.	LOCATION	SIGN CODE	SIGN SIZE	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	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
2-23	19-23	RT	I55-56	30 X 36	1	-	-	7.50	-	1	1	UW-MADISON WILDLIFE ECOLOGY CLUB
2-24	19-24	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
2-25	19-25	RT	W14-3	48 X 36	-	-	-	-	6.00	-	-	ON SAME POST AS 2-24, 19-24
2-26	19-26	LT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
2-27	19-27	RT	D2-1	90 X 15	2	-	-	9.38	-	1	2	-
2-28	19-28	LT	J1-1	24 X 39	-	1	-	6.50	-	1	1	-
2-29	19-29	LT	W3-5	36 X 36	-	1	-	-	9.00	1	1	-
3-01	20-01	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
3-02	-	LT	-	-	-	-	-	-	-	1	1	-
4-01	21-01	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
4-02	21-02	RT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
4-03	21-03	RT	J1-1	24 X 39	-	1	-	6.50	-	1	1	-
4-04	21-04	RT	D7-82	36 X 36	-	1	-	9.00	-	1	1	-
4-05	21-05	RT	D7-82A	36 X 15	-	-	-	3.75	-	-	-	ON SAME POST AS 4-04, 21-04
4-06	21-06	LT	J4-1	24 X 36	-	1	-	6.00	-	1	1	-
4-07	21-07	RT	J13-2	48 X 45	-	1	-	15.00	-	1	1	-
4-08	21-08	LT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
4-09	21-09	RT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
4-10	21-10	RT	W1-7	48 X 24	-	1	-	-	8.00	1	1	-
4-11	21-11	LT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
4-12	21-12	RT	D1-1	48 X 15	1	-	-	5.00	-	1	-	ON SAME POST AS 4-13
4-13	21-13	RT	I55-56	30 X 36	-	1	-	7.50	-	-	1	VERMONT LUTHERAN CHURCH BLACK EARTH
4-14	21-14	LT	I55-56	30 X 36	-	1	-	7.50	-	1	1	UW-MADISON WILDLIFE ECOLOGY CLUB
5-01	22-01	RT	W1-4L	30 X 30	-	1	-	-	6.25	1	1	-
5-02	22-02	LT	D7-82	36 X 36	-	1	-	9.00	-	1	1	-
5-03	22-03	LT	D7-82A	36 X 15	-	-	-	3.75	-	-	-	ON SAME POST AS 5-02, 22-02
5-04	22-04	RT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
5-05	22-05	LT	W1-7	48 X 24	-	1	-	-	8.00	1	1	-
5-06	22-06	LT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
5-07	22-07	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
5-08	22-08	RT	J13-2	48 X 45	-	1	-	15.00	-	1	1	-
5-09	22-09	RT	W7-1	30 X 30	-	1	-	-	6.25	1	1	-
-	22-10	LT	D1-1	48 X 15	1	-	-	5.00	-	-	-	-
5-10	22-11	RT	J4-1	24 X 36	-	1	-	6.00	-	-	-	ON SAME POST AS 5-09
5-11	22-12	LT	J1-1	24 X 39	-	1	-	6.50	-	1	1	-
5-12	22-13	LT	S3-1	36 X 36	-	-	1	-	9.00	1	1	-
5-13	22-14	RT	S3-1	36 X 36	-	-	1	-	9.00	1	1	-
6-01	23-01	LT	S3-1	36 X 36	-	-	1	-	9.00	1	1	-
6-02	23-02	RT	W1-2L	30 X 30	-	1	-	-	6.25	1	1	-
6-03	23-03	RT	W14-3	48 X 36	-	-	-	-	6.00	-	-	ON SAME POST AS 6-02, 23-02
6-04	23-04	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
6-05	23-05	LT	W1-4L	30 X 30	-	-	-	-	6.25	-	-	ON SAME POST AS 6-04, 23-04
6-06	23-06	LT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
6-07	23-07	LT	I55-56	30 X 36	-	1	-	7.50	-	1	1	VERMONT LUTHERAN CHURCH BLACK EARTH
6-08	23-08	RT	R1-1	36 X 36	-	1	-	7.46	-	1	1	-

CONTINUED ON NEXT PAGE

SIGNING (3 of 4)

REMOVAL SIGN NO.	NEW SIGN NO.	LOCATION	SIGN CODE	SIGN SIZE	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	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
7-01	24-01	RT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
7-02	24-02	LT	W1-2R	30 X 30	-	1	-	-	6.25	1	1	-
7-03	24-03	LT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
7-04	24-04	RT	W5-52R	12 X 36	1	-	-	-	3.00	1	1	-
8-01	25-01	LT	W5-52L	12 X 36	1	-	-	-	3.00	1	1	-
8-02	25-02	RT	W5-52L	12 X 36	1	-	-	-	3.00	1	1	-
8-03	25-03	LT	W5-52R	12 X 36	1	-	-	-	3.00	1	1	-
8-04	25-04	RT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
8-05	25-05	LT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
9-01	26-01	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
9-02	26-02	RT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
9-03	26-03	RT	W13-1	18 X 18	-	-	-	-	2.25	-	-	ON SAME POST AS 9-02, 26-02
9-04	26-04	RT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
9-05	-	RT	-	-	-	-	-	-	-	-	1	-
10-01	27-01	RT	W1-2R	30 X 30	-	1	-	-	6.25	1	1	-
10-02	27-02	LT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
10-03	27-03	LT	W13-1	18 X 18	-	-	-	-	2.25	-	-	ON SAME POST AS 10-02, 27-02
10-04	27-04	LT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
10-05	27-05	RT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
10-06	27-06	LT	W1-2L	30 X 30	-	1	-	-	6.25	1	1	-
11-01	28-01	RT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
11-02	28-02	RT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
11-03	28-03	LT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
11-04	28-04	RT	I55-56	30 X 36	-	1	-	7.50	-	1	1	THE BLUFF VALLEY RIDERS
11-05	28-05	RT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
11-06	28-06	RT	W1-2L	30 X 30	-	1	-	-	6.25	1	1	-
12-01	29-01	RT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
12-02	29-02	LT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
12-03	29-03	LT	W1-2R	30 X 30	-	1	-	-	6.25	1	1	-
12-04	29-04	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
12-05	29-05	RT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
13-01	30-01	RT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
13-02	30-02	RT	W1-2R	30 X 30	-	1	-	-	6.25	1	1	-
14-01	31-01	LT	I55-56	30 X 36	-	1	-	7.50	-	1	1	THE BLUFF VALLEY RIDERS
14-02	31-02	LT	W1-4R	30 X 30	-	1	-	-	6.25	1	1	-
14-03	31-03	RT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
14-04	31-04	RT	J1-1	24 X 39	-	1	-	6.50	-	1	1	-
14-05	31-05	LT	J4-1	24 X 36	-	1	-	6.00	-	1	1	-
14-06	31-06	LT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
14-07	31-07	LT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
14-08	31-08	RT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
14-09	31-09	RT	W1-7	48 X 24	-	1	-	-	8.00	1	1	-
14-10	31-10	LT	J13-1	24 X 45	-	1	-	7.50	-	1	1	-
14-11	31-11	RT	J4-1	24 X 36	-	1	-	6.00	-	1	1	-
14-12	31-12	LT	W1-2L	30 X 30	-	1	-	-	6.25	1	1	-

CONTINUED ON NEXT PAGE

SIGNING (4 of 4)

REMOVAL SIGN NO.	NEW SIGN NO.	LOCATION	SIGN CODE	SIGN SIZE	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	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
14-13	31-13	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
14-14	31-14	RT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
14-15	31-15	LT	J1-1	24 X 39	-	1	-	6.50	-	1	1	-
15-01	32-01	LT	R1-1	30 X 30	-	1	-	5.18	-	1	1	-
15-02	32-02	RT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
15-03	32-03	LT	W14-3	48 X 36	-	1	-	-	6.00	1	1	-
15-04	32-04	RT	W1-2R	30 X 30	-	1	-	-	6.25	1	1	-
15-05	32-05	RT	W3-5	36 X 36	-	1	-	-	9.00	1	1	-
15-06	32-06	LT	D2-1	90 X 15	1	1	-	9.38	-	1	1	-
15-07	32-07	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
15-08	32-08	LT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
15-09	32-09	LT	J4-1	24 X 30	-	1	-	6.00	-	1	1	-
16-01	33-01	RT	I2-3	78 X 24	-	2	-	13		1	2	-
16-02	33-02	LT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
16-03	33-03	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
16-04	33-04	RT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
16-05	33-05	LT	W1-2L	30 X 30	-	1	-	-	6.25	1	1	-
16-06	33-06	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
16-07	33-07	LT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
16-08	33-08	RT	W14-3	48 X 36	1	-	-	-	6.00	1	1	-
16-09	33-09	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
16-10	33-10	LT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
16-11	33-11	LT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
16-12	33-12	RT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
16-13	33-13	LT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
16-14	33-14	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
16-15	33-15	RT	R2-1	24 X 30	-	1	-	5.00	-	1	1	-
17-01	34-01	RT	R1-1	30 X 30	1	-	-	5.18	-	1	1	-
17-02	34-02	RT	J1-2	48 X 39	-	1	-	13.00	-	1	1	-
17-03	34-03	LT	J4-1	24 X 36	-	1	-	6.00	-	1	1	-
17-04	34-04	LT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
17-05	34-05	RT	J13-2	48 X 45	-	1	-	15.00	-	1	1	-
17-06	34-06	LT	J13-2	48 X 45	-	1	-	15.00	-	1	1	-
17-07	34-07	RT	R2-1	24 X 30	1	-	-	5.00	-	1	1	-
17-08	34-08	RT	J4-2	48 X 36	-	1	-	12.00	-	1	1	-
				TOTAL 0010	48	107	3	711.89	381.00	152	157	

CONSTRUCTION STAKING

STATION TO		STATION	LOCATION	650.5500 CURB GUTTER AND CURB & GUTTER LF	650.8000 RESURFACING REFERENCE LF	SPV.0060.02 CURB RAMPS EACH
38+86	-	538+18	CENTERLINE	25	49932	11
			TOTAL	25	49932	11

3

TRAFFIC CONTROL

LOCATION	WORKING DAYS	643.0300 TRAFFIC CONTROL DRUMS EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0410 TRAFFIC CONTROL BARRICADES TYPE II EACH	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0900 TRAFFIC CONTROL SIGNS EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	644.1420.S TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1430.S TEMPORARY PEDESTRIAN SURFACE PLATE SF	649.0402 TEMPORARY PAVEMENT MARKING PAINT 4-INCH LF	SPV.0045.01 TEMPORARY CROSSWALK EACH	SPV.0045.01 TEMPORARY CROSSWALK DAY	SPV.0060.01 TEMPORARY PORTABLE RUMBLE STRIP ARRAY EACH
PROJECT WIDE	40	-	-	-	-	-	-	-	-	54	2160	-	-	73325	-	-	4
MOUNT HOREB - CURB RAMPS	2	157	314	44	88	32	64	76	152	72	144	137	333	-	6	12	-
BLACK EARTH - CURB RAMPS	2	39	78	20	40	12	24	32	64	32	64	52	106	-	4	8	-
GUARDRAIL	3	851	2554	-	-	-	-	-	-	31	93	-	-	-	-	-	-
UNDISTRIBUTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL			2946		128		88		216		2461	189	439	73325		20	4

PAVEMENT MARKING

STATION	TO	STATION	LOCATION	646.0106 EPOXY 4-INCH YELLOW LF	646.0106 EPOXY 4-INCH WHITE LF	646.0126 EPOXY 8-INCH WHITE LF	646.0406 SAME DAY EPOXY 4-INCH LF	647.0166 ARROWS EPOXY TYPE 2 EACH	647.0356 WORDS EPOXY EACH	647.0566 STOP LINE EPOXY 18-INCH WHITE LF	647.0726 DIAGONAL EPOXY 12-INCH WHITE LF	647.0766 CROSSWALK EPOXY 6-INCH WHITE LF	REMARKS
38+86	-	41+29	12' LT	-	245	-	-	-	-	-	-	-	-
38+86	-	40+46	12' RT	-	160	-	-	-	-	-	-	-	-
38+86	-	73+81	CL	7178	-	-	7178	-	-	-	-	-	BEGIN PROJECT - CTH S
64+95	-	65+01	LT & RT	-	-	-	-	-	-	-	-	80	CROSSWALK
65+68	-	73+92	RT	-	835	-	-	-	-	-	-	-	MANOR DR - CTH S
67+93	-	153+89	LT	-	8590	-	-	-	-	-	-	-	MANOR DR - CTH J
70+35	-	73+80	RT	-	-	350	-	2	1	-	-	-	NB RIGHT TURN LANE
CTH S INTERSECTION				-	20	-	86	-	1	-	49	54	-	-
74+63	-	75+58	-	-	-	-	95	-	1	-	-	-	-	SB LEFT TURN LANE
74+70	-	538+18	CL	60192	-	-	69967	-	-	-	-	-	-
75+40	-	160+15	RT	-	8480	-	-	-	-	-	-	-	MANOR DR - CTH J
155+14	-	202+51	LT	-	4750	-	-	-	-	-	-	-	CTH J - EVANSON RD
161+37	-	215+65	RT	-	5425	-	-	-	-	-	-	-	CTH J - MINERAL POINT RD
203+52	-	270+74	LT	-	6700	-	-	-	-	-	-	-	EVANSON RD - GREENWALD RD
216+86	-	303+70	RT	-	8680	-	-	-	-	-	-	-	MINERAL POINT RD - HOWERY RD
272+13	-	322+34	LT	-	5025	-	-	-	-	-	-	-	GREENWALD RD - WINDY ACRES WAY
304+80	-	327+56	RT	-	2280	-	-	-	-	-	-	-	HOWERY RD - MCFEE RD
323+39	-	355+37	LT	-	3200	-	-	-	-	-	-	-	WINDY ACRES WAY - VERMONT CHURCH RD
328+52	-	369+02	RT	-	4050	-	-	-	-	-	-	-	MCFEE RD - UNION VALLEY RD
356+89	-	455+26	LT	-	9840	-	-	-	-	-	-	-	VERMONT CHURCH RD - CTH JJ
370+35	-	437+83	RT	-	6760	-	-	-	-	-	-	-	UNION VALLEY RD - MOEN VALLEY RD
439+04	-	503+69	RT	-	6450	-	-	-	-	-	-	-	MOEN VALLEY RD - RED HAWK RUN
456+82	-	479+74	LT	-	2295	-	-	-	-	-	-	-	CTH JJ - MICHAELIS RD
480+92	-	517+98	LT	-	3710	-	-	-	-	-	-	-	MICHAELIS RD - BLUE MOUNDS ST
504+84	-	511+73	RT	-	690	-	-	-	-	-	-	-	RED HAWK RUN - NICOLE CT
512+96	-	523+97	RT	-	1105	-	-	-	-	-	-	-	NICOLE CT - HILLCREST DR
519+35	-	538+18	LT	-	1880	-	-	-	-	-	-	-	BLUE MOUNDS RD - CTH F
525+21	-	528+96	RT	-	380	-	-	-	-	-	-	-	HILLCREST DR - CLEARY AVE
530+08	-	538+18	RT	-	810	-	-	-	-	-	-	-	CLEARY AVE - CTH F
			TOTAL	159730		531	77145	4	1	49	54	80	

FIELD OFFICE TYPE B

LOCATION	642.5001 EACH
PROJECT	1
TOTAL	1

LOCATING NO-PASSING ZONES

LOCATION	648.0100 MI
PROJECT	10
TOTAL	10



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1020	49+02	MAG NAIL EAST SIDE OF PPOL	1215.63
1021	50+29	MAG NAIL EAST SIDE OF PPOL	1214.98
1022	55+60	MAG NAIL WEST SIDE OF PPOL	1210.21
1023	56+08	CHIS X SOUTH SIDE OF MH RIM	1208.82
1024	59+72	"BURY" BOLT ON HYD 200' S. OF BLUE VIEW	1214.05
1025	62+09	MAG NAIL W. SIDE PPOL N.W. QUAD BLUE VIEW	1223.89
1026	65+08	"BURY" BOLT ON HYD S.E. QUAD MANOR DR	1224.68
1027	65+23	MAG NAIL E. SIDE PPOL W. SIDE HWY AT MANOR DR	1223.40

PI STA = 75+51.93
Y = 462994.61
X = 730017.37
DELTA = 44°15'44"
D = 3°43'02"
T = 626.84
L = 1190.70
R = 1541.32
PC STA = 69+25.09
PT STA = 81+15.79

PI STA = 88+79.35
Y = 464349.288
X = 729704.213

N

BM1025

BM1027

BM1026

CP944

PC: 69+25.09

PI: 81+15.79

PI: 88+79.35

65

70

75

80

85

90

95

MANOR DR.

MATCH EXISTING WHERE RADIUS
IS TANGENT TO SIDE ROAD
OR AS DIRECTED BY ENGINEER

MATCH EXISTING WHERE RADIUS
IS TANGENT TO SIDE ROAD
OR AS DIRECTED BY ENGINEER

ENVIRONMENTALLY SENSITIVE

CTH S

5

5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 117	E



5 5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 118 E



5

5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 119	E

PI STA = 165+23.62
Y = 471844.38
X = 728688.35
DELTA = 17°18'35"
D = 3°31'55"
T = 246.93
L = 490.10
R = 1622.27
PC STA = 162+76.69
PT STA = 167+66.79

PI STA = 186+43.70
Y = 473937.31
X = 728519.87
DELTA = 55°51'03"
D = 4°13'07"
T = 719.88
L = 1323.90
R = 1358.15
PC STA = 179+23.83
PT STA = 192+47.73

PI STA = 174+01.21
Y = 472692.92
X = 728450.13
DELTA = 18°53'23"
D = 4°29'58"
T = 211.83
L = 419.82
R = 1273.39
PC STA = 171+89.38
PT STA = 176+09.19

N

PC: 162+76.69

PI: 167+66.79

PC: 171+89.38

PT: 176+09.19

PC: 179+23.83

160

165

170

175

180

185

EXISTING RW

SLOPE INTERCEPT

EXISTING RW

SLOPE INTERCEPT

ENVIRONMENTALLY SENSITIVE

MATCH EXISTING WHERE RADIUS
IS TANGENT TO SIDE ROAD
OR AS DIRECTED BY ENGINEER

CTH J

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 120 E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\050201_PN.DWG
LAYOUT NAME - 050105

PLOT DATE : 7/28/2016 8:54 AM

PLOT BY : BREGAUDIT, CHARLENE PLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



5

5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 121 E



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 122 E

PI STA = 255+03.52
Y = 479294.42
X = 729834.32
DELTA = 1°06'52"
D = 0°34'28"
T = 97.01
L = 194.01
R = 9974.56
PC STA = 254+06.51
PT STA = 256+00.52

MATCH EXISTING WHERE RADIUS
IS TANGENT TO SIDE ROAD
OR AS DIRECTED BY ENGINEER

GREENWALD RD.

N

SLOPE INTERCEPT

PC: 252+75.99

PCC: 254+06.51

PT: 256+00.52

WETLAND

PC: 259+06.06

PT: 263+33.63

SLOPE INTERCEPT

PC: 266+22.53

PT: 271+44.64

PI: 273+74.81

EXISTING RW

PI: 280+82.82

5

5

250

255

260

265

270

275

280

WETLAND

SLOPE INTERCEPT

EXISTING RW

B-13-134
NO WORK WITH THIS CONTRACT

PI STA = 273+74.81
Y = 480873.889
X = 728851.319

PI STA = 253+41.28
Y = 479148.09
X = 729904.53
DELTA = 4°13'43"
D = 3°14'23"
T = 65.29
L = 130.53
R = 1768.59
PC STA = 252+75.99
PT STA = 254+06.51

PI STA = 261+21.46
Y = 479860.89
X = 729587.44
DELTA = 17°10'48"
D = 4°01'05"
T = 215.40
L = 427.57
R = 1425.96
PC STA = 259+06.06
PT STA = 263+33.63

PI STA = 268+84.48
Y = 480443.13
X = 729089.30
DELTA = 11°37'42"
D = 2°13'38"
T = 261.95
L = 522.11
R = 2572.56
PC STA = 266+22.53
PT STA = 271+44.64

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 123	E

PI STA = 280+82.82
Y = 481493.311
X = 728508.400

PI STA = 304+41.44
Y = 483603.14
X = 728163.55
DELTA = 15°14'02"
D = 7°27'21"
T = 102.77
L = 204.32
R = 768.48
PC STA = 303+38.67
PT STA = 305+43.00

PI STA = 290+09.28
Y = 482297.68
X = 728048.72
DELTA = 5°09'29"
D = 2°08'33"
T = 120.46
L = 240.76
R = 2674.40
PC STA = 288+88.81
PT STA = 291+29.57

PI STA = 296+18.52
Y = 482797.46
X = 727700.01
DELTA = 64°49'07"
D = 7°26'21"
T = 488.95
L = 871.31
R = 770.18
PC STA = 291+29.57
PT STA = 300+00.88

PI STA = 309+58.46
Y = 484106.57
X = 728286.46
DELTA = 51°01'07"
D = 6°57'42"
T = 392.73
L = 732.85
R = 823.02
PC STA = 305+65.74
PT STA = 312+98.59

SLOPE INTERCEPT
SLOPE INTERCEPT
SLOPE INTERCEPT
SLOPE INTERCEPT
EXISTING RW
WETLAND
WETLAND
HOWERY RD.
MATCH EXISTING WHERE RADIUS IS TANGENT TO SIDE ROAD OR AS DIRECTED BY ENGINEER
EXISTING RW
PC: 288+88.81
PRC: 291+29.57
PT: 300+00.88
PC: 303+38.67
PC: 305+65.74
PT: 312+98.59
280
290
295
300

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 124	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\050201_PN.DWG
LAYOUT NAME - 050109
PLOT DATE : 7/28/2016 8:55 AM
PLOT BY : BREGAUDIT, CHARLENE PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



5

5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 125	E



5

5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 126	E



5 5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 127	E

PI STA = 408+87.86
Y = 493064.66
X = 725039.49
DELTA = 15°40'06"
D = 3°27'52"
T = 227.56
L = 452.27
R = 1653.88
PC STA = 406+60.30
PT STA = 411+12.58

PI STA = 411+83.30
Y = 493272.372
X = 724825.420

PI STA = 412+79.93
Y = 493338.523
X = 724754.981

PI STA = 428+53.51
Y = 494690.58
X = 723983.92
DELTA = 33°08'21"
D = 4°01'27"
T = 423.61
L = 823.48
R = 1423.75
PC STA = 424+29.90
PT STA = 432+53.37

PI STA = 416+68.89
Y = 493602.79
X = 724469.58
DELTA = 23°08'31"
D = 4°48'05"
T = 244.33
L = 481.99
R = 1193.34
PC STA = 414+24.56
PT STA = 419+06.56

PC: 406+60.30
PT: 411+12.58
PI: 411+83.30
PI: 412+79.93
PC: 414+24.56
PI: 419+06.56
PC: 424+29.90
PT: 432+53.37

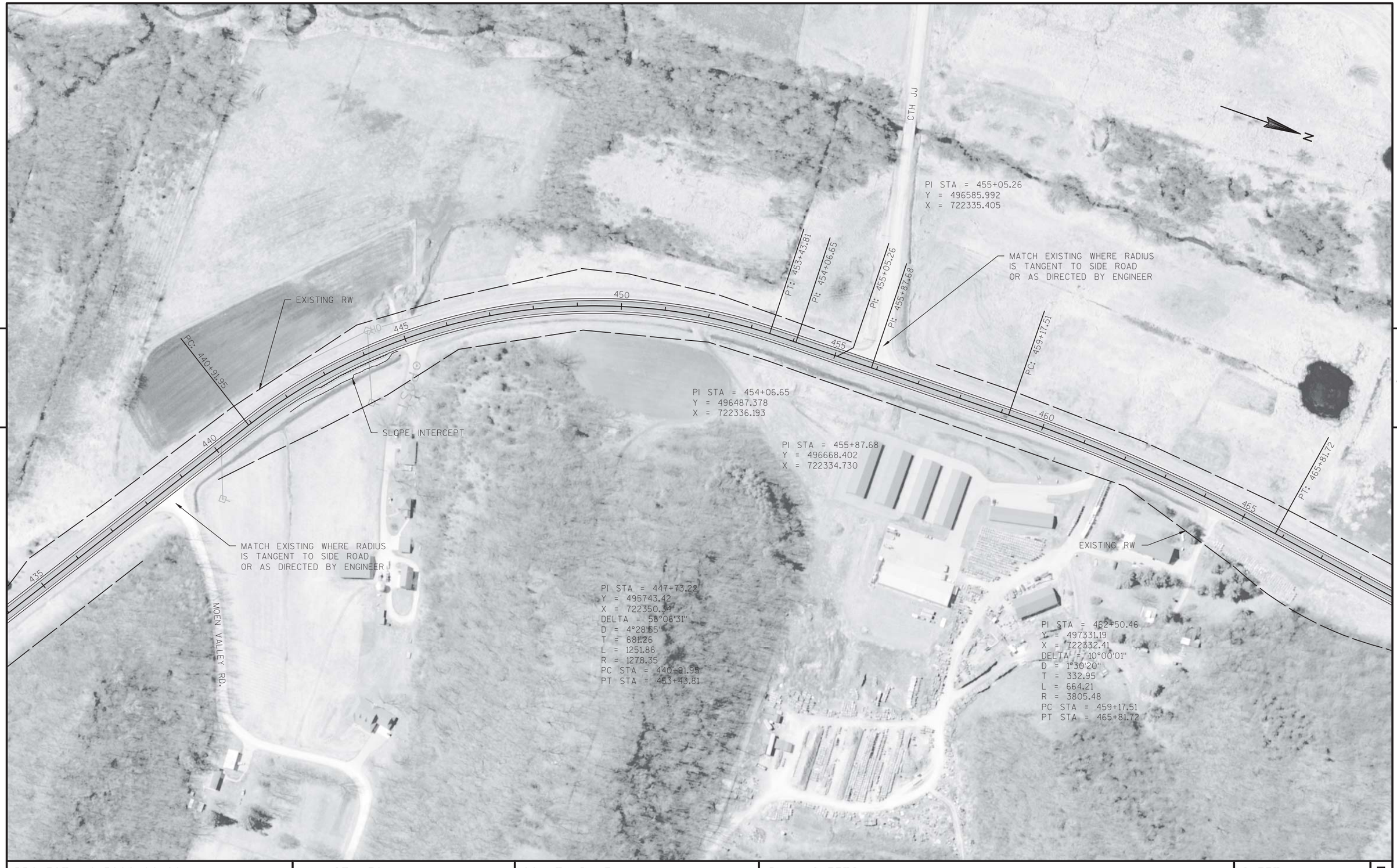
SLOPE INTERCEPT
WETLAND
EXISTING RW
WETLAND
WETLAND
SLOPE INTERCEPT
WETLAND
EXISTING RW

405
410
415
420
425
430
435

5

5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 128 E



PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 129 E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\050201_PN.DWG
LAYOUT NAME - 050114

PLOT DATE : 7/28/2016 8:56 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

PI STA = 477+30.15
Y = 498793.004
X = 722572.282

MICHAELIS RD.

PI STA = 486+67.81
Y = 499717.91
X = 722726.32
DELTA = 2°26'23"
D = 0°22'52"
T = 320.23
L = 640.36
R = 15038.89
PC STA = 483+47.58
PT STA = 489+87.94

MATCH EXISTING WHERE RADIUS
IS TANGENT TO SIDE ROAD
OR AS DIRECTED BY ENGINEER

EXISTING RW

PI: 477+30.15
PC: 483+47.58
PT: 489+87.94
PC: 495+36.37

470 475 480 485 490 495

EXISTING RW

PI STA = 497+90.78
Y = 500831.72
X = 722870.20
DELTA = 20°00'16"
D = 3°58'19"
T = 254.41
L = 503.65
R = 1442.52
PC STA = 495+36.37
PT STA = 500+40.02

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 130 E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\050201_PN.DWG
LAYOUT NAME - 050115

PLOT DATE : 7/28/2016 8:56 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:200 FT



5 5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 131	E

FILE NAME : N:\PDS\C3D\56000030\SHEETSPLAN\050201_PN.DWG
LAYOUT NAME - 050116

PLOT DATE : 7/28/2016 8:56 AM PLOT BY : BREGAUDIT, CHARLENE PLOT NAME : PLOT SCALE : 1 IN:200 FT

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1028	N/A	"BURY" BOLT ON HYD N.W. QUAD	825.47
1029	N/A	N.W. COR OF BOT STEP HSE #1307 S.W. QUAD	824.66

N

516+54.16

BLUE MOUNDS ST.

PCC: 529+39.74

520

525

530

535

PI STA = 538+18.00
Y = 504612.578
X = 724031.106

CP946

END PROJECT
STA 538+18

BM1029

CP945

CTH KP

BM1028

HILLCREST DR.

CLEARY AVE.

PI STA = 523+08.01
Y = 503080.34
X = 724013.02
DELTA = 25°46'02"
D = 2°00'16"
T = 653.85
L = 1285.58
R = 2858.61
PC STA = 516+54.16
PT STA = 529+39.74

PI STA = 533+79.00
Y = 504173.32
X = 724030.23
DELTA = 0°47'17"
D = 0°05'23"
T = 439.26
L = 878.51
R = 63868.23
PC STA = 529+39.74
PT STA = 538+18.25

5

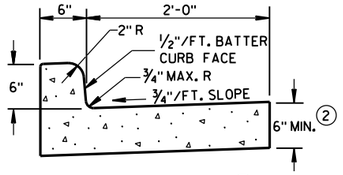
5

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PLAN SHEETS	SHEET 132 E

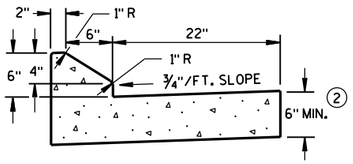
Standard Detail Drawing List

08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-17A	CURB RAMPS TYPES 1 AND 1-A
08D05-17B	CURB RAMPS TYPES 2 AND 3
08D05-17C	CURB RAMPS TYPES 4A AND 4A1
08D05-17D	CURB RAMPS TYPE 4B AND 4B1
08D05-17E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
09A01-13B	AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"
13A10-01A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
14B15-09A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-09B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-09C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS
14B18-06A	STEEL PLATE BEAM GUARD, CLASS "A" (AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS)
14B20-11A	STEEL THRIE BEAM STRUCTURE APPROACH
14B20-11E	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"
14B24-08A	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-08B	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-08C	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B27-01A	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01B	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01C	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B42-04A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-04B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-04C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-04A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C06-08	SIGNING & MARKING FOR TWO LANE BRIDGES
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C08-16F	PAVEMENT MARKING (ISLANDS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C18-03	MEDIAN ISLAND MARKING
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

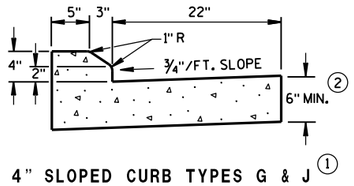
6



TYPES A & D ①

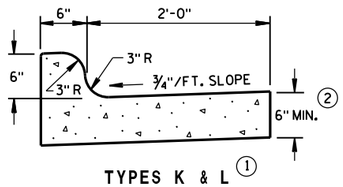


6" SLOPED CURB TYPES G & J ①

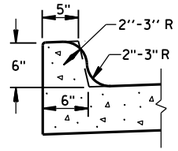


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

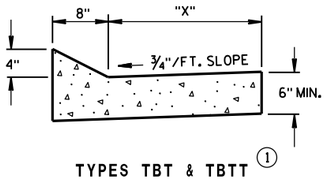


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

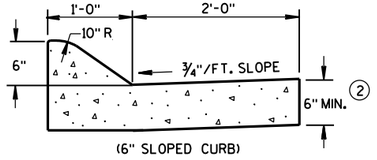
CONCRETE CURB & GUTTER 30"



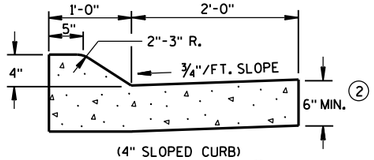
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

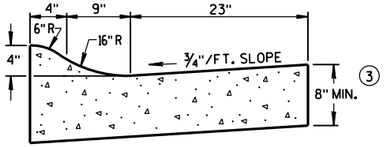


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ① ④

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS 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 & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

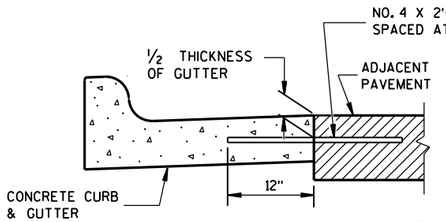
① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

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.

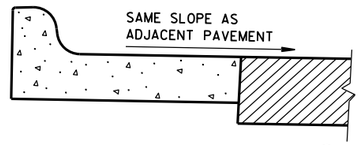
③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

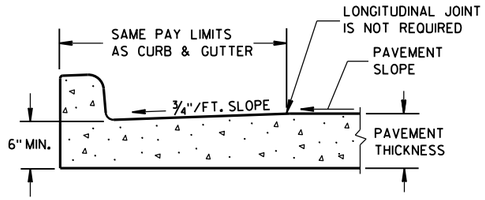
⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



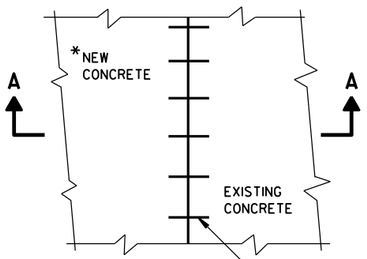
TYPICAL TIE BAR LOCATION ①



REVERSE SLOPE GUTTER ⑤
(TYPICAL FOR ALL CURB & GUTTER TYPES)

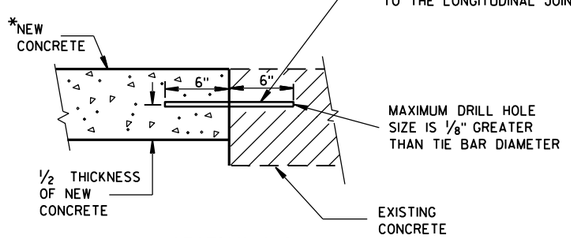


PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



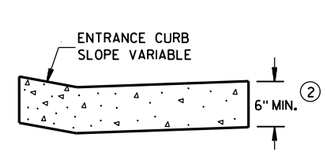
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

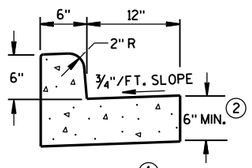


SECTION A-A

TIE BARS DRILLED
INTO EXISTING PAVEMENT

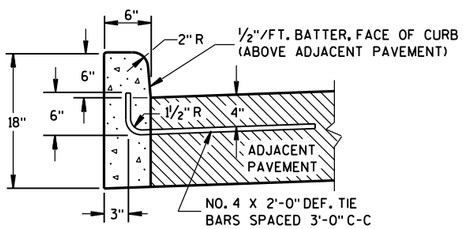


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

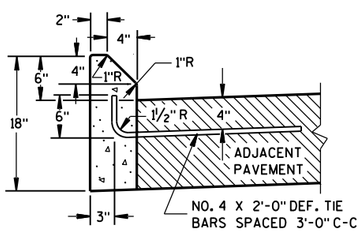


① TYPES A & D

CONCRETE CURB & GUTTER 18"

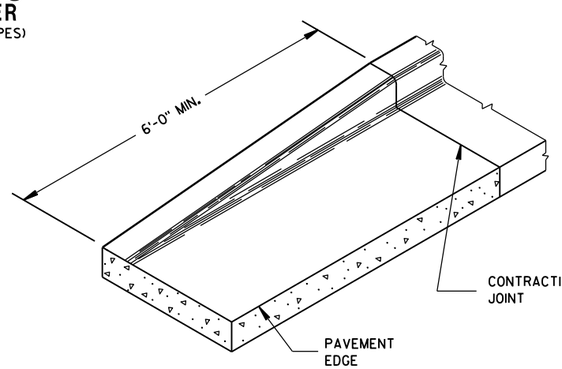


① TYPES A & D



① TYPES G & J

CONCRETE CURB



END SECTION CURB & GUTTER

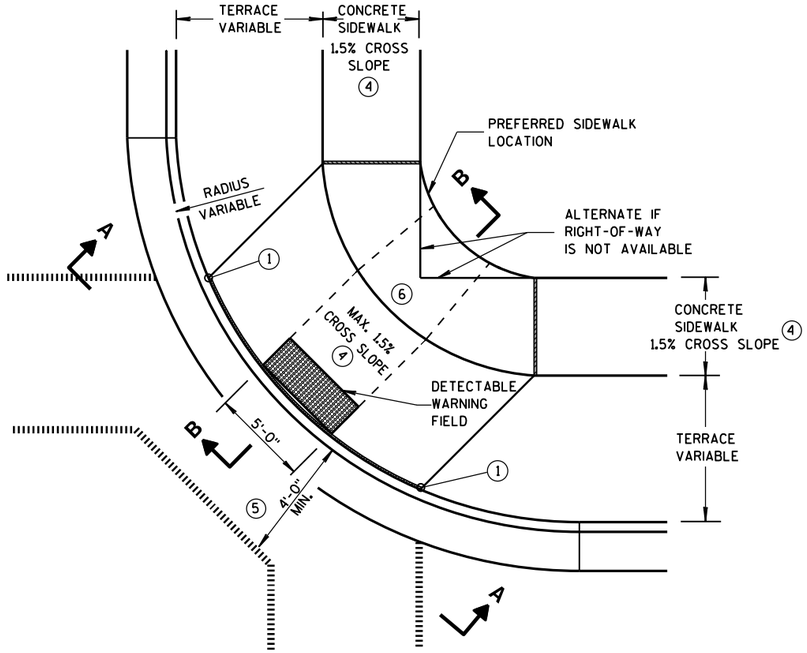
CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

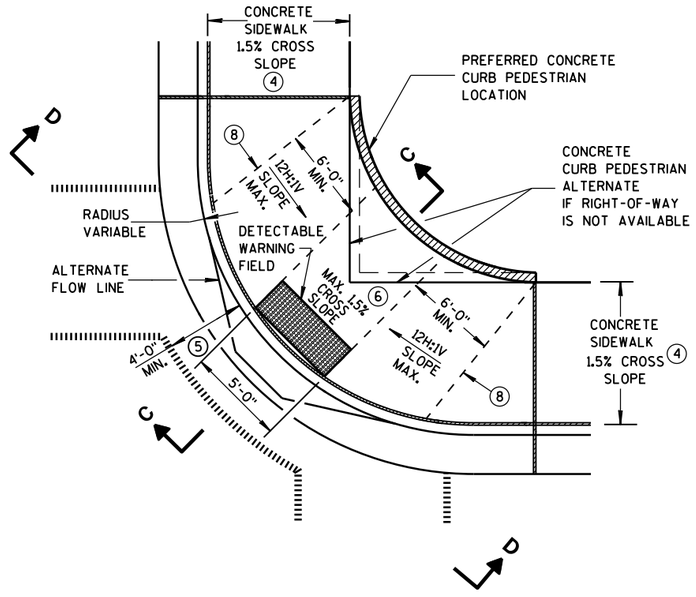
S.D.D. 8 D 1-18



PLAN VIEW

TYPE 1 RAMP

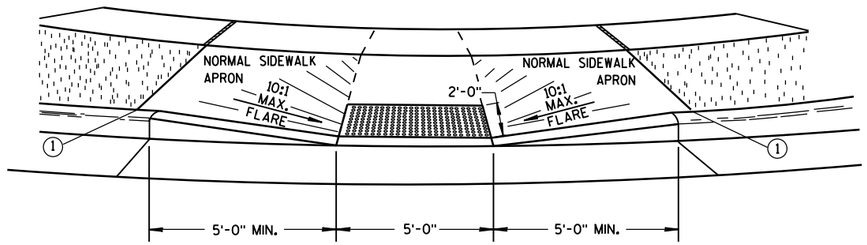
(CENTER OF CORNER RADIUS)



PLAN VIEW

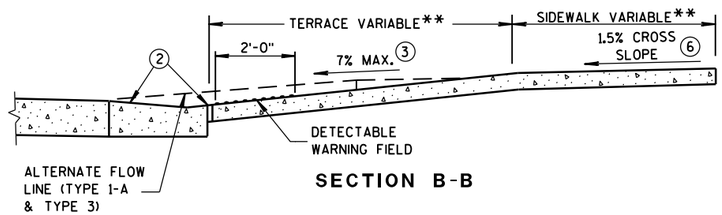
TYPE 1-A RAMP

(NO TERRACE)

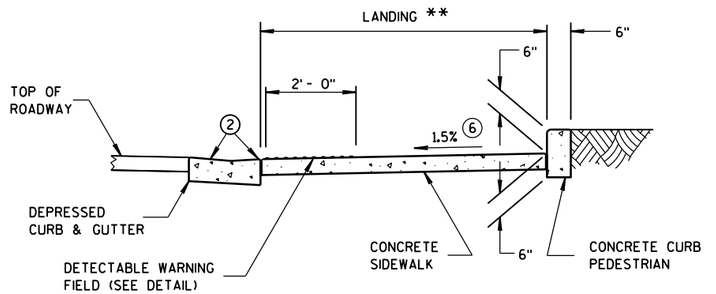


VIEW A-A

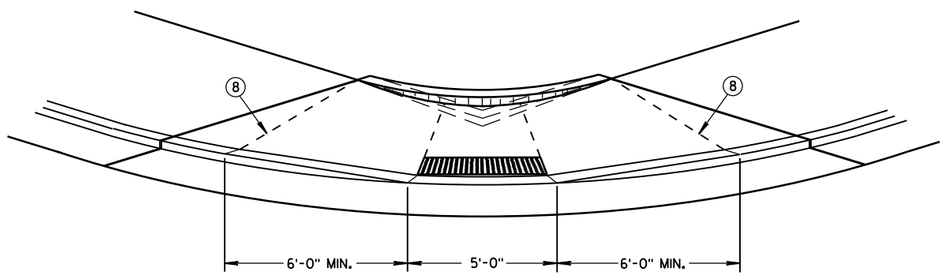
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD 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 LINEAL 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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (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.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

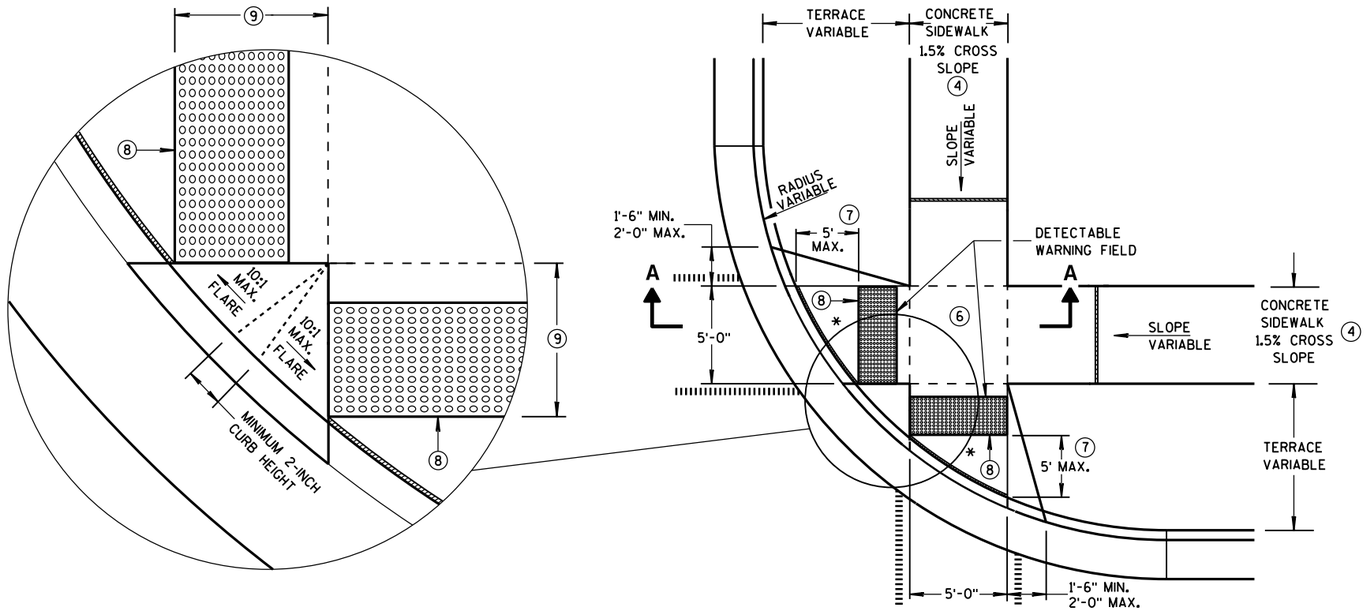
(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

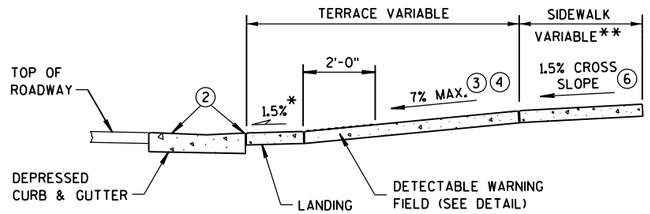


PLAN VIEW

TYPE 2 RAMP

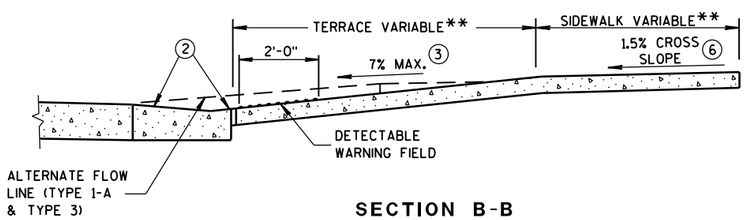
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B

GENERAL NOTES

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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (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 X 5 FEET (MINIMUM 4 FEET X 4 FEET).

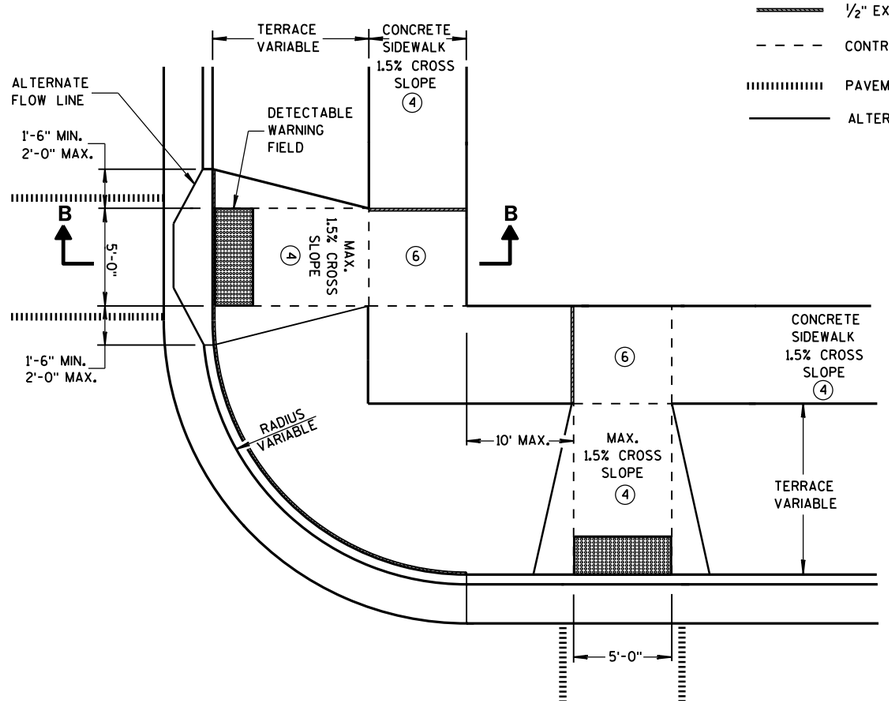
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS 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.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW

TYPE 3 RAMP

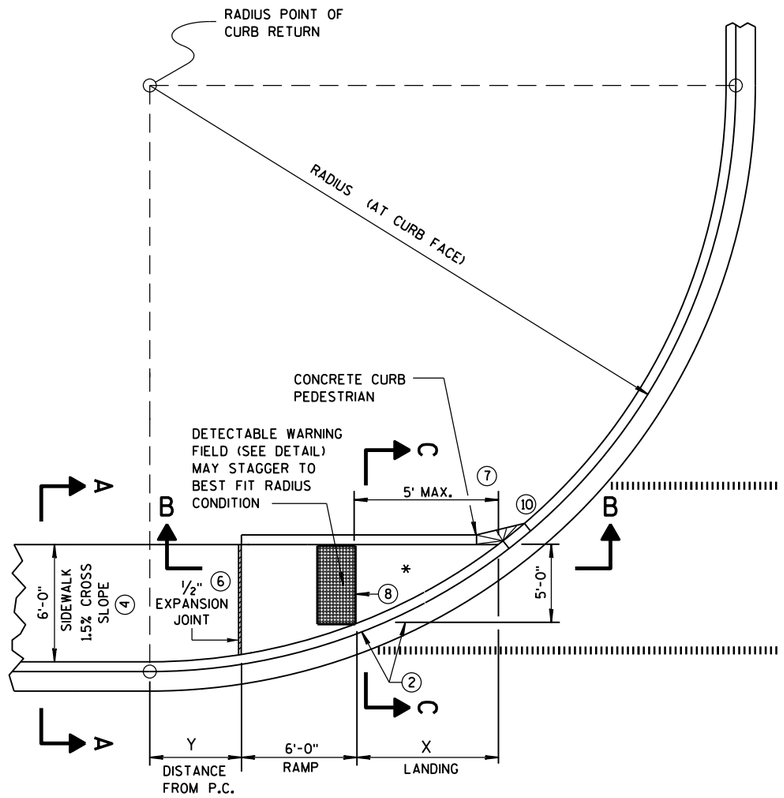
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 8 D 5-17b

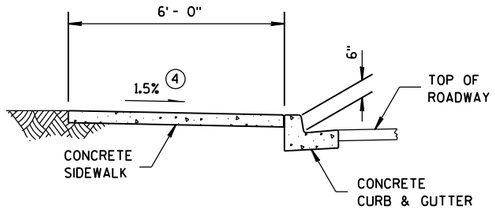


CURB RAMP TYPE 4A

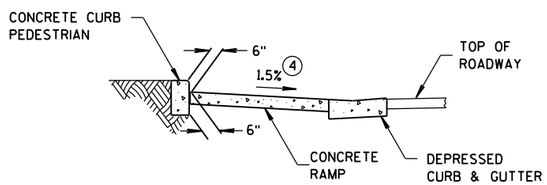
PLAN VIEW

RADIUS (AT CURB FACE)	X	Y
20 FEET	7'-11"	0'-2"
30 FEET	10'-2¾"	1'-7½"
40 FEET	12'-1¼"	2'-10"
50 FEET	13'-8¾"	3'-10¾"
60 FEET	15'-2"	4'-10¼"

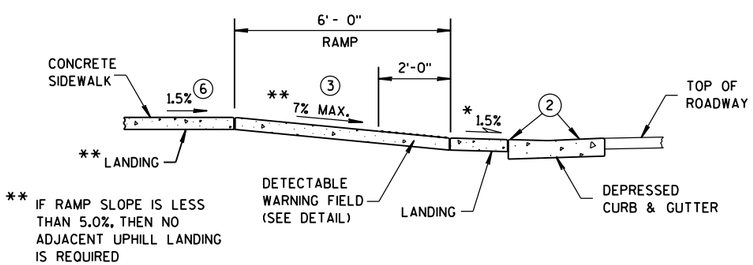
INTERMEDIATE RADII CAN BE INTERPOLATED



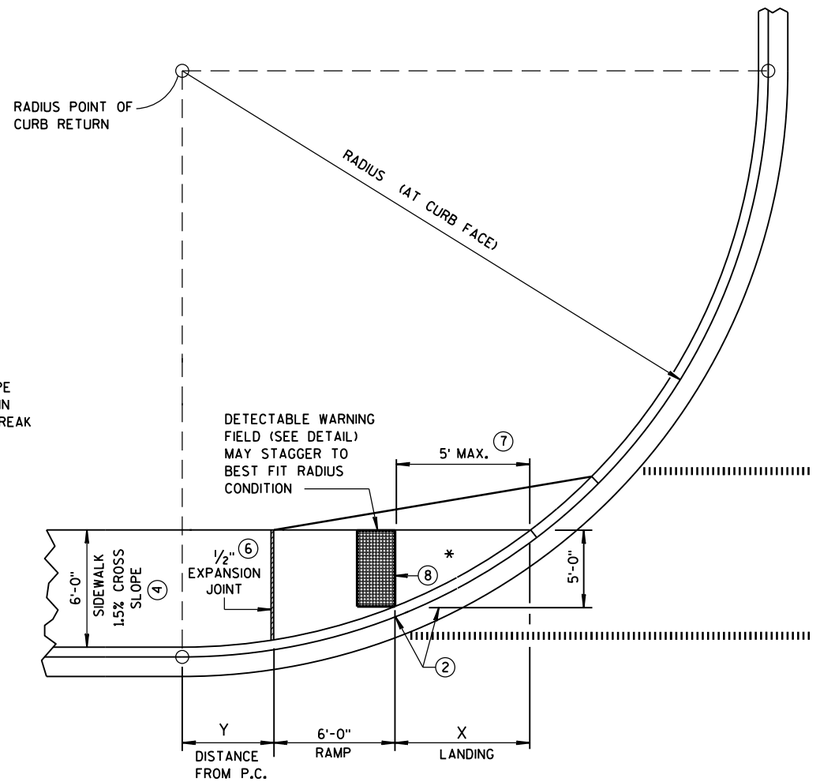
SECTION A-A FOR TYPE 4A



SECTION C-C FOR TYPE 4A



SECTION B-B FOR TYPE 4A



CURB RAMP TYPE 4A1

PLAN VIEW

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

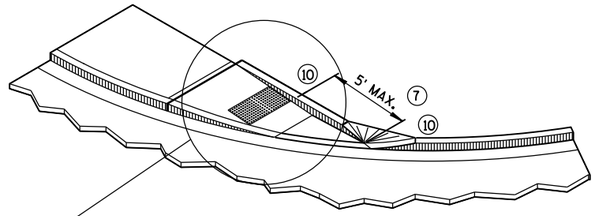
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

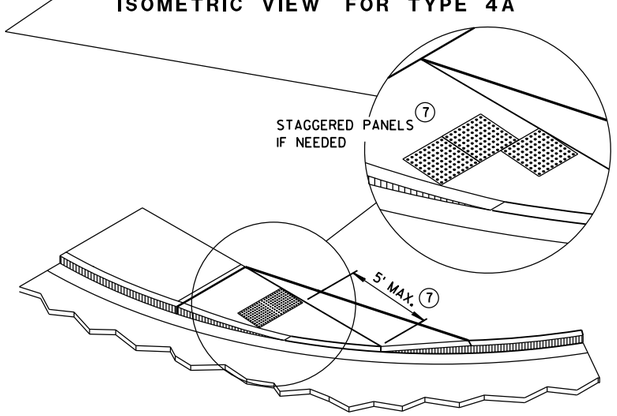
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

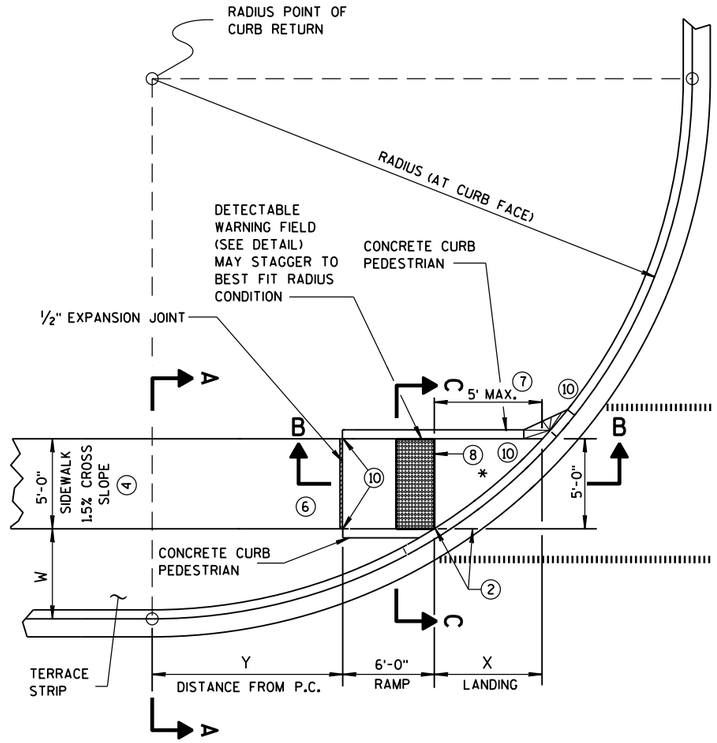
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 4A AND 4A1

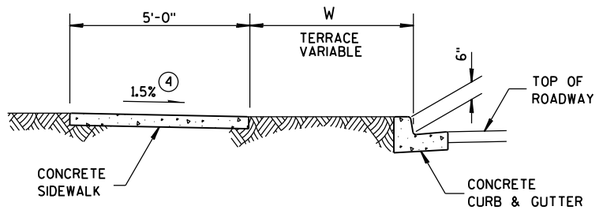
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

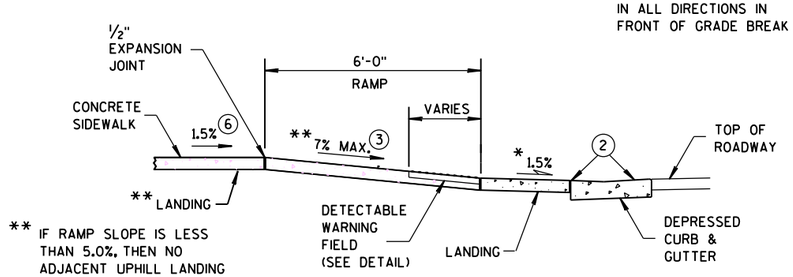
S.D.D. 8 D 5-17c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



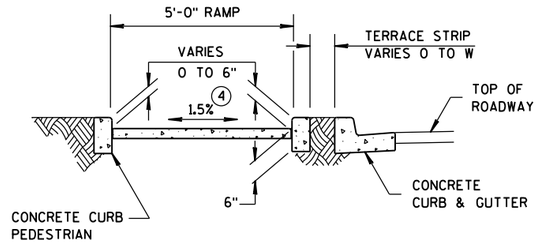
SECTION B-B FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C-C FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-6¾"	3'-3"	8'-6¼"
30 FEET	7'-9¼"	5'-10½"	6'-9½"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"
40 FEET	9'-4"	7'-10"	8'-2¾"	10'-3"	7'-4¾"	12'-3¾"	6'-8½"	14'-1¼"	6'-1¾"	15'-8½"
50 FEET	10'-8"	9'-6½"	9'-5½"	12'-3¼"	8'-6½"	14'-7½"	7'-9¾"	16'-8¼"	7'-2½"	18'-6¼"
60 FEET	11'-10¼"	11'-0¾"	10'-6½"	14'-1¼"	9'-6½"	16'-8½"	8'-9¼"	18'-11¾"	8'-1½"	21'-0½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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 NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

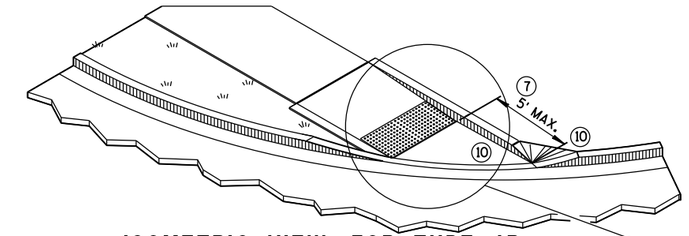
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

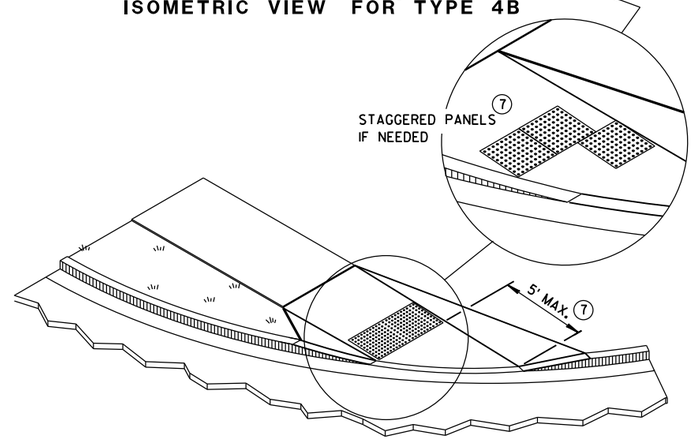
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

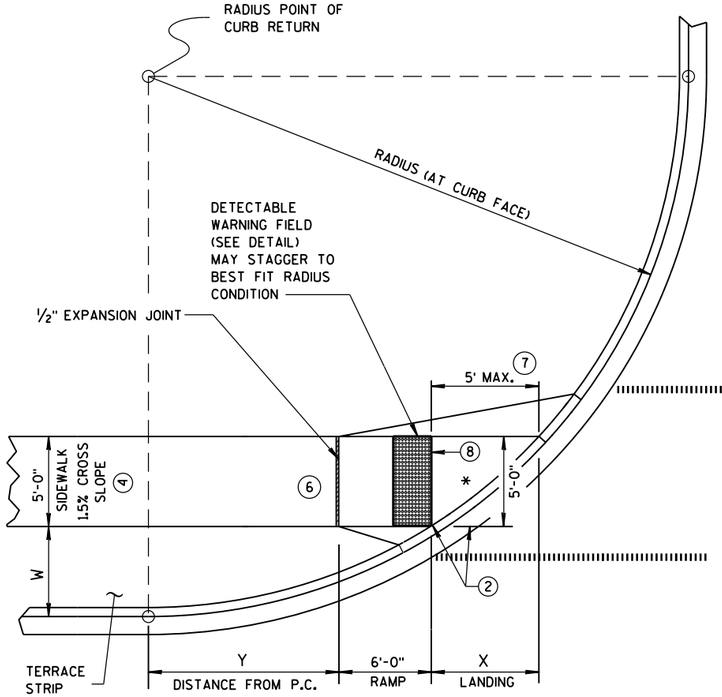
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



CURB RAMP TYPE 4B1
PLAN VIEW

CURB RAMPS TYPE 4B AND 4B1

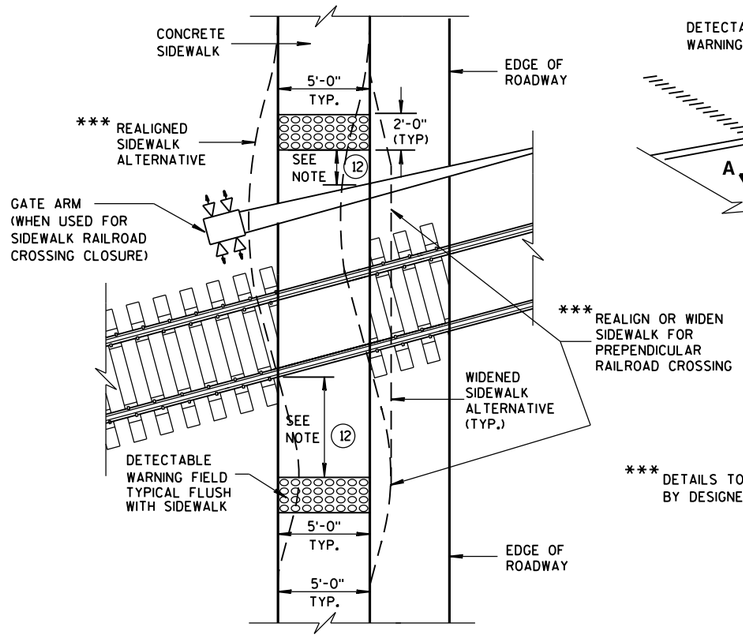
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 8 D 5-17d

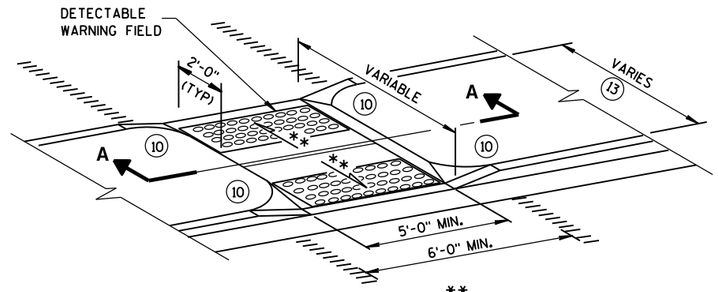
6

S.D.D. 8 D 5-17d



*** DETAILS TO BE DETERMINED BY DESIGNER

TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



** 1% MIN. (PROVIDE DRAINAGE)

MEDIAN ISLAND NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

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 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (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.

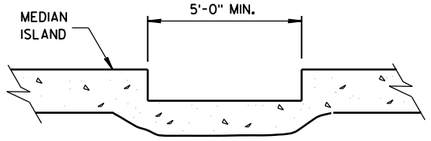
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

(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. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

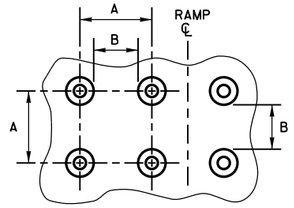
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS IF MEDIAN WIDTH BETWEEN BACK OF CURBS IS LESS THAN 6 FEET.



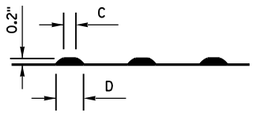
SECTION A-A

	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.

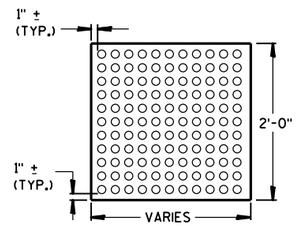


PLAN VIEW

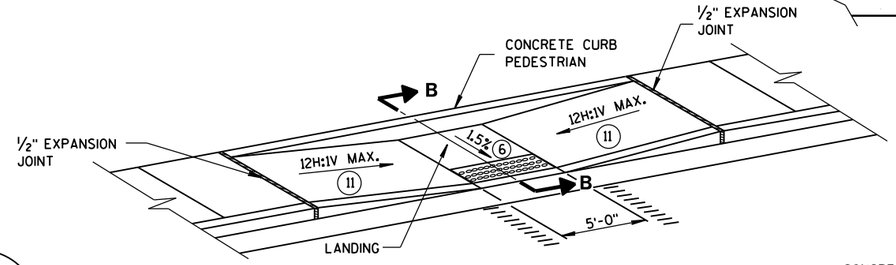


ELEVATION VIEW

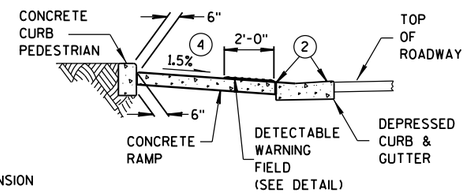
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



PLAN VIEW
DETECTABLE WARNING FIELD (TYPICAL)

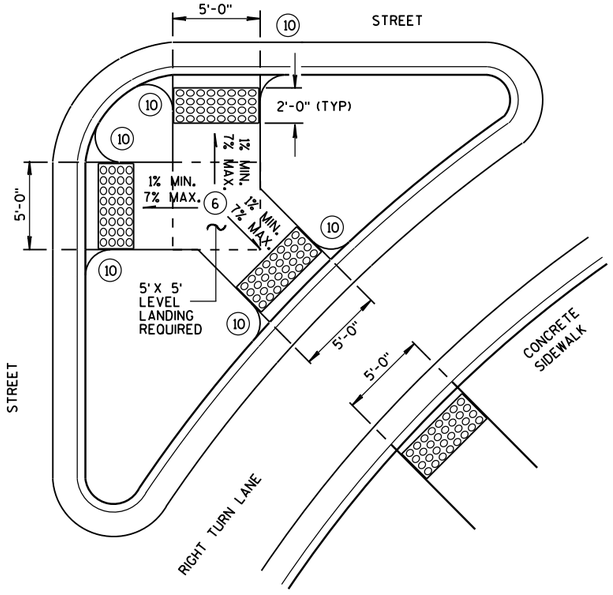


MID-BLOCK CROSSING
TYPE 7A

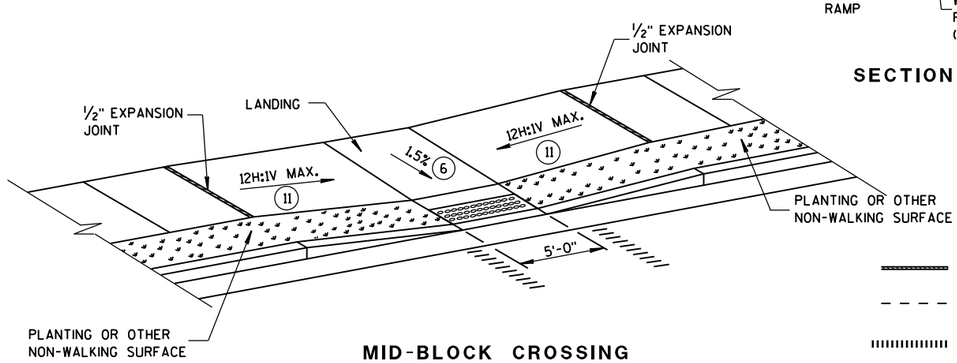


SECTION B-B

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 5, 6, 7A, 7B & 8

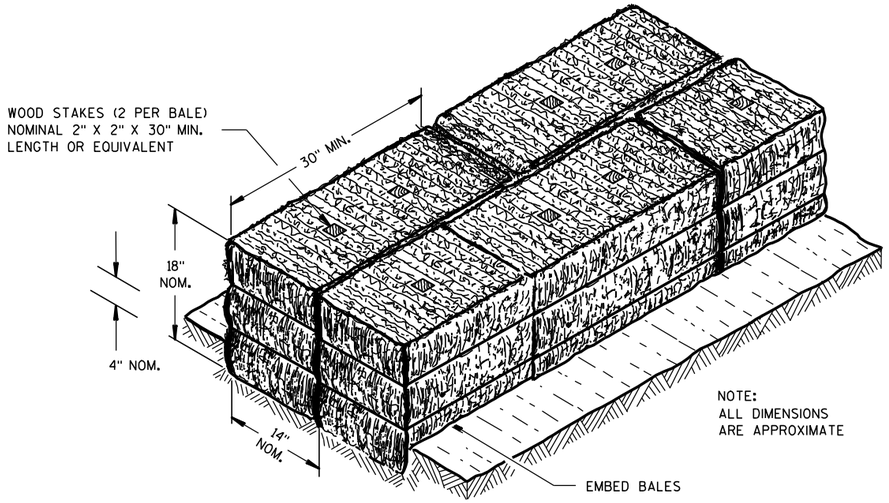
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2016
DATE
FHWA

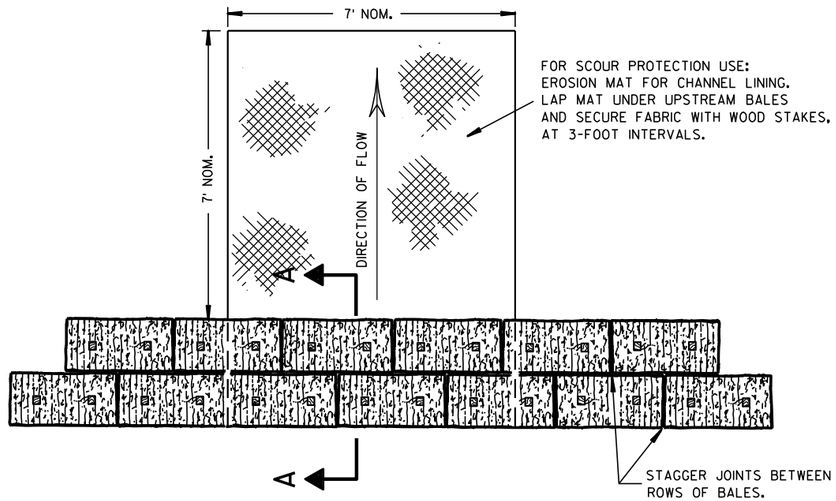
/S/ Jerry H. Zogg
ROADWAY STANDARDS [illegible] ENGINEER

6

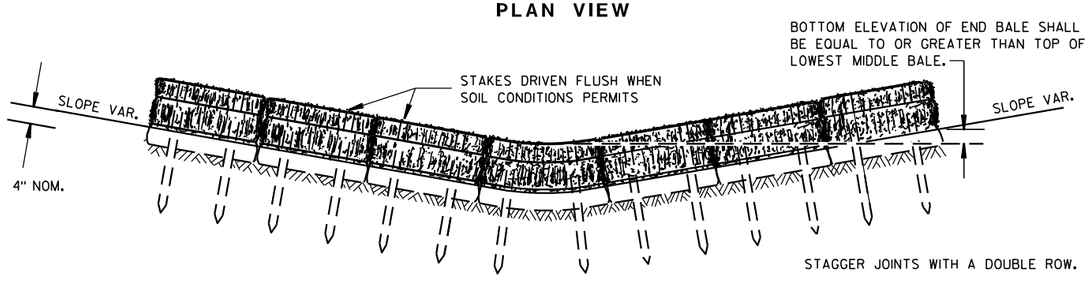
S.D.D. 8 D 5-17e



SECTION A-A



PLAN VIEW



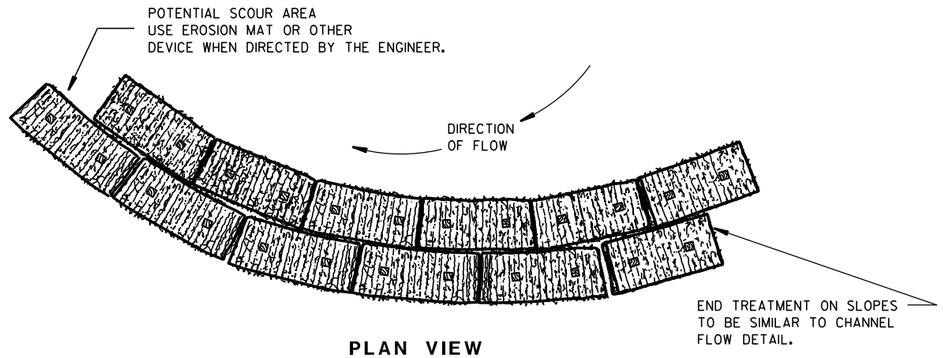
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

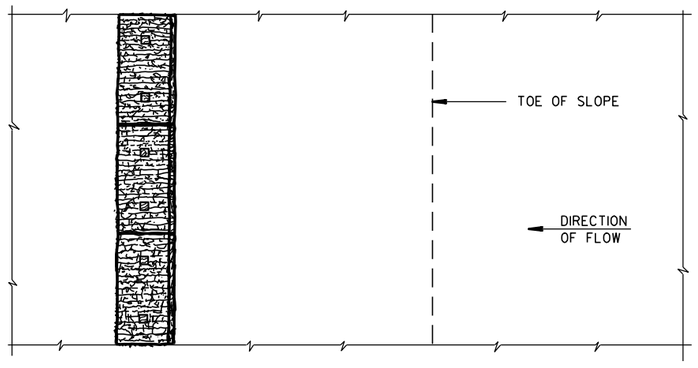
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(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.

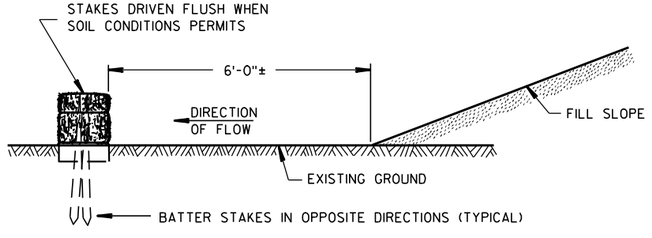


PLAN VIEW

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

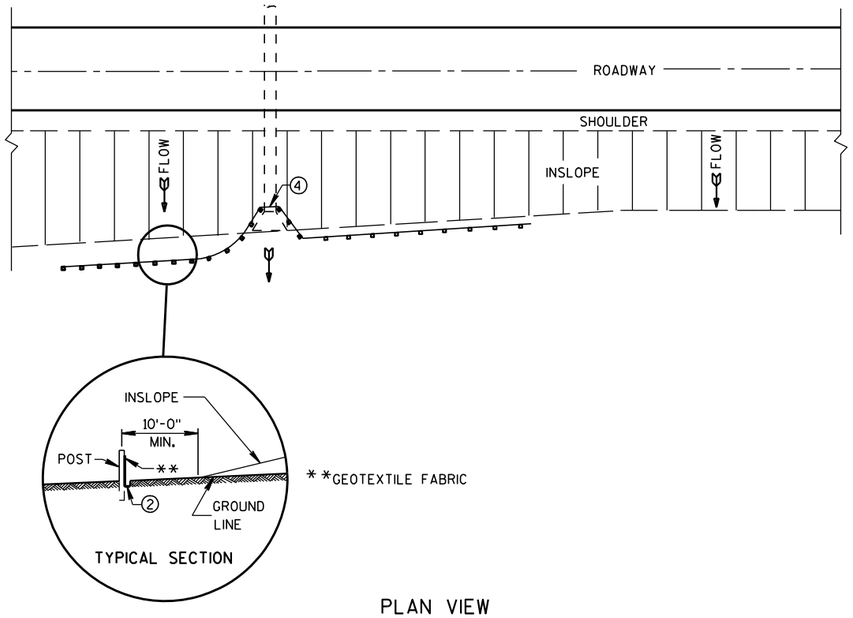
APPROVED

6/04/02 DATE — /S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

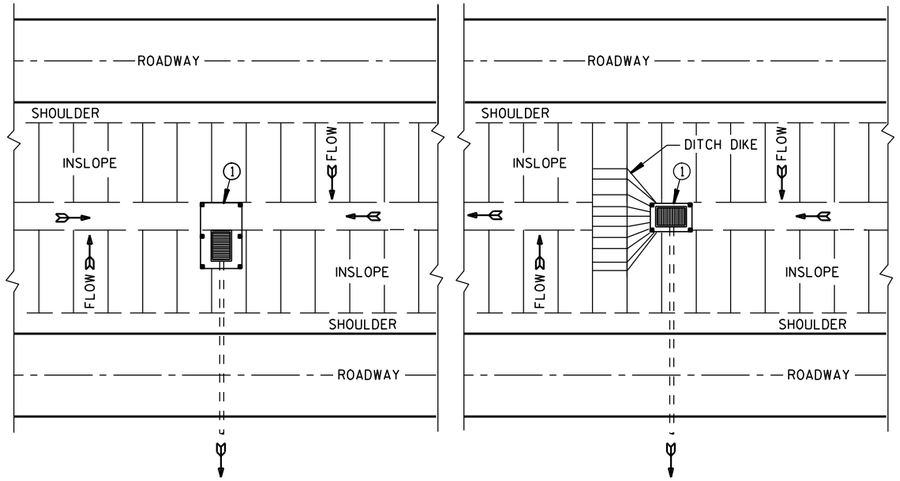
6

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.

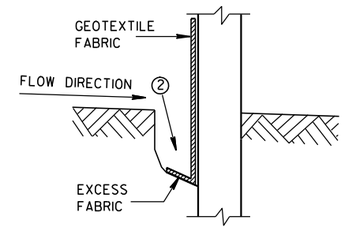
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

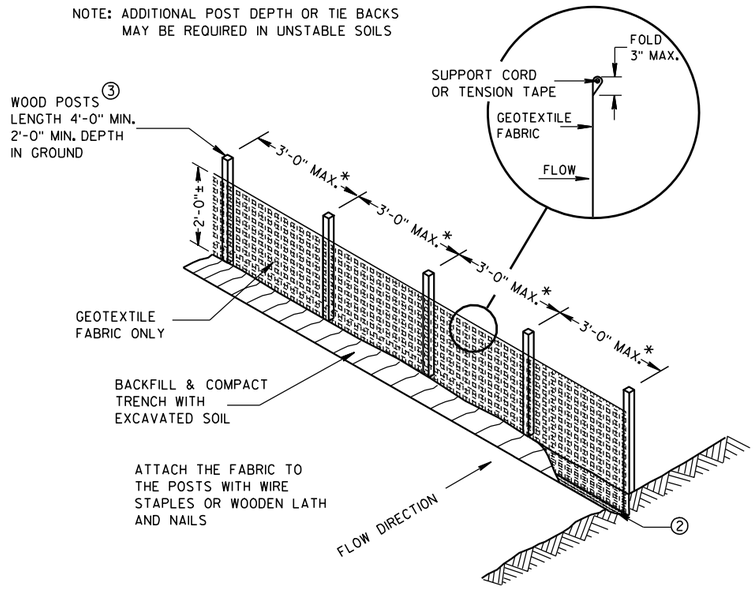
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

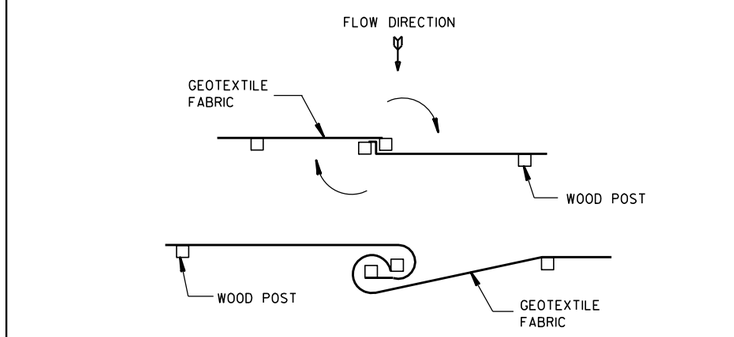
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



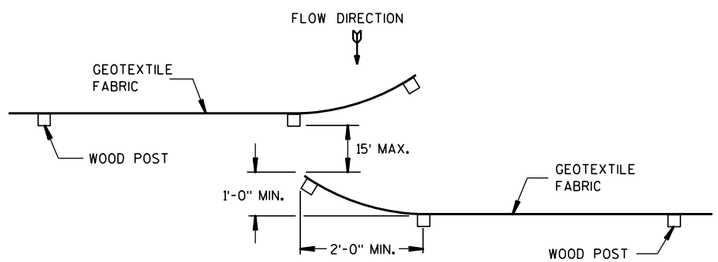
TRENCH DETAIL



SILT FENCE

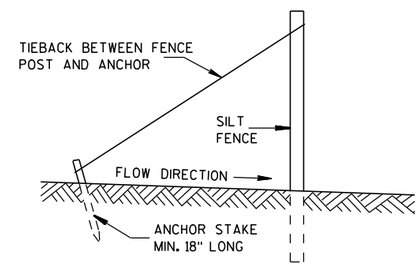


TWIST METHOD



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

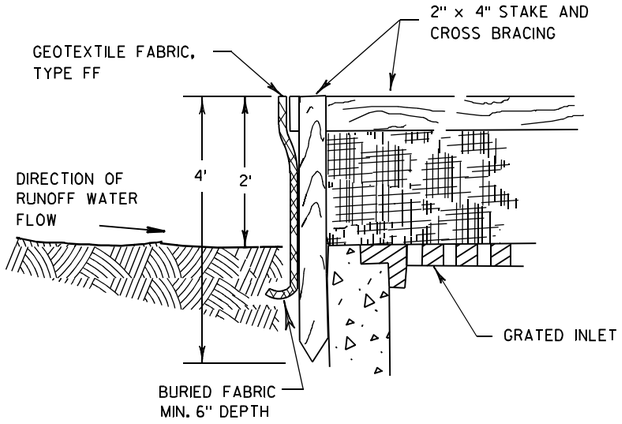
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

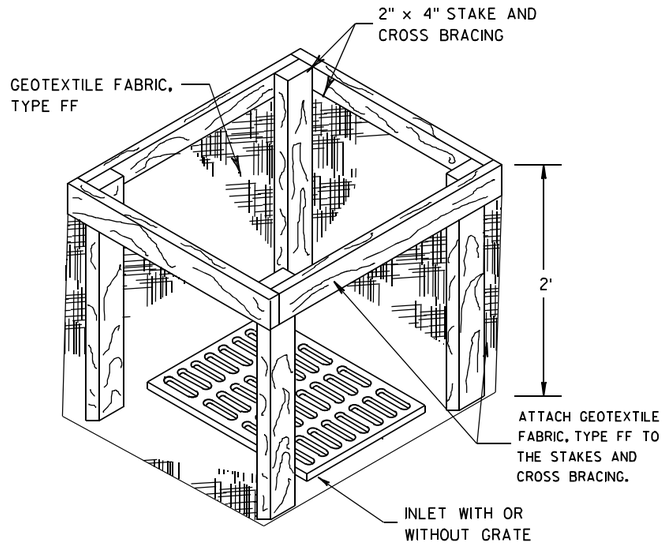
6

S.D.D. 8 E 9-6

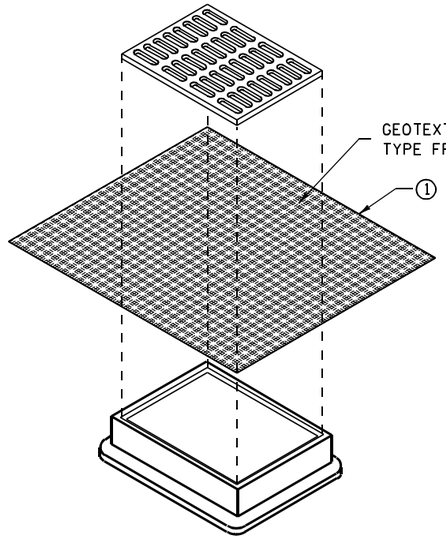
6

S.D.D. 8 E 9-6



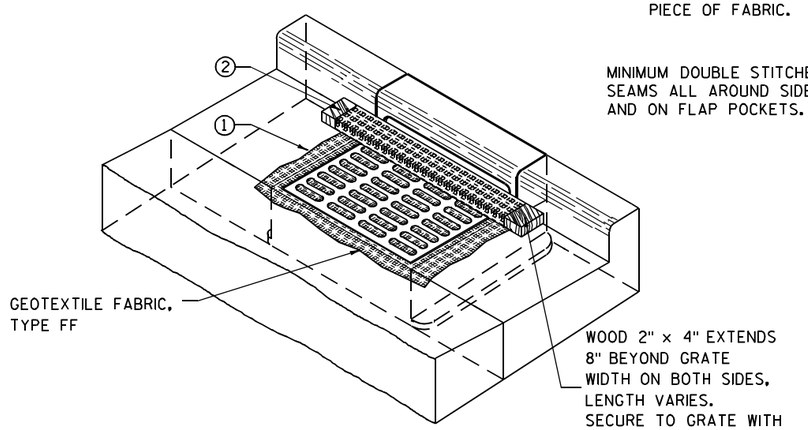


INLET PROTECTION, TYPE A

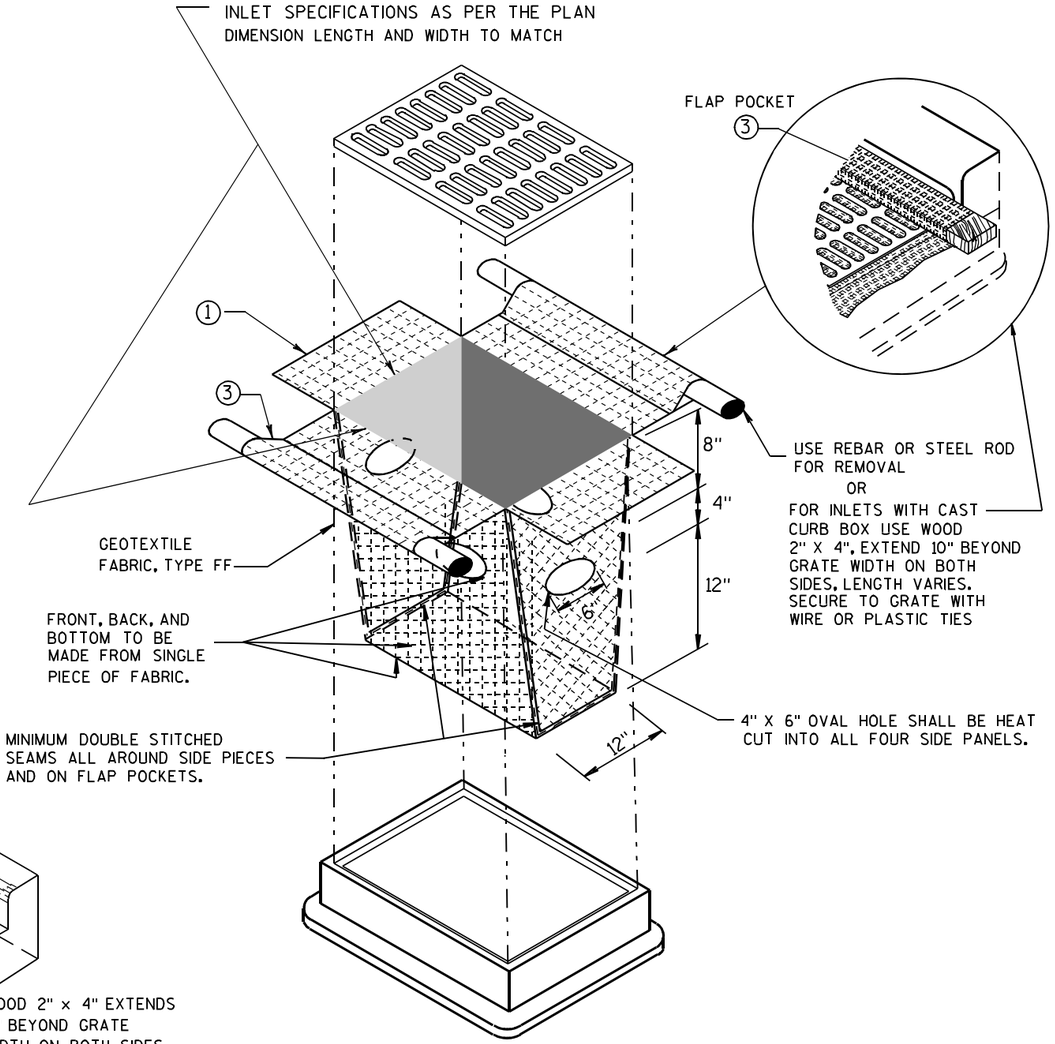


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

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.

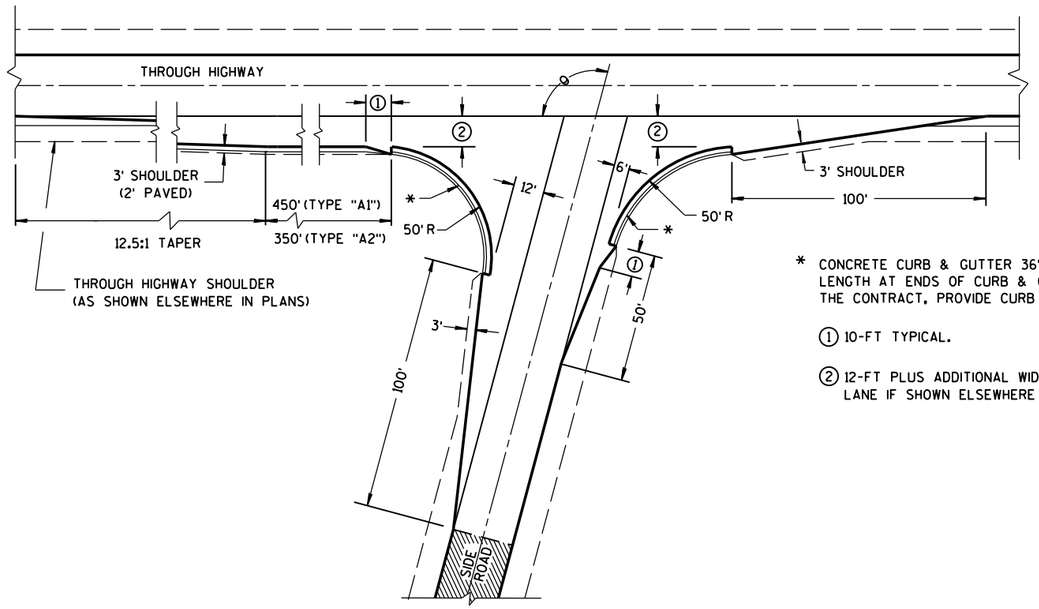
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE 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



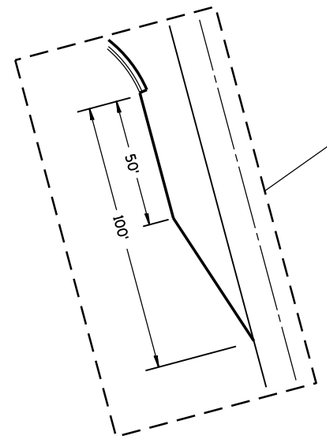
θ = MORE THAN 80°

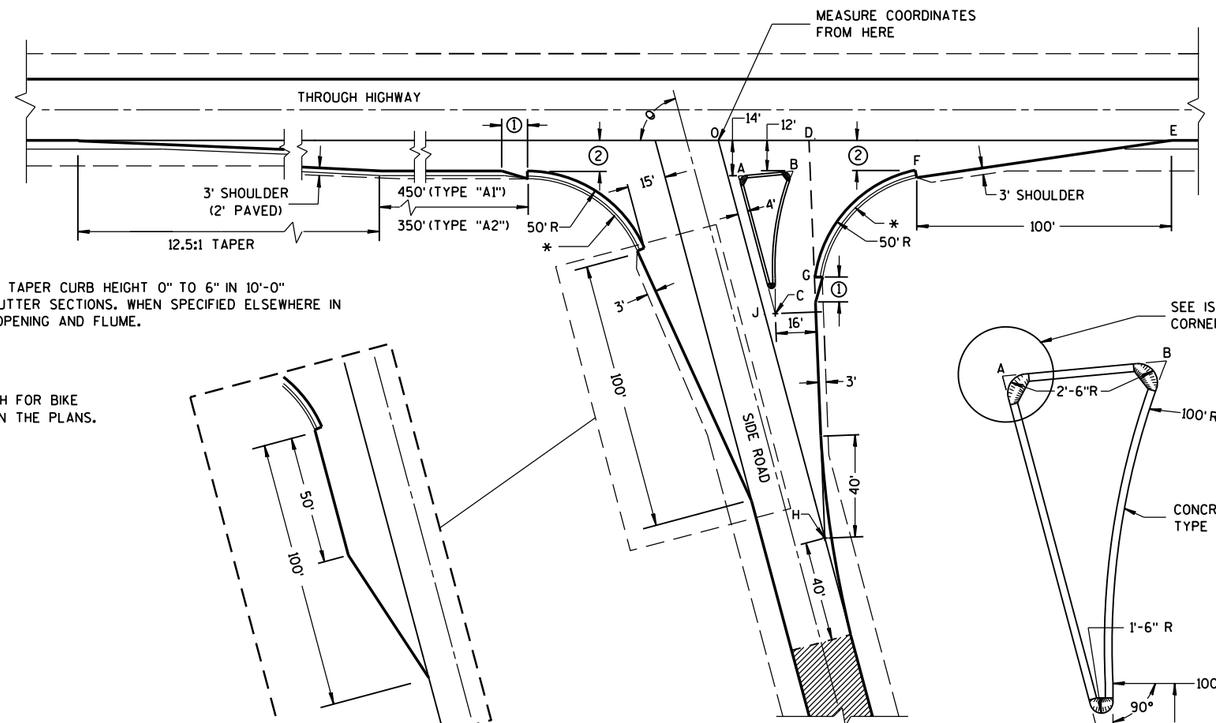
* CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

① 10-FT TYPICAL.

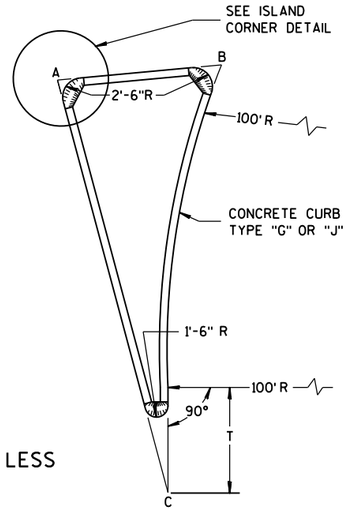
② 12-FT PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLANS.

EXISTING PAVED SURFACE

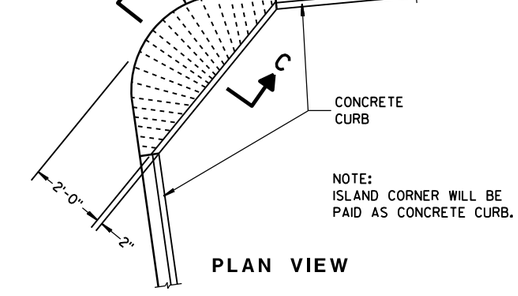




θ = ACUTE ANGLES 80° OR LESS

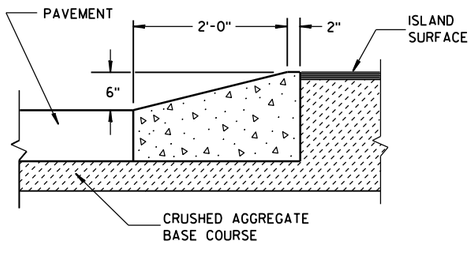


SIDE ROAD WIDENING AND TAPER REQUIRED WHERE
THE THROUGH HIGHWAY CARRIES TWO-WAY TRAFFIC
θ = ACUTE ANGLES 70° OR LESS



NOTE:
ISLAND CORNER WILL BE
PAID AS CONCRETE CURB.

PLAN VIEW



SECTION C-C

ISLAND CORNER DETAIL

(TO BE CONSTRUCTED 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" & "A2" SIDE ROAD INTERSECTION DETAILS

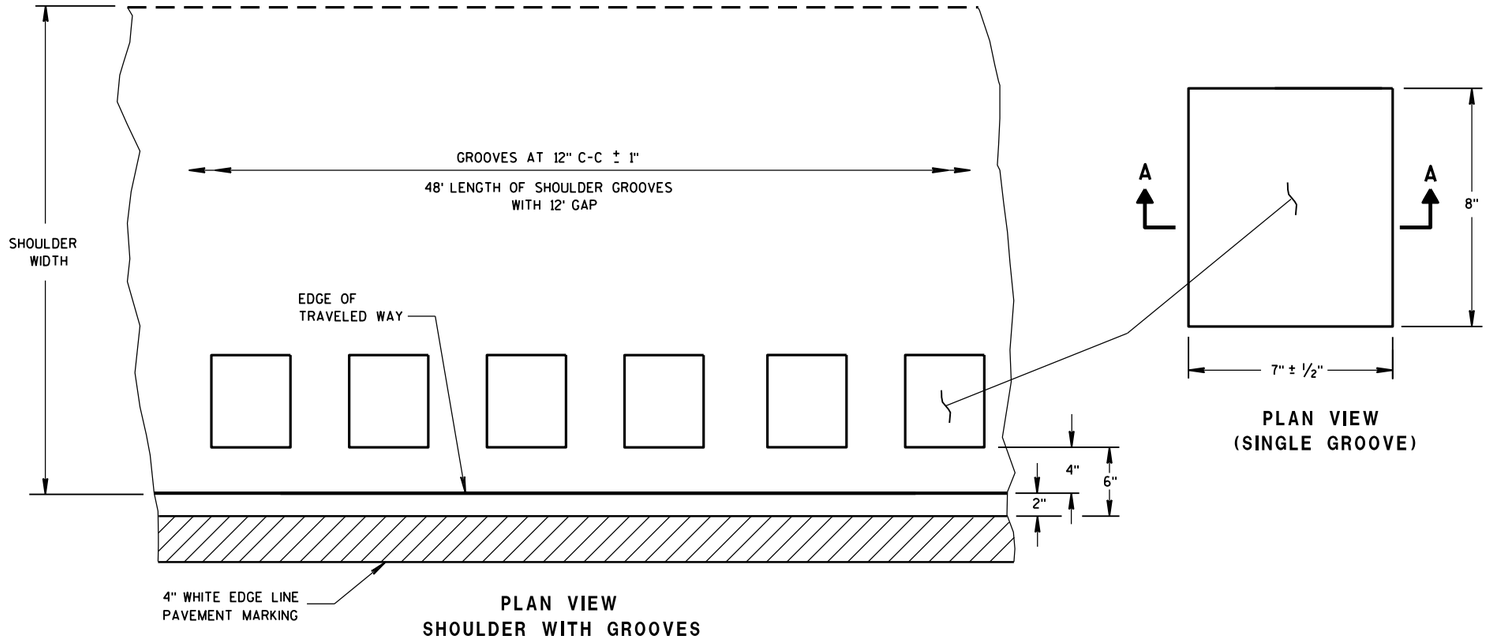
AT-GRADE SIDE ROAD
INTERSECTION, TYPE "A1" & "A2"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/18/12 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 9 A 1-13b



PLAN VIEW
SHOULDER WITH GROOVES

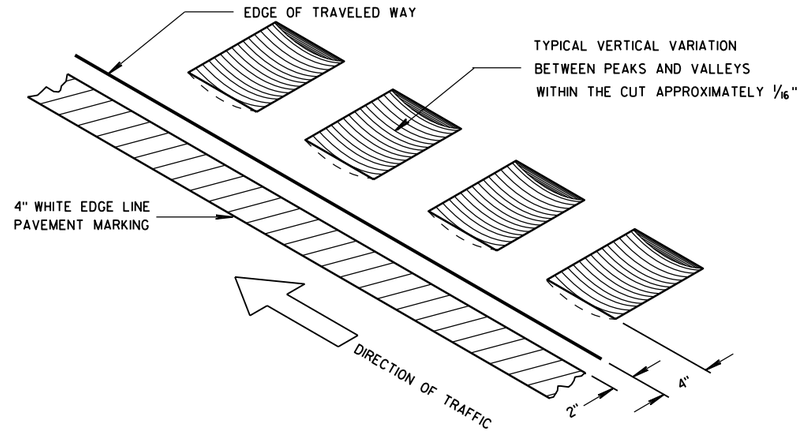
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

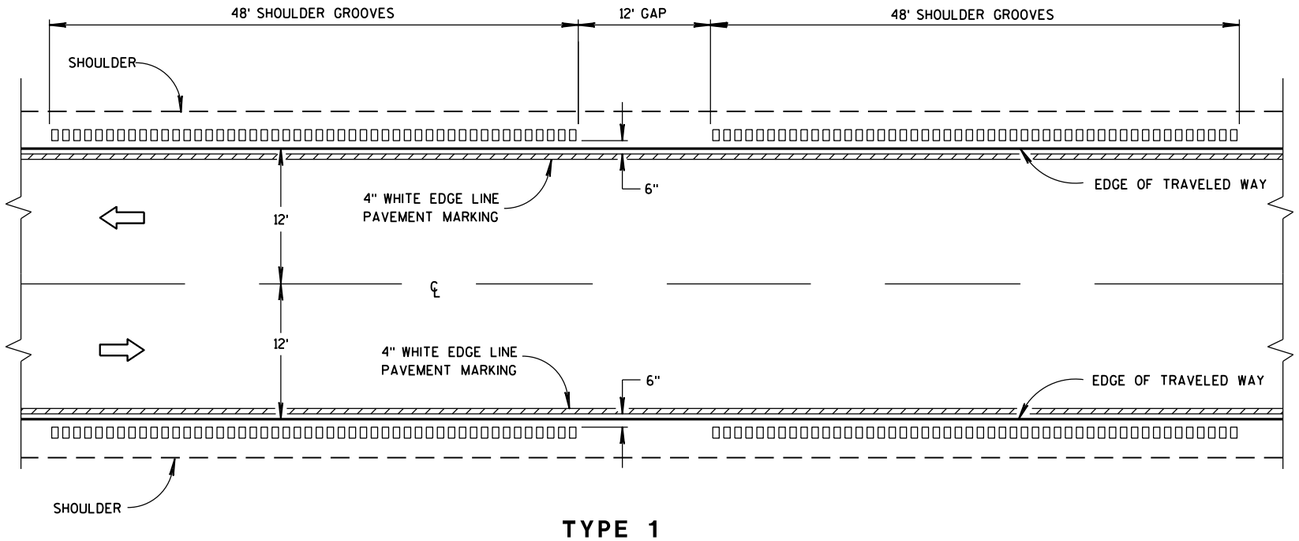
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.

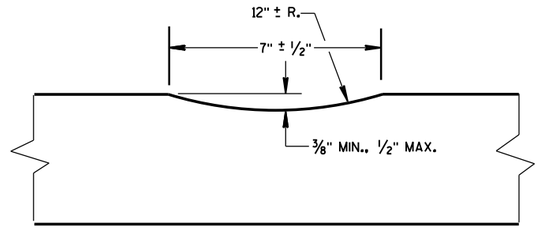


ISOMETRIC

PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP



TYPE 1
2-LANE SHOULDER RUMBLE STRIP



SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

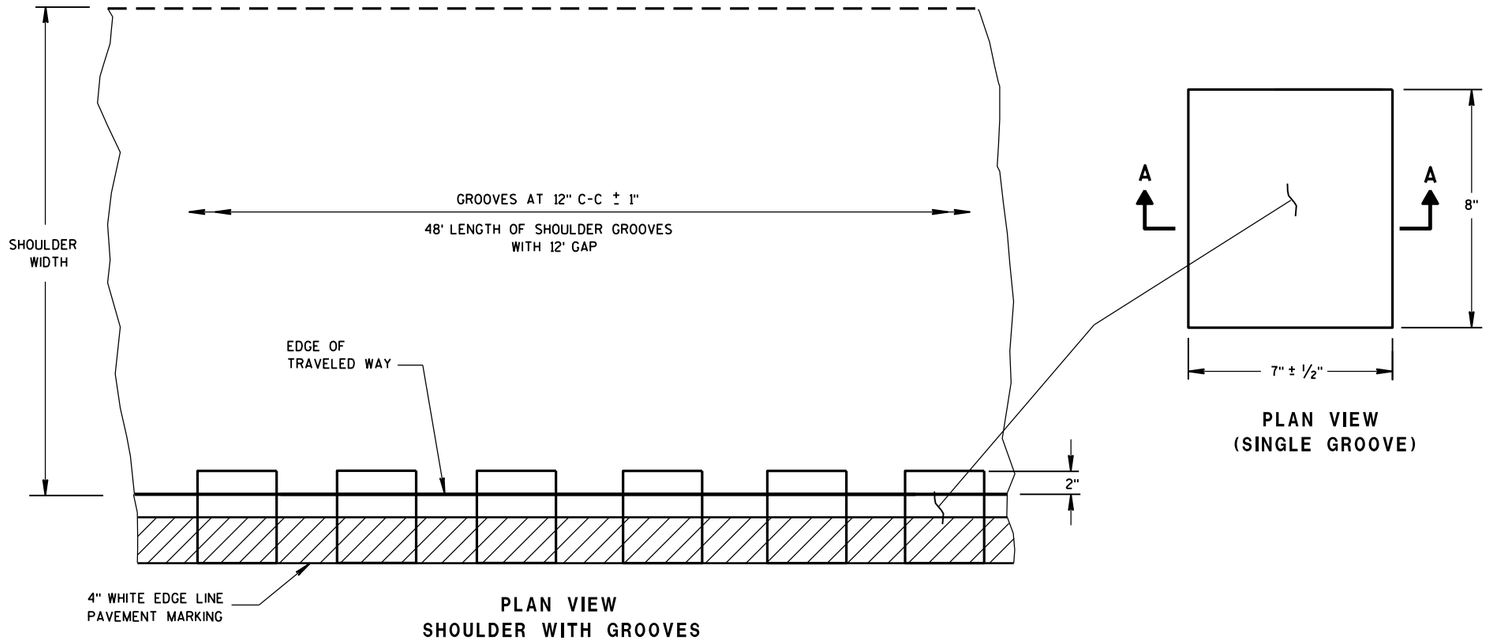
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 13 A 10-1a

6

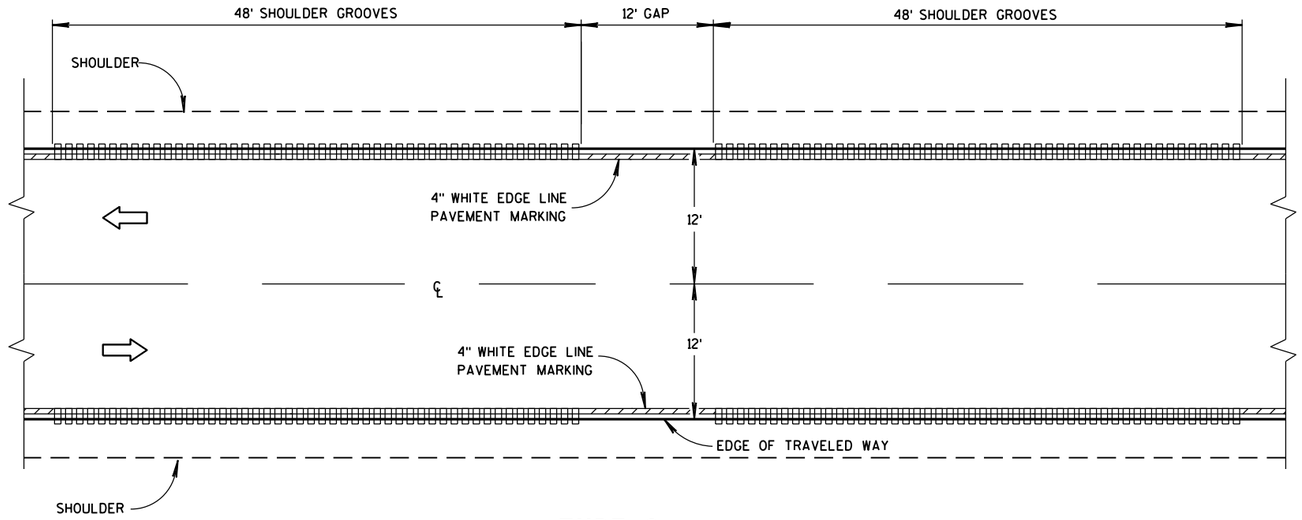
S.D.D. 13 A 10-1a



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP



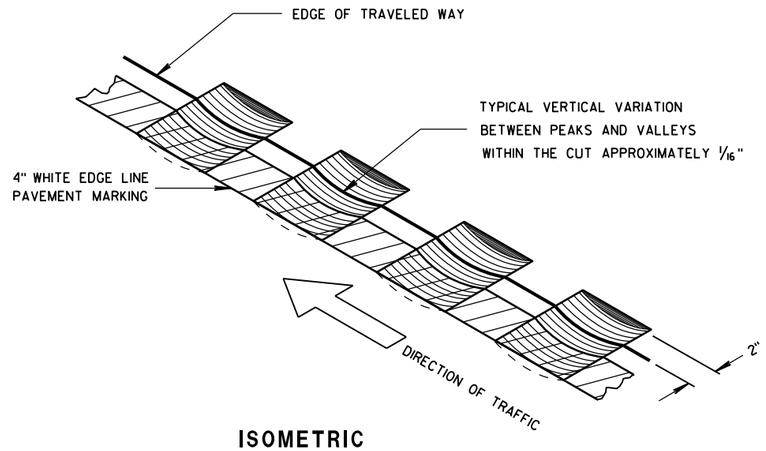
TYPE 2
2-LANE SHOULDER RUMBLE STRIP

GENERAL NOTES

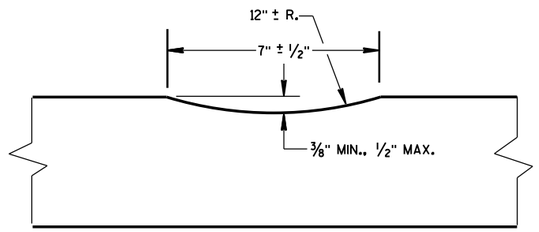
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

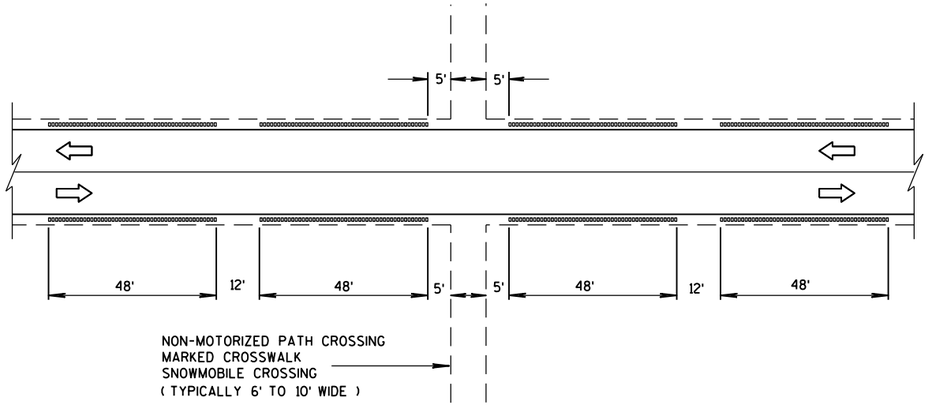
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

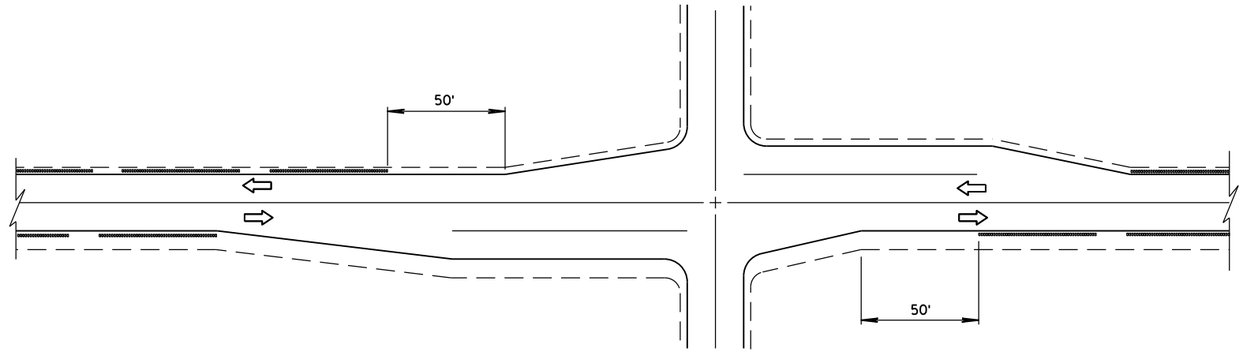
S.D.D. 13 A 10-1b

6

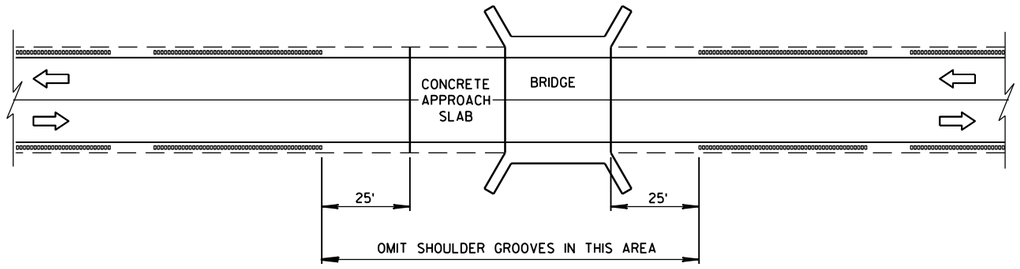
S.D.D. 13 A 10-1b



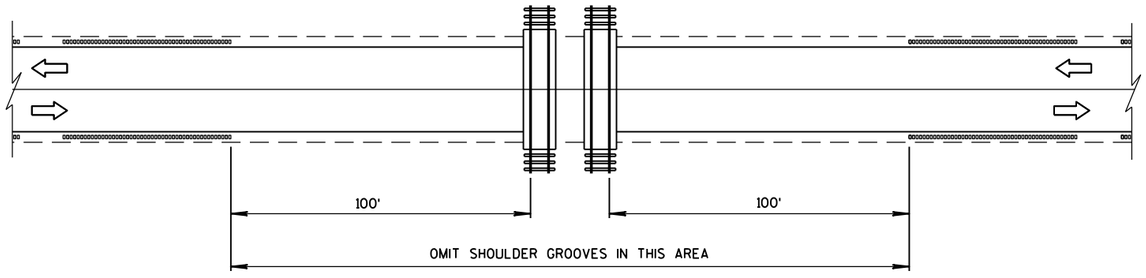
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



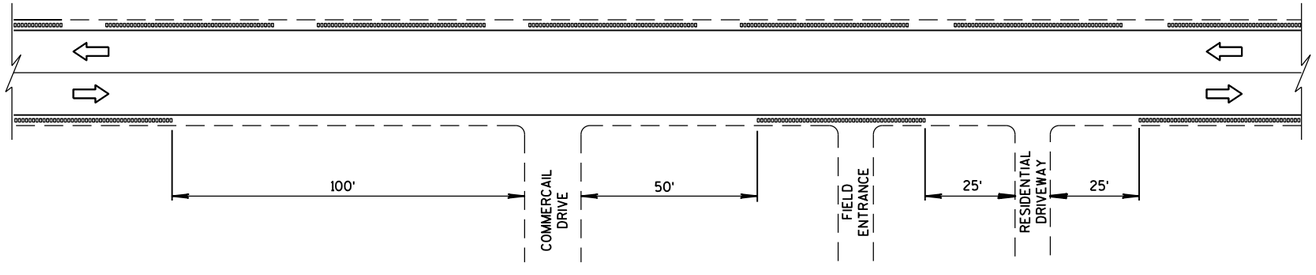
SHOULDER GROOVES AT INTERSECTIONS



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT RAILROADS



SHOULDER GROOVES AT DRIVEWAYS (1)

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

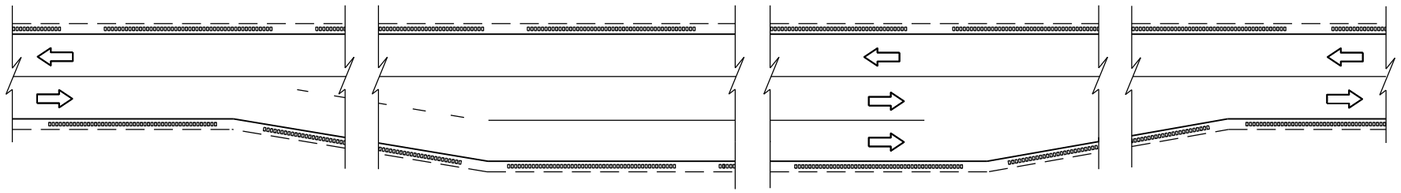
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

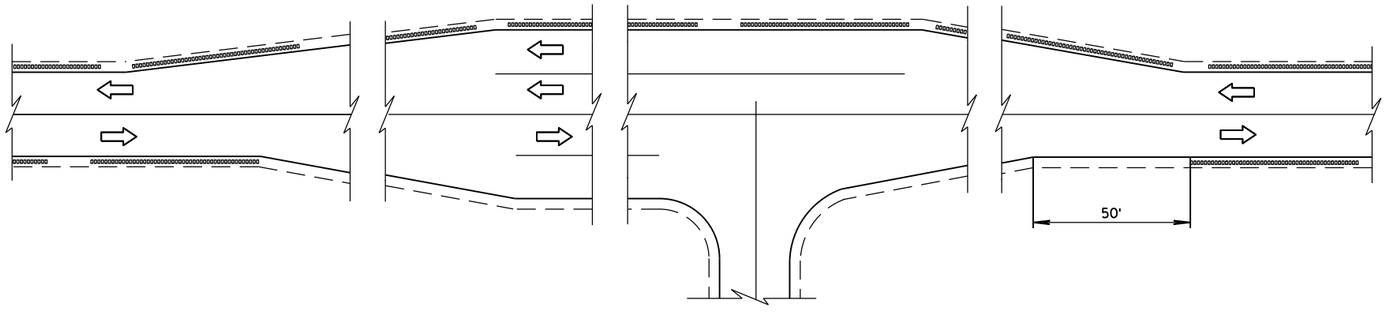
S.D.D. 13 A 10-1c

6

S.D.D. 13 A 10-1c



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

6

6

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

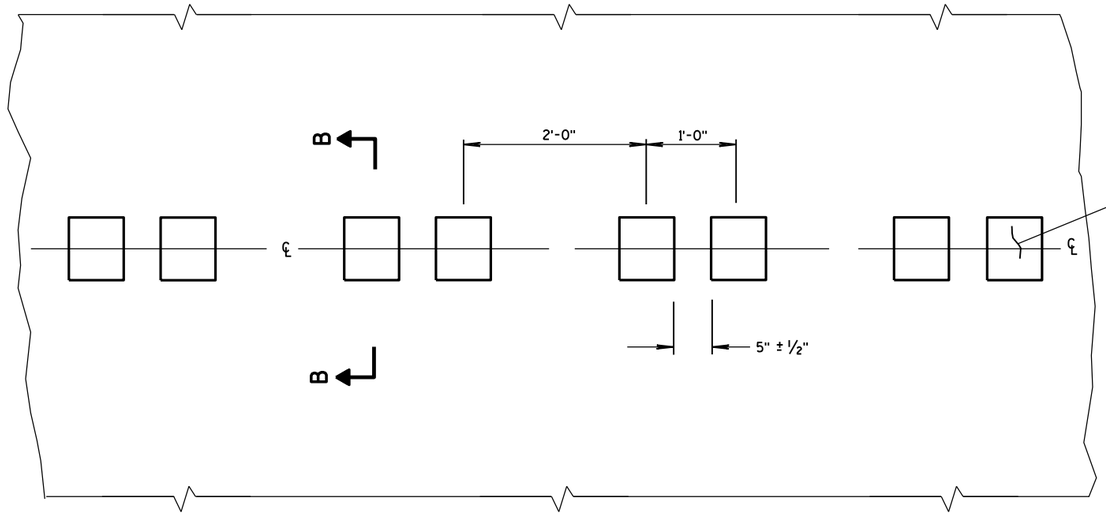
12/17/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

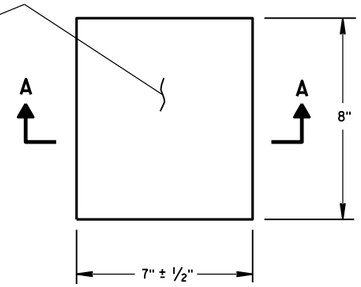
FHWA

S.D.D. 13 A 10-1d

S.D.D. 13 A 10-1d



PLAN VIEW
CENTER LINE WITH GROOVES



PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

GENERAL NOTES

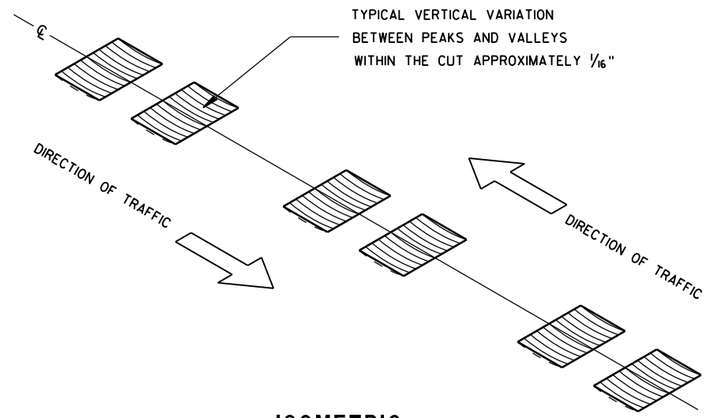
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL CENTER LINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

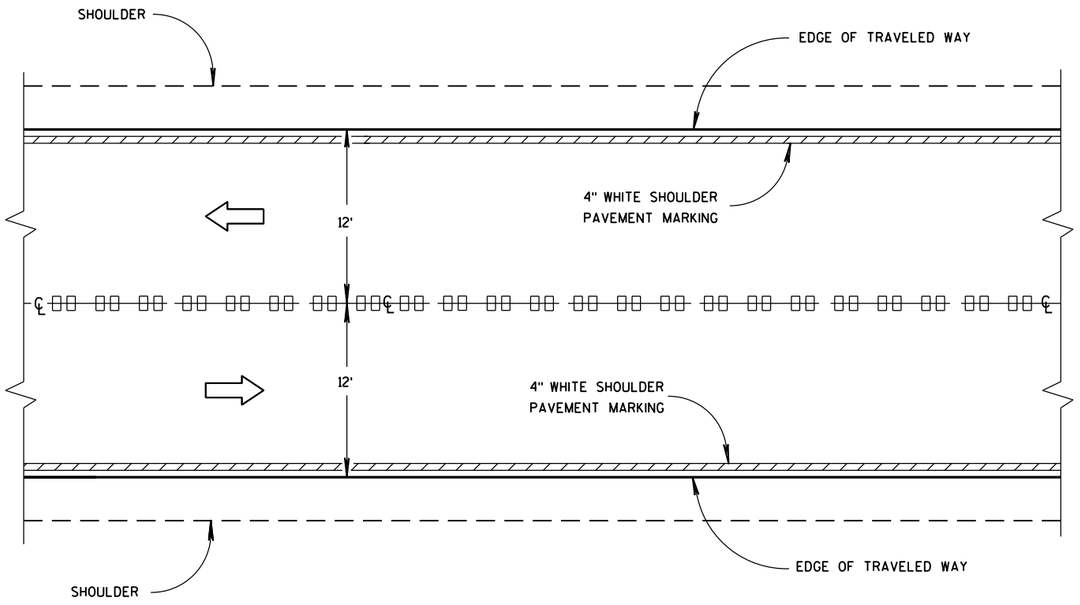
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

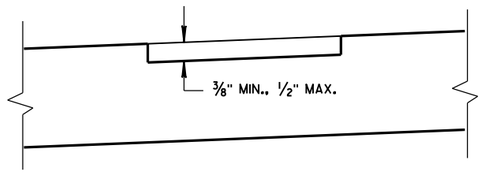
(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



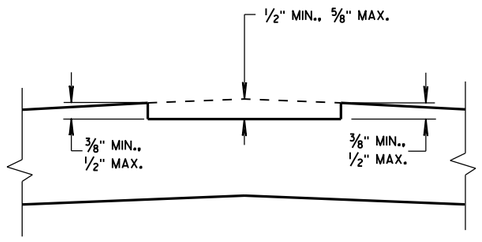
ISOMETRIC



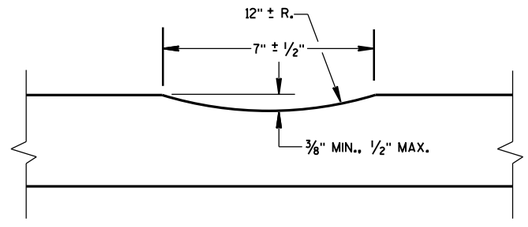
CENTER LINE GROOVES ON TWO-WAY ROADWAYS



SECTION B-B
SUPERELEVATED ROADWAY



SECTION B-B
CROWNED ROADWAY



SECTION A-A

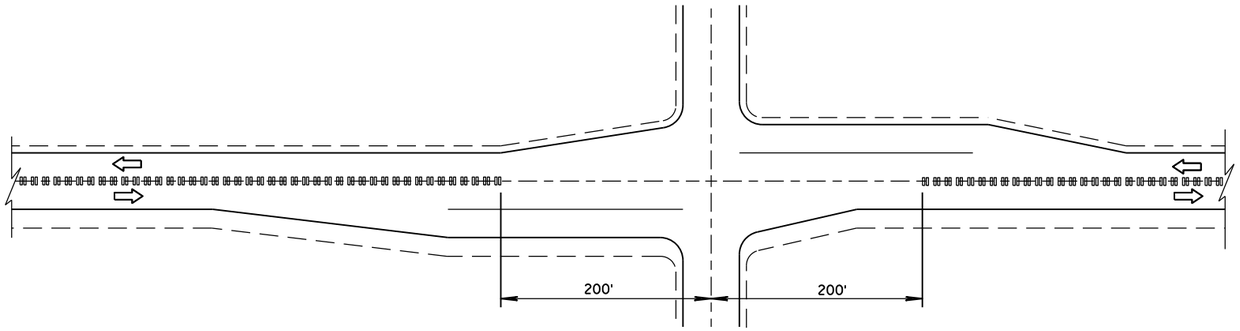
2-LANE RURAL
CENTER LINE RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

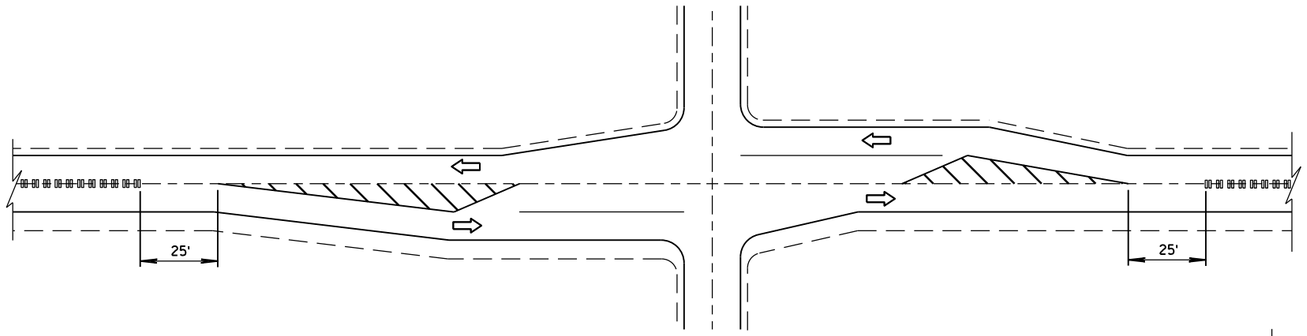
S.D.D. 13 A 11-2a

6

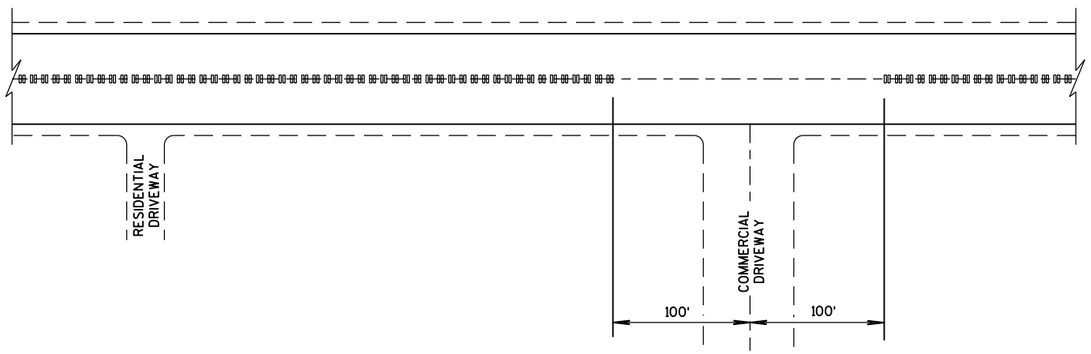
S.D.D. 13 A 11-2a



CENTER LINE GROOVES AT INTERSECTIONS

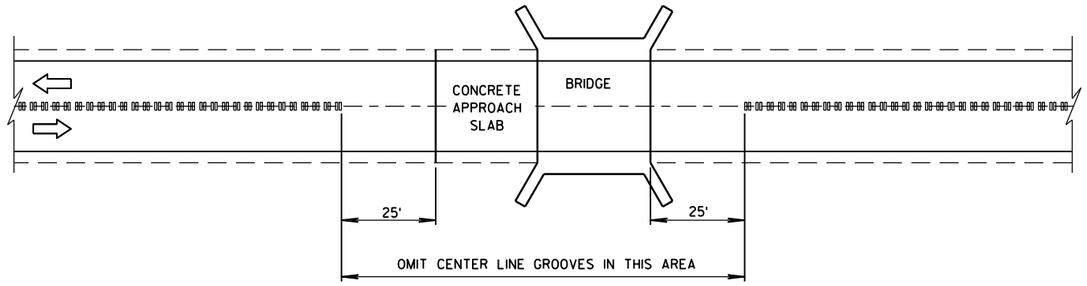


CENTER LINE GROOVES AT INTERSECTIONS
(WITH LEFT TURN LANES)

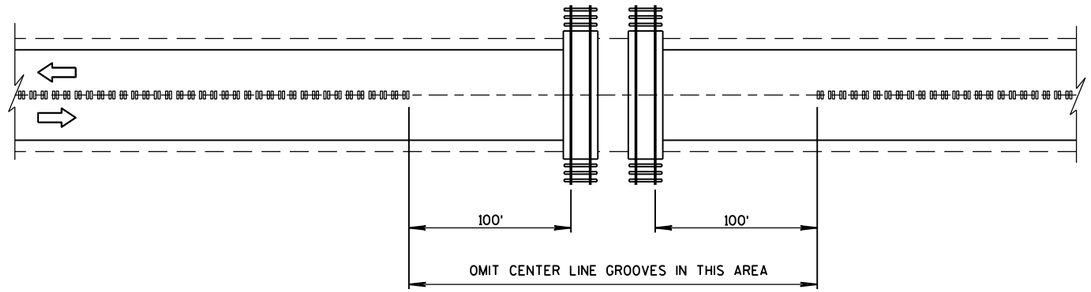


CENTER LINE GROOVES AT DRIVEWAYS (1)

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



CENTER LINE GROOVES AT BRIDGES



CENTER LINE GROOVES AT RAILROADS

6

S.D.D. 13 A 11-2b

6

S.D.D. 13 A 11-2b

2-LANE RURAL
CENTER LINE RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5/15/2013
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

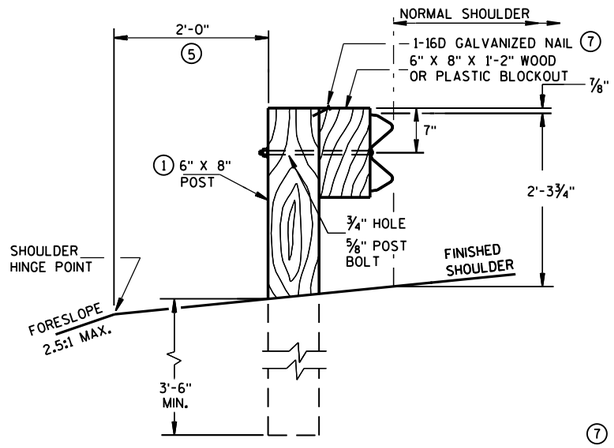
NT

FHWA

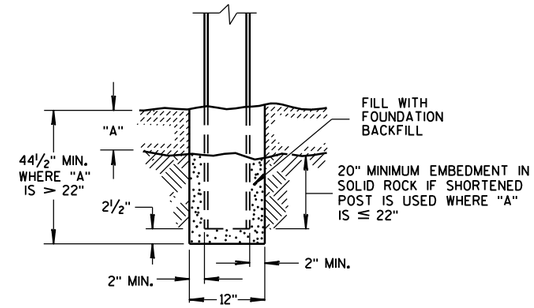
GENERAL NOTES

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.

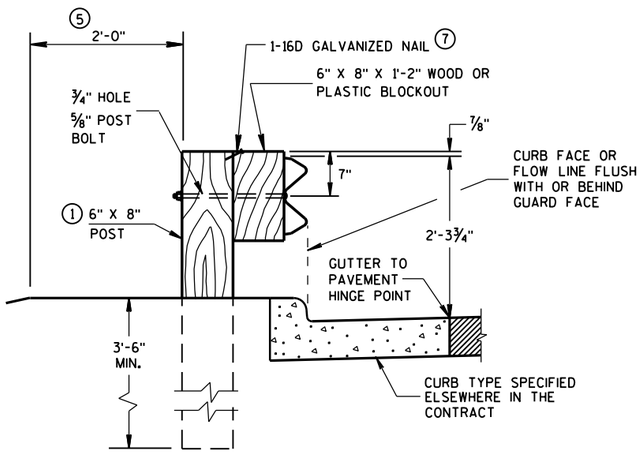
INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



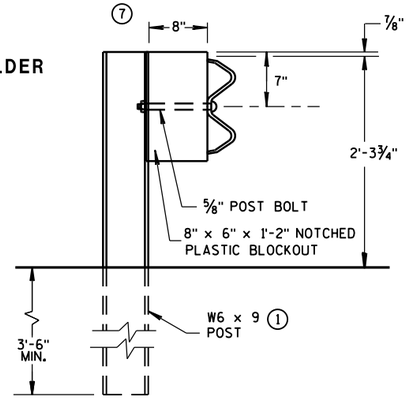
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



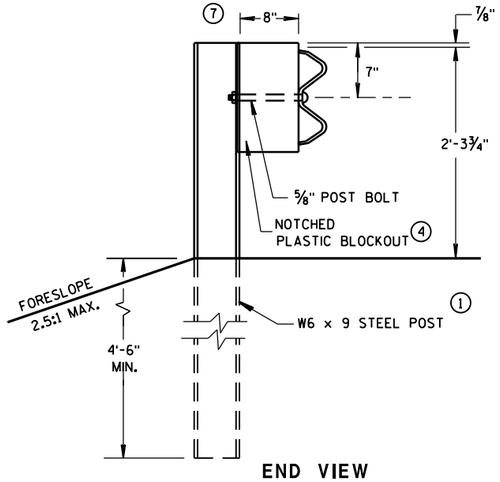
END VIEW
SETTING STEEL OR WOOD POST IN ROCK ⑥



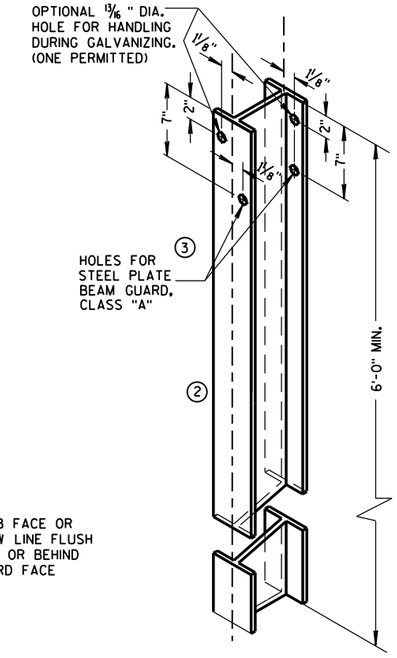
END VIEW
LOCATED ALONG A CURBED ROADWAY



END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE
STANDARD INSTALLATION

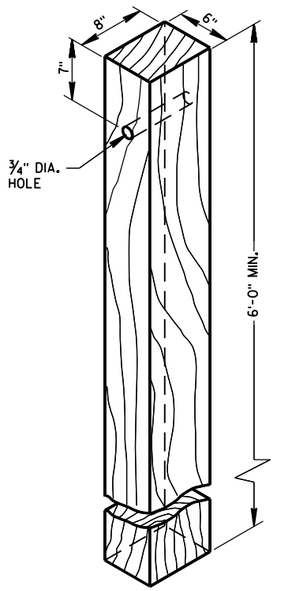


END VIEW
LONGER POST AT HALF
POST SPACING W BEAM
(LHW)

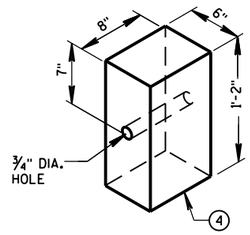


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) ①

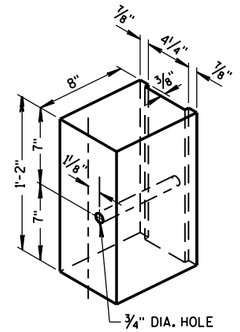
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



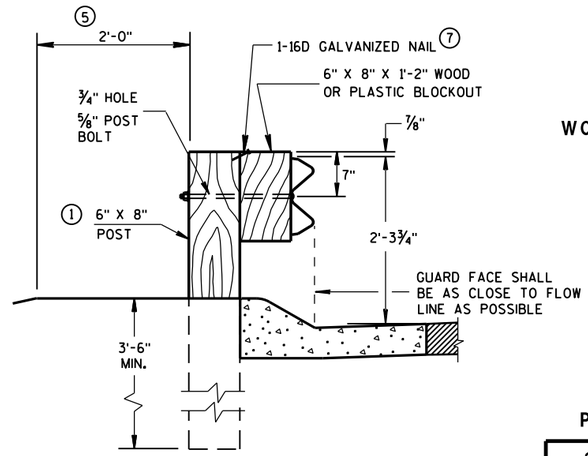
WOOD POST
(6"X8") NOMINAL



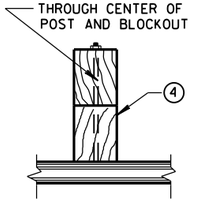
WOOD OR PLASTIC
BLOCKOUT FOR
WOOD POSTS



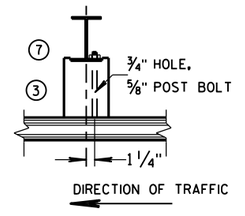
TYPICAL NOTCHED ①
PLASTIC BLOCKOUT
FOR STEEL POSTS



END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



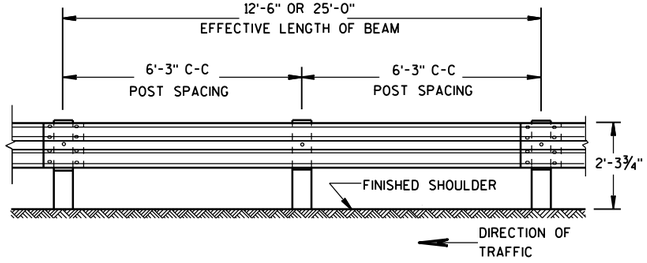
PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 150

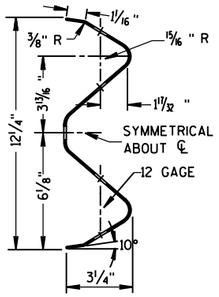
TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

6
S.D.D. 14 B 15-9a

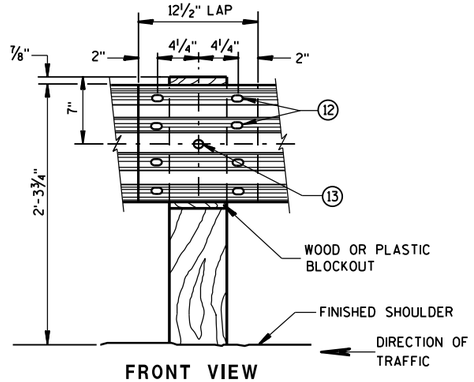


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM



FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

GENERAL NOTES

(8) PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

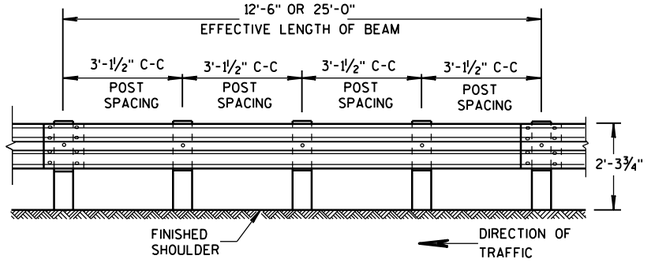
(9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

(10) REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

(11) PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

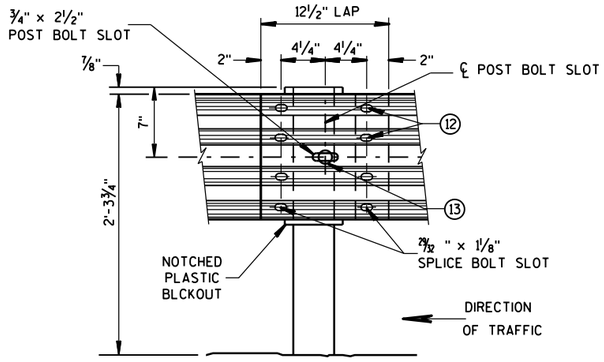
(12) 8 -⅝" ϕ X 2" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.

(13) ⅝" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH ⅝" DIA. F844 FLAT WASHER UNDER NUT.



FRONT VIEW

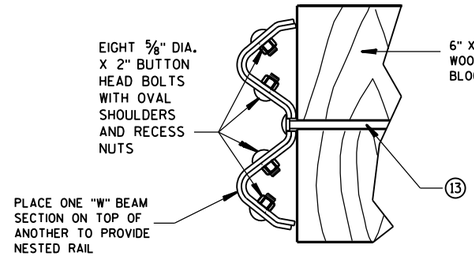
POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)



FRONT VIEW

BEAM SPLICE AT STEEL POST

TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD

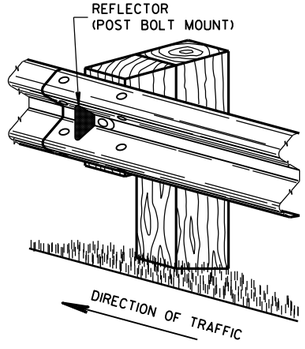


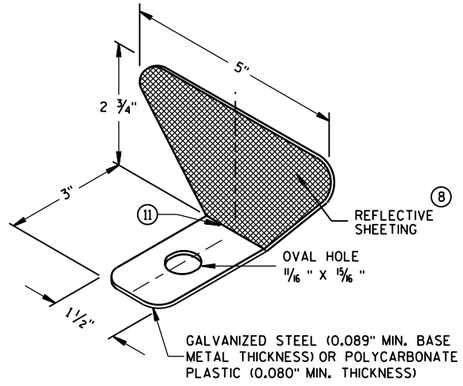
NESTED W BEAM (NW)

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

REFLECTOR SPACING (9)

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 (10)	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2 (11)	3
	> 200'	100' C-C	2	



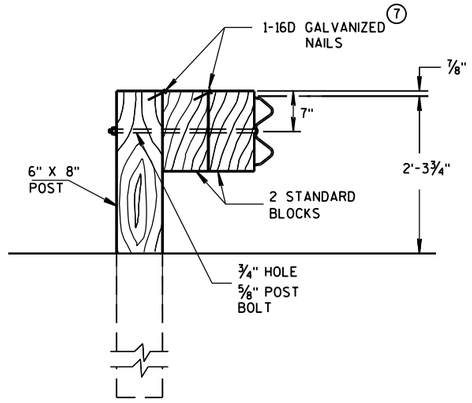


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION (8)

STEEL PLATE BEAM GUARD,
CLASS "A",
INSTALLATION & ELEMENTS

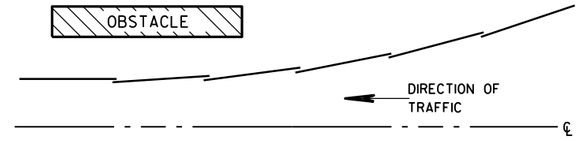
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 15-9b

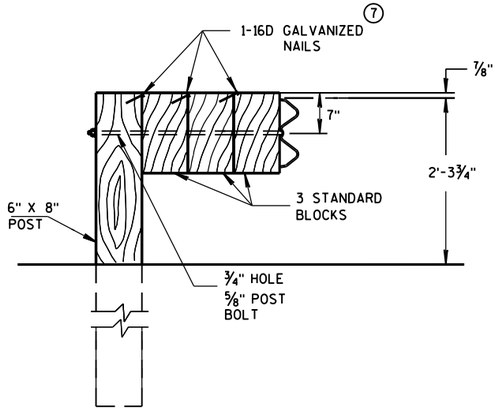


DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED

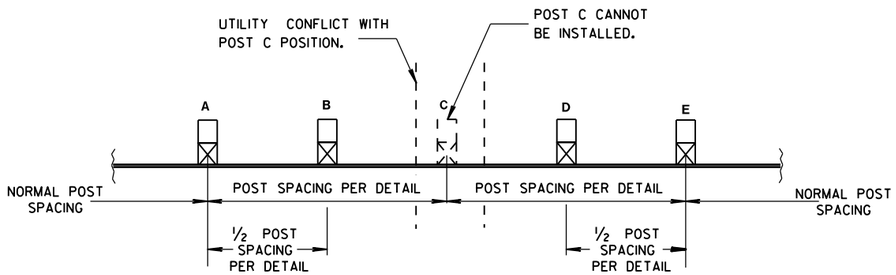


PLAN VIEW
BEAM LAPPING DETAIL



DETAIL FOR TRIPLE BLOCKS

TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

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.

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

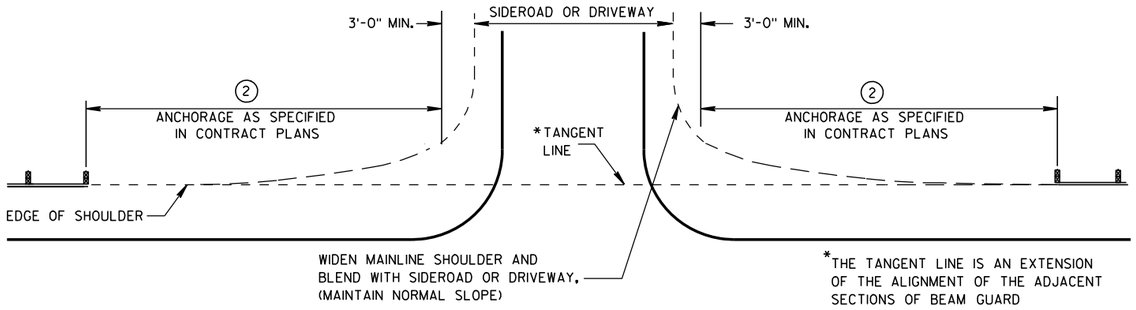
June 2016
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

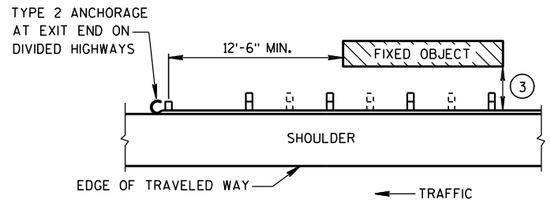
FHWA

6

S.D.D. 14 B 15-9c



BEAM GUARD AT SIDEROADS OR DRIVEWAYS



BEAM GUARD AT OBSTACLES EXIT END - ONE WAY TRAFFIC

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PERTINENT STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

W6 X 9 OR W6 X 8.5 STEEL POSTS WITH 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.

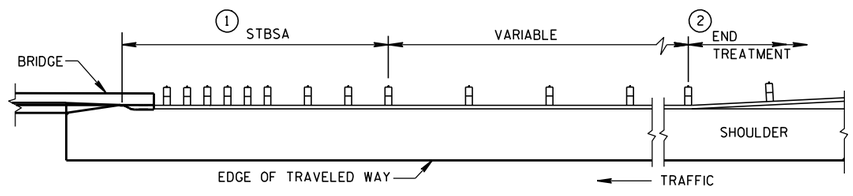
THE LOCATIONS AND LENGTHS OF BEAM GUARD ARE SHOWN ELSEWHERE IN THE PLAN.

(1) STEEL THRIE BEAM STRUCTURAL APPROACH (STBSA) - SEE CURRENT SDD 14B20.

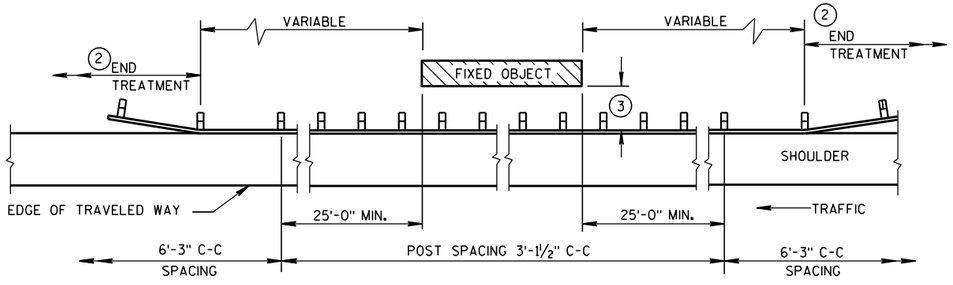
(2) USE AN APPROVED END TREATMENT FOR THE TRAFFIC APPROACH SIDE OF BRIDGE/OBSTACLES. USE TYPE 2 ANCHORAGE ONLY AT THE DOWNSTREAM ENDS OF BEAM GUARD LOCATED ALONG ROADWAYS WITH ONE WAY TRAFFIC.

(3)

MINIMUM LATERAL DISTANCE FROM FACE OF BEAM GUARD TO FIXED OBJECT	POST SPACING
3'-6"	3' - 1½"
4'-6"	6' - 3"

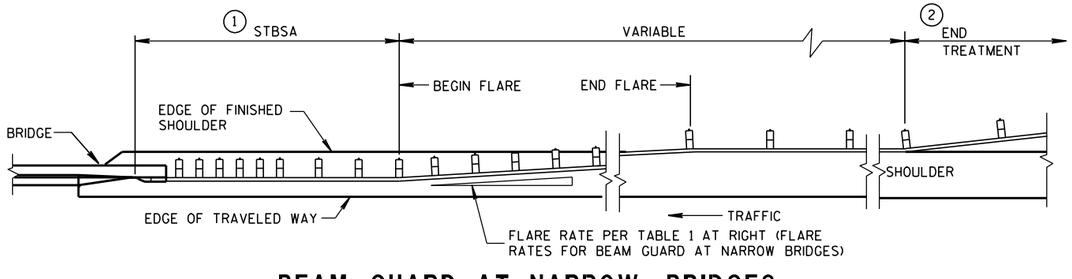


BEAM GUARD AT FULL WIDTH BRIDGES



BEAM GUARD AT OBSTACLES - TWO WAY TRAFFIC

(RAIL TO OBSTACLE CLEARANCE 3'-6" TO 4'-6")



BEAM GUARD AT NARROW BRIDGES
(FLARED TO SHOULDER EDGE, THEN PARALLEL TO ROADWAY)

TABLE 1
FLARE RATES FOR BEAM GUARD AT NARROW BRIDGES

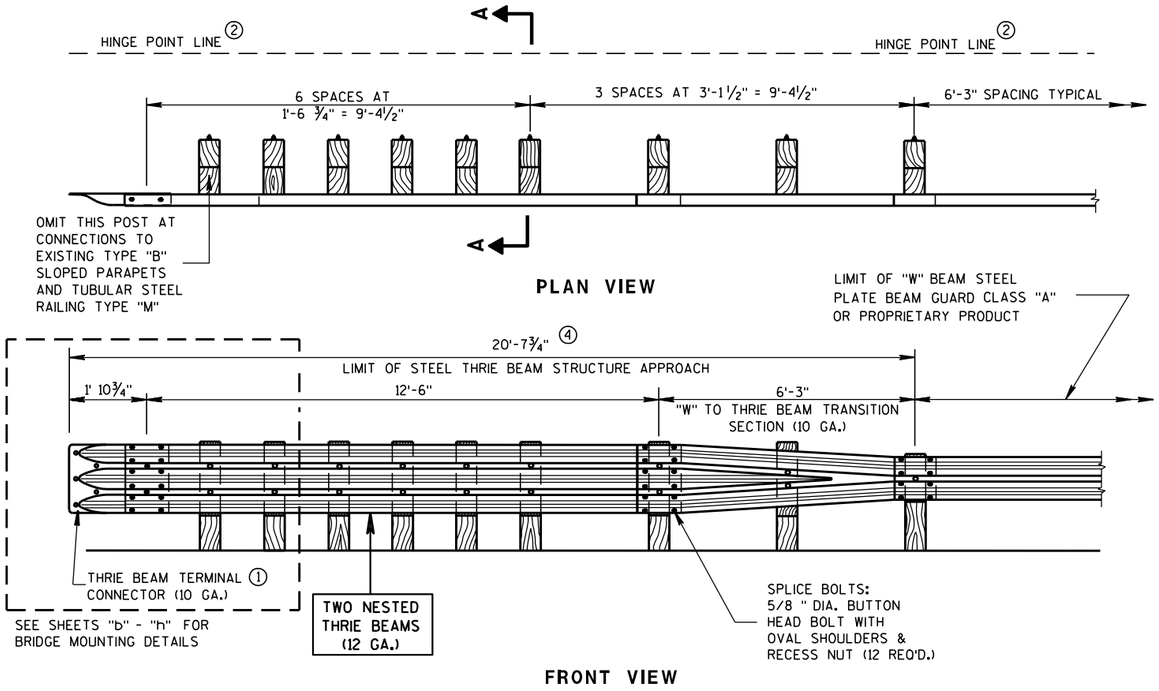
POSTED SPEED (MPH)	FLARE RATE
25	13:1
30	15:1
35	16:1
40	18:1
45	21:1
50	24:1
55	26:1
65	30:1

STEEL PLATE BEAM GUARD CLASS "A" AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8-21-07 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 14 B 18-6a



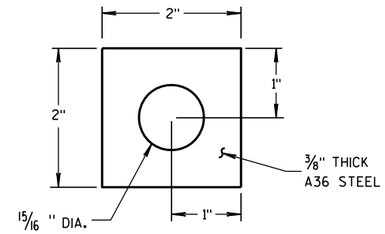


PLATE WASHER DETAIL

GENERAL NOTES

BOLT THE THRIE BEAM TO ALL POSTS AND BLOCKOUTS. DRILL OR PUNCH BOLT HOLES IN THE BEAM IF THE POST SPACING IS LESS THAN 6'-3".

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.

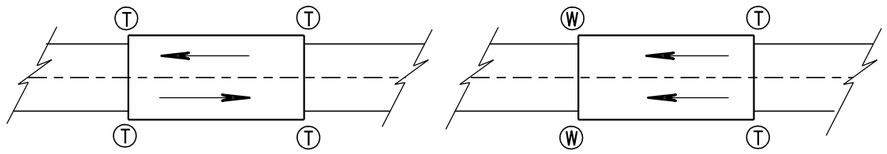
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 1/2" , AND 12" DIAMETER AROUND POST. SEE 14B15 FOR MORE DETAILS.

① BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

② MINIMUM EMBEDMENT SHALL BE 4'-0". WHERE EXISTING CONDITIONS DO NOT PERMIT THE APPROPRIATE EARTHWORK SHOWN ON THE PLAN TYPICAL SECTIONS OR DETAILS, THE ENGINEER MAY ALLOW THE REDUCTION OR ELIMINATION OF THE 2 FOOT DISTANCE TO THE HINGE POINT. OTHERWISE BUILD AS THE PLAN SHOWS OR AS THE ENGINEER DIRECTS. IF THE 2 FOOT DISTANCE TO THE HINGE POINT IS REDUCED OR ELIMINATED, INCREASE THE POST EMBEDMENT DEPTH TO 4'-6" OR MORE.

③ POST BOLTS ARE 5/8" DIAMETER ASTM A307 BUTTON HEAD BOLT. A POST BOLT REQUIRES A 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX AND A 5/8" DIAMETER F844 FLAT WASHER. LENGTH OF POST BOLT MAY VARY.

④ ALL WOOD POSTS MUST BE 6" X 8" AND AT LEAST 7'-0" LONG.



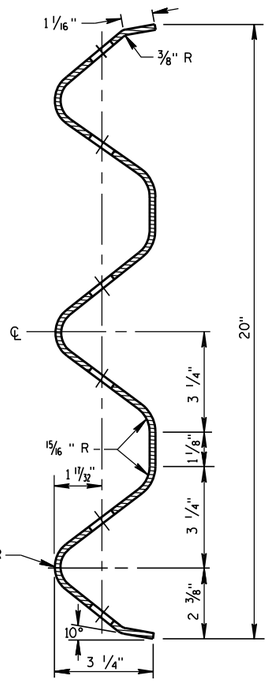
TWO WAY TRAFFIC

ONE WAY TRAFFIC

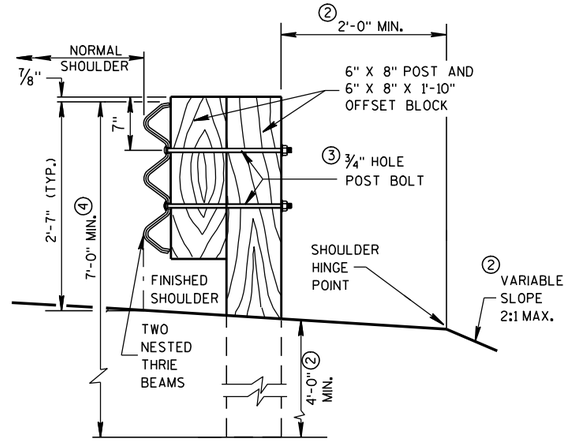
(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

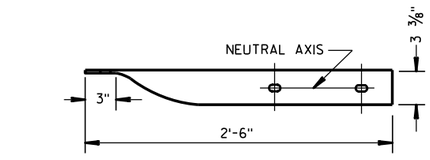
TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

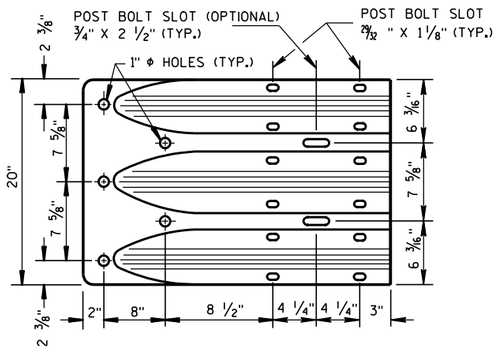


SECTION THRU THRIE BEAM RAIL ELEMENT

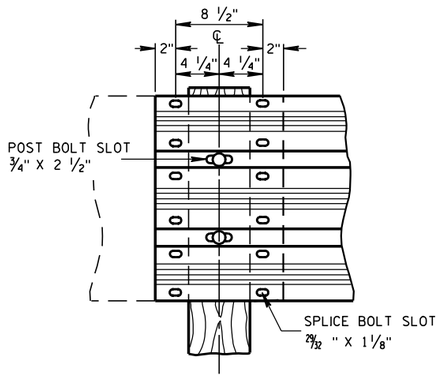


SECTION A-A





THRIE BEAM TERMINAL CONNECTOR



THRIE BEAM SPLICE

STEEL THRIE BEAM STRUCTURE APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

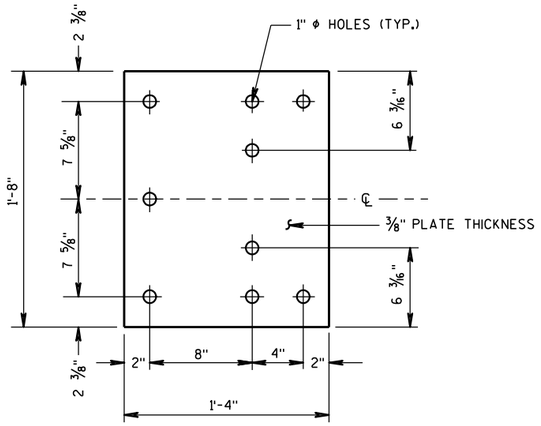
APPROVED

8/31/2012 — DATE

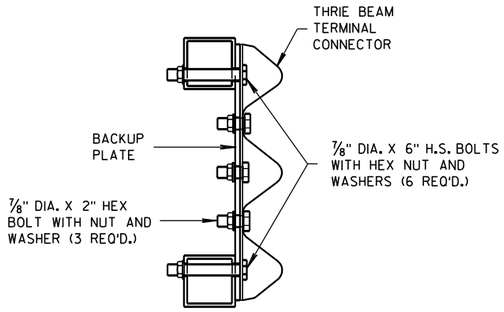
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

6
S.D.D. 14 B 20-11a



BACK-UP PLATE DETAIL



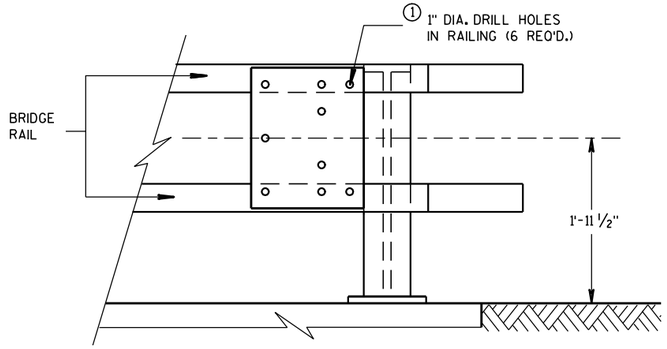
SECTION G-G

GENERAL NOTES

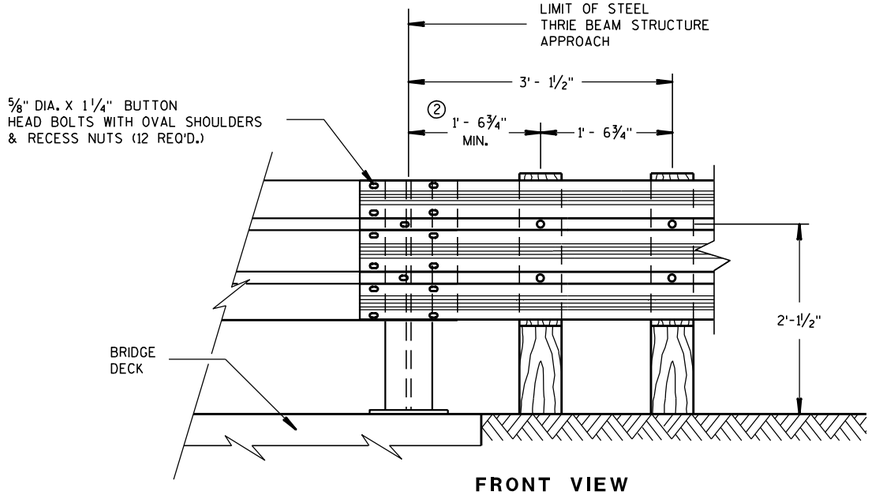
BOLTS, PLATES, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A 325 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

① DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

② VARY THIS DIMENSION DEPENDING ON ABUTMENT TYPE, WINGWALL DETAILS, AND ANGLE OF SKEW. PLACE THE FIRST WOOD POST OFF THE BRIDGE SHALL AS CLOSE AS FEASIBLE TO THE STEEL END POST.

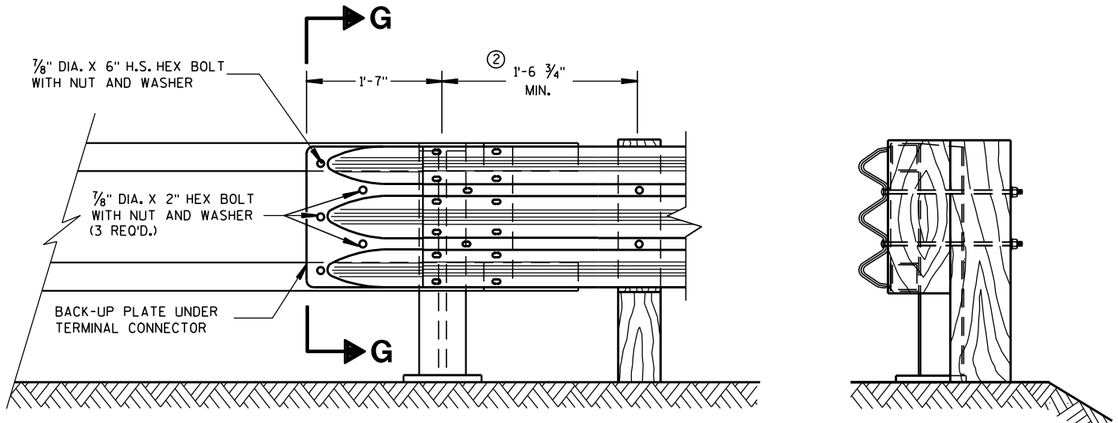


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING



FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW

END VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/31/2012 — DATE
/S/ Jerry H ____ — ROADWAY STANDARDS ENGINEER
ENT
FHWA

6

S.D.D. 14 B 20-11e

6

S.D.D. 14 B 20-11e

BILL OF MATERIALS

NOTE NO.	QTY.	DESCRIPTION
(1)	4	WOOD BREAKAWAY TERMINAL POST: 5½" X 7½" X 3'-9"
(2)	**	STEEL TUBE: OPTION 1 - QUANITY OF 4 TS 8" X 6" X 0.188", 4'-6" LONG OR OPTION 2 - QUANITY OF 2 TS 8" X 6" X 0.188", 6'-0" AND 2 TS 8" X 6" X 0.188", 4'-6" LONG
(3)	2	SOIL PLATE: 2'-0" X 1'-6" X ¼" **
(4)	4	WOOD BREAKAWAY CRT POST: 6" X 8" X 6'-0"
(5)	6	WOOD OFFSET BLOCKS: 6' X 8" X 1'-2"
(6)	1	PIPE SLEEVE: 2" X 5 ½" STANDARD PIPE
(7)	1	BEARING PLATE
(8)	1	BCT CABLE ASSEMBLY
(9)	1	CABLE ANCHOR BOX
(10)	1	STRUT & YOKE
(11)	1	STEEL PLATE BEAM, END PANEL 12 GA. 13'-6½" LONG FOR SKT-350, ET-2000 AND ET-2000 PLUS
(12)	3	STEEL PLATE BEAM: 12 GA. 13'-6½"
(13)	1	ET-2000/ET-2000 PLUS GUARDRAIL EXTRUDER OR SKT-350 IMPACT HEAD: AS FURNISHED BY MANUFACTURER
(14)	1	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
(15)	1	E.A.T. MARKER POST

GENERAL NOTES

FOLLOW MANUFACTURE'S BOLTING RECOMMENDATIONS. IF NONE ARE AVAILABLE, INSTALL ⅝" ø X 1'-6" BUTTON HEAD BOLTS AT ALL POSTS EXCEPT FOR POST 1.

(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) THE 13 SLOT FIRST RAIL PANEL MAY BE USED IN LIEU OF THE 3 SLOT RAIL PANEL ON SKT-350 ONLY.

(D) THE TOP OF THE STEEL TUBE ON POSTS 1 THROUGH 4 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

(E) THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST 5 THROUGH 8 SHALL BE ¾" ABOVE THE FINISHED GROUND LINE.

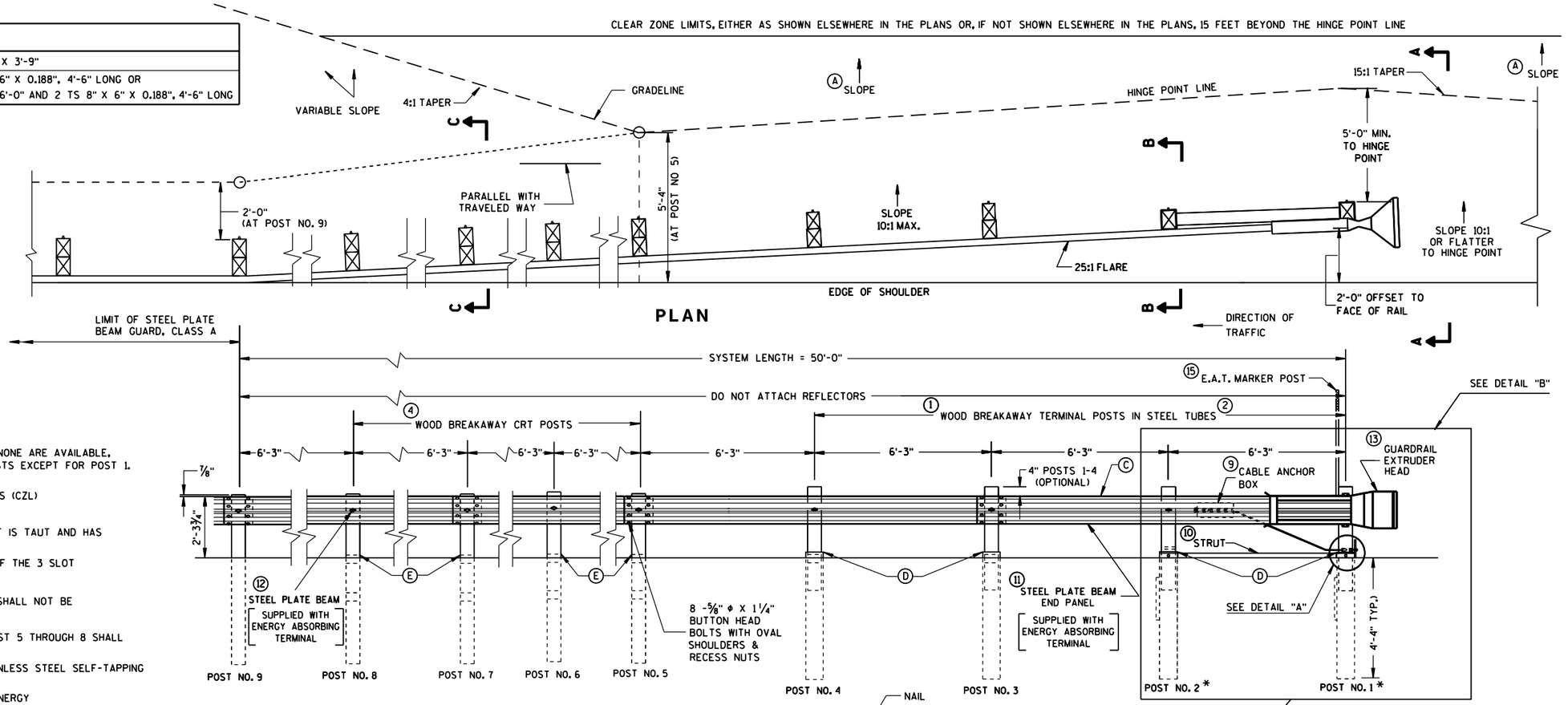
(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

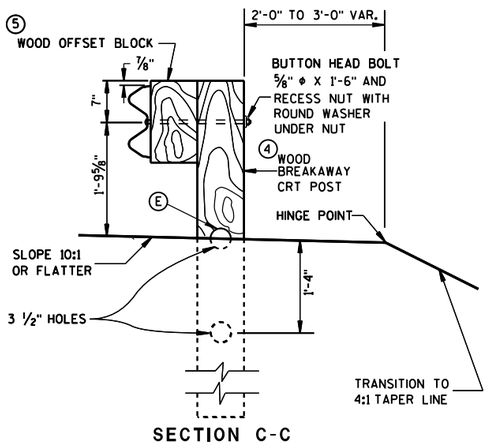
STEEL POSTS SHALL NOT BE ALLOWED FOR USE WITH ENERGY ABSORBING TERMINALS.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

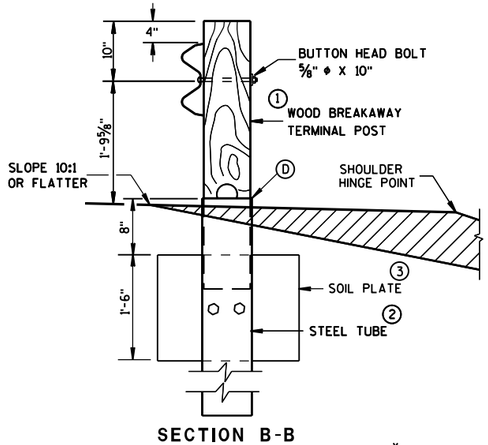
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

** SDD SHOWS 4 - 54 INCH STEEL TUBES WITH SOIL PLATES INSTALLED ON POST 1 AND POST 2. POST 3 AND 4 DO NOT NEED SOIL PLATES. AN ALTERNATIVE INSTALLATION WOULD CONSIST OF 2 - 72 INCH STEEL TUBES ON POST 1 AND POST 2 AND 54 INCH SOIL TUBES ON POSTS 3 AND 4. THE ALTERNATIVE INSTALLATION DOES NOT REQUIRE SOIL PLATES.

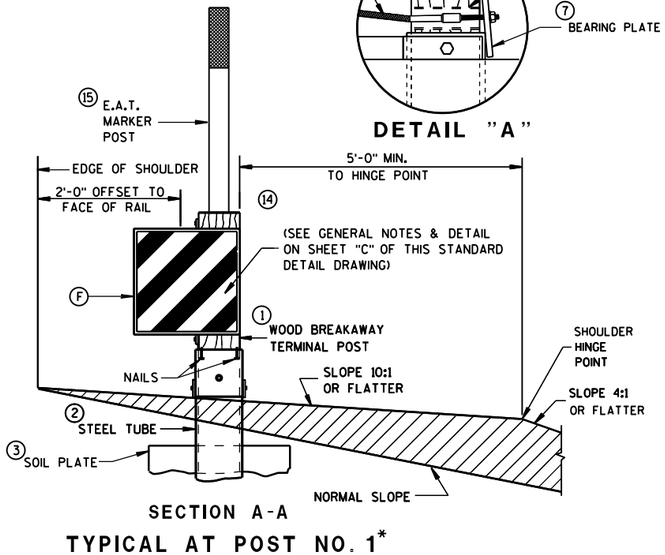




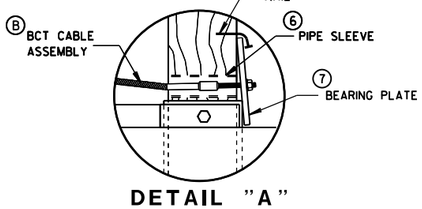
SECTION C-C
TYPICAL AT POST NOS. 6, 8



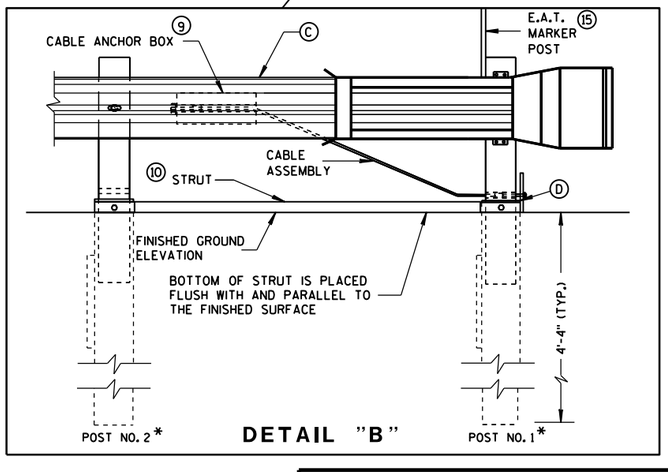
SECTION B-B
TYPICAL AT POST NO. 2*



SECTION A-A
TYPICAL AT POST NO. 1*



DETAIL "A"

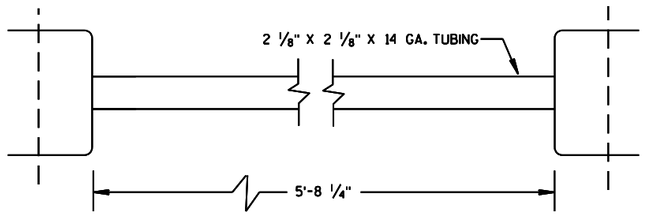


DETAIL "B"

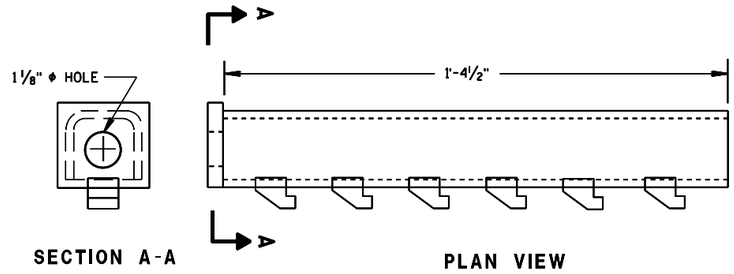
STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

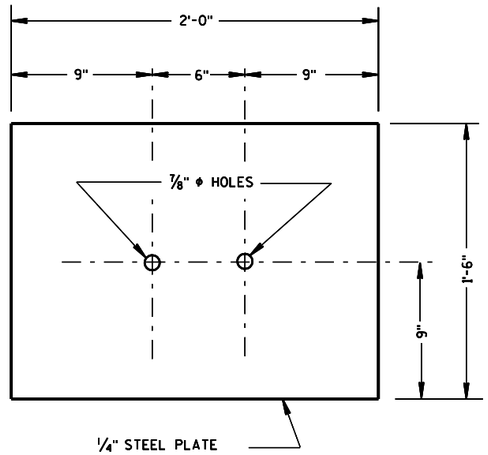
6
S.D.D. 14 B 24-8a



⑩ STRUT DETAIL (SKT-350)

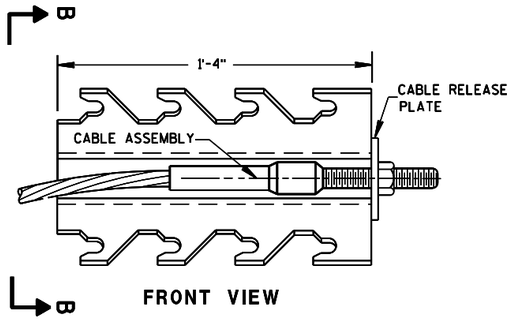


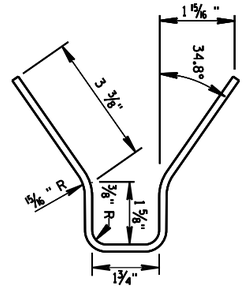
⑨ CABLE ANCHOR BOX (ET-2000/ET-2000 PLUS)



③ SOIL PLATE

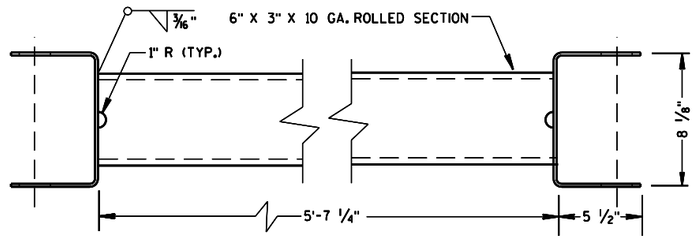
(SKT-350, ET-2000/ET-2000 PLUS)





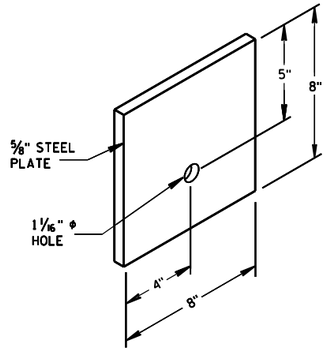
⑨ CABLE ANCHOR BOX (SKT-350)

(SKT-350)



⑩ STRUT DETAIL (ET-2000/ET-2000 PLUS)

(ET-2000/ET-2000 PLUS)



⑦ STEEL BEARING PLATE

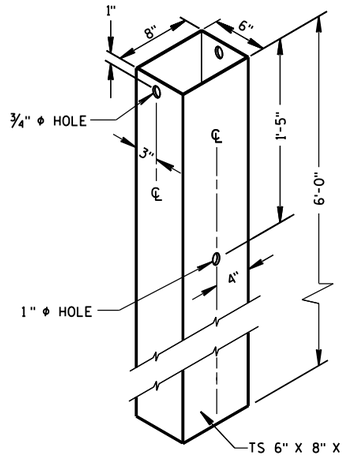
(SKT-350, ET-2000/ET-2000 PLUS)

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

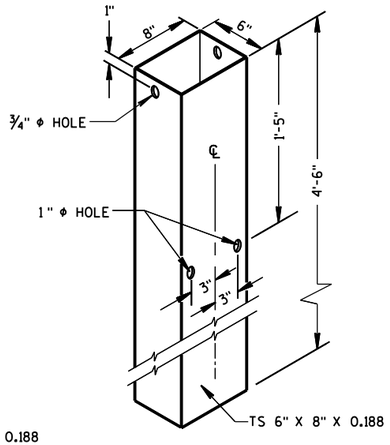
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

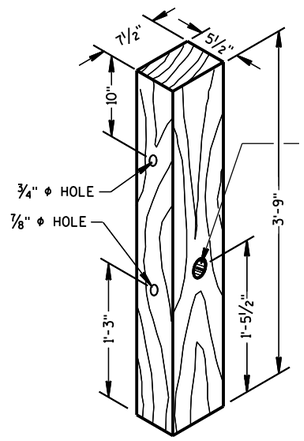
S.D.D. 14 B 24-8b



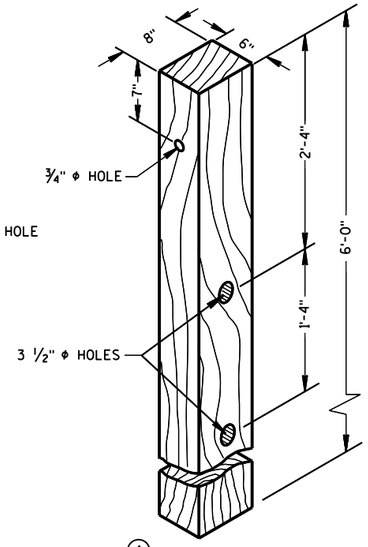
② 72" STEEL TUBE
(POSTS NO. 1-4



② 54" STEEL TUBE
(POSTS NO. 1-4



① TERMINAL POST
(POSTS NO. 1-4



④ CRT POST
(POSTS NO'S 5-8

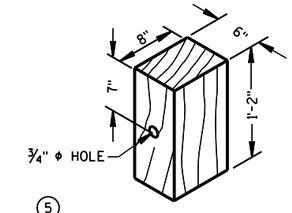
WOOD BREAKAWAY POSTS

GENERAL NOTES

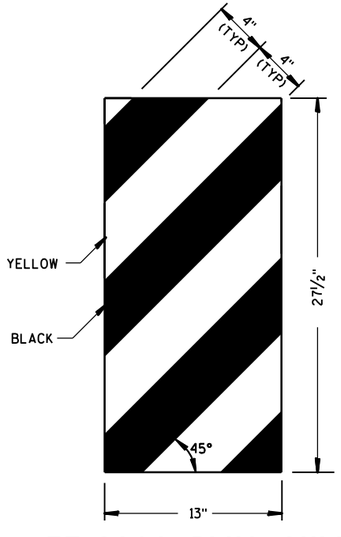
WHEN ROCK IS ENCOUNTERED DURING EXCAVATION, A 12 INCH DIA. POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK MAY BE USED IF APPROVED BY THE ENGINEER. GRANULAR MATERIAL SHALL BE PLACED IN THE BOTTOM OF THE HOLE APPROXIMATELY 2 ½" INCHES DEEP TO PROVIDE DRAINAGE. THE SOIL TUBES SHALL BE FIELD CUT TO LENGTH, PLACED IN THE HOLE AND BACKFILLED WITH ADEQUATELY COMPACTED MATERIAL EXCAVATED FROM THE HOLE.

SEE APPROVED PRODUCTS LIST FOR ACCEPTABLE E. A. T. MARKER POST.

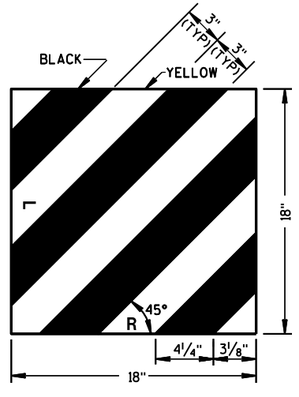
(G) ½" DIA. X 3" LAG BOLT WITH WASHER.



⑤ WOOD OFFSET BLOCK
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2

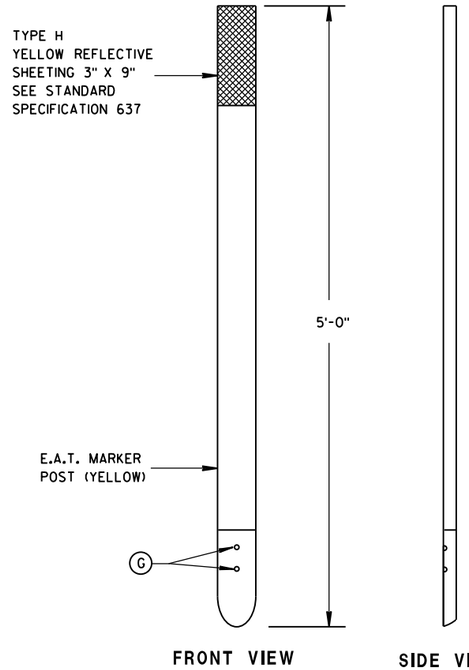


ET-2000 PLUS ONLY



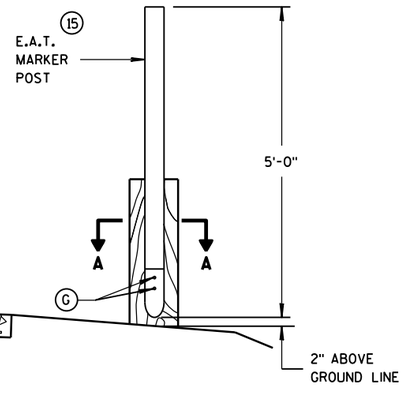
ET-2000 AND SKT-350

⑭ REFLECTIVE SHEETING DETAILS

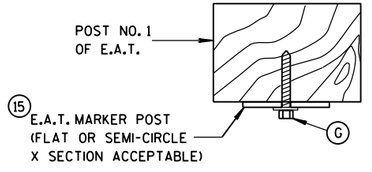


FRONT VIEW SIDE VIEW

⑮ E.A.T. MARKER POST



TYPICAL INSTALLATION OF E.A.T.
MARKER POST BACKSIDE OF POST NO. 1
(E.A.T. AND RAIL REMOVED FOR CLARITY)



SECTION A-A

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

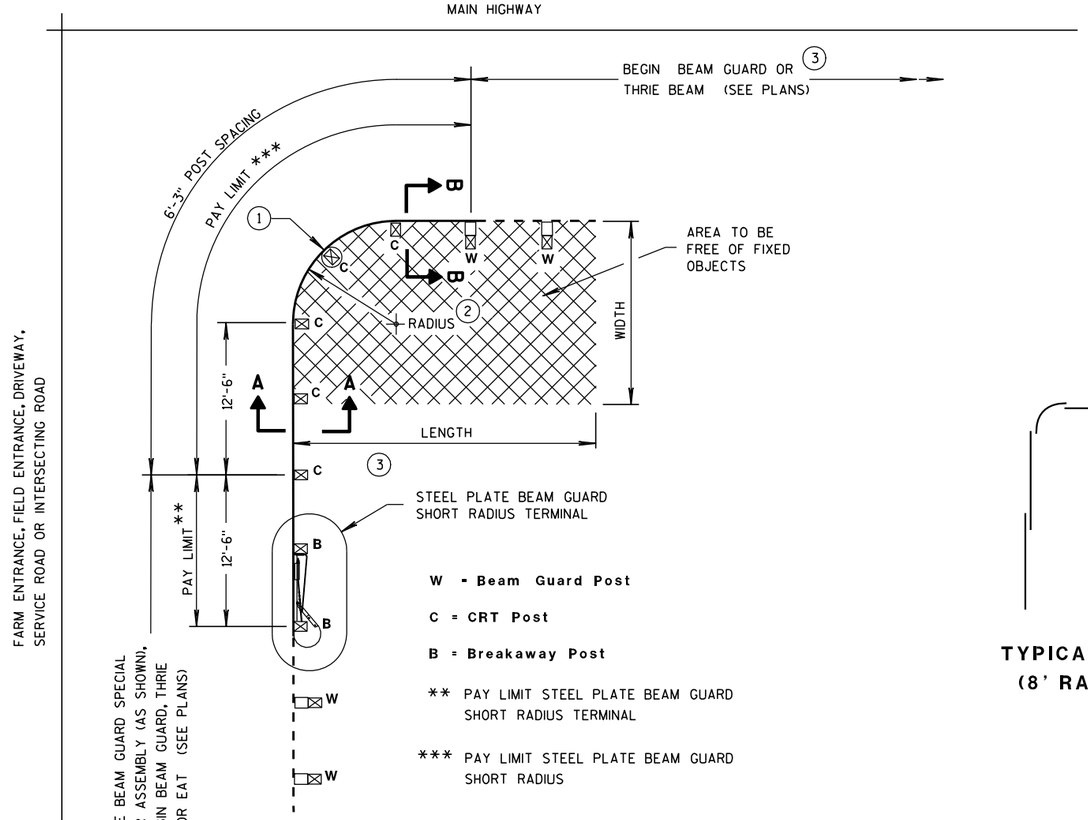
APPROVED
June 2014 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS ENGINEER
FHWA

6

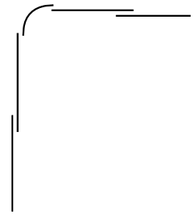
S.D.D. 14 B 24-8c

6

S.D.D. 14 B 24-8c



TYPICAL LAYOUT
(8' RADIUS SHOWN)



TYPICAL LAP SPLICES
(8' RADIUS SHOWN)

GENERAL NOTES

ALL ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36 AND THE STRUCTURAL TUBING SHALL CONFORM TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI/AWS D1.1. ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. PUNCHING, DRILLING, CUTTING, OR WELDING WILL NOT BE PERMITTED AFTER GALVANIZING. FURNISH AND INSTALL HARDWARE PER STANDARD SPECIFICATION 614.2. UNLESS NOTED OTHERWISE.

SHOP BEND CURVED RAIL SECTIONS.

SEE STANDARD DETAIL DRAWING 14 B 15 FOR OTHER DETAIL.

(1) ON THE 8 FOOT RADIUS INSTALLATION, DO NOT INSTALL BUTTON HEAD BOLT AT CENTER CRT POST.

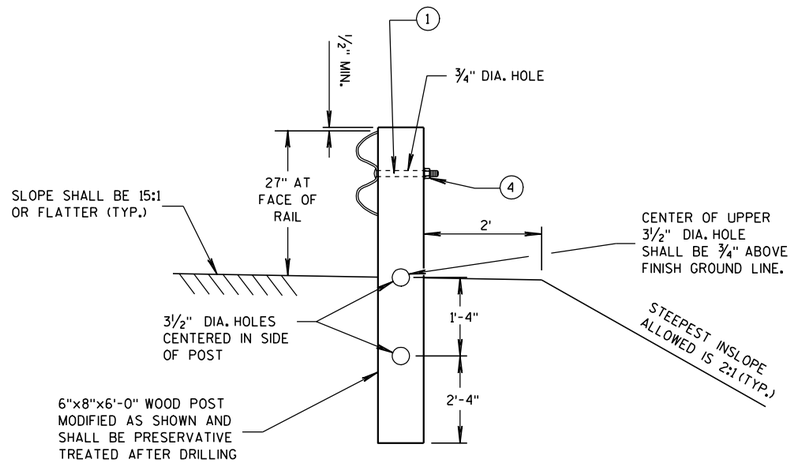
(2) RADIUS FROM 8' - 36'. SEE PLAN.

(3) HEIGHT TRANSITION MAY BE REQUIRED. SEE PLAN OR PROJECT ENGINEER.

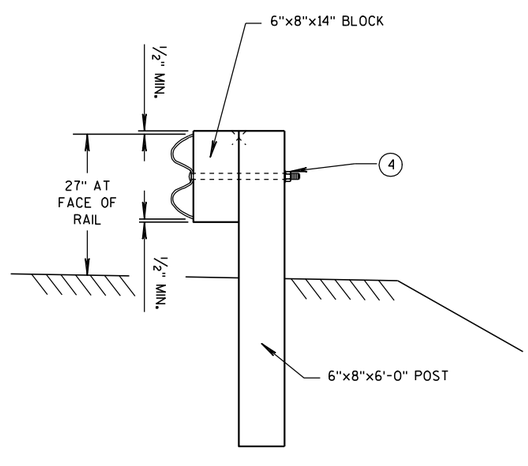
(4) 5/8" ø X 1'-6" BUTTON HEAD BOLT AND RECESS NUT WITH ROUND WASHER UNDER NUT.

RADIUS	NUMBER OF CRT POSTS	*NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS (LENGTH x WIDTH)
8'	5	1 at 12.5'	25' x 15'
16'	7	1 at 25'	30' x 15'
24'	9	1 at 25' and 1 at 12.5'	40' x 20'
32'	11	2 at 25'	50' x 20'

* THE NUMBER OF RAILS IS BASED ON A 90° INTERSECTION. SEE PLAN FOR NON 90° INSTALLATIONS.



SECTION A-A
(CRT POST)



SECTION B-B
(BEAM GUARD POST)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

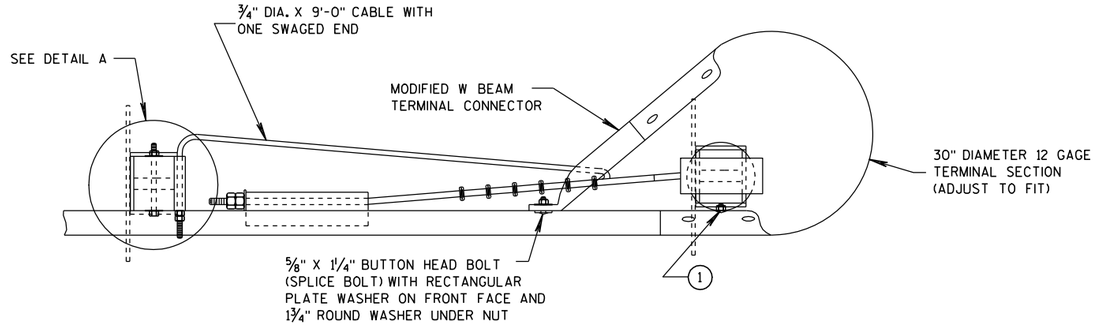
STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	159

6

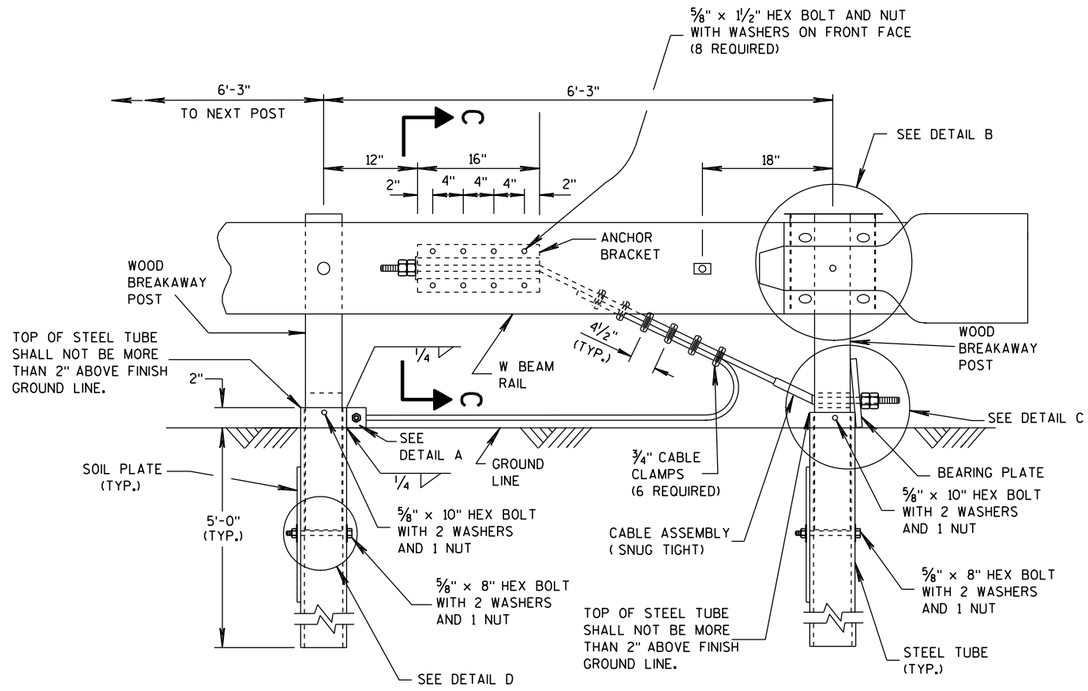
S.D.D. 14 B 27-1a

6

S.D.D. 14 B 27-1a



PLAN VIEW



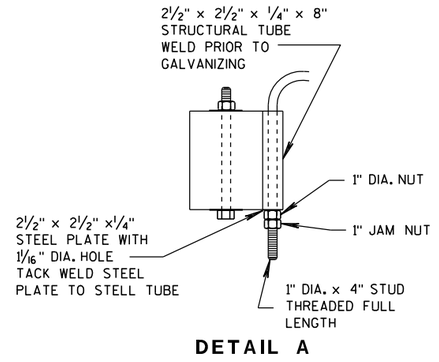
ELEVATION VIEW

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

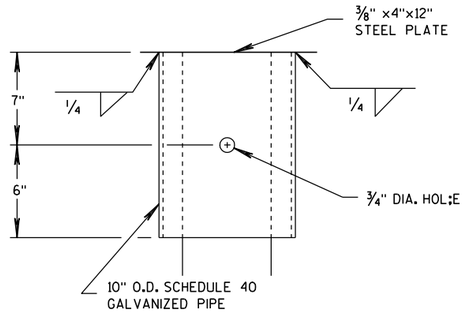
GENERAL NOTES

(1) ATTACH W BEAM RAIL TO THE STEEL PIPE WITH A ⅝" X 2" BUTTON HEAD BOLT WITH NO WASHER. CONNECTION TO THE POST IS NOT REQUIRED.

INSTALL GALVANIZED ¾" (6X19) PREFORMED WIRE OR INDEPENDENT WIRE ROPE CORE CONFORMING TO AASHTO M 30. MANUFACTURE WIRE ROPE OUT OF IMPROVED PLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 42,800 PSI.



DETAIL A



DETAIL B

(BEAM GUARD AND TERMINAL SECTION NOT SHOWN)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

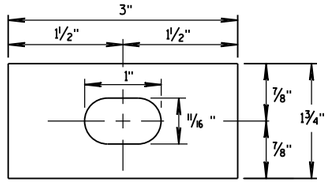
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

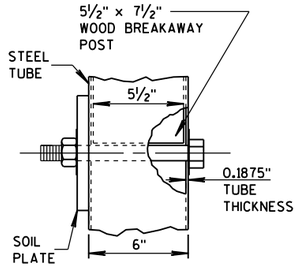
S.D.D. 14 B 27-1b

6

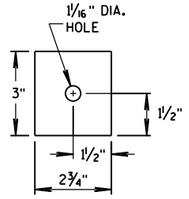
S.D.D. 14 B 27-1b



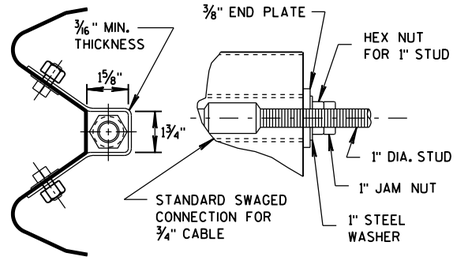
RECTANGULAR PLATE WASHER



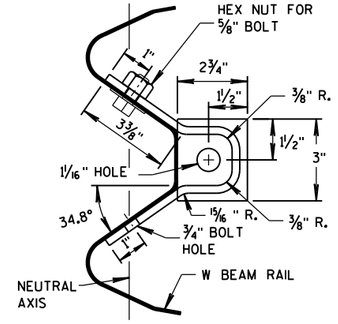
DETAIL D



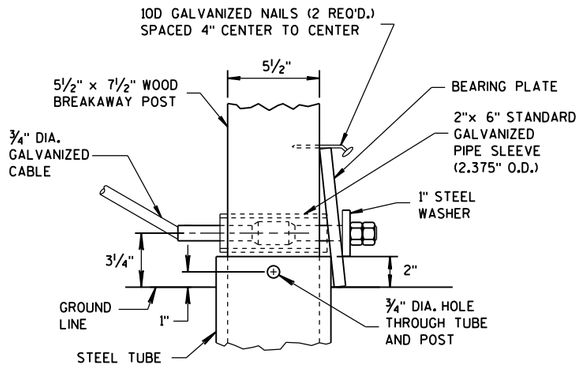
END PLATE



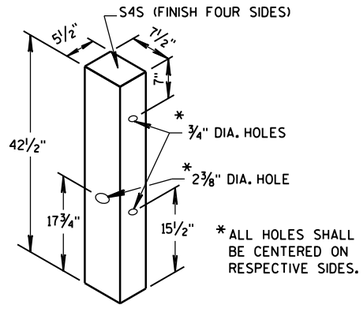
SECTION C-C
(END PLATE REMOVED)



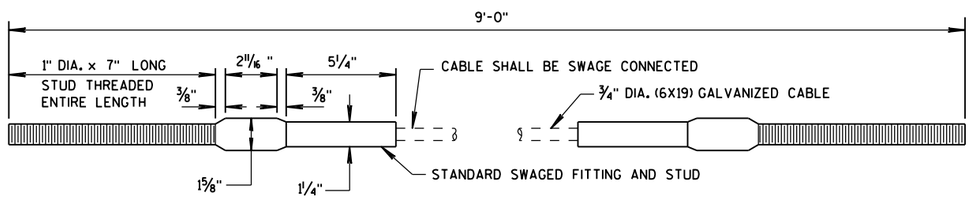
ANCHOR BRACKET



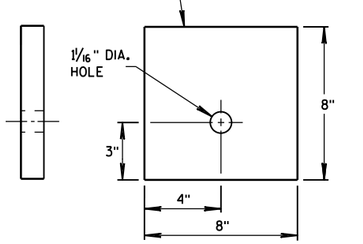
DETAIL C



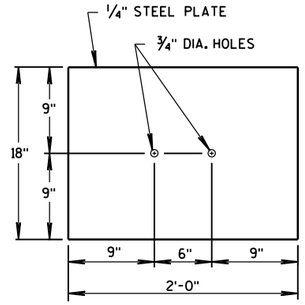
WOOD BREAKAWAY POST



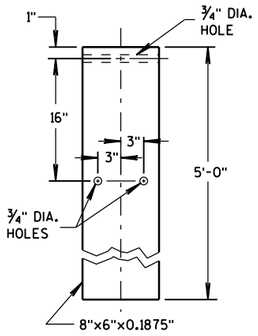
CABLE ASSEMBLY



BEARING PLATE



SOIL PLATE



STEEL TUBE

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/18/08 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 14 B 27-1c

6

S.D.D. 14 B 27-1c

(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.

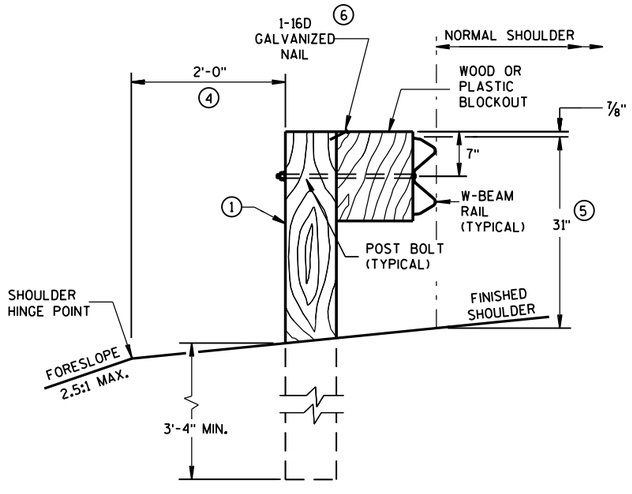
(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½ 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).

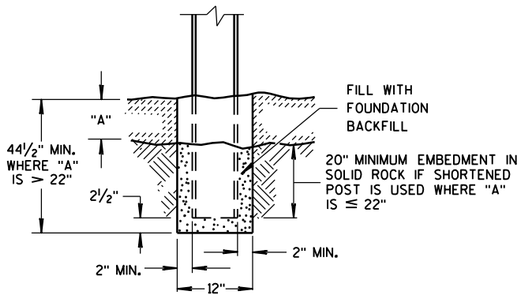
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

(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.



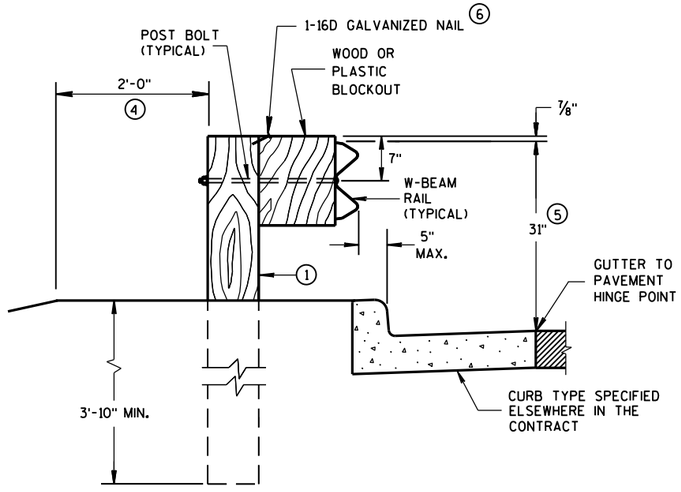
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



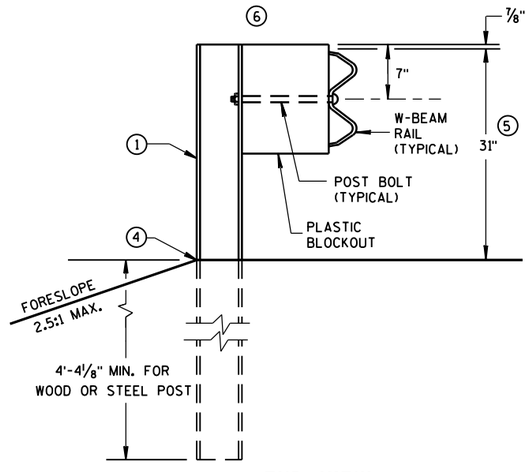
END VIEW

SETTING STEEL OR WOOD POST IN ROCK (3)



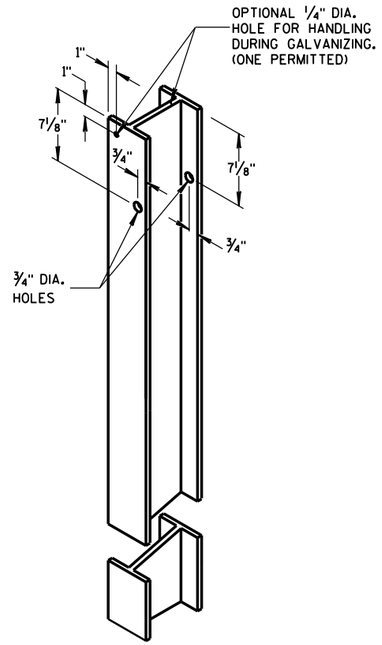
END VIEW

LOCATED ALONG A CURBED ROADWAY

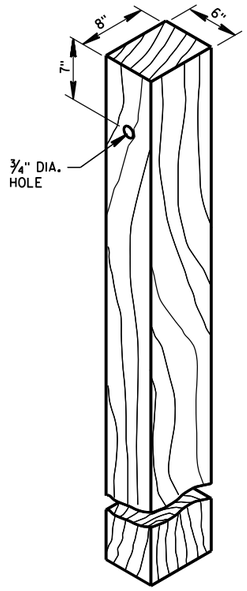


END VIEW

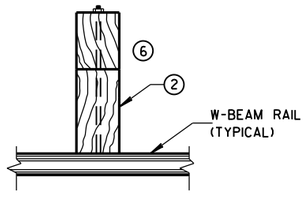
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



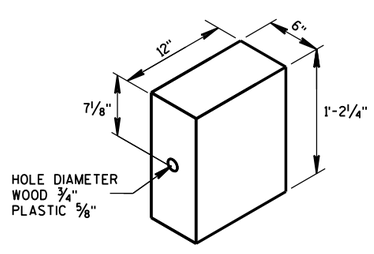
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) (1)



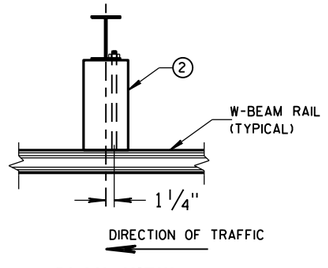
WOOD POST
(6" X 8") NOMINAL (1)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT (2)

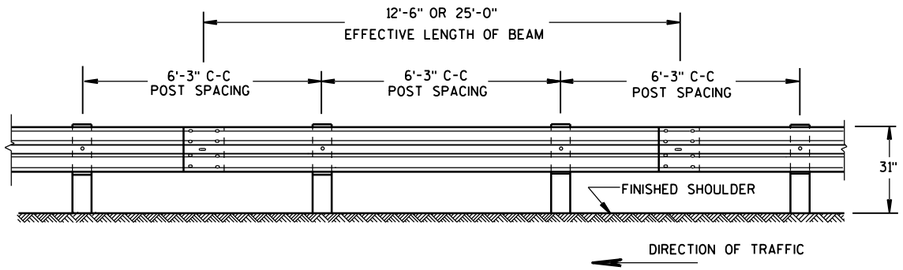


PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

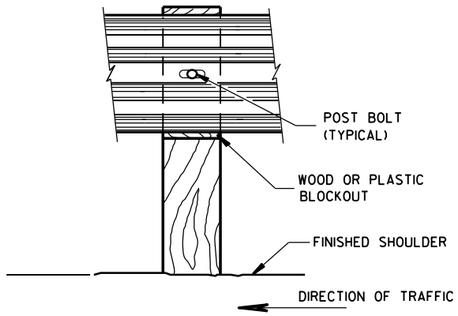
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 42-4a



FRONT VIEW

POST SPACING STANDARD INSTALLATION



FRONT VIEW AT WOOD POST

7. PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

8. DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.

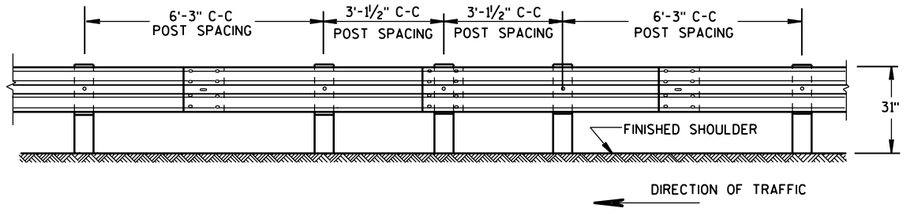
9. REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

10. PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

11. 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

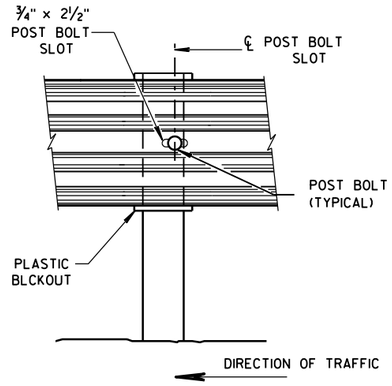
POST BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 5/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

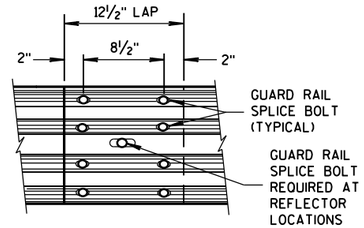


FRONT VIEW

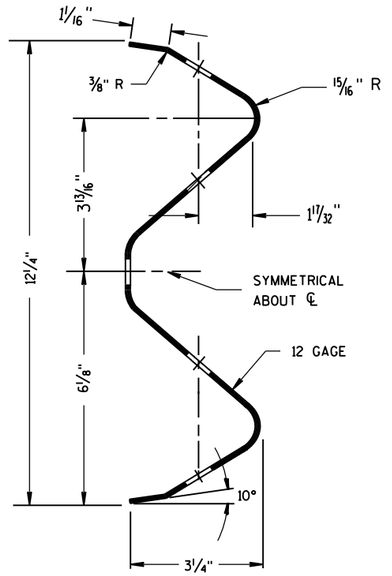
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



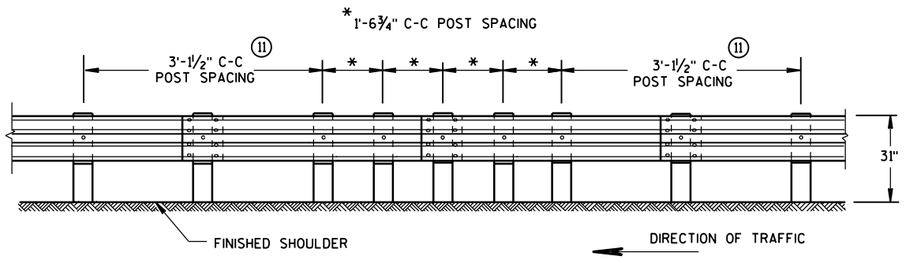
FRONT VIEW AT STEEL POST



FRONT VIEW
MID-SPAN BEAM SPLICE

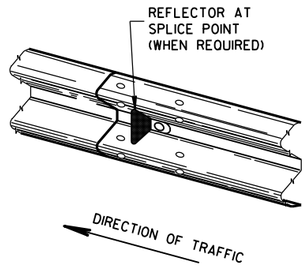


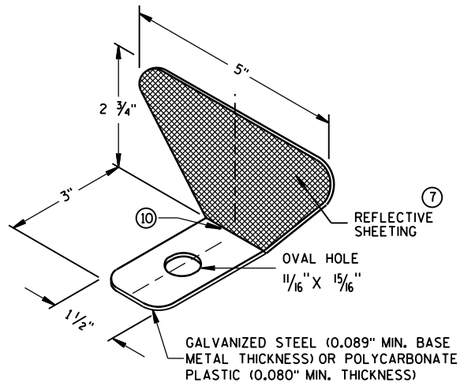
SECTION THRU W-BEAM RAIL



FRONT VIEW

QUARTER POST SPACING (QS)





ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION 7

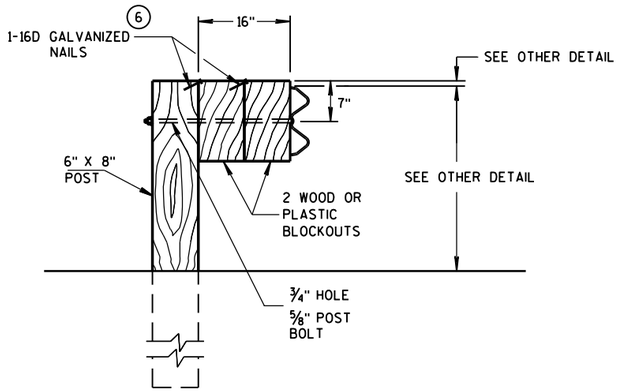
REFLECTOR SPACING 8

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200' > 200'	50' C-C 100' C-C	1 1	3
TWO WAY TRAFFIC	< 200' > 200'	25' C-C 50' C-C	1 9 1	6
TWO WAY TRAFFIC	< 200' > 200'	50' C-C 100' C-C	2 2 10	3

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

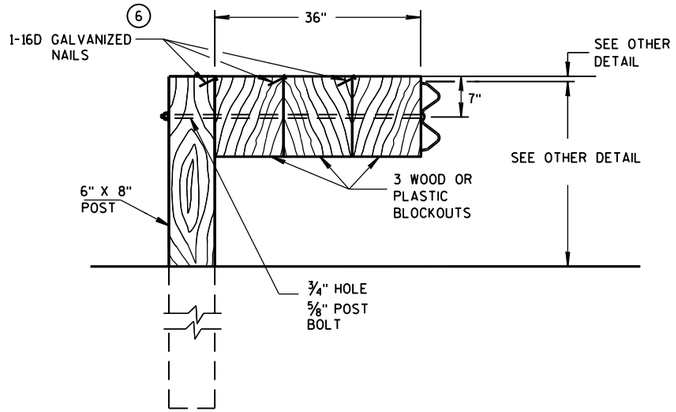
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

S.D.D. 14 B 42-4b



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.

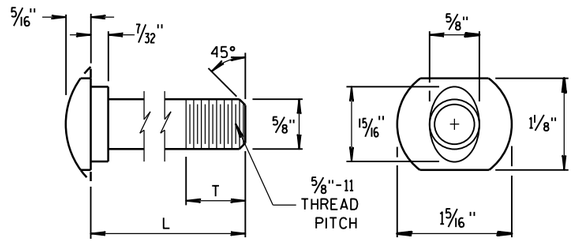


DETAIL FOR 36" BLOCKOUT DEPTH

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.

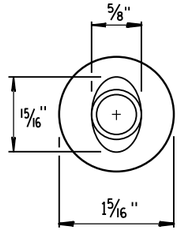
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

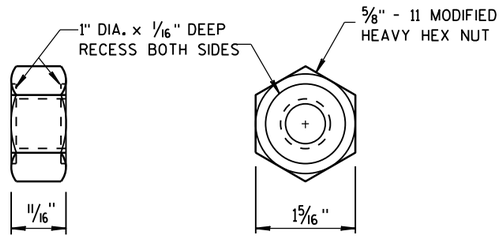


POST BOLT TABLE

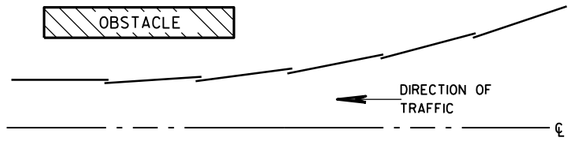
L	T (MIN.)
1¼"	1⅛"
2"	1¾"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

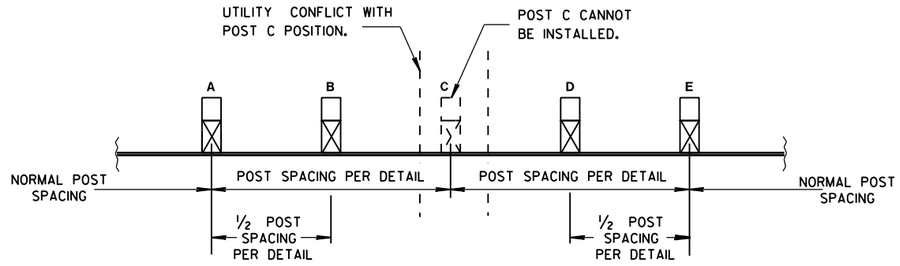


POST BOLT, SPLICE BOLT AND RECESS NUT

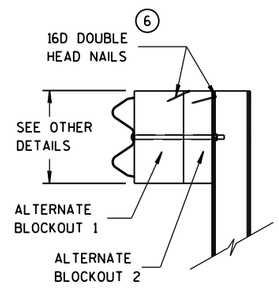


PLAN VIEW

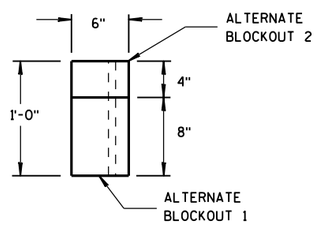
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

S.D.D. 14 B 42-4c

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 MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.

(D) THE TOP OF THE STEEL TUBE ON POST 1 AND POST 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(G) ½" DIAMETER X 3" LONG LAG BOLT AND WASHER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

(I) DIMENSIONS MAY VARY. SEE MANUFACTURE'S INFORMATION.

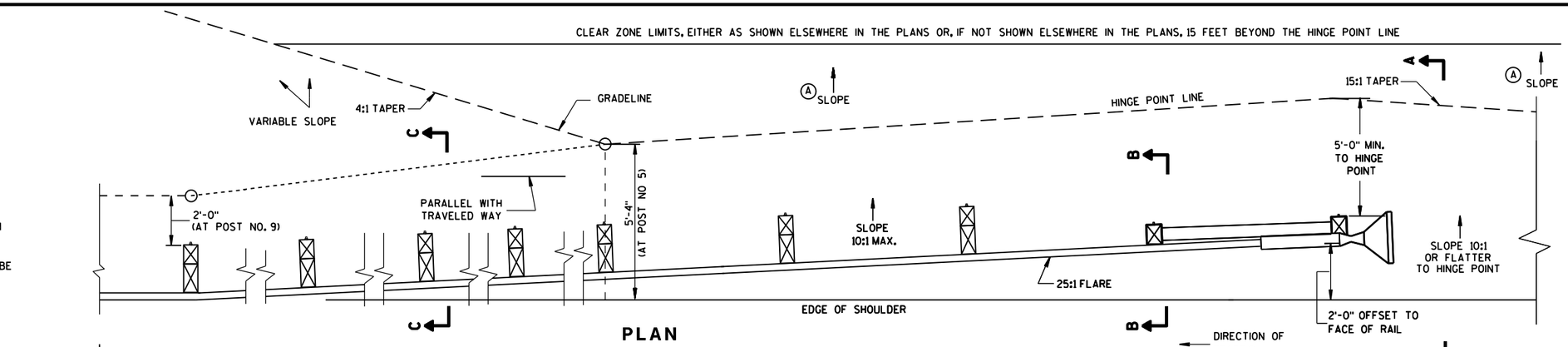
SEE SDD 14B42 FOR MORE INFORMATION.

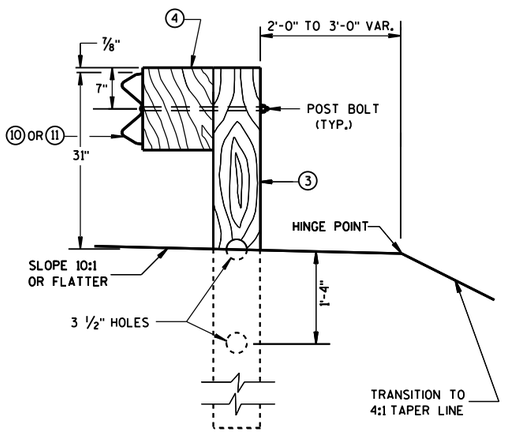
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

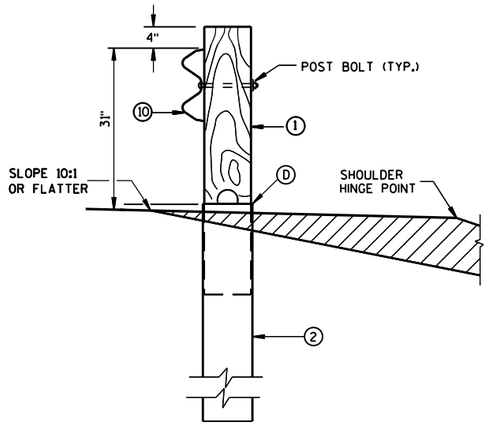
W-BEAM RAIL SPLICES ARE LOCATED AT POST NUMBER 3, AND BETWEEN POST 5 AND 6, BETWEEN POSTS 7 AND 8, AND MIDDLE OF THE SPAN AFTER POST 9.

THE CENTER OF THE UPPER 3½" 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.

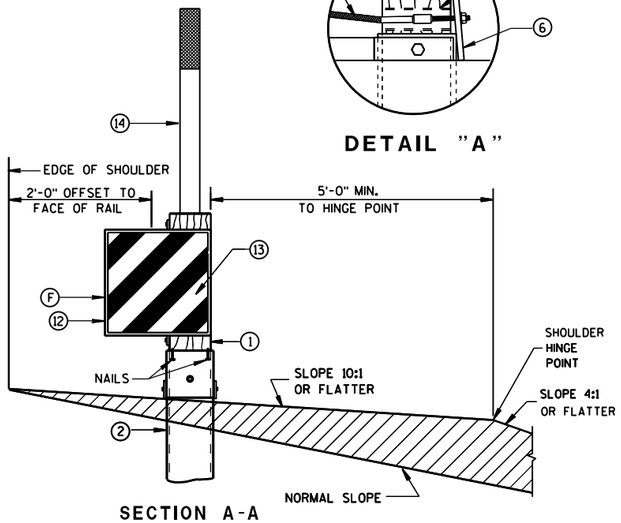




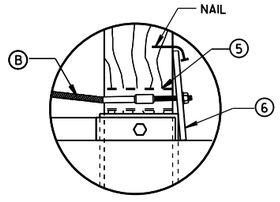
SECTION C-C
TYPICAL AT POST NOS. 3-9



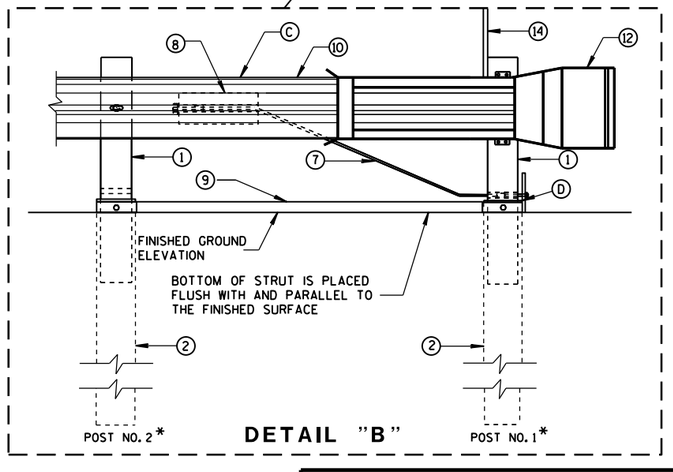
SECTION B-B
TYPICAL AT POST NO. 2*



SECTION A-A
TYPICAL AT POST NO. 1*



DETAIL "A"



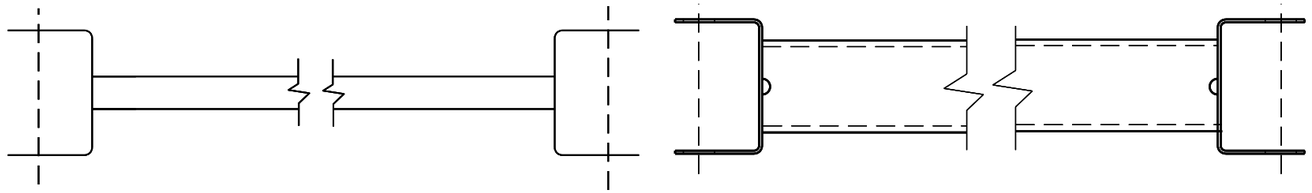
DETAIL "B"

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

S.D.D. 14 B 44-2a

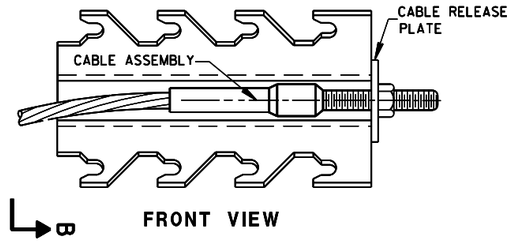
S.D.D. 14 B 44-2a



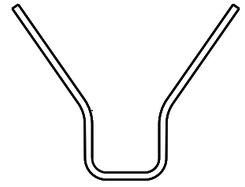
GENERIC GROUND STRUT (9) (H)

BILL OF MATERIALS

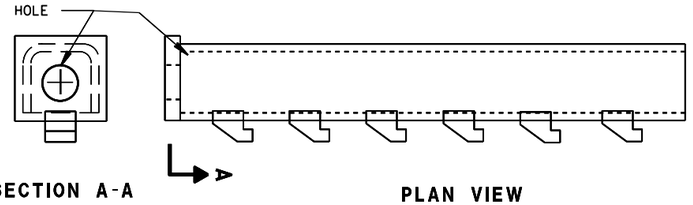
PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
(1)	WOOD BREAKAWAY POST
(2)	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1 AND 2
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR 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)	END SECTION EAT
(13)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
(14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



FRONT VIEW



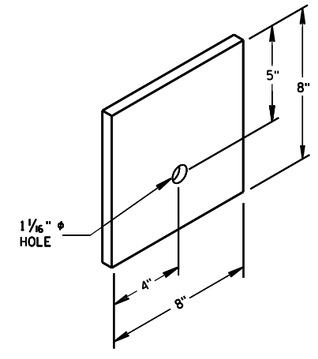
SECTION B-B



SECTION A-A

PLAN VIEW

GENERIC ANCHOR CABLE BOX (8) (H)

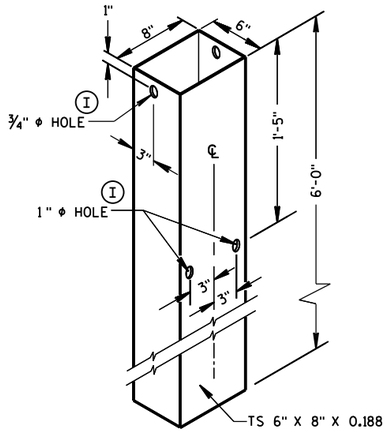


BEARING PLATE (6)

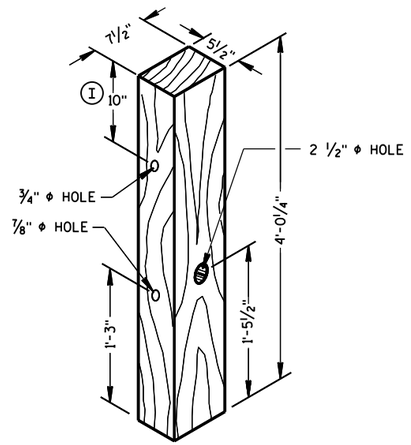
MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 44-2b

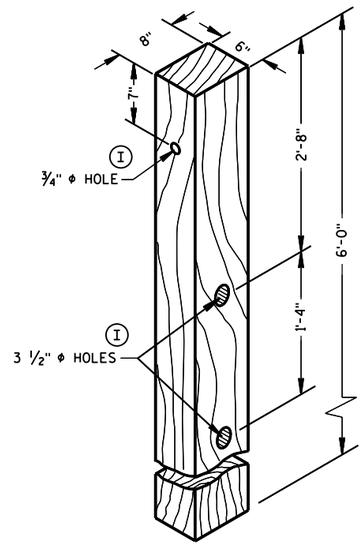


FOUNDATION TUBE (2)



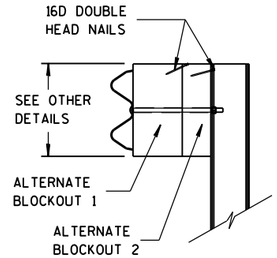
POSTS NUMBER 1 AND 2

WOOD BREAKAWAY POST (1)

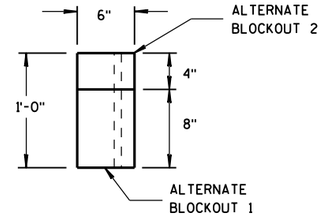


POSTS NUMBER 3-9

WOOD CRT POST (3)

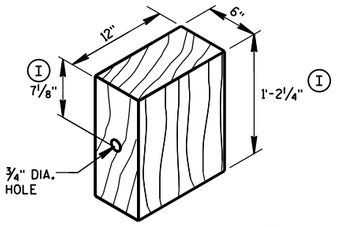


SIDE VIEW



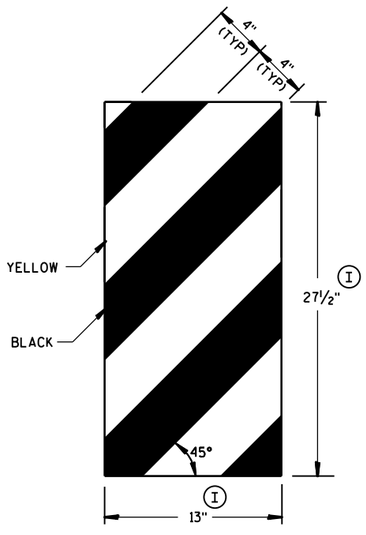
TOP VIEW

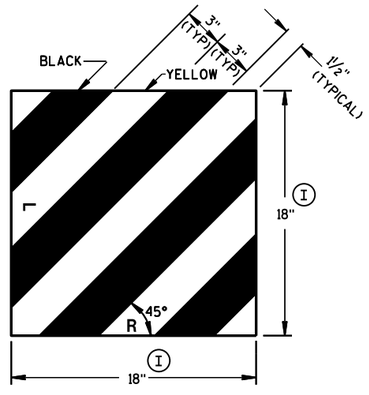
ALTERNATE WOOD BLOCKOUT DETAIL



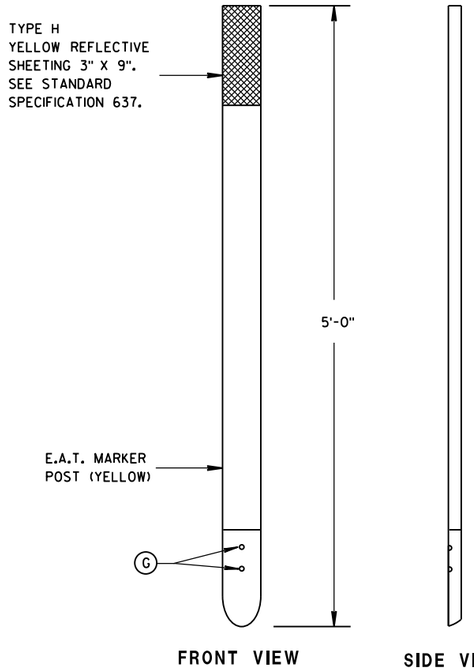
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2





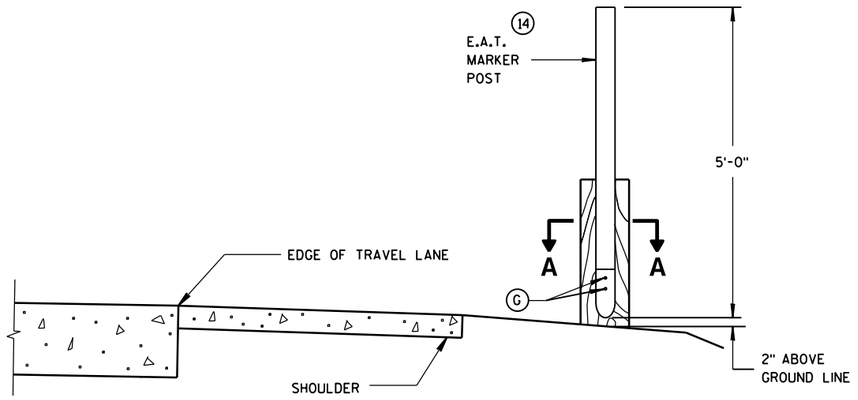
GENERIC REFLECTIVE SHEETING (13) (H)



FRONT VIEW

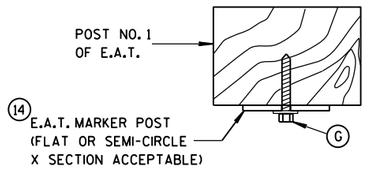
SIDE VIEW

E.A.T. MARKER POST (14)



TYPICAL INSTALLATION OF E.A.T. MARKER POST BACKSIDE OF POST NO. 1

(E.A.T. AND RAIL REMOVED FOR CLARITY)



SECTION A-A

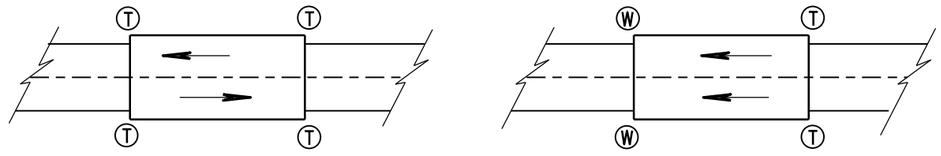
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 14 B 44-2c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

Ⓣ THRIE BEAM CONNECTION

Ⓦ W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

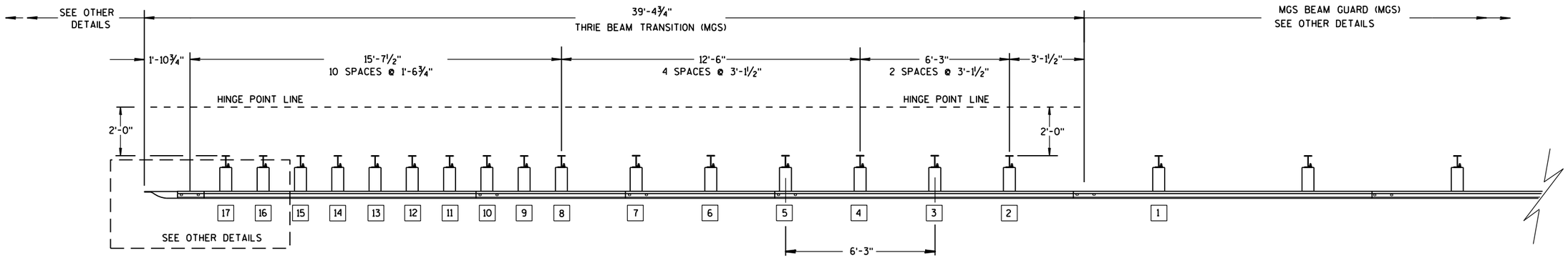
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

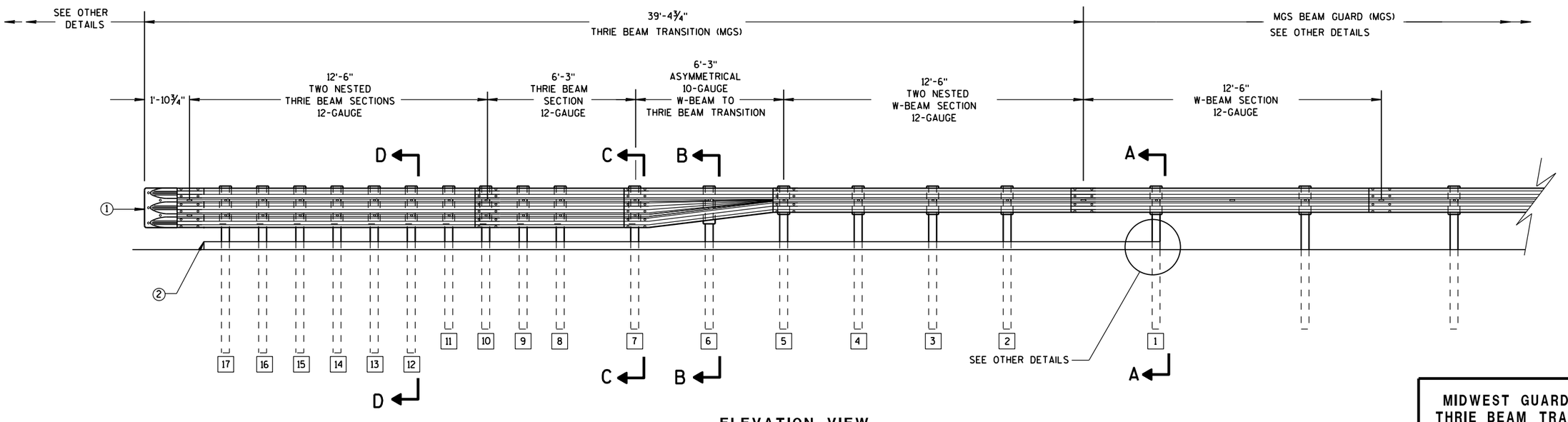
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

① BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.



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 45-4a

6

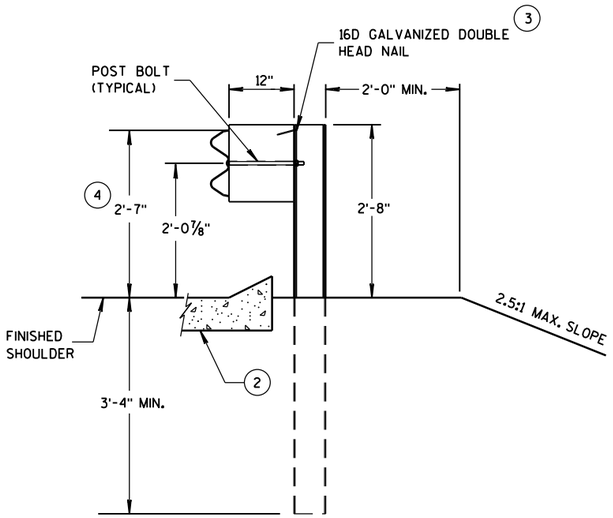
S.D.D. 14 B 45-4a

GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE_FEATURE SEE PLAN FOR INFORMATION.

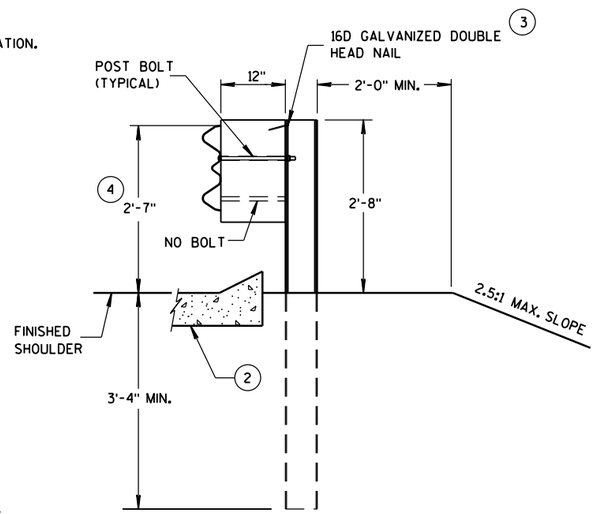
(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



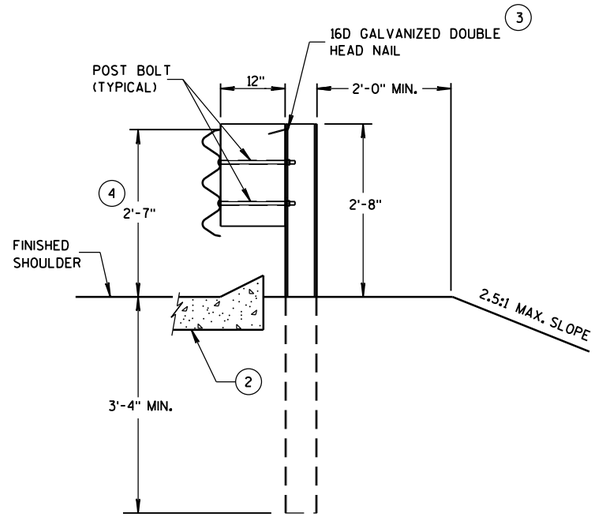
SECTION A-A

POSTS 1-5



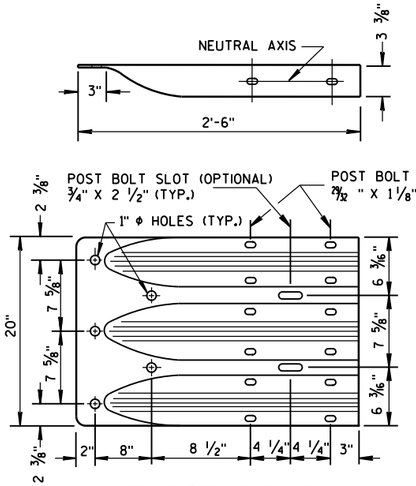
SECTION B-B

POST 6



SECTION C-C

POSTS 7-11



THRIE BEAM TERMINAL CONNECTOR

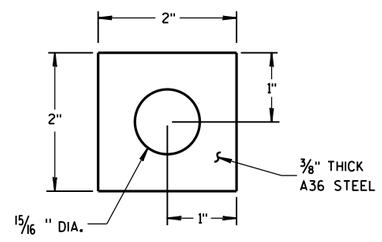
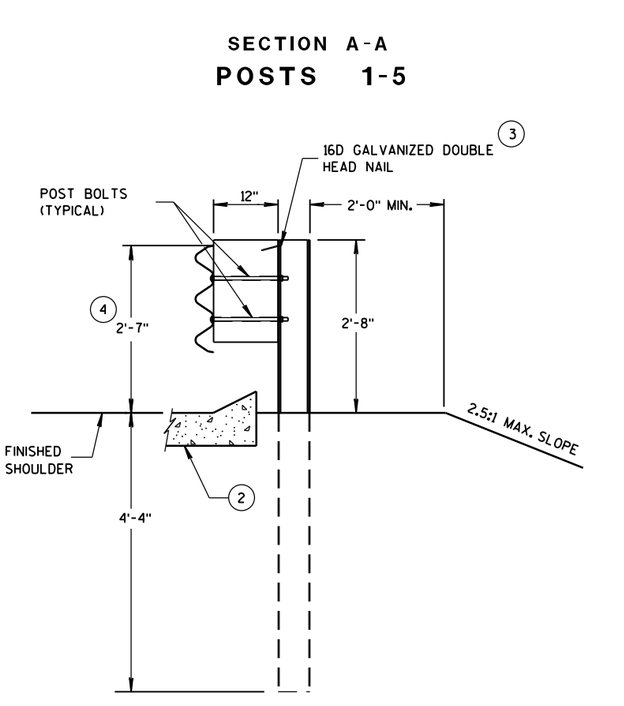
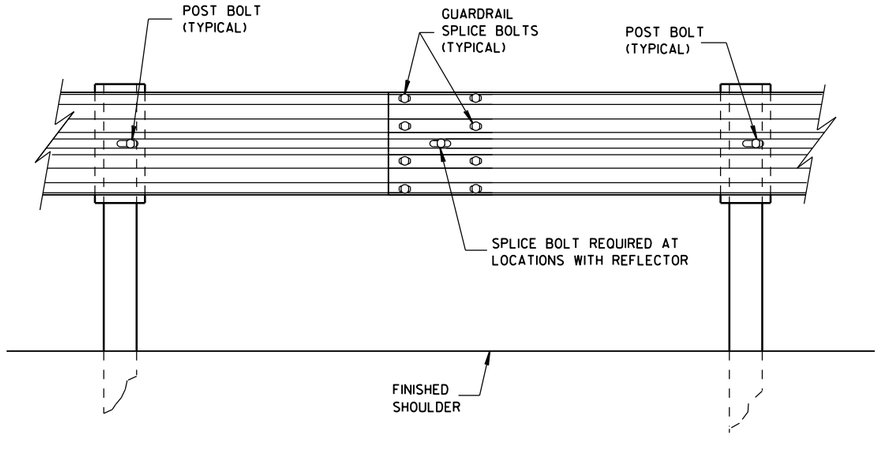


PLATE WASHER DETAIL

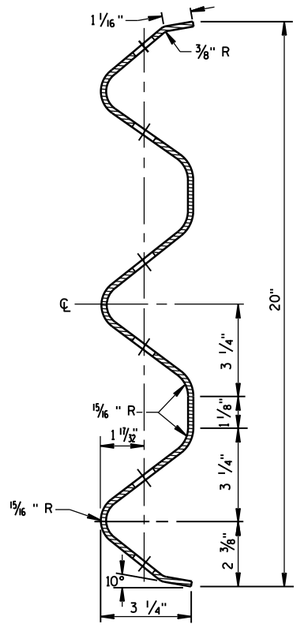


SECTION D-D

POSTS 12-17



SPLICE DETAIL



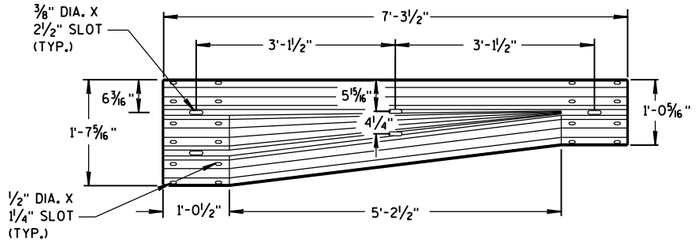
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

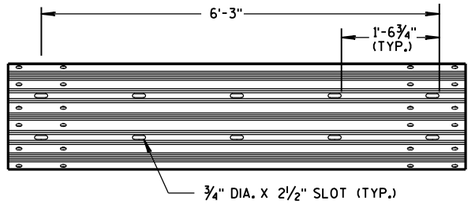
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

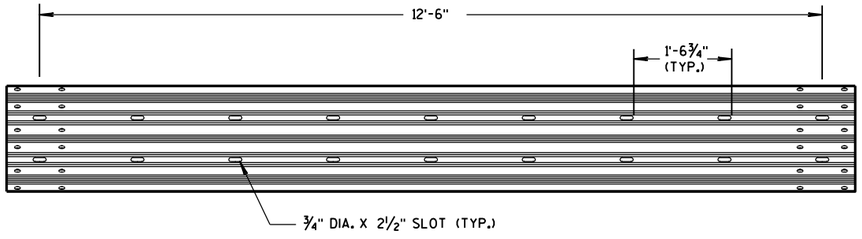
S.D.D. 14 B 45-4b



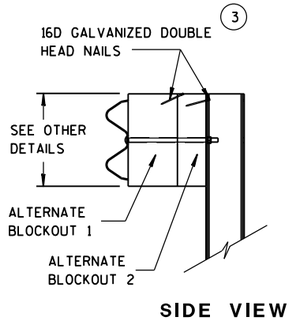
W-BEAM TO THRIE BEAM TRANSITION SECTION



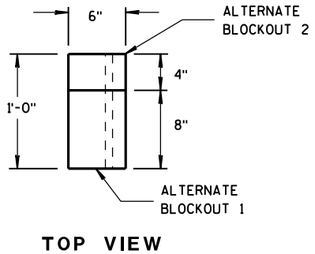
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

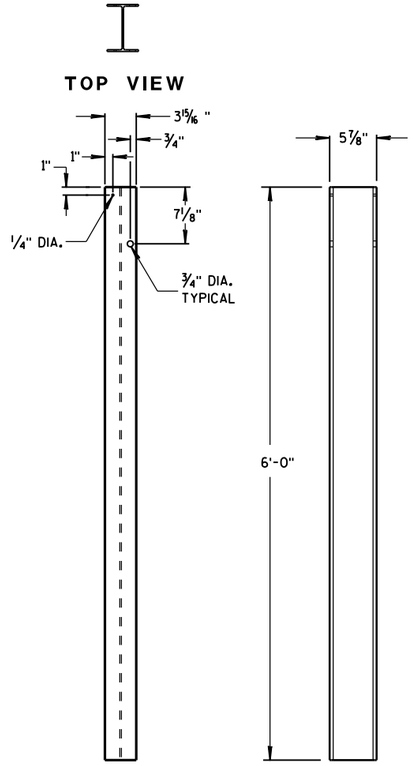


SIDE VIEW

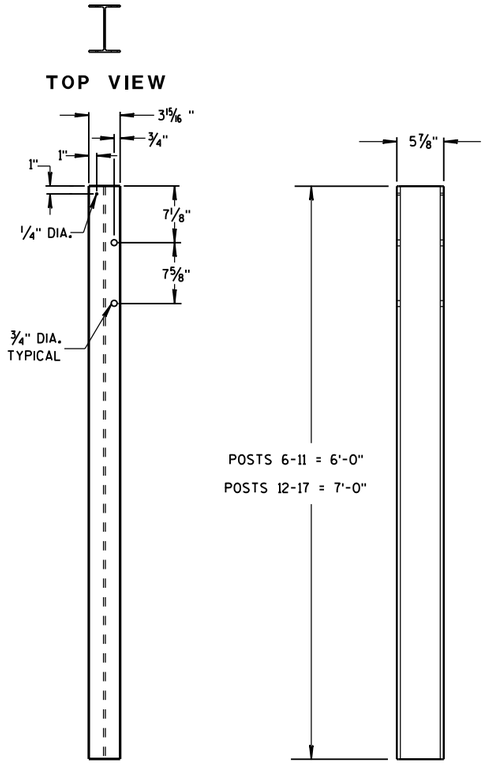


TOP VIEW

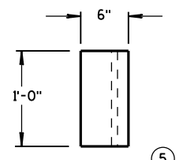
ALTERNATE WOOD BLOCKOUT DETAIL



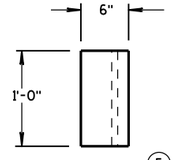
STEEL POSTS 1-5



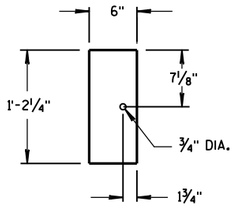
STEEL POSTS 6-17



TOP VIEW (5)

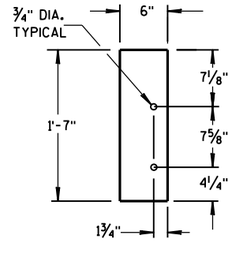


TOP VIEW (5)



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.

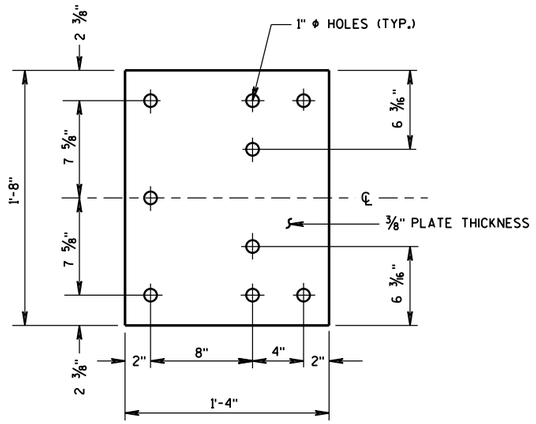
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

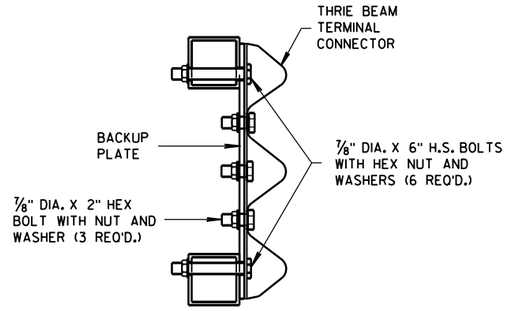
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

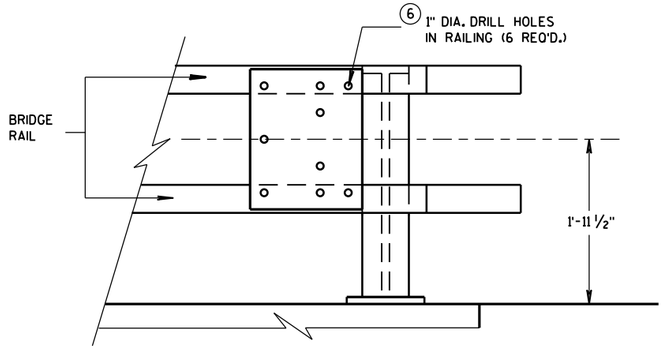
S.D.D. 14 B 45-4c
S.D.D. 14 B 45-4c



BACK-UP PLATE DETAIL



SECTION J-J

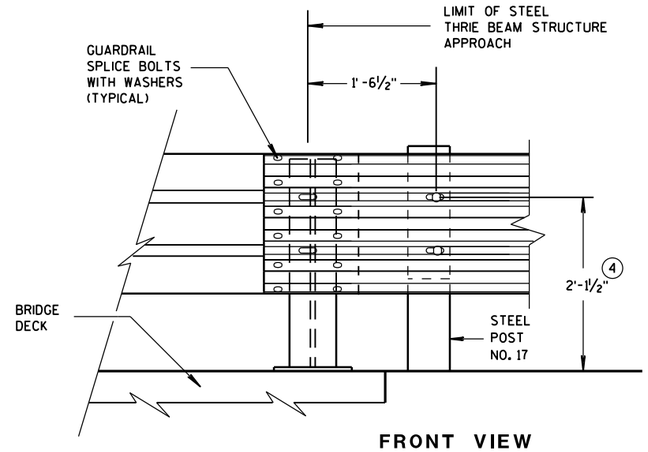


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

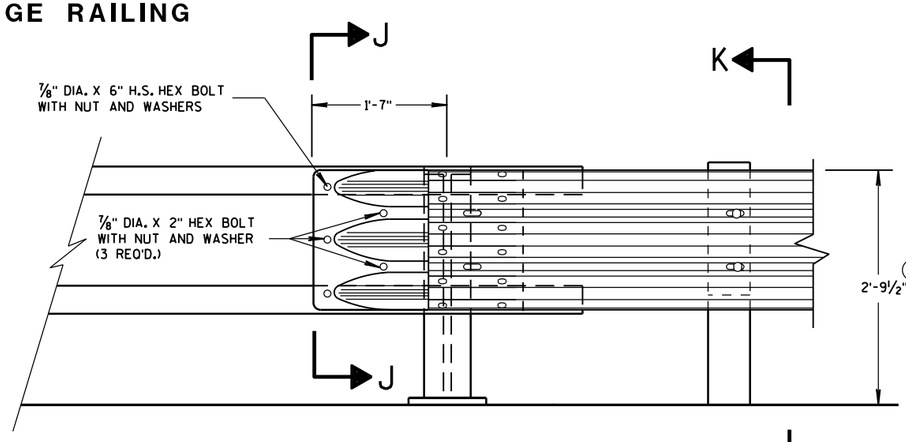
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(6) DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

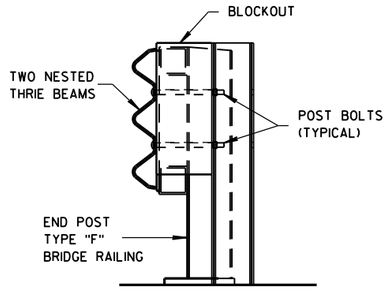


FRONT VIEW

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
DEPARTMENT OF TRANSPORTATION

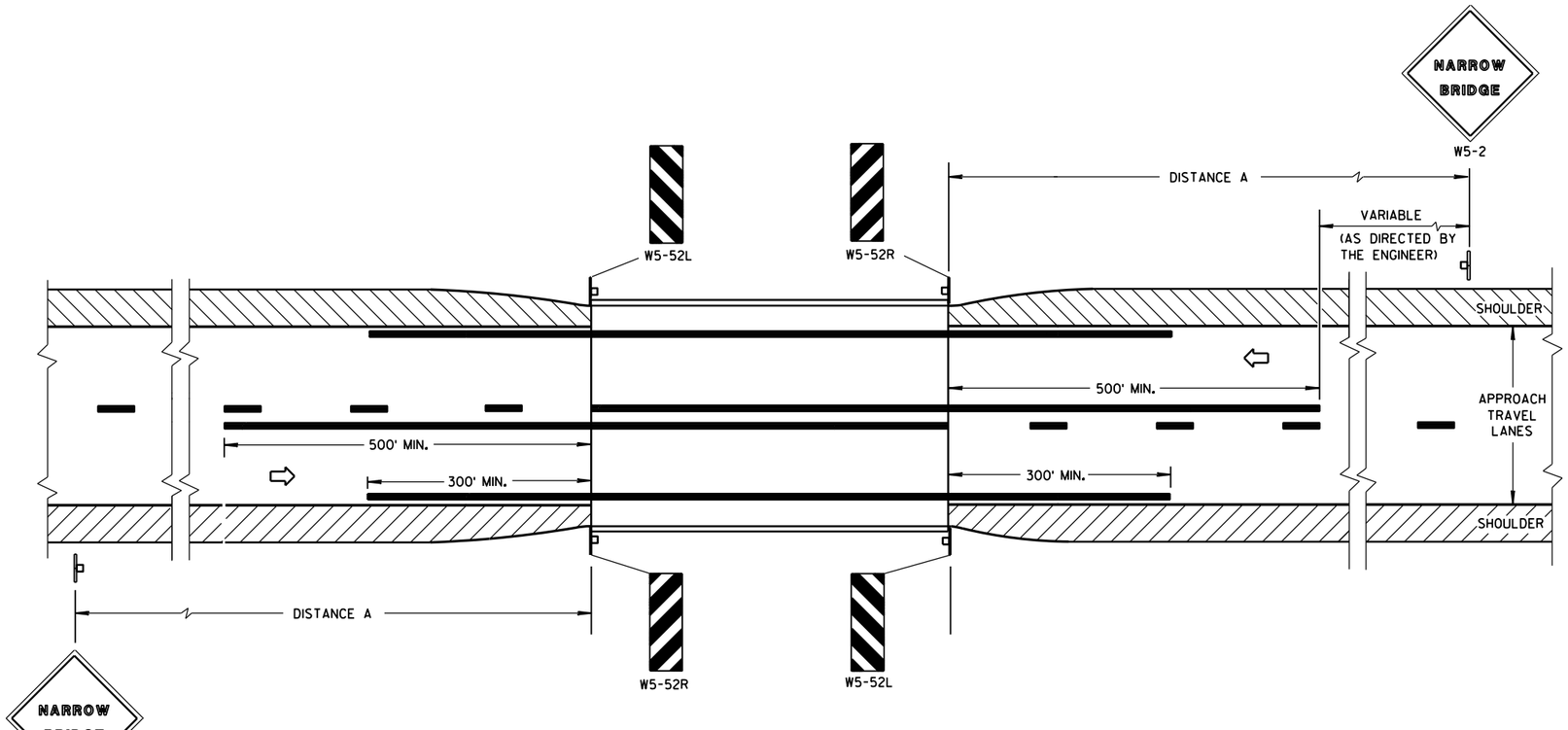
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 14 B 45-4g

6

S.D.D. 14 B 45-4g



SITUATION 1

WARRANTING CRITERIA:
BRIDGE WIDTH IS AT LEAST 16 FEET BUT LESS THAN 24 FEET.

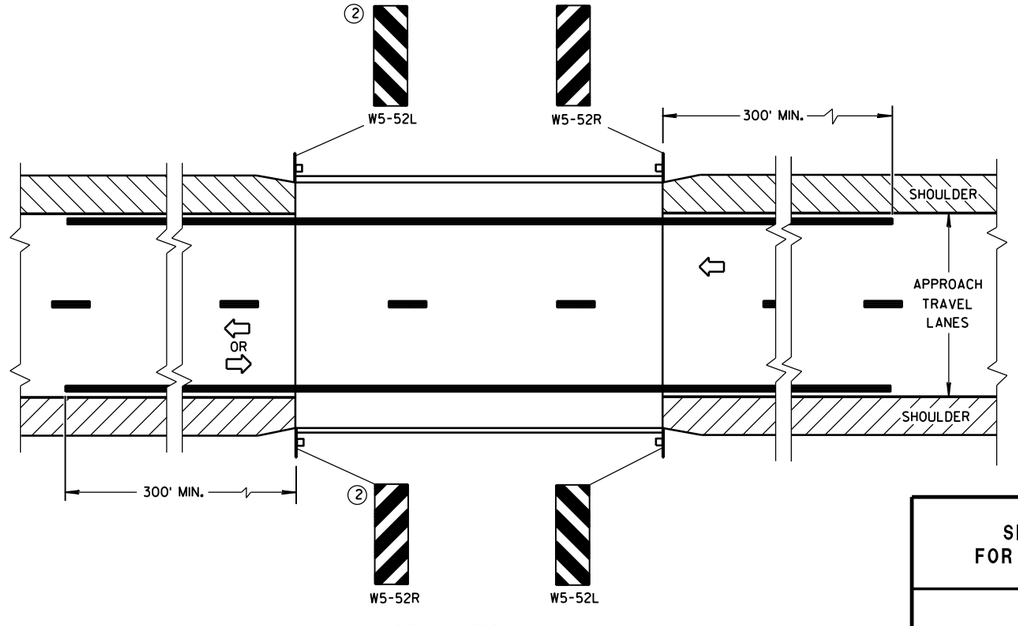
DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	750'

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

1. LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.
2. OMIT ON ONE-WAY TRAVELLED WAYS.
3. EDGE OF W5-52 SIGN SHALL BE PLACED IN LINE WITH FACE OF CURB OR PARAPET.



SITUATION 2

WARRANTING CRITERIA:

1. BRIDGE WIDTH IS AT LEAST 24 FEET AND
2. BRIDGE SHOULDER WIDTH IS LESS THAN 6 FEET.

SIGNING & MARKING FOR TWO LANE BRIDGES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-18-16 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MAR ...EER
FHWA

6

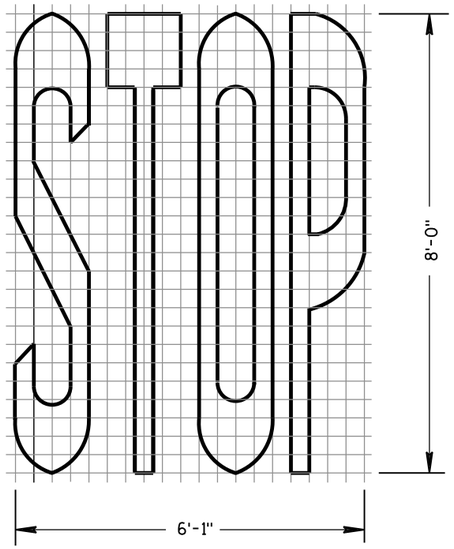
S.D.D. 15 C 6-8

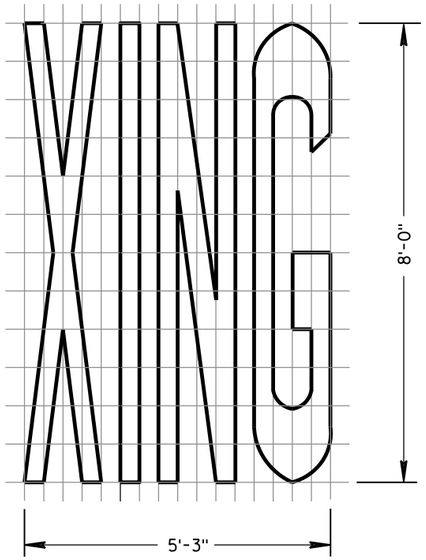
6

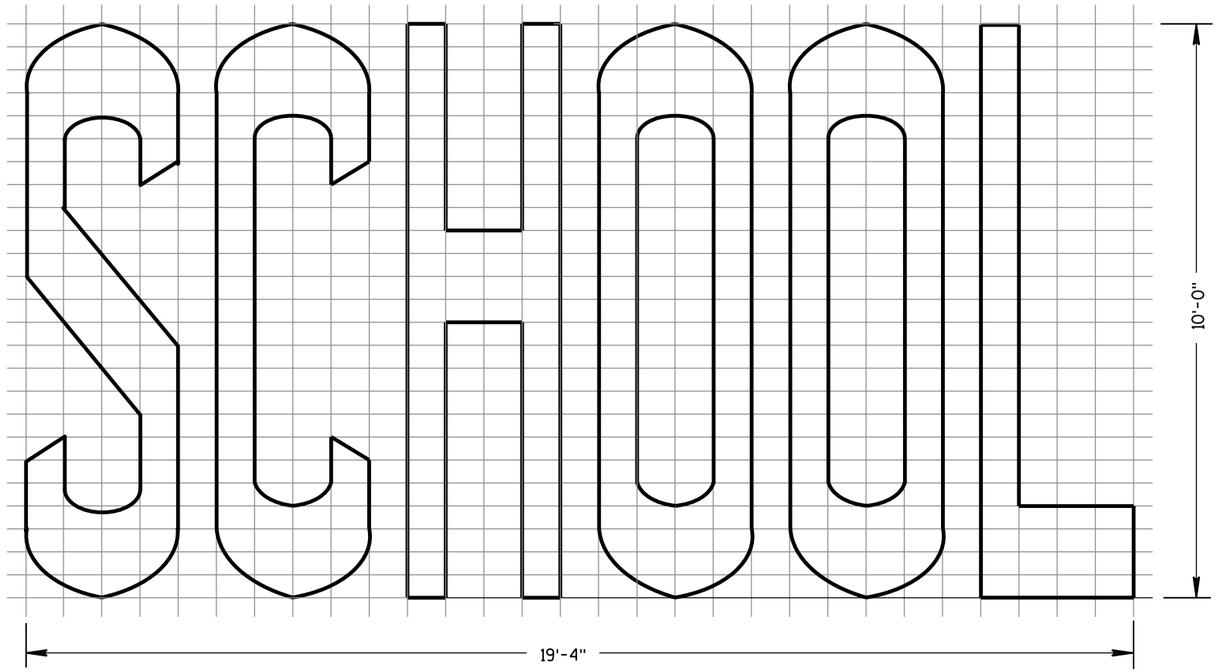
S.D.D. 15 C 6-8

GENERAL NOTES

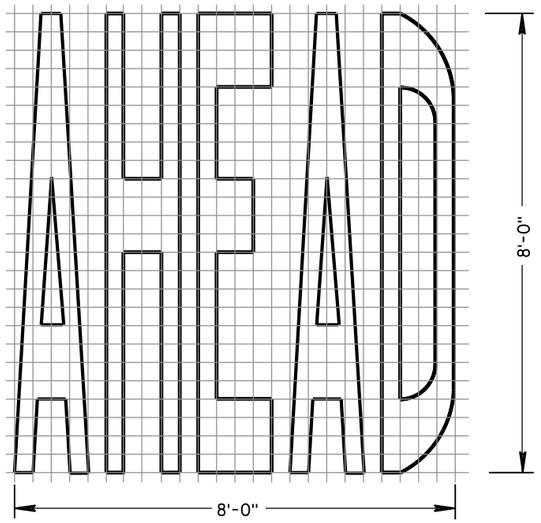
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

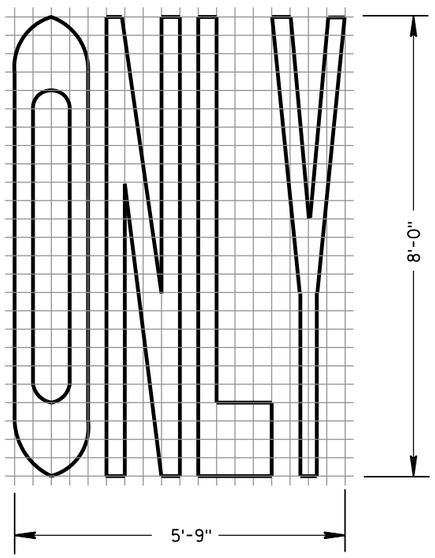


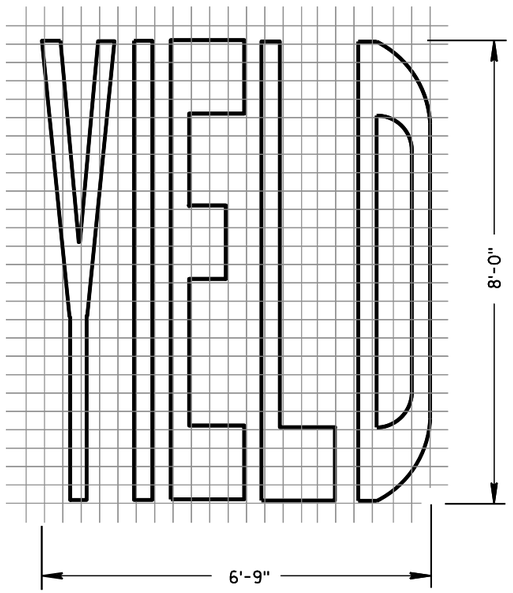


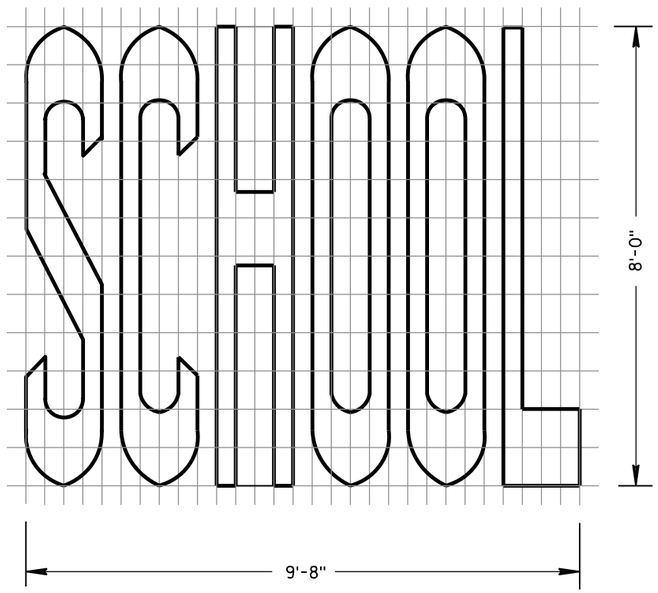


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-16	/S/ Matthew R. Rauch	
DATE	STATE SIGNING AND MARK	EER

FHWA

6

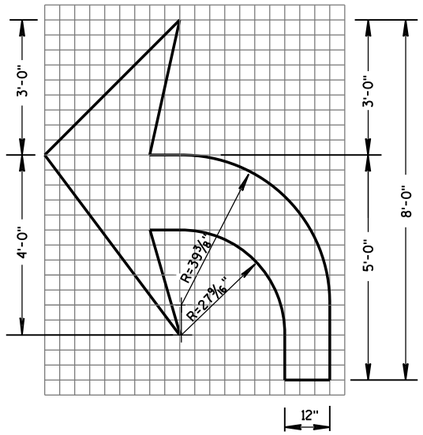
S.D.D. 15 C 7-13b

6

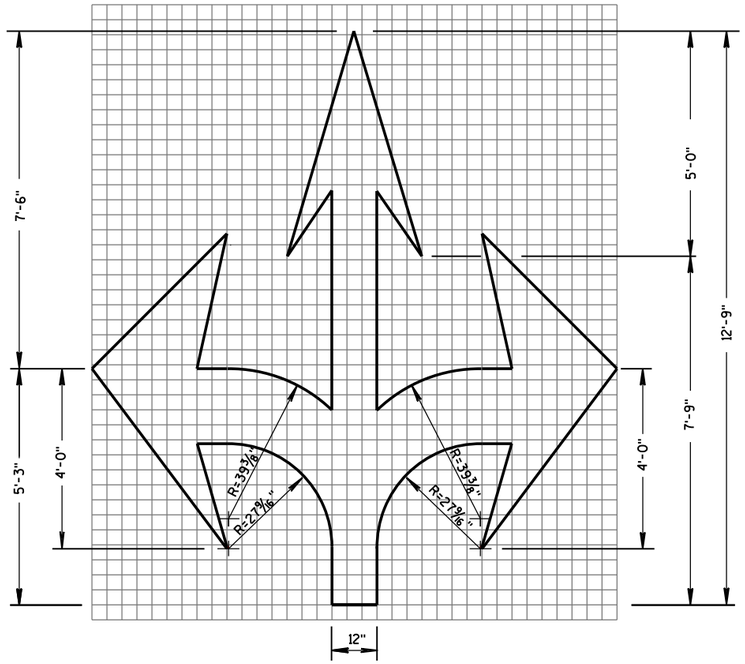
S.D.D. 15 C 7-13b

GENERAL NOTES

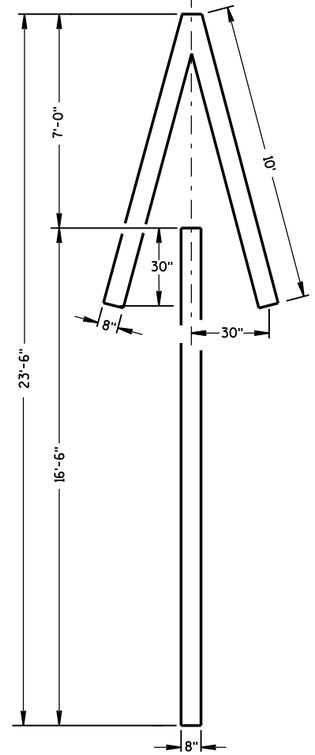
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



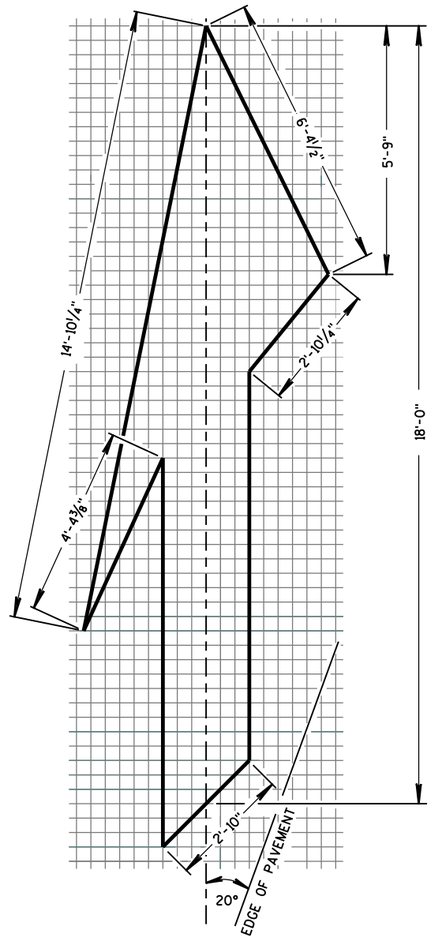
TYPE 2



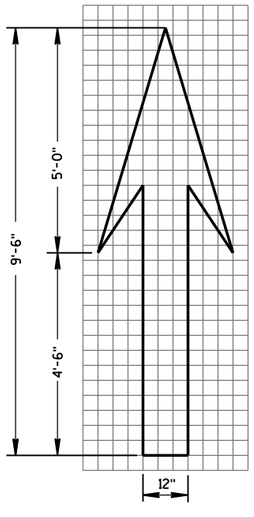
TYPE 6



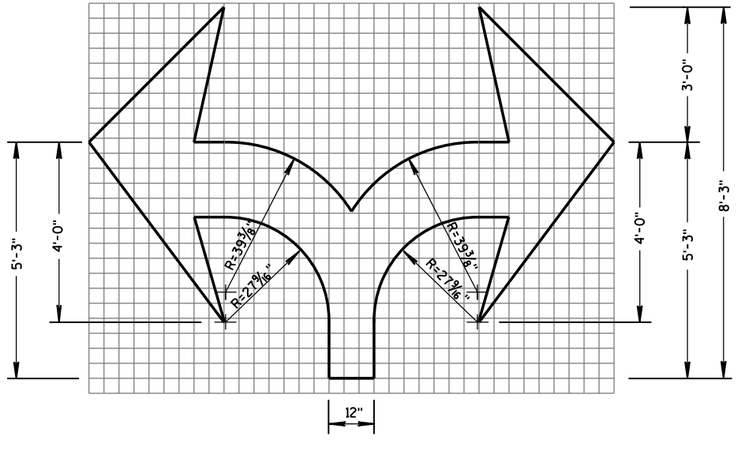
TYPE 4



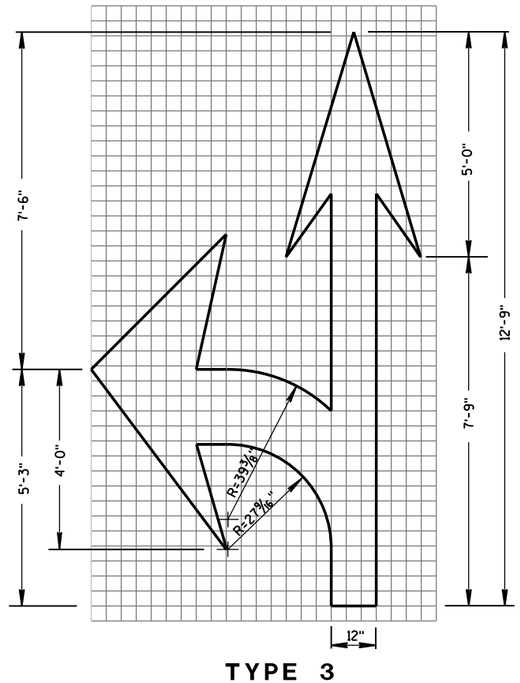
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

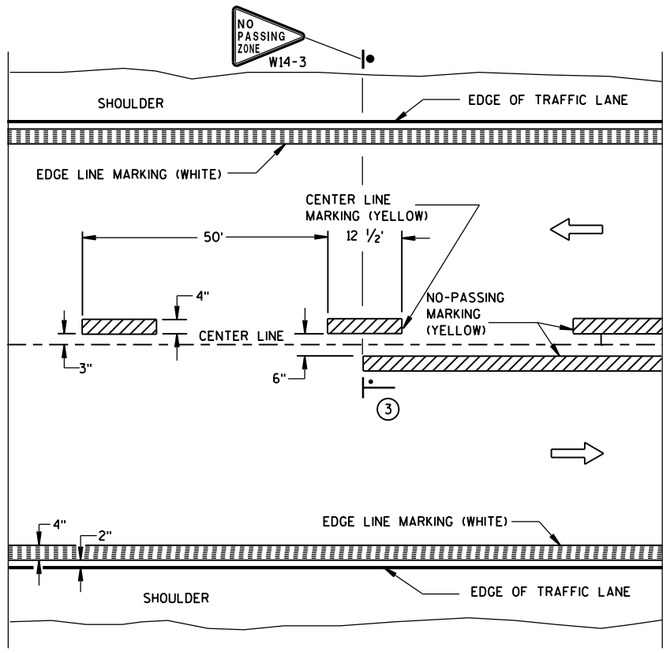
APPROVED
4-18-16 DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible]NEER
FHWA

6

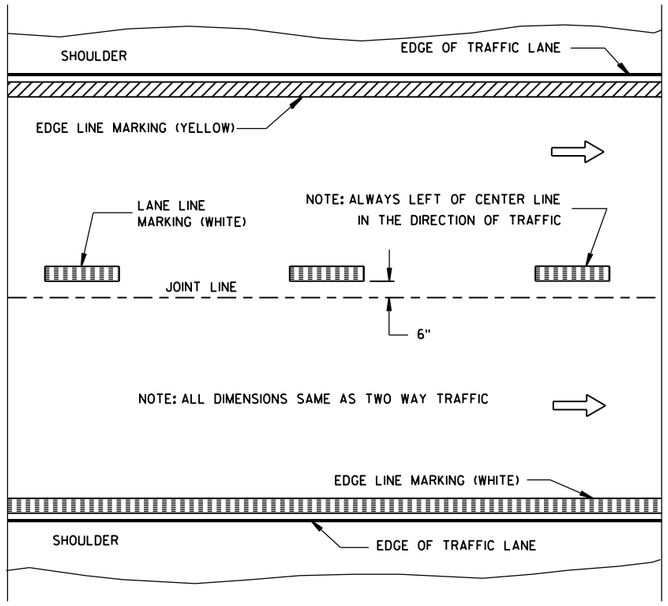
S.D.D. 15 C 7-13c

6

S.D.D. 15 C 7-13c

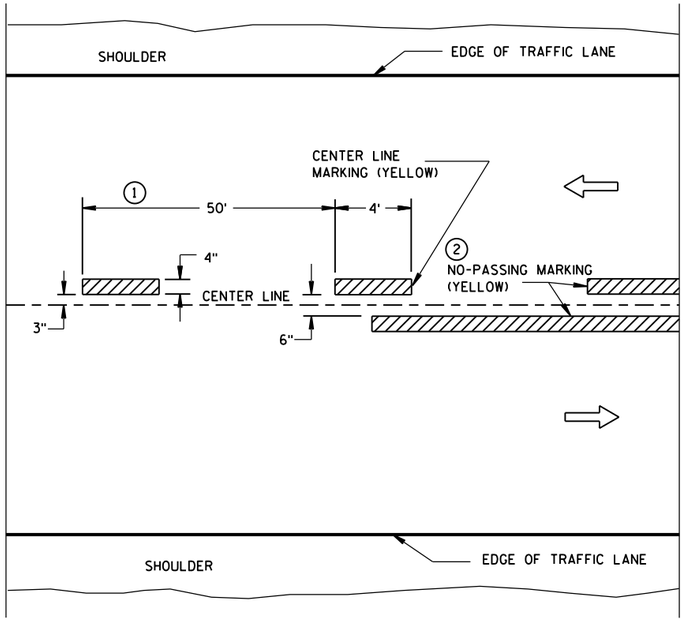


TWO WAY TRAFFIC

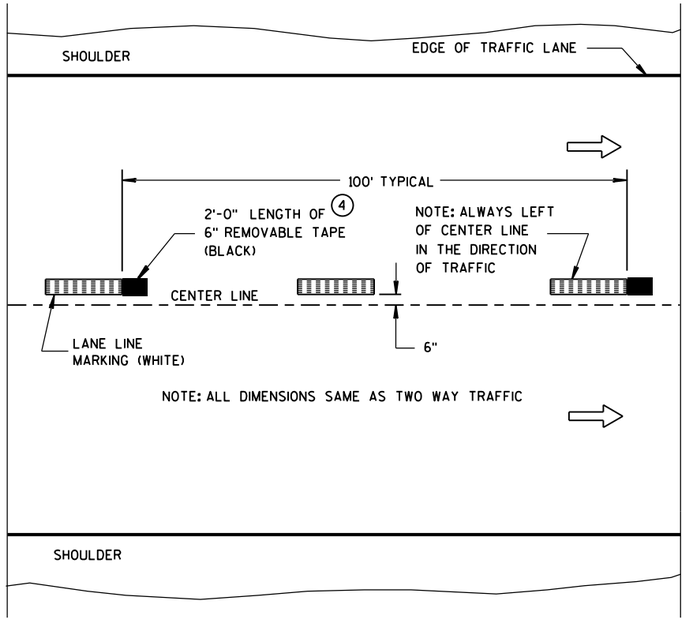


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

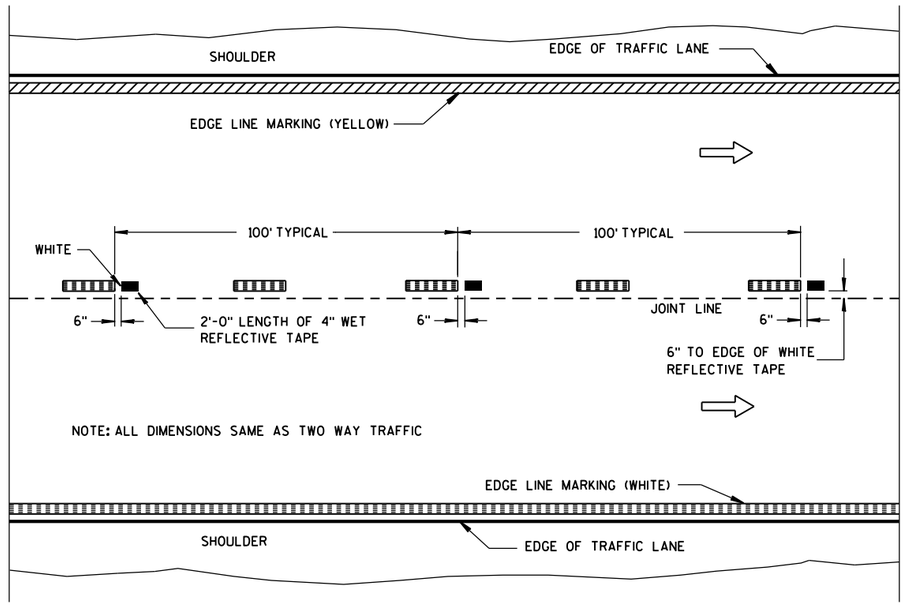
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
3. NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
4. CONCRETE ONLY.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5-13-2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

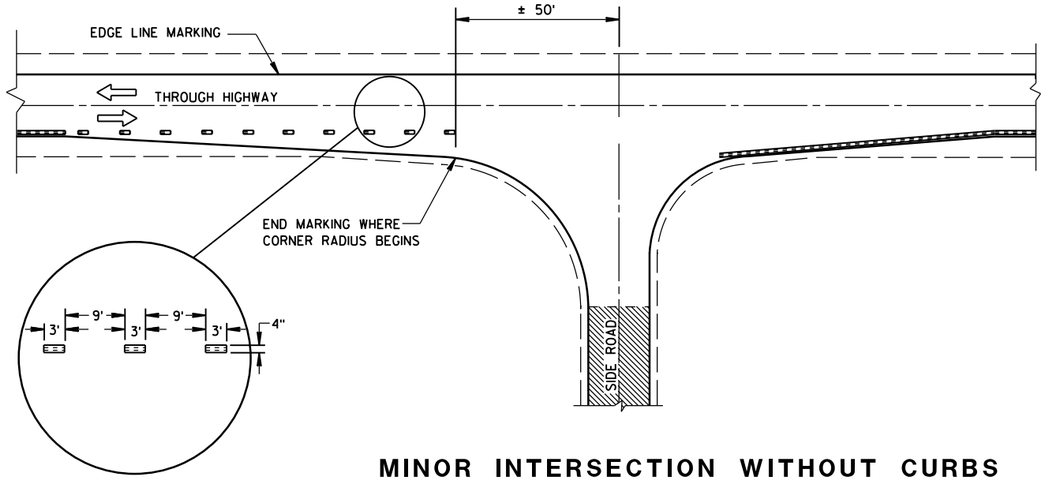
FHWA

6

S.D.D. 15 C 8-16a

6

S.D.D. 15 C 8-16a



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED 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) ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.

(4) THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.

(5) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(6) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

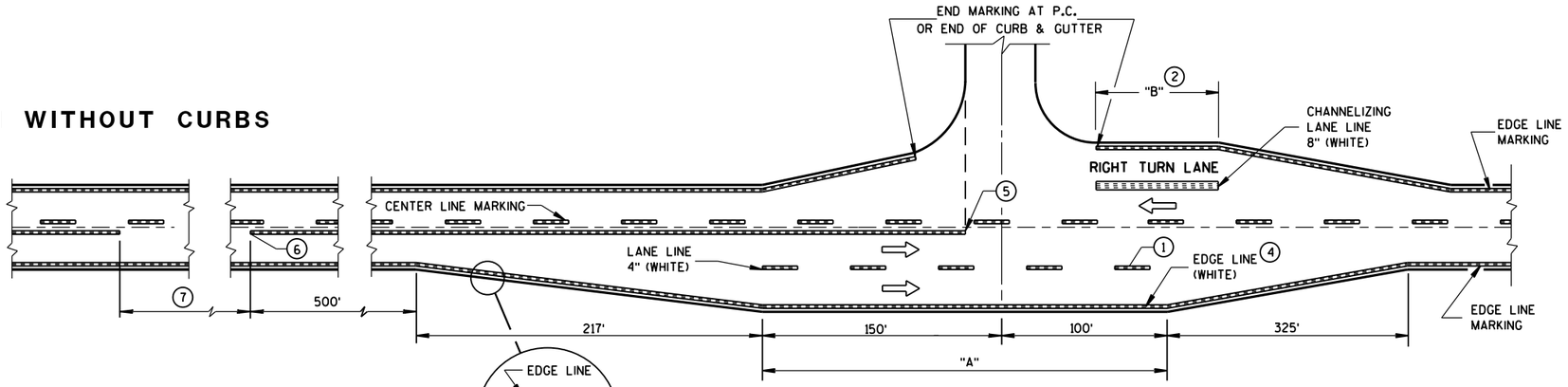
(7) IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.

(8) 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

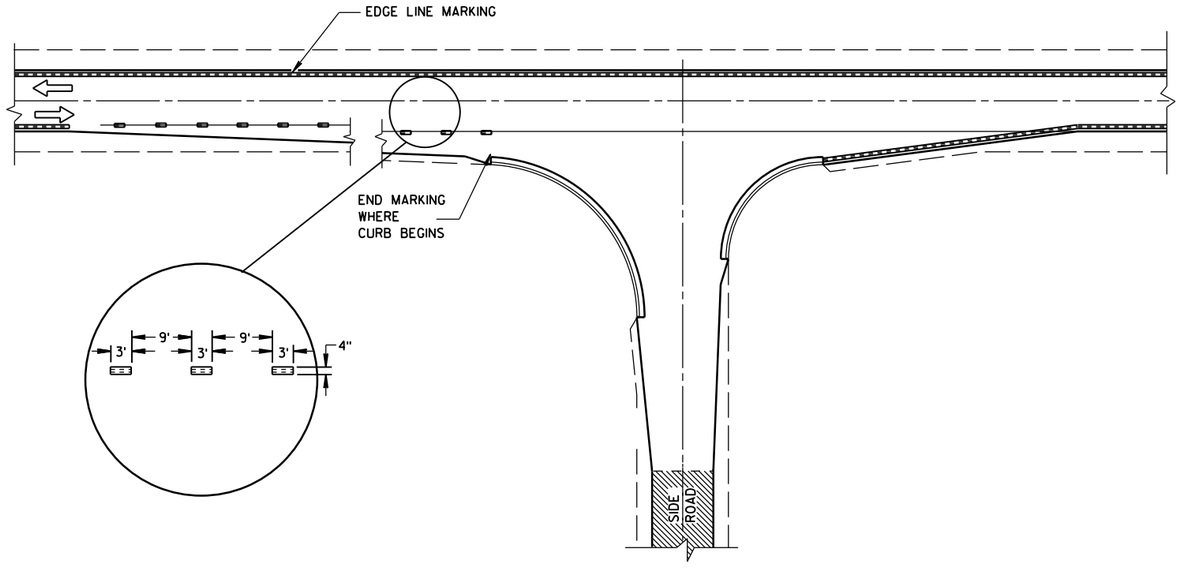
(7)

POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



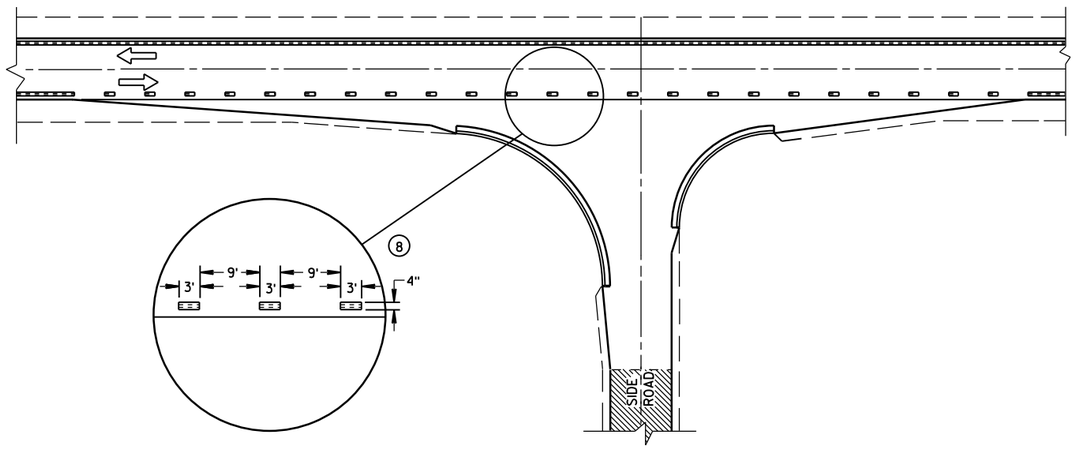
MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS

(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS

(3) (FOR SPECIAL CONDITIONS AS SPECIFIED)

PAVEMENT MARKING
(INTERSECTIONS)

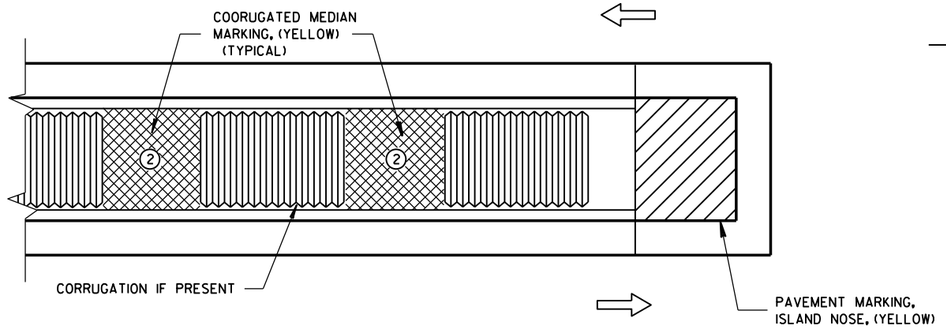
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

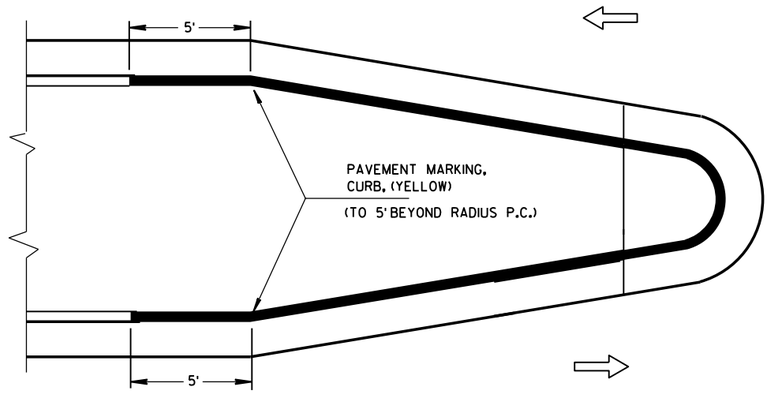
S.D.D. 15 C 8-16b

6

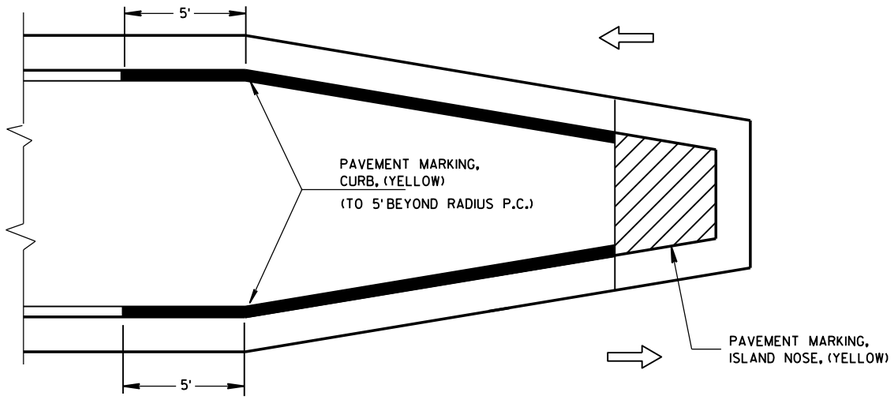
S.D.D. 15 C 8-16b



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

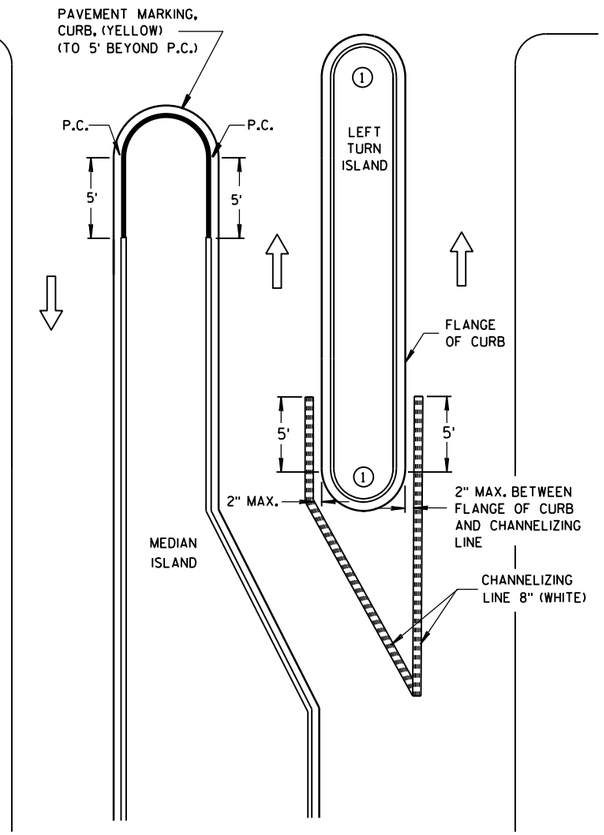


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

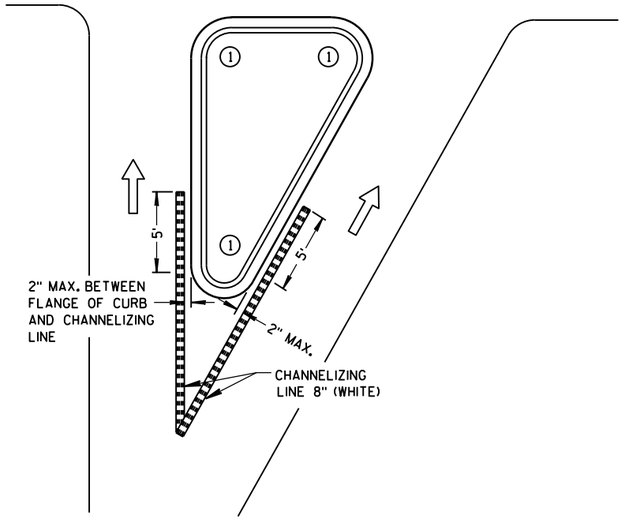


LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.

2. 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 AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND

LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 C 8-16f

6

S.D.D. 15 C 8-16f

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

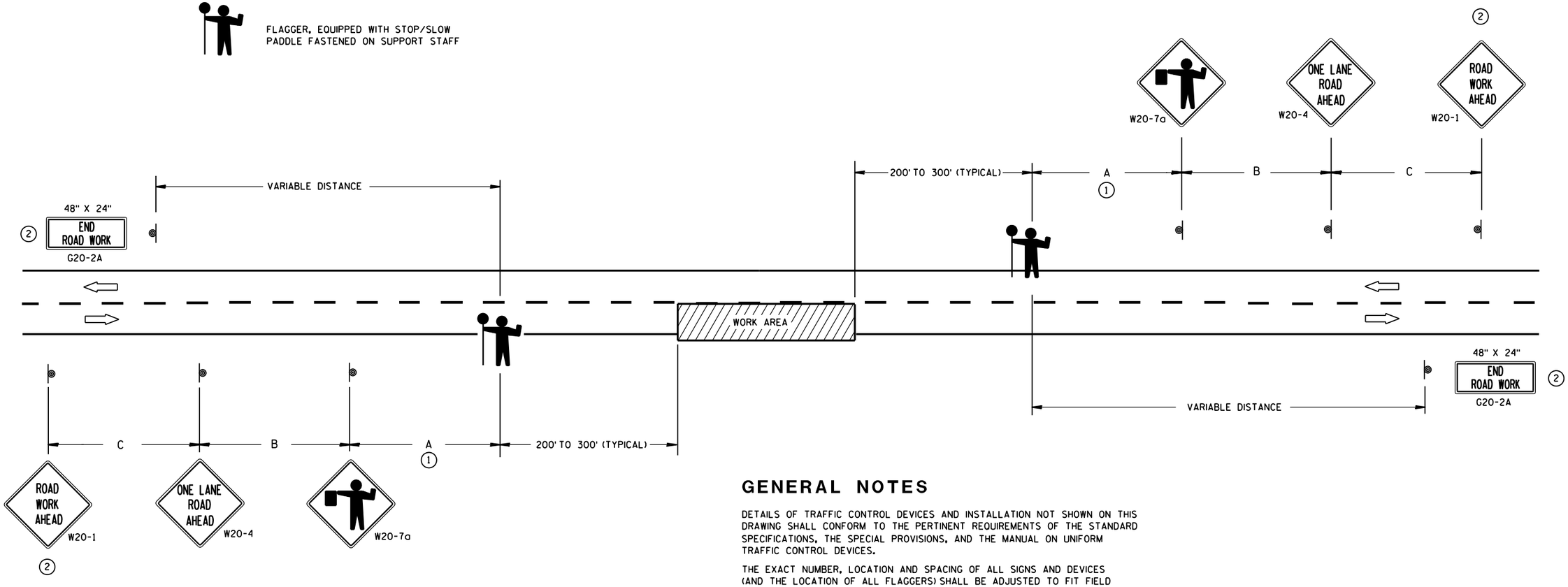
SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

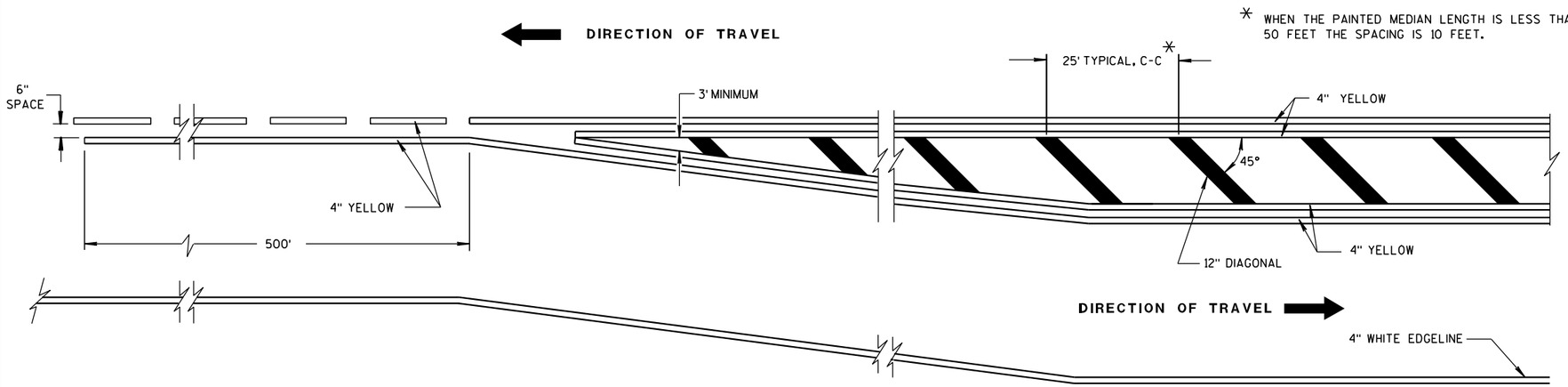
APPROVED
8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 C 12-4

6

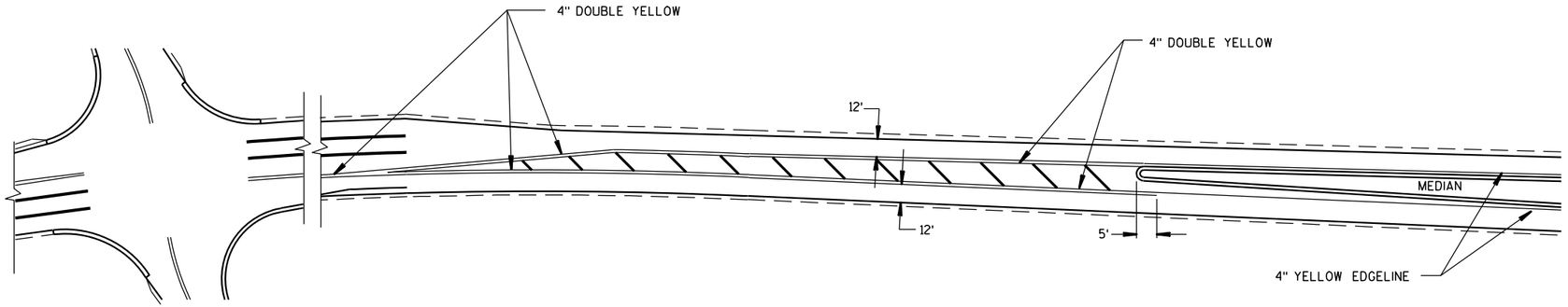
S.D.D. 15 C 12-4



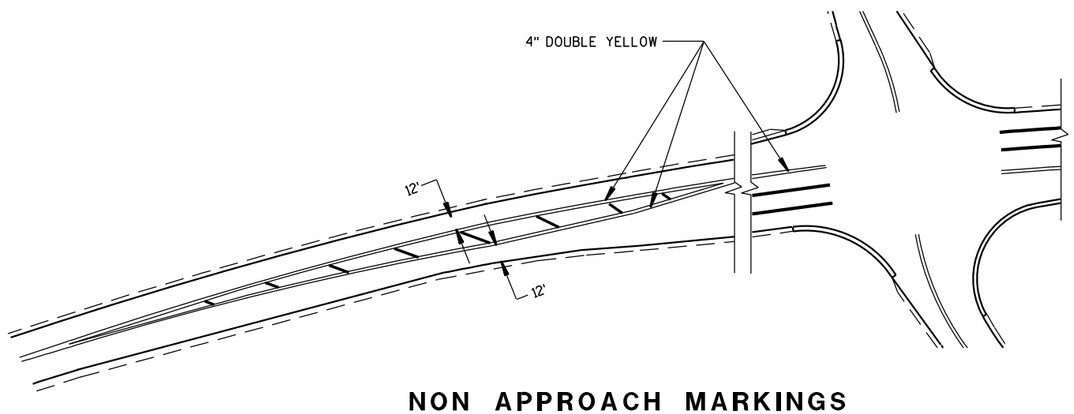
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

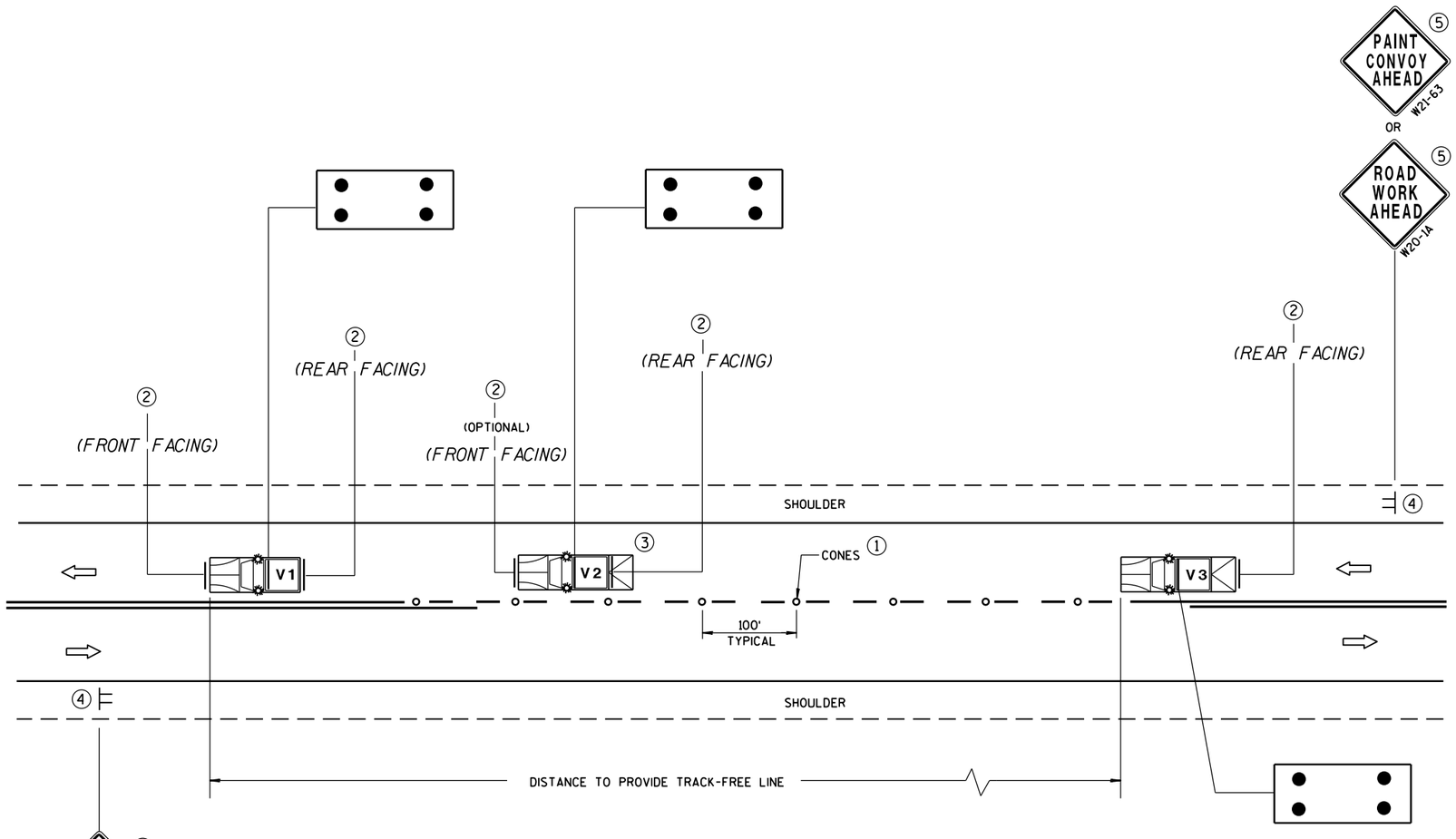
MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER
FHWA	179 IGN

6

S.D.D. 15 C 18-3

6

S.D.D. 15 C 18-3



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

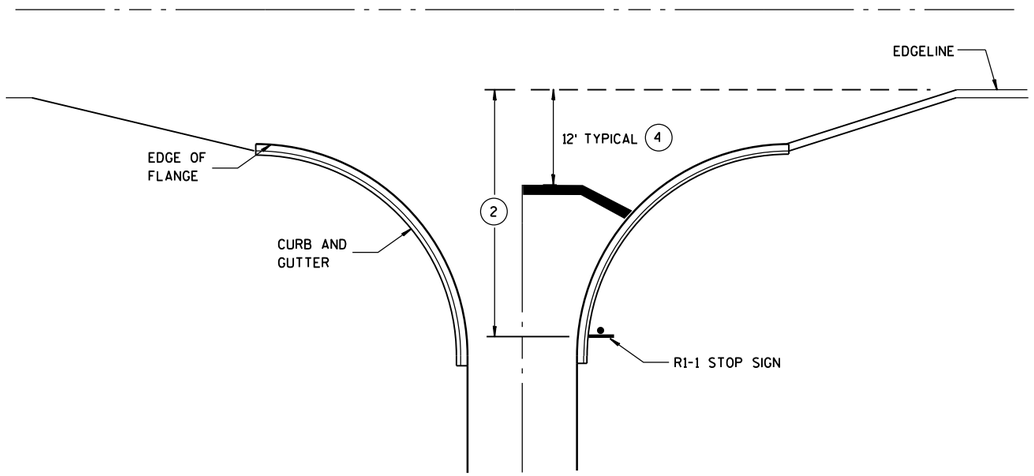
(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

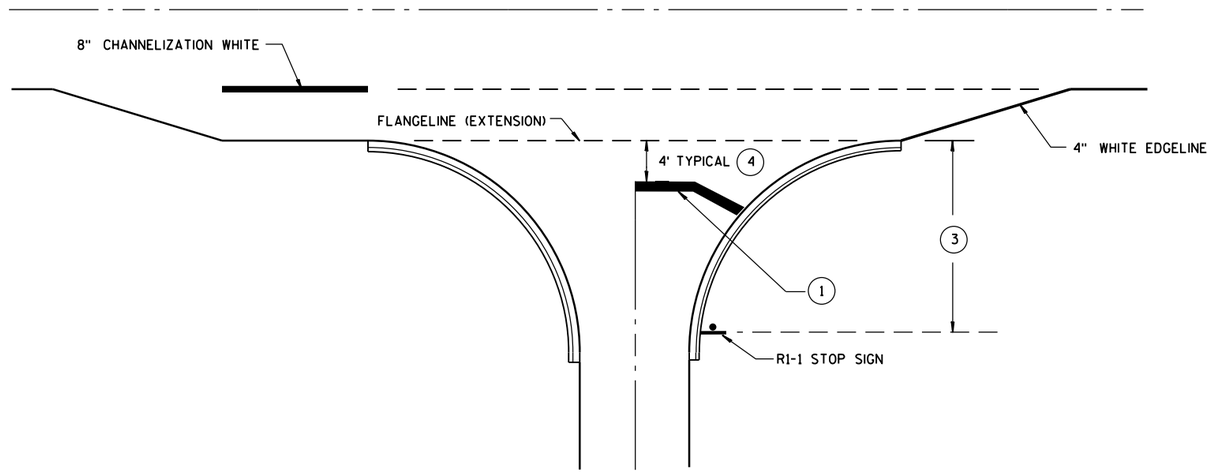
LEGEND

- **V1** LEAD VEHICLE
- **V2** SHADOW VEHICLE
- **V3** TRAIL VEHICLE WITH TMA
- **TMA** TRUCK-MOUNTED ATTENUATOR
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONES
- FLASHING ARROW PANEL (CAUTION)

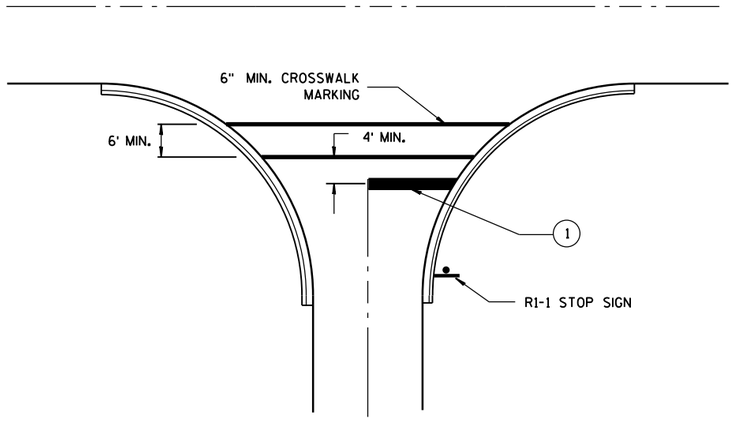
MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
June 2016 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZON SAFETY ENGINE
FHWA	



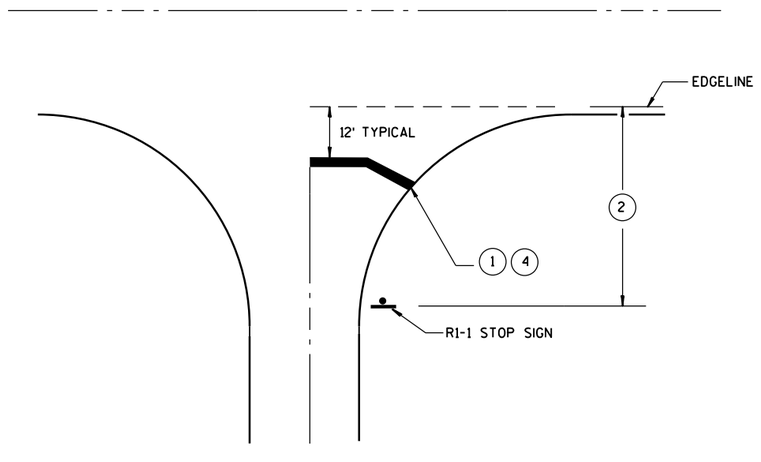
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible]NEER

FHWA

6

S.D.D. 15 C 33-2

GENERAL NOTES

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

TABLE A

SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
S \ W	4	6	8	10	
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

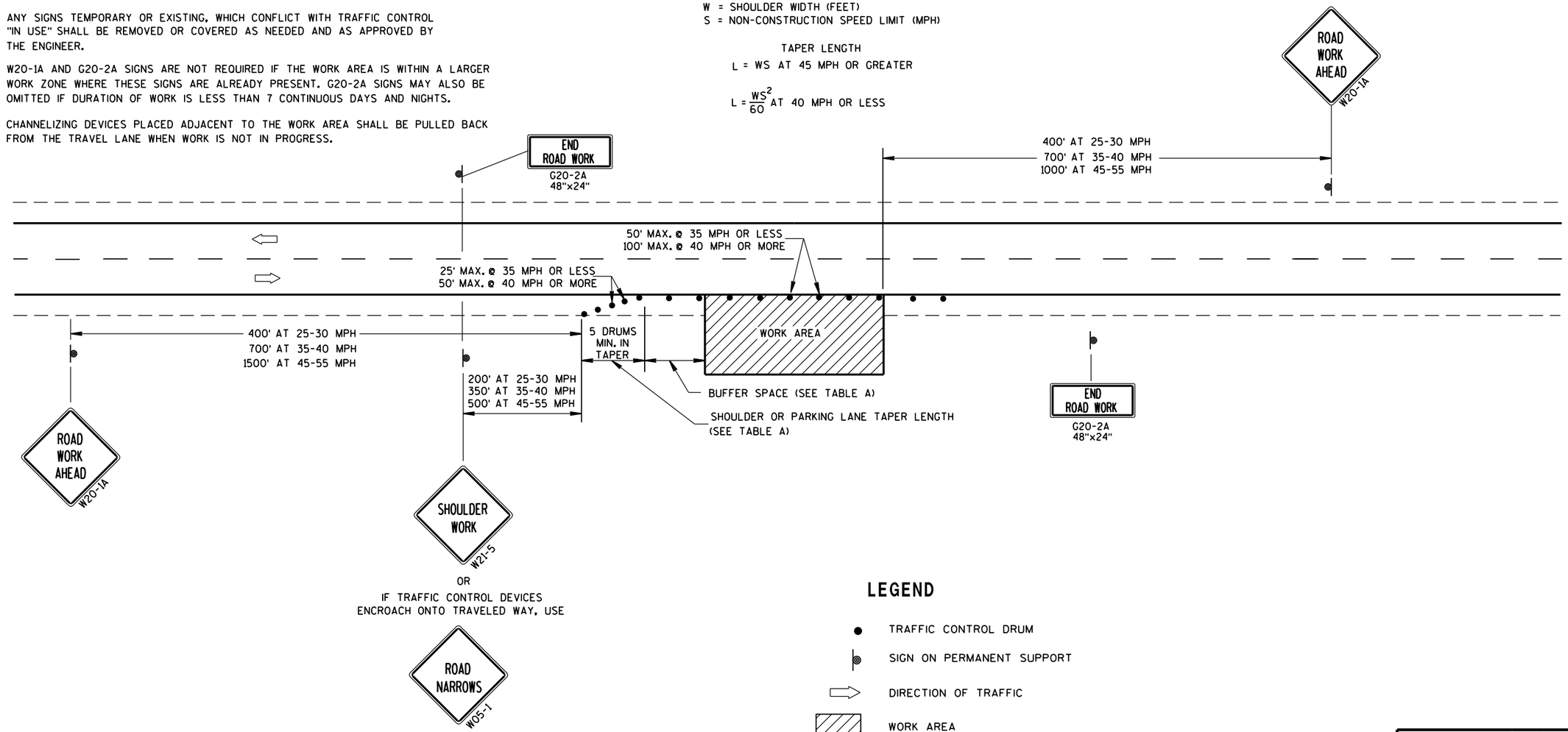
W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

SHOULDER TAPER LENGTH = $\frac{1}{3}L$



LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

July 14, 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]

FHWA

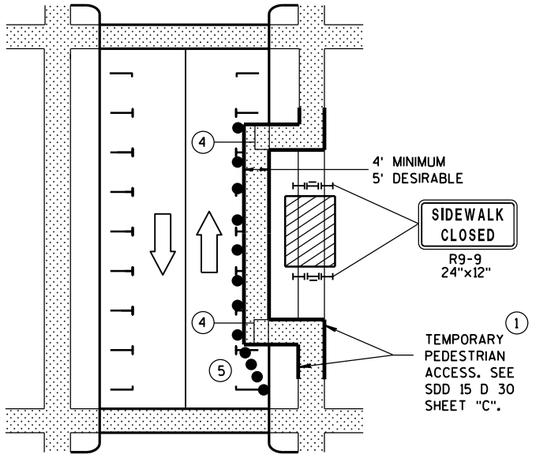
6

S.D.D. 15 D 28-3

6

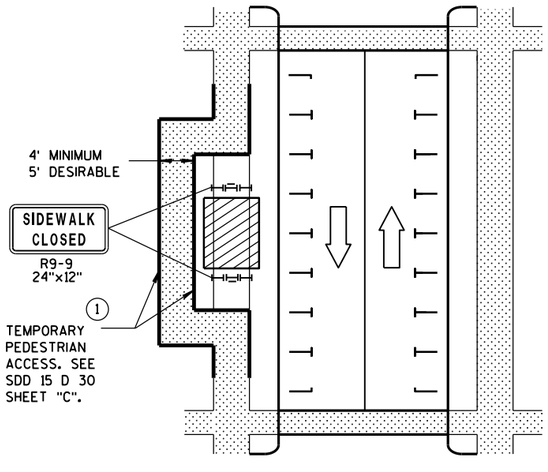
S.D.D. 15 D 28-3

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

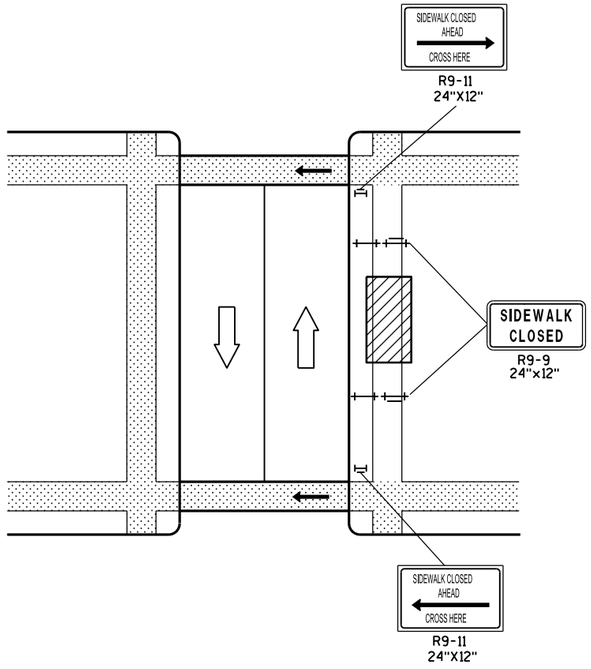


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

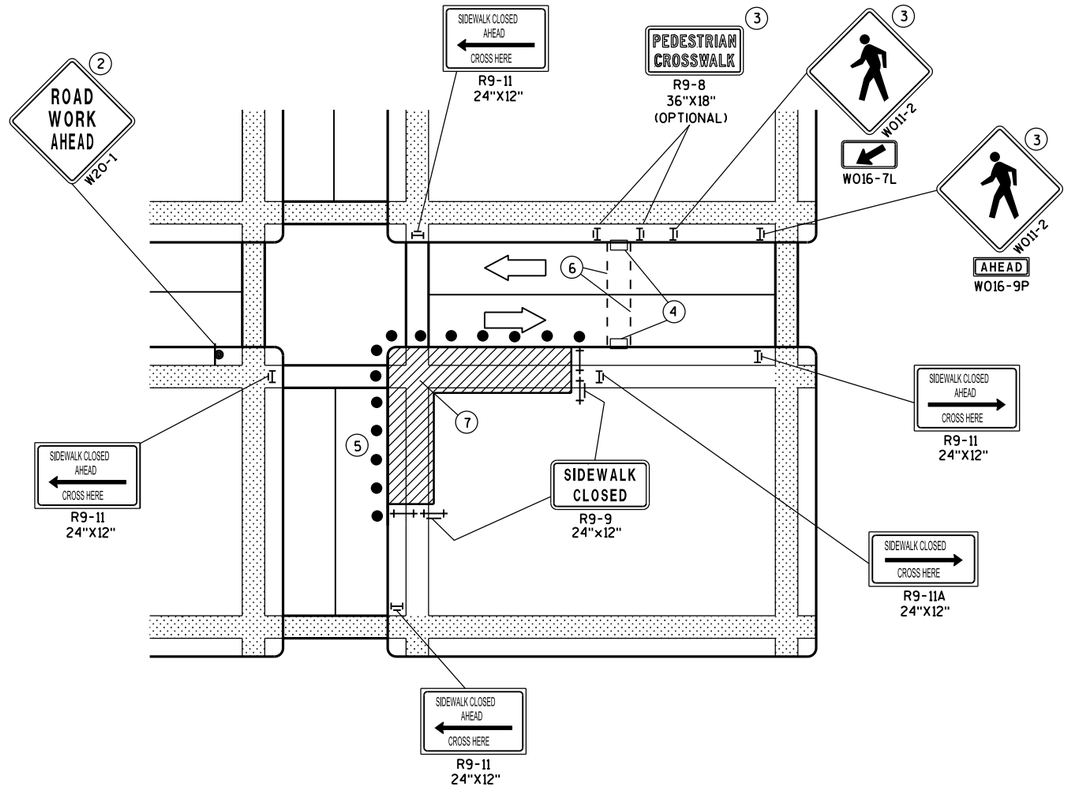
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

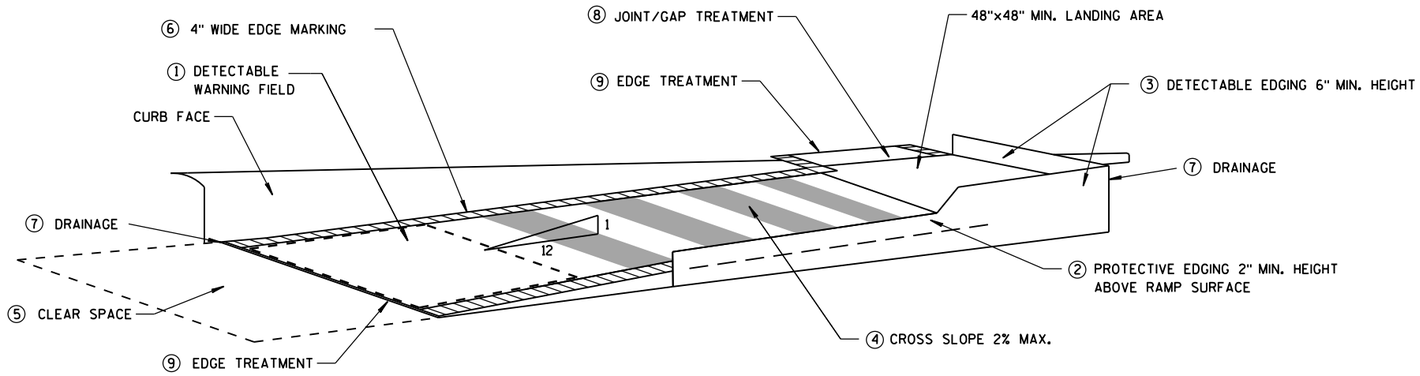
- SIGN ON PERMANENT SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 D 30-3a



TEMPORARY CURB RAMP PARALLEL TO CURB

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".

② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

⑤ CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

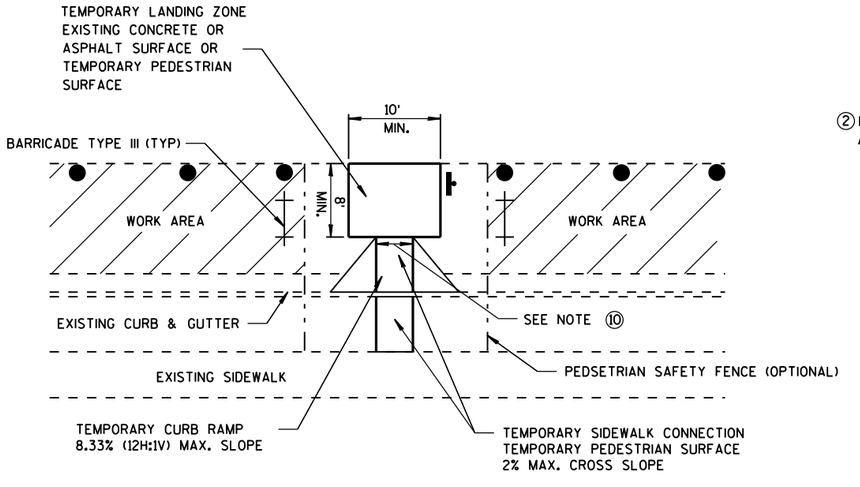
⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.

⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

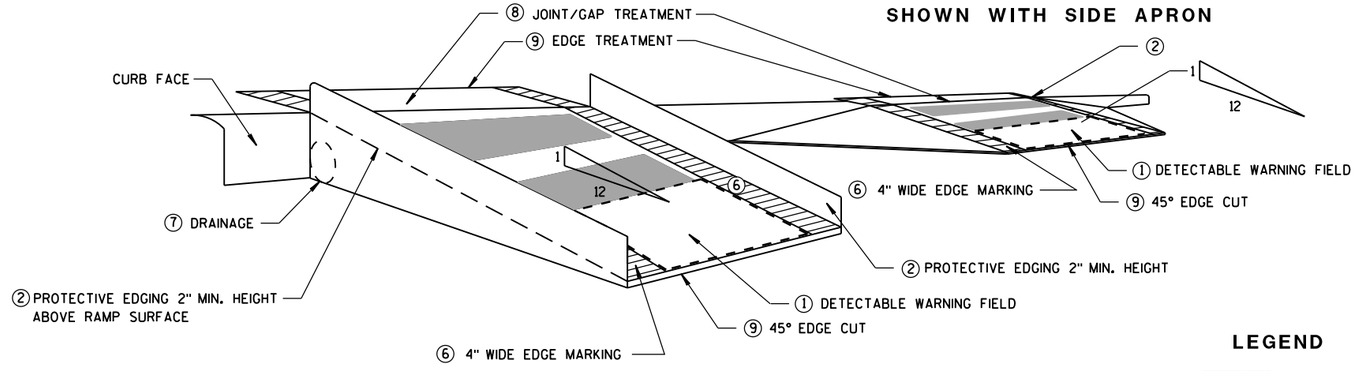
⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

⑩ 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.



TEMPORARY BUS STOP PAD



SHOWN WITH PROTECTIVE EDGE

SHOWN WITH SIDE APRON

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

LEGEND

WORK AREA

TYPE III BARRICADE

TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO SAFETY ENGI IC

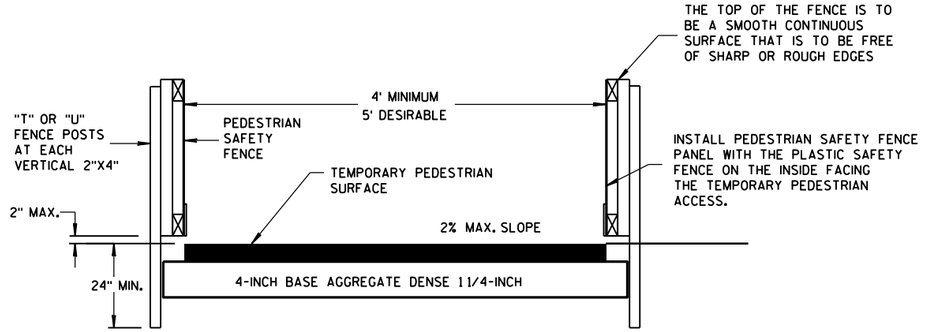
FHWA

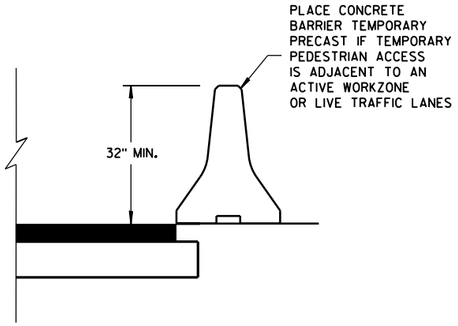
6

S.D.D. 15 D 30-3b

6

S.D.D. 15 D 30-3b

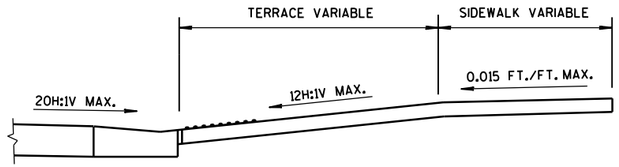




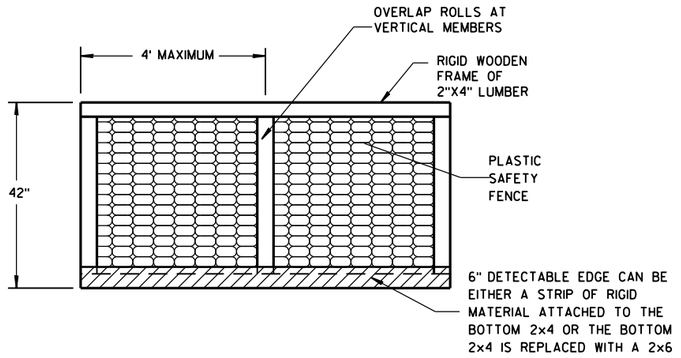
TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

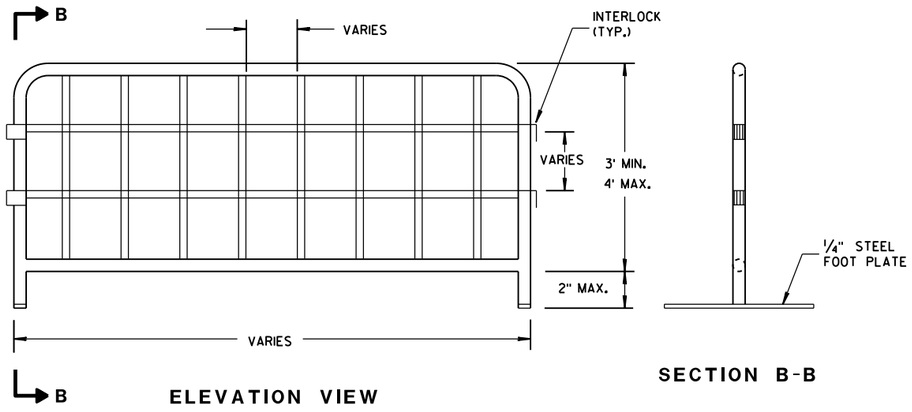
(1) INTERCHANGEABLE WITH THE PEDESTRIAN SAFETY FENCE.



SECTION A-A



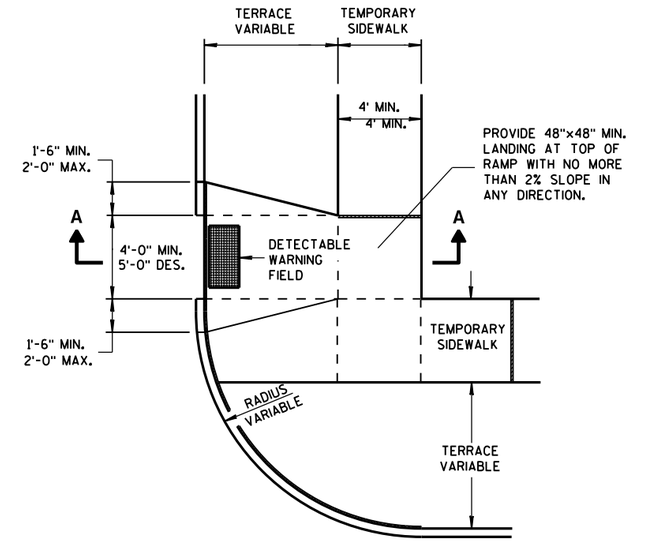
PEDESTRIAN SAFETY FENCE



ELEVATION VIEW

SECTION B-B

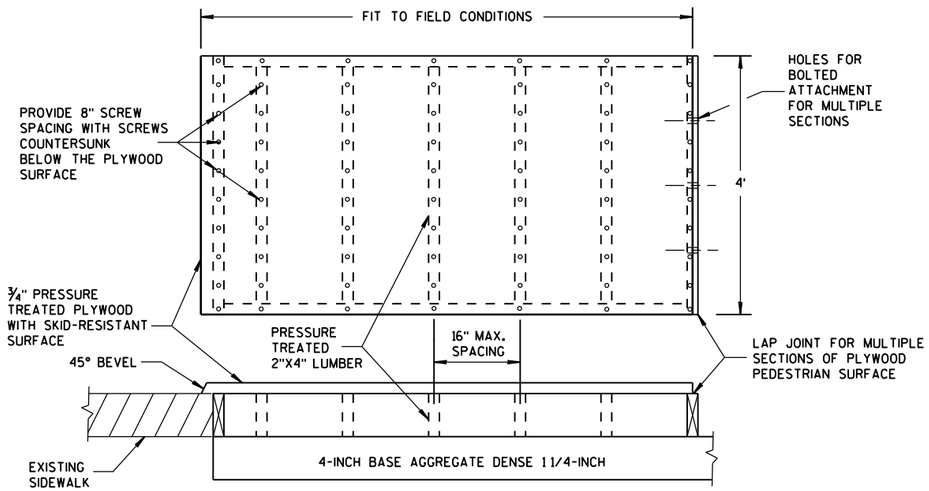
TEMPORARY PEDESTRIAN STEEL BARRICADE (1)



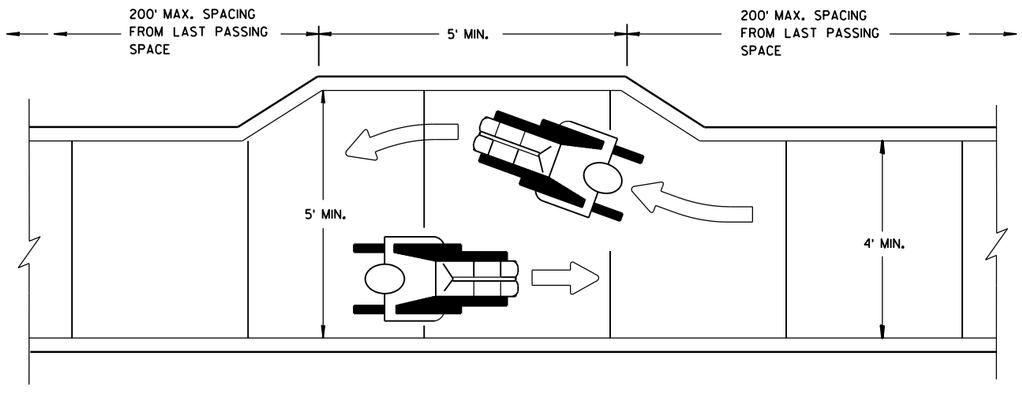
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



NARROW SIDEWALK PASSING DETAIL

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON IC
SAFETY ENGIN
FHWA

6

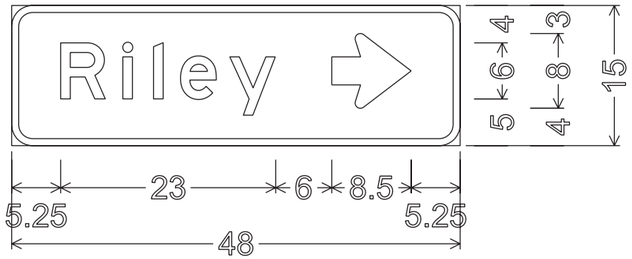
S.D.D. 15 D 30-3c

6

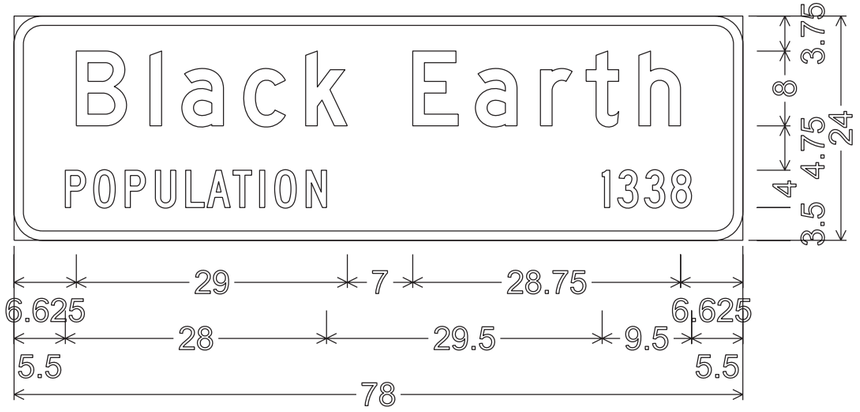
S.D.D. 15 D 30-3c

NOTES

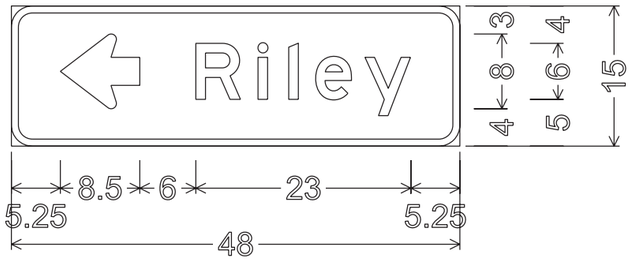
1. All Signs Type II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E except as Shown



2.250" Radius, 0.750" Border, White on Green;
"Riley" E;
Standard Arrow Custom 8.500" X 8.000" 0°;



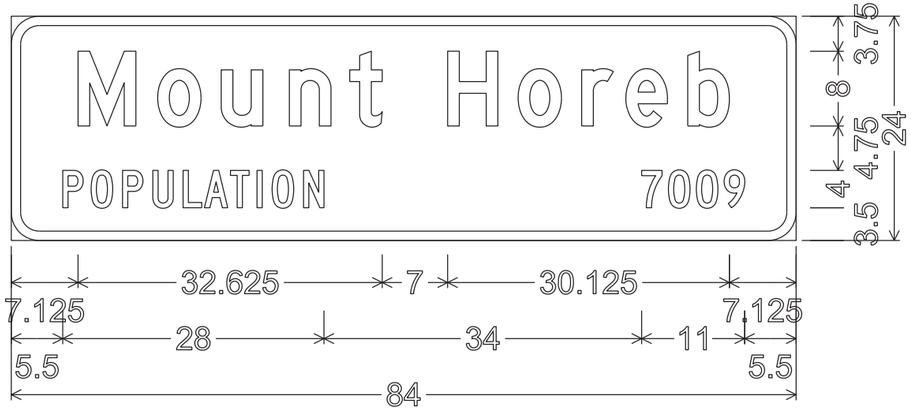
3.000" Radius, 1.000" Border, White on Green;
"Black" D; "Earth" D;
"POPULATION" C 125% spacing; "1338" C;



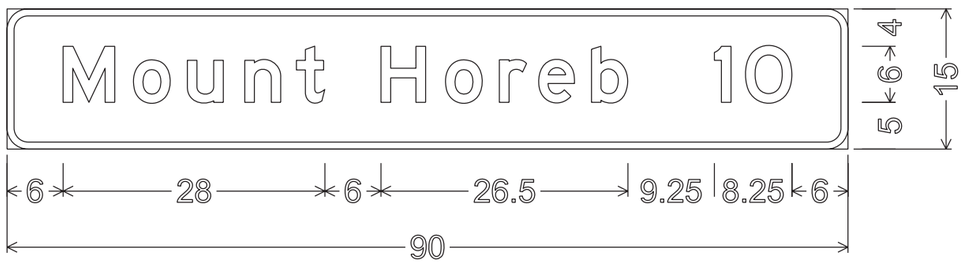
2.250" Radius, 0.750" Border, White on Green;
Standard Arrow Custom 8.500" X 8.000" 180°;
"Riley" E;



2.250" Radius, 0.750" Border, White on Green;
"Black" E; "Earth" E; "10" E;



3.000" Radius, 1.000" Border, White on Green;
"Mount" D; "Horeb" D;
"POPULATION" C 125% spacing; "7009" C;



2.250" Radius, 0.750" Border, White on Green;
"Mount" E; "Horeb" E; "10" E;

7

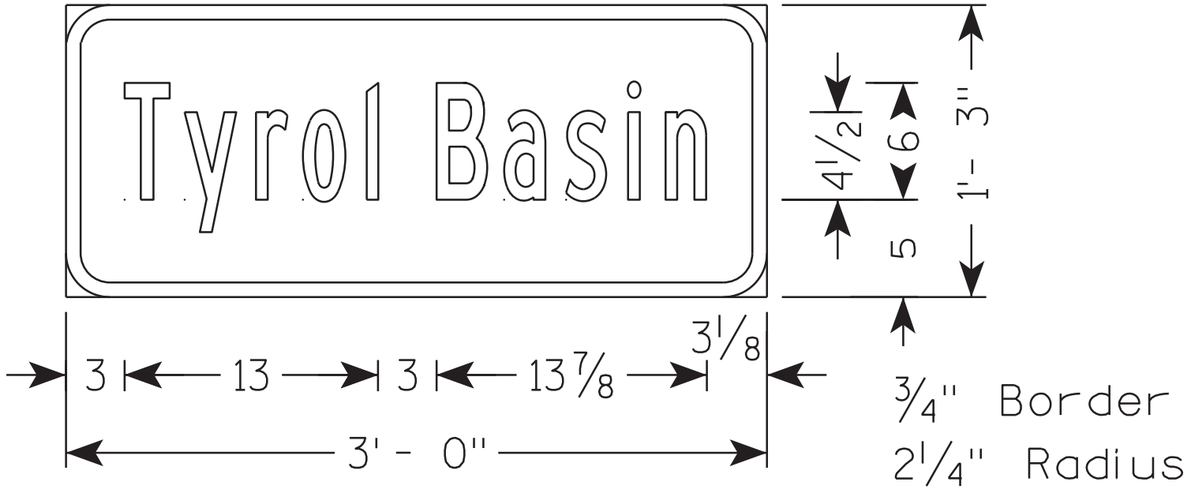
7

PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: DANE	PERMANENT SIGNING	SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_d1\1136A316.dgn PLOT DATE : 24-MAR-2016 13:12 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 15.566735:1.000000
WISDOT/CADDS SHEET 42

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - BROWN
   Message - WHITE
3. Message Series - B



3/4" Border
2 1/4" Radius

D7-82A

7

7

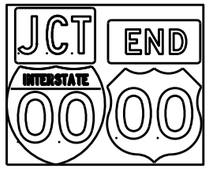
PROJECT NO: 5600-00-60	HWY: STH 78	COUNTY: Dane	PERMANENT SIGNING	SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_d1\Tyrol8.dgn PLOT DATE : 24-MAR-2016 12:47 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 7.783368:1.000000
WISDOT/CADDS SHEET 42

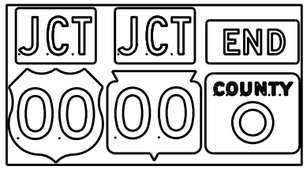
TYPICAL ASSEMBLIES



J1-1



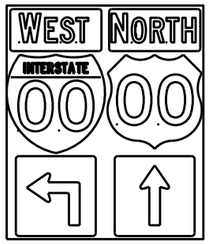
J1-2



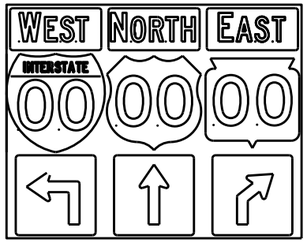
J1-3



J2-1



J2-2

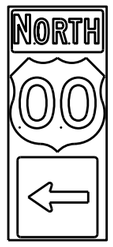


J2-3

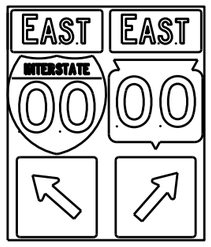


JV

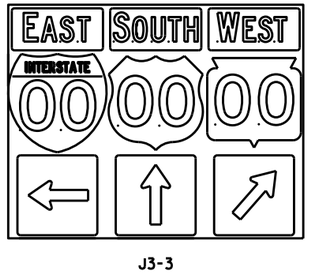
(Typical Vertical J-Assembly
See Note 10 and 11)



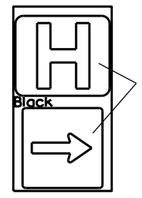
J3-1



J3-2



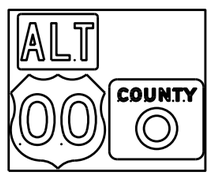
J3-3



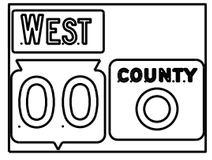
JH-1



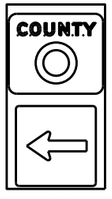
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1

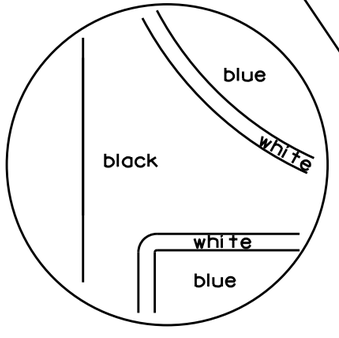


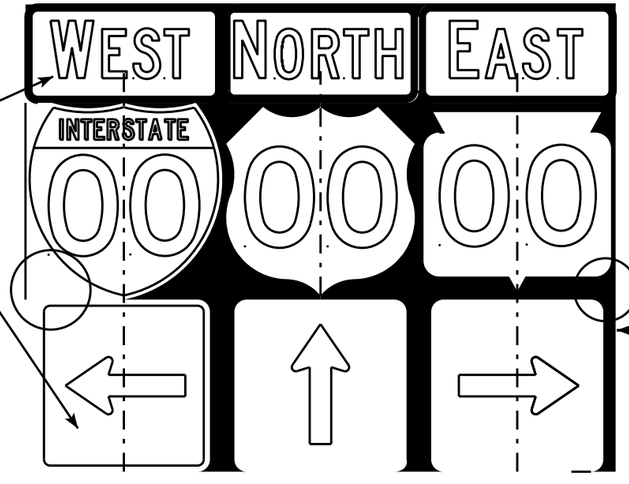
J23-1

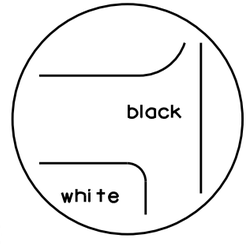


J22-1

blue background
with interstate







black background

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. 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.
7. 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.
8. 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.
9. 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.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

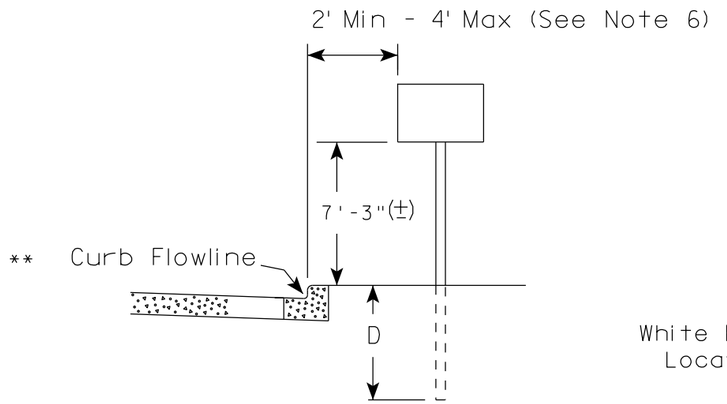
DATE 2/06/14 PL... A2-1S.8

PROJECT NO: | SHEET NO: E

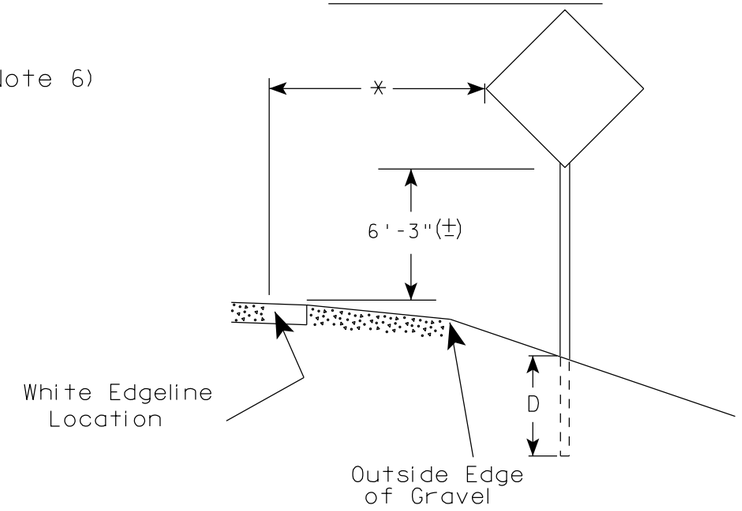
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN PLOT DATE : 06-FEB-2014 14:10 PLOT BY : mscsja PLOT NAME :

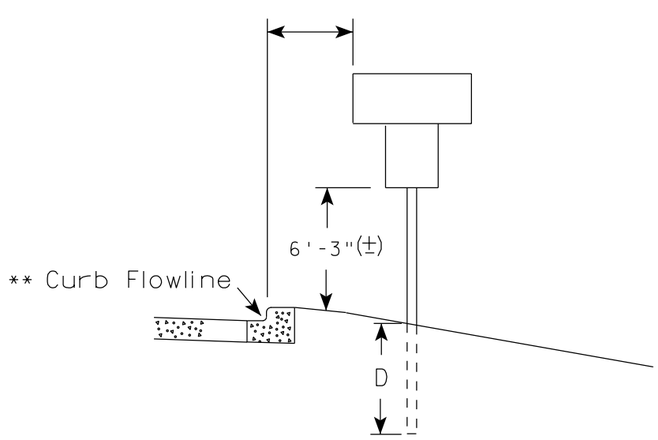
WISDOT/CADDS SHEET 42

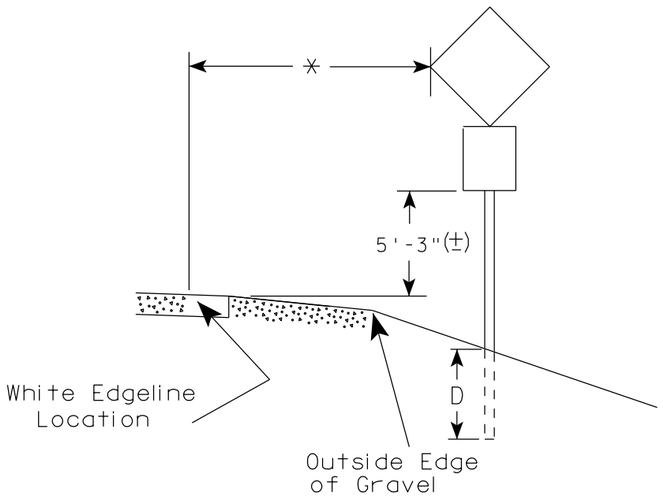
URBAN AREA



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 barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-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" (±).

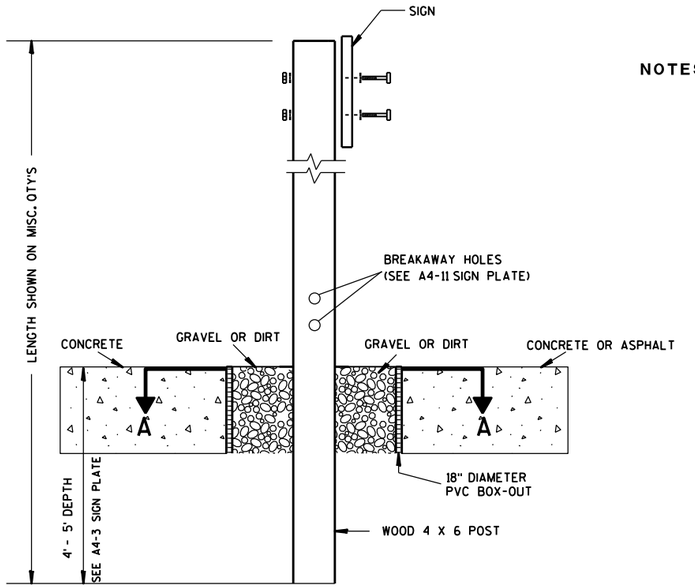
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

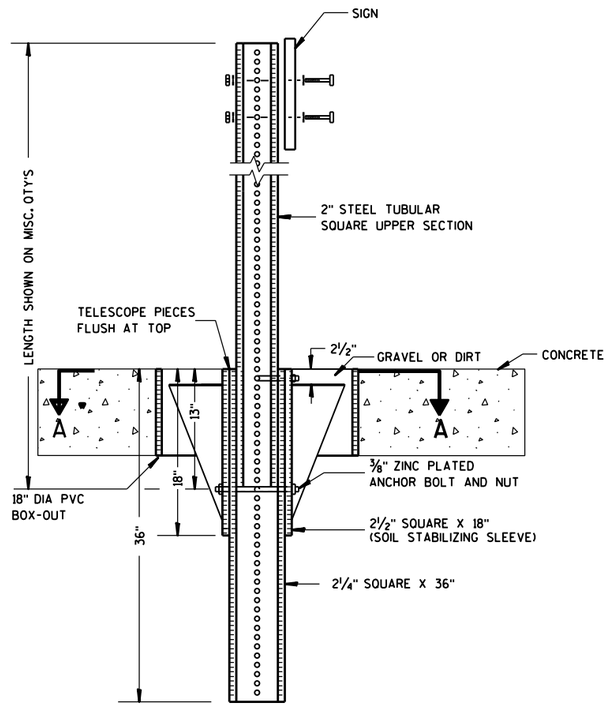
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



ELEVATION VIEW

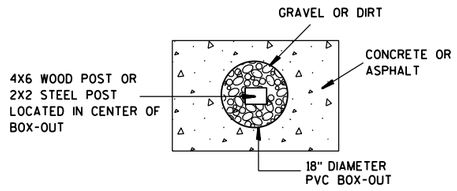
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

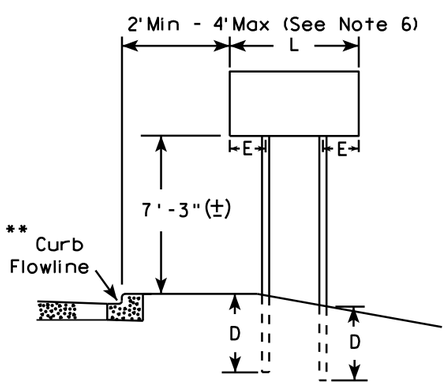
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

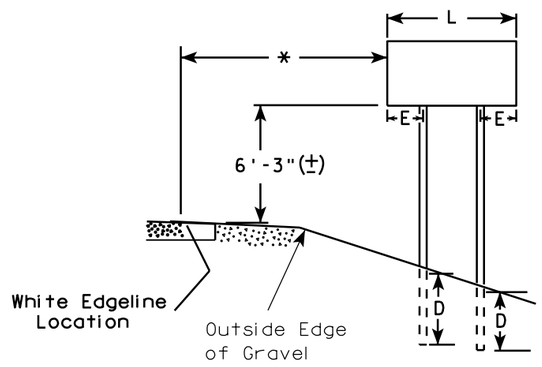
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

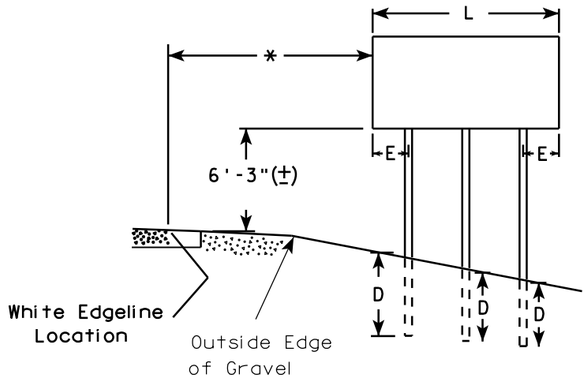
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

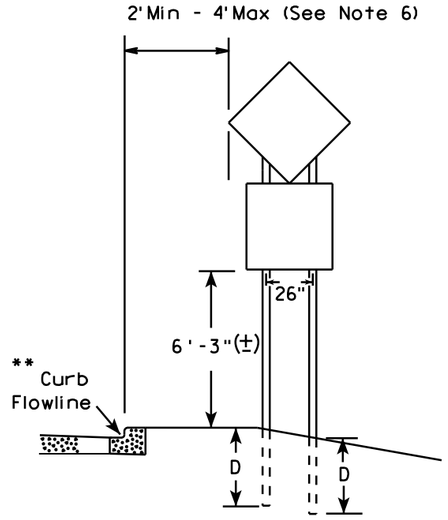
URBAN AREA



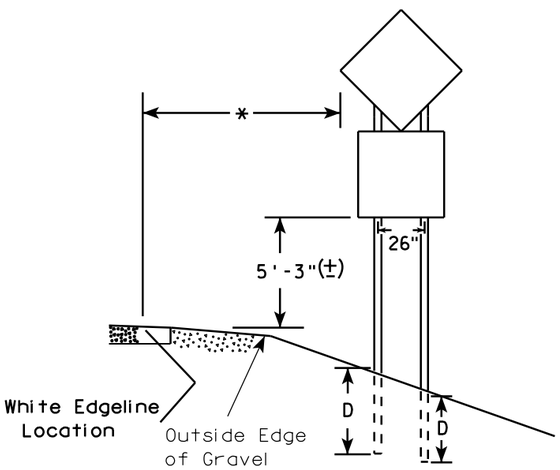
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



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" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
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" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-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" (±).

* 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 120"	L/5

***

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	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

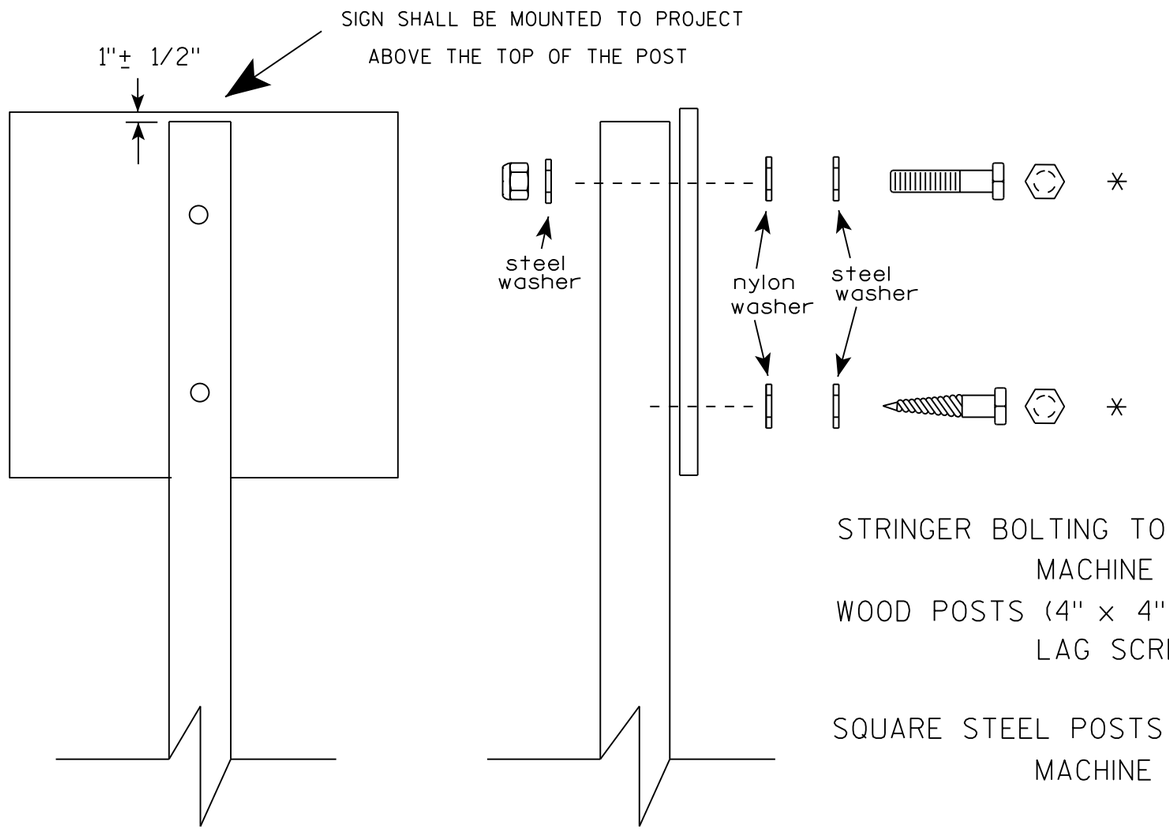
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN PLOT DATE : 23-JUL-2015 15:23 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 107.021305:1.000000 WISDOT/CADDS SHEET 42



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 4" or 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 8/11/16 PLATE NO. A4-8.8

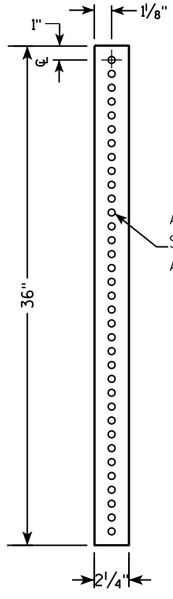
7

PROJECT NO: SHEET NO: E

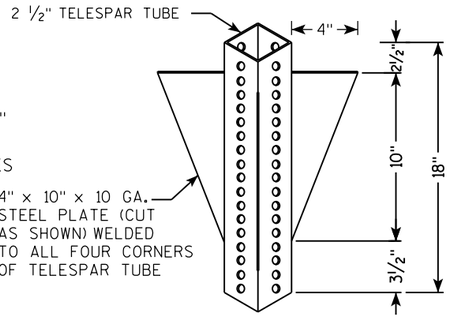
FILE NAME : C:\CADfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : $$ plotuser $$

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

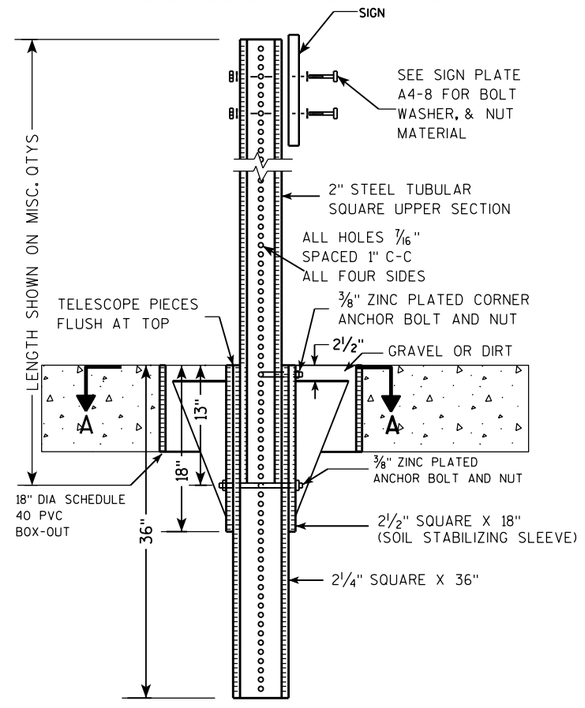
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



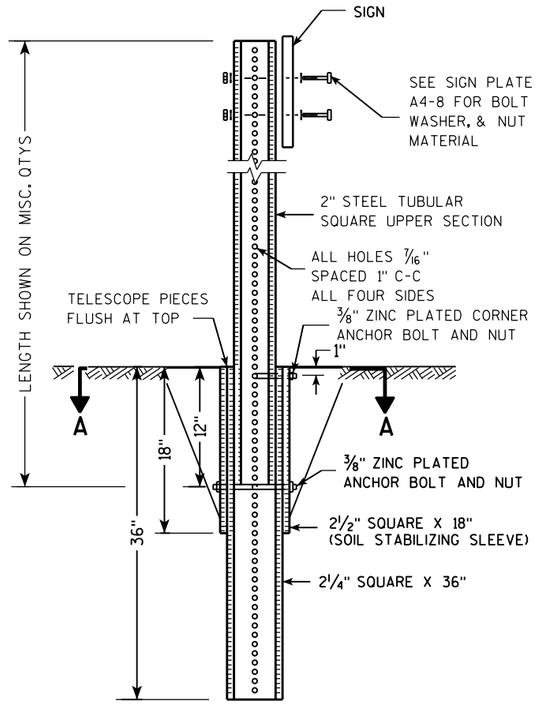
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

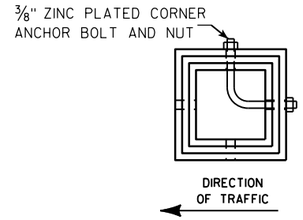


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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

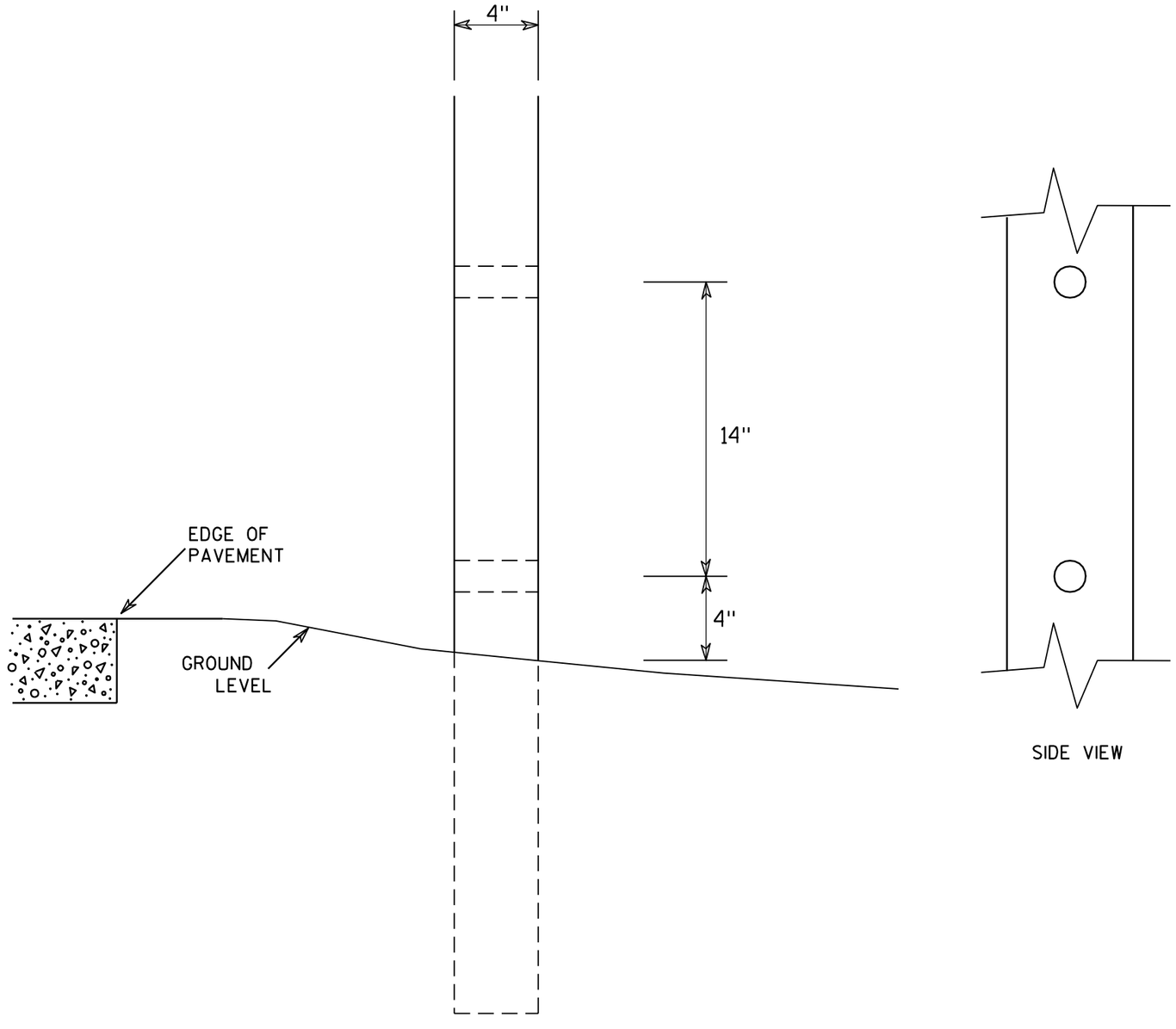
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42



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.

7

7

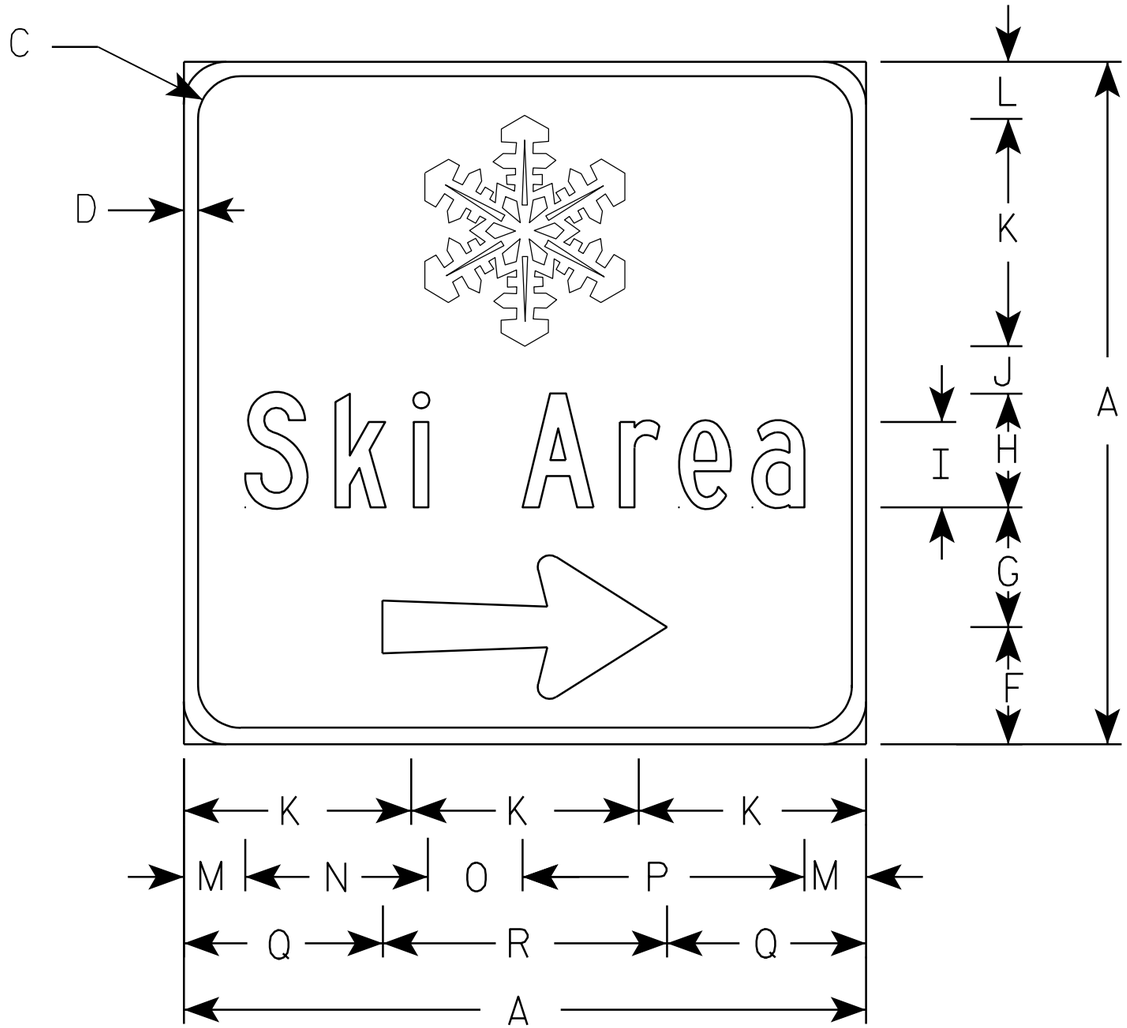
4 X 6 WOOD POST MODIFICATIONS

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: 194	E



D7-82

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BROWN
   Message - WHITE
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.

Metric equivalent for this sign is:

SIZE	
1	
2	900 mm X 900 mm
3	
4	
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.	Area m2
1																												
2	36		2 1/4	3/4		6 1/4	6 3/8	6	4 1/2	2 1/2	12	3	3 1/4	9 5/8	5	14 7/8	10 1/2	15									9.0	0.81
3																												
4																												
5																												

STANDARD SIGN
D7-82

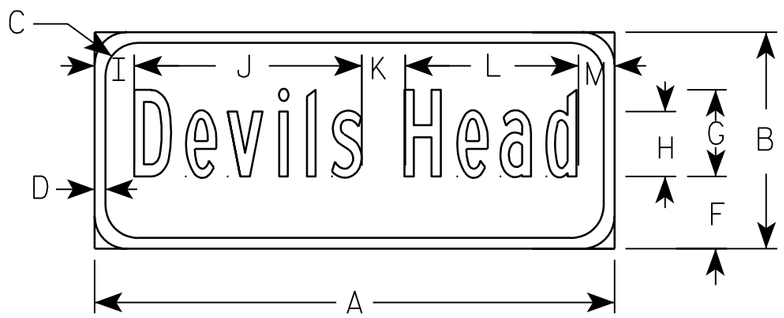
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/04/05 PLATE NO. D7-82.1

PROJECT NO:

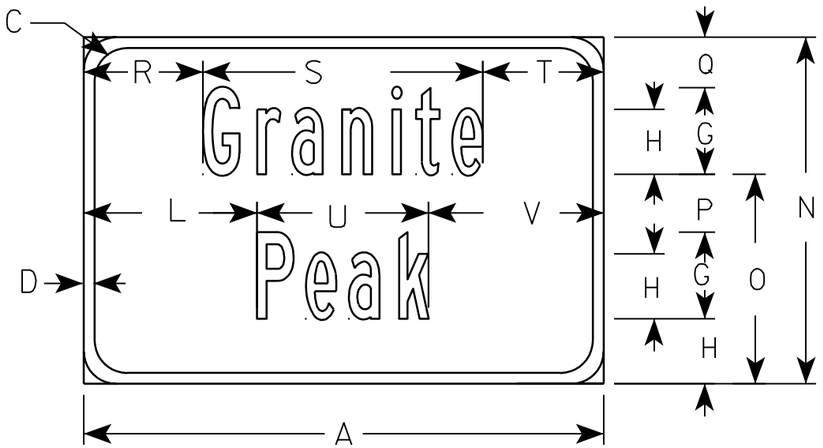
SHEET NO: 195 E



D7-82A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BROWN
   Message - WHITE
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.



D7-82B

7

7

Metric equivalent for this sign is:

SIZE	D7-82A
1	
2	900 mm X 375 mm
3	
4	
5	

Metric equivalent for this sign is:

SIZE	D7-82B
1	
2	900 mm X 600 mm
3	
4	
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	D7-82A Area sq. ft.	D7-82A Area m2	D7-82B Area sq. ft.	D7-82B Area m2
1																														
2	36	15	2 1/4	3/4		5	6	4 1/2	2 3/4	15 3/4	3	12	2 1/2	24	14 1/2	4	3 1/2	8 1/4	19 3/8	8 3/8	11 7/8	12 1/8					3.75	0.33	6.0	0.54
3																														
4																														
5																														

STANDARD SIGN
D7-82A&B

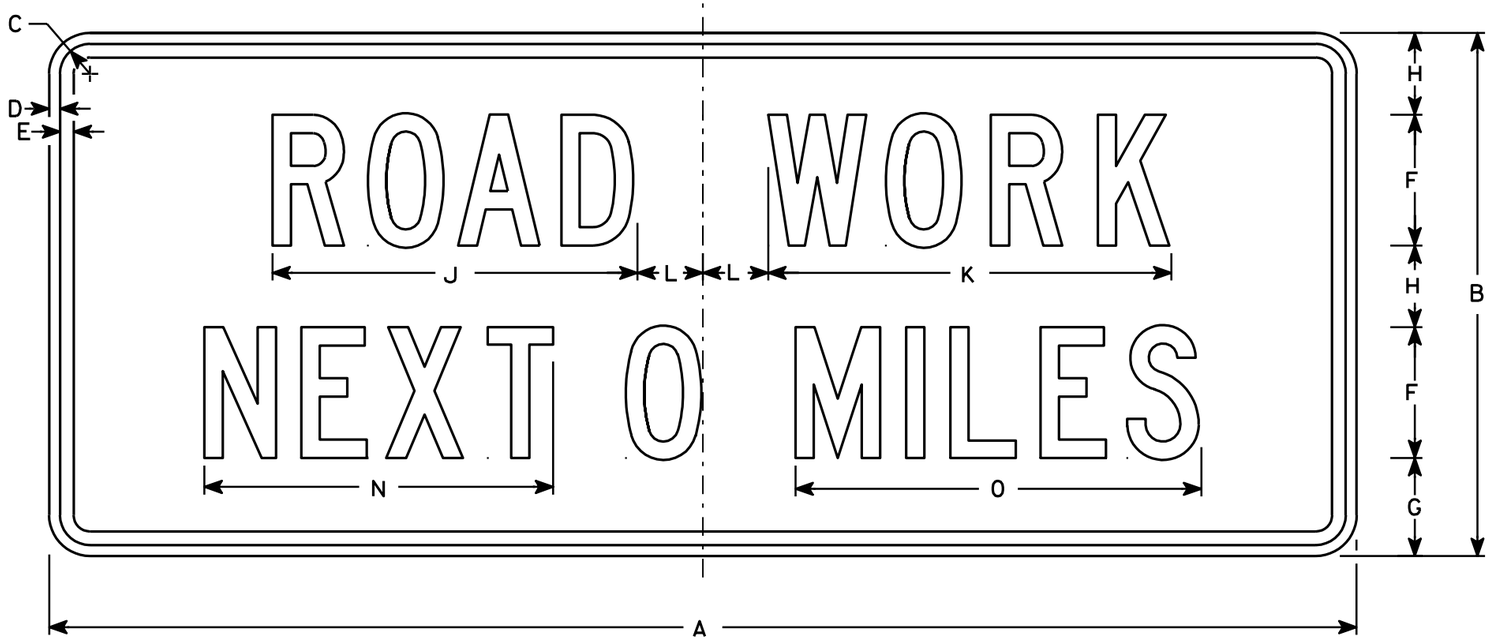
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/07/05 PLATE NO. D7-82A&B.1

PROJECT NO:

SHEET NO: 196 E



G20-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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 and optically adjust spacing to achieve proper balance

Metric equivalent for this sign is:

SIZE	
1	
2	1500 mm X 600 mm
3	
4	1500 mm X 600 mm
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.	Area m2
1																												
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10	.90
3																												
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10	.90
5																												

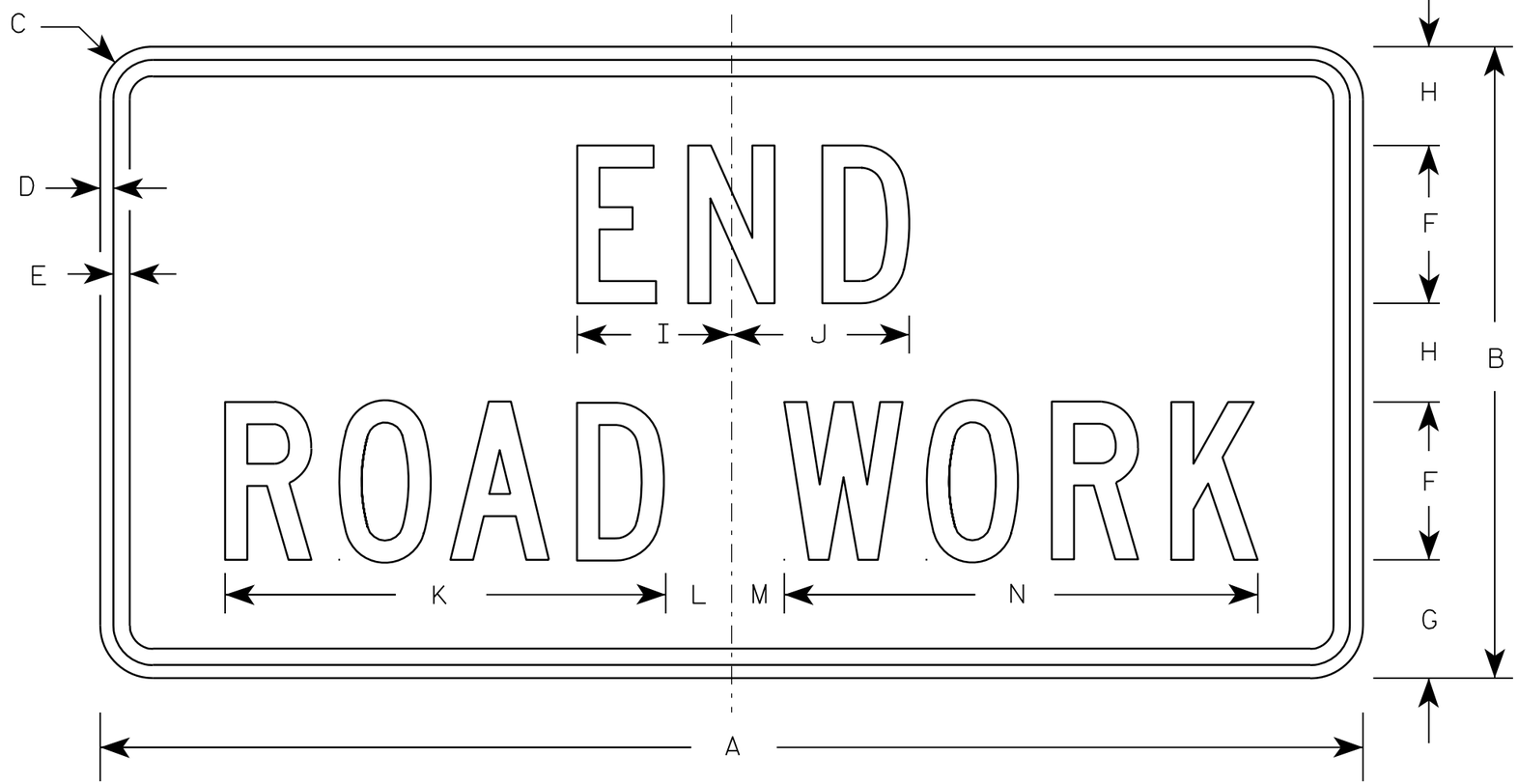
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spray for State Traffic Engineer

DATE 4/8/97 PLATE NO. G20-1.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 197	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

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.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 198	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\G202A.DGN PLOT DATE : 30-SEP-2009 09:31 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 5.561773:1.000000

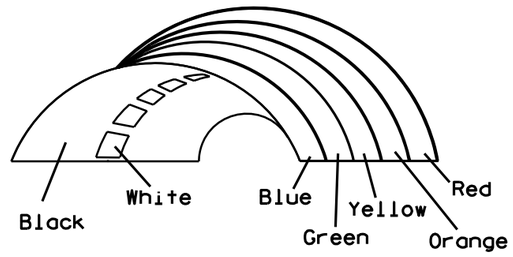
7



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - (See Note 5)
3. Message Series - (See Note 6)
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. Border - Blue
   Line 1 - Red
   Line 2 - Black
   Line 3-5 - Blue
6. Line 1 - Dutch 8011L
   Line 2 - Series E
   Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

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	30	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

STANDARD SIGN
I55-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

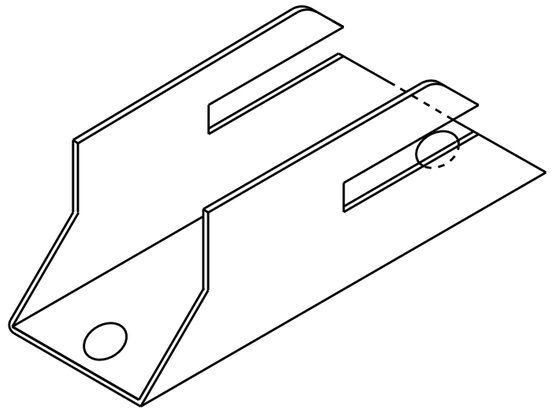
DATE 4/27/11 PLATE NO. 155-56.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 199

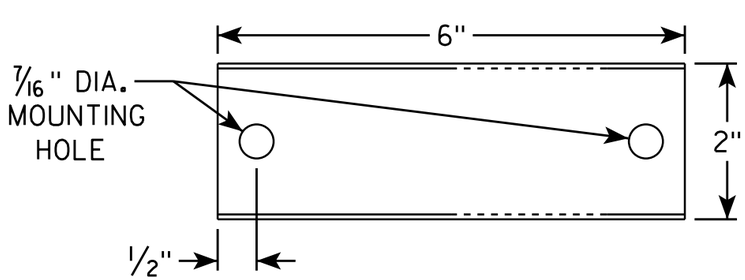
NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

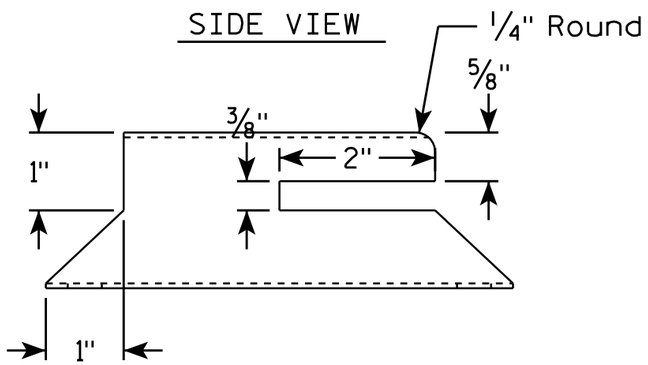
ISOMETRIC VIEW



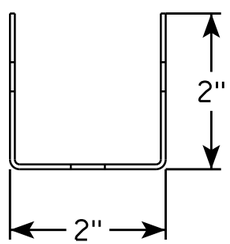
TOP VIEW



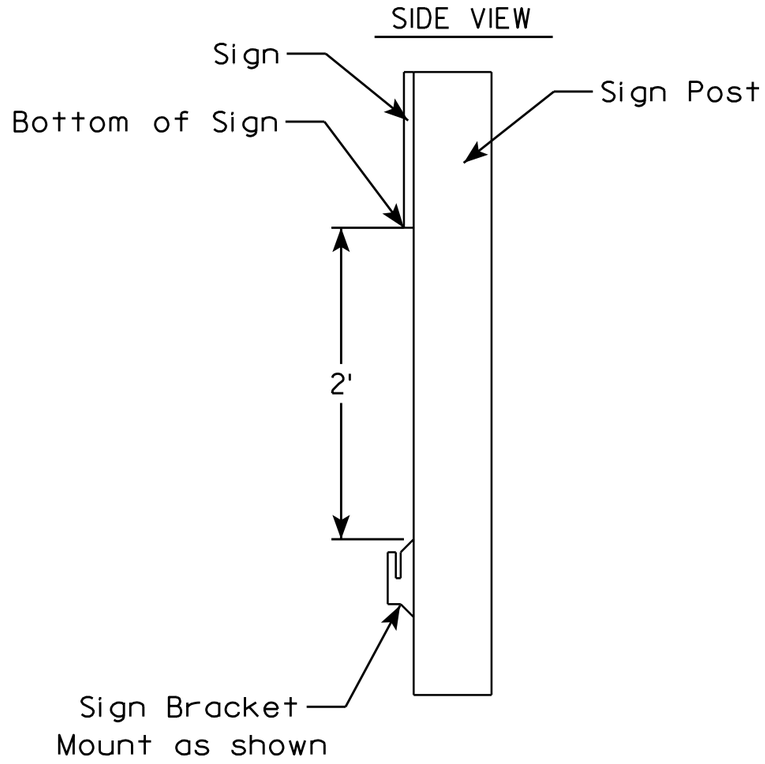
SIDE VIEW



END VIEW



SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

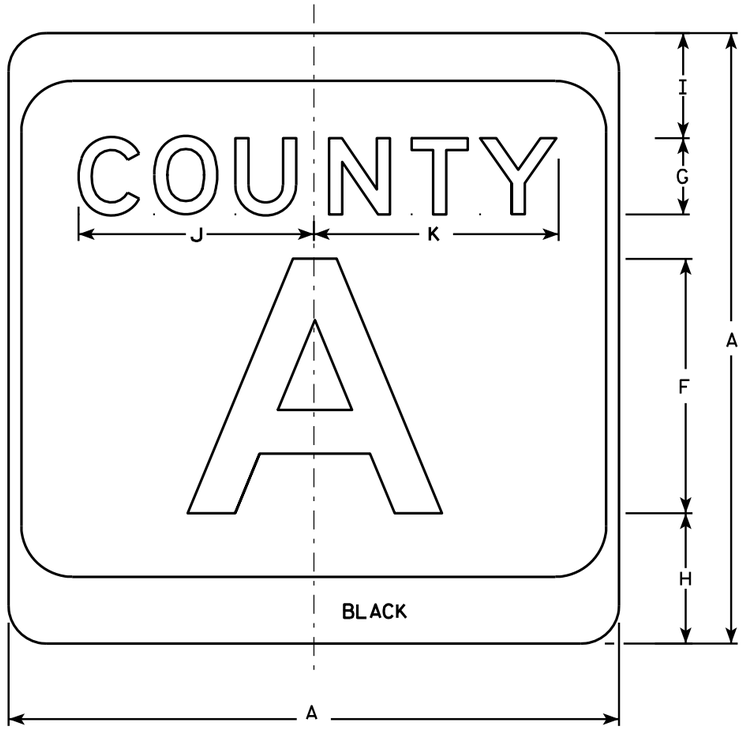
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

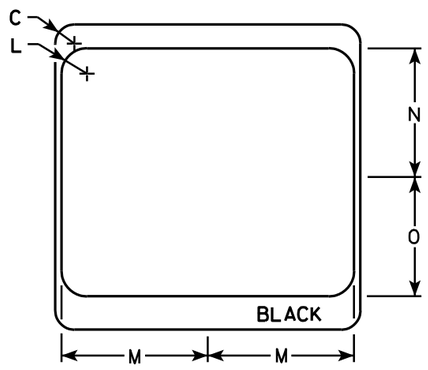
DATE 4/26/16 PLATE I55-56B.2

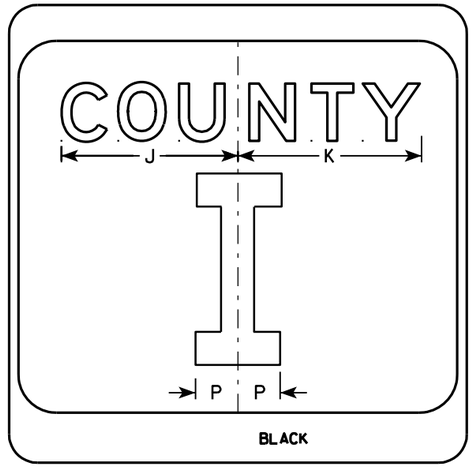
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

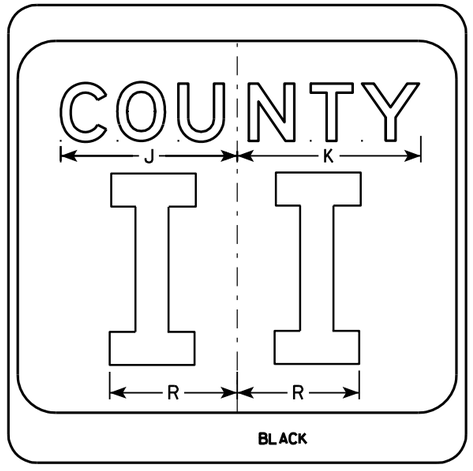
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   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. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

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			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

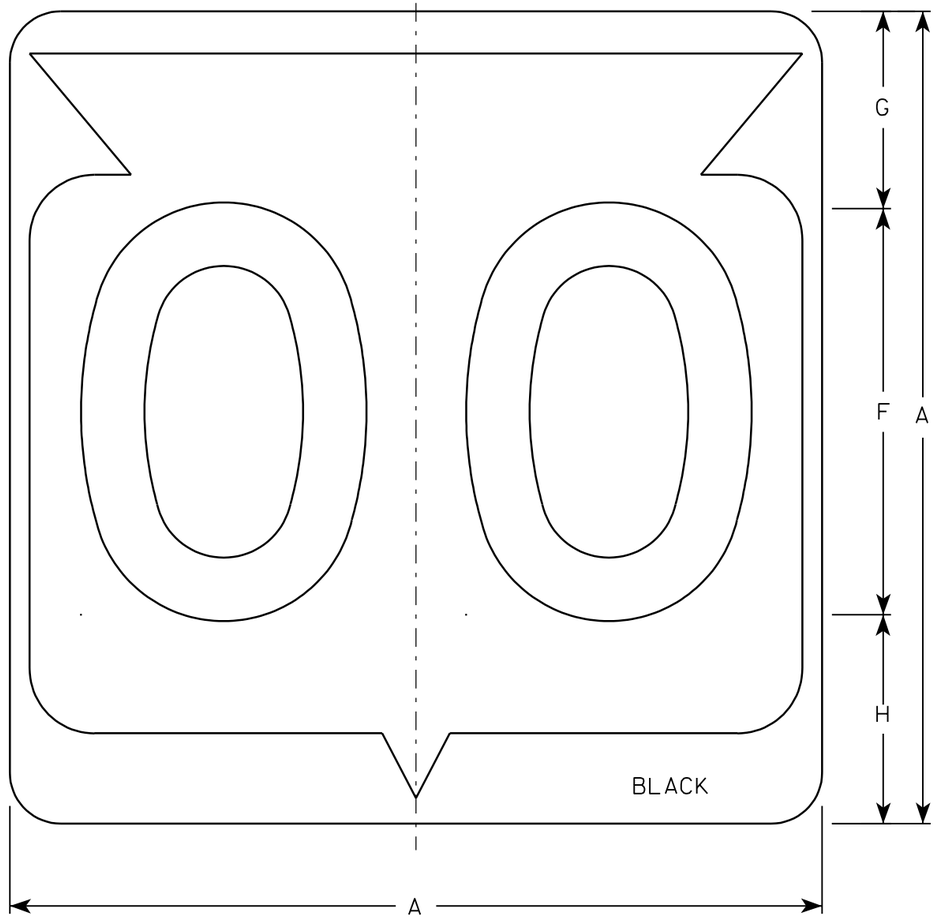
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

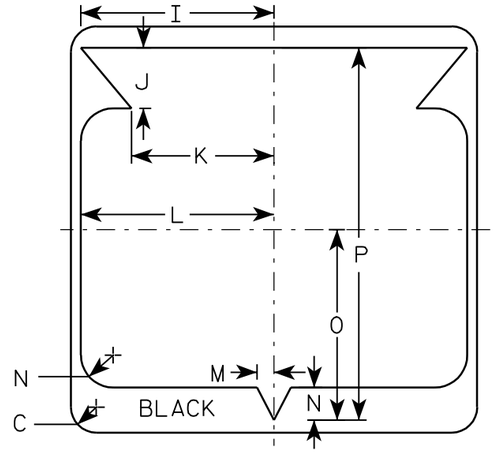
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 201	E



M1-6

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 6
   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. Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
6. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective



Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

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.	Area m2
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	.36
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	.81
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	.81
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	.81

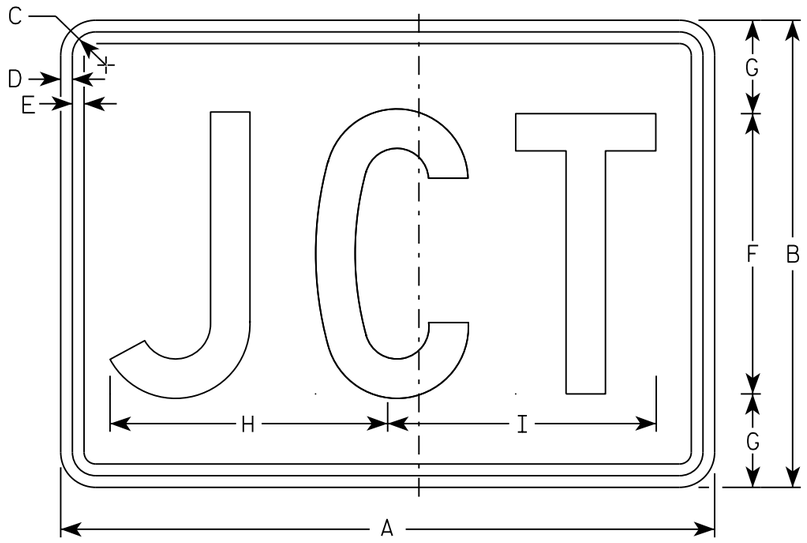
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

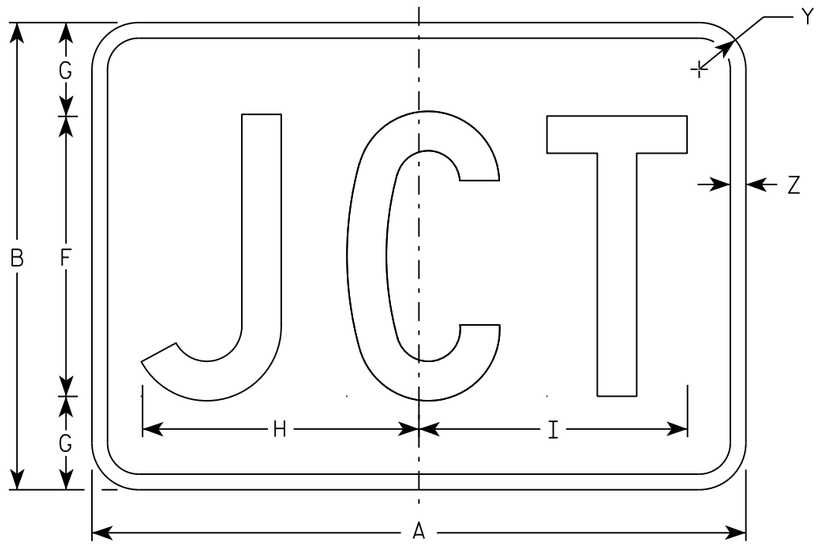
APPROVED Chester J Spang for State Traffic Engineer

DATE 3/20/02 PLATE NO. M1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 202	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H
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. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - 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																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN
M2-1

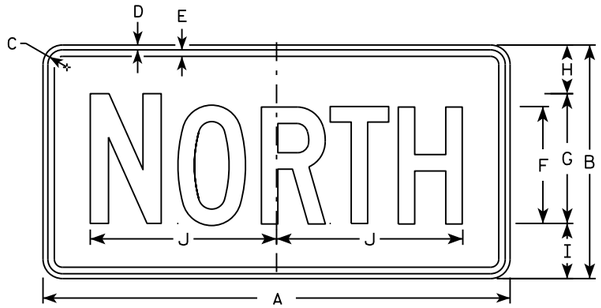
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

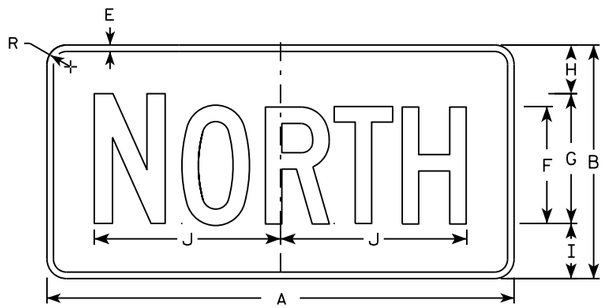
DATE 10/15/15 PLATE 203 12-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000



M3-1
MM3-1
MP3-1



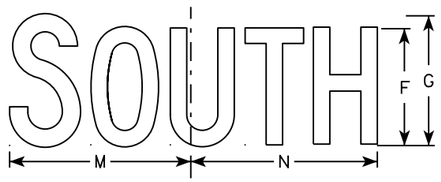
MB3-1
MK3-1
MN3-1



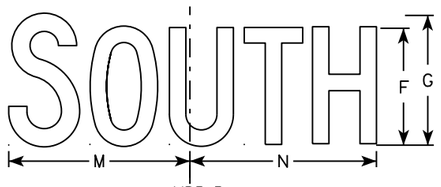
M3-2
MM3-2
MP3-2



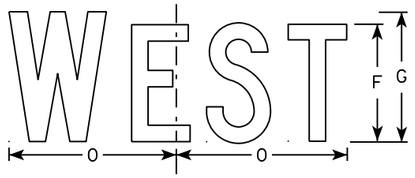
MB3-2
MK3-2
MN3-2



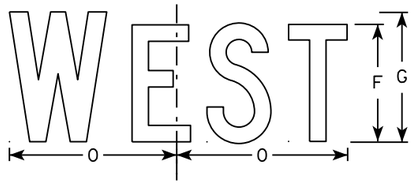
M3-3
MM3-3
MP3-3



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
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																											
2	24	12	1 1/8	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			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

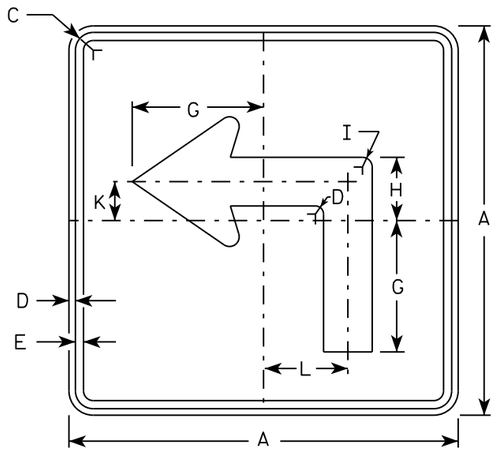
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

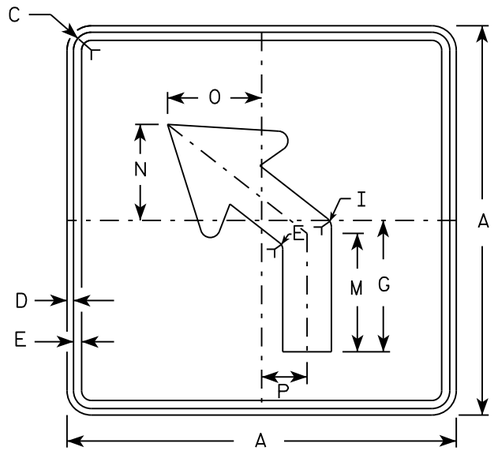
DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

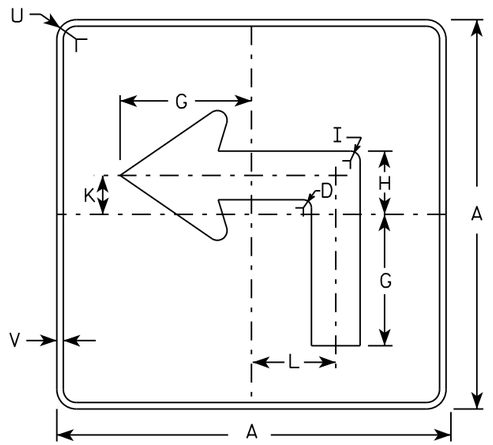
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



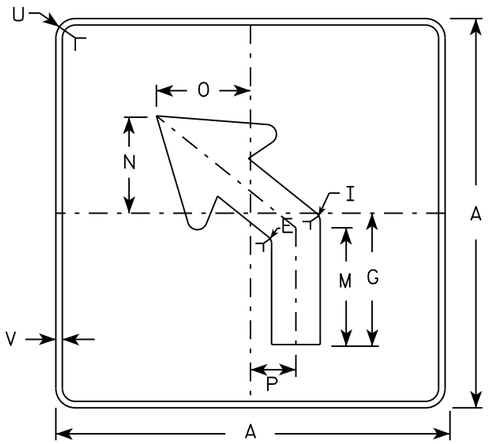
M5-1L
MM5-1L
MO5-1L
MP5-1L



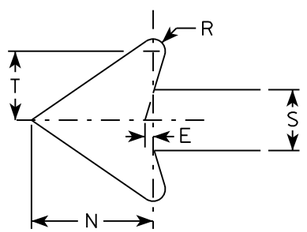
M5-2L
MM5-2L
MO5-2L
MP5-2L



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 - Type H Reflective
   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.

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	21		1 1/8	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 1/2	1/2					3.06
3	30		1 3/8	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 7/8	1/2					6.25
4	30		1 3/8	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 7/8	1/2					6.25
5	30		1 3/8	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 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

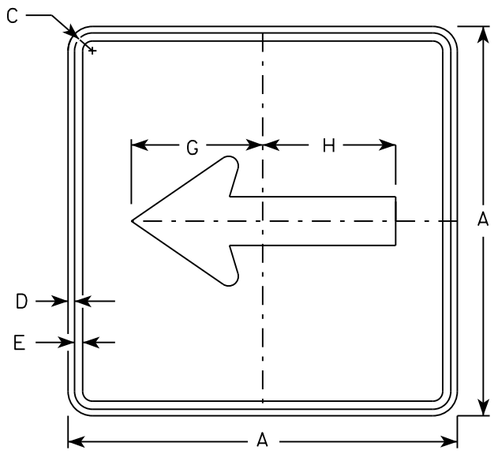
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

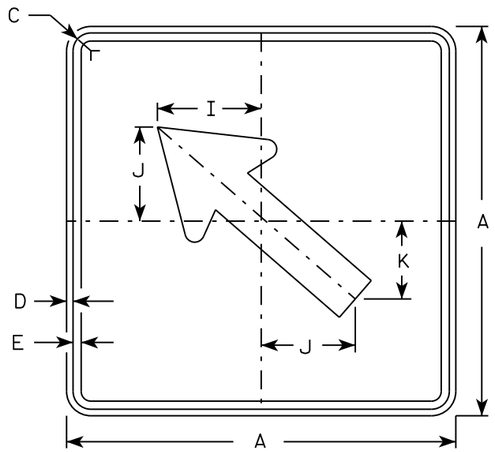
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



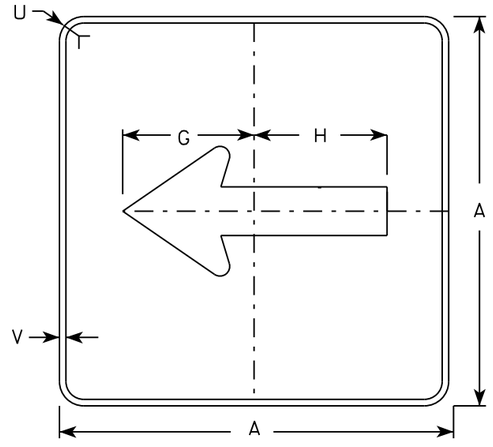
M6-1
MM6-1
MO6-1
MP6-1



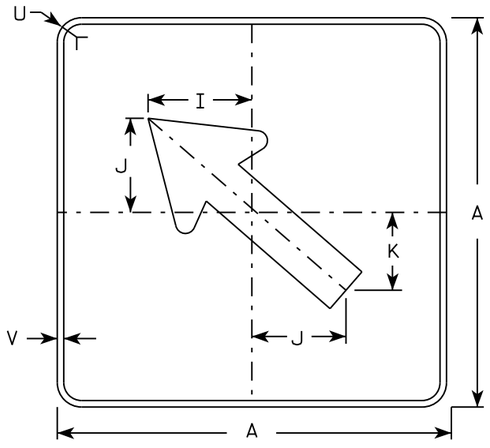
M6-2
MM6-2
MO6-2
MP6-2

NOTES

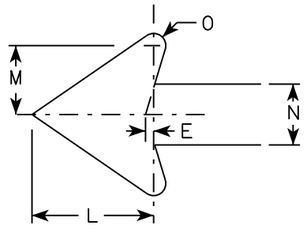
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - 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



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



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	21		1 1/8	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 1/2	1/2						3.06
3	30		1 3/8	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 7/8	1/2						6.25
4	30		1 3/8	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 7/8	1/2						6.25
5	30		1 3/8	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 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

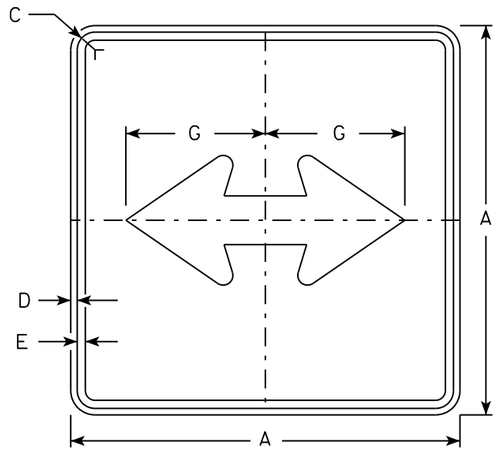
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

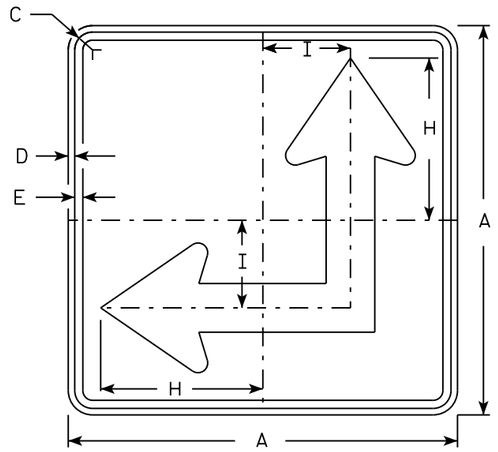
DATE 10/15/15 PLATE 206 M6-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



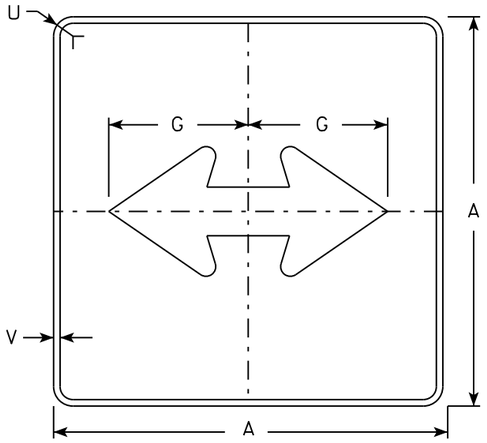
M6-4
MM6-4
MO6-4
MP6-4



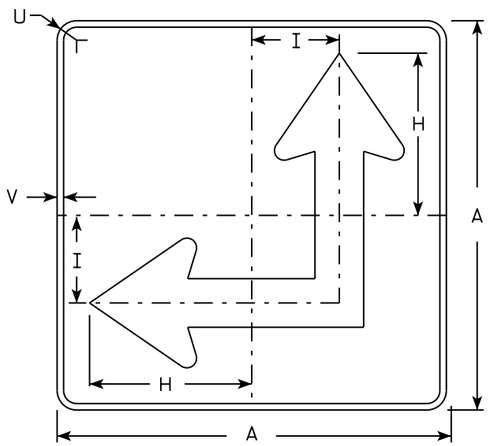
M6-6
MM6-6
MO6-6
MP6-6

NOTES

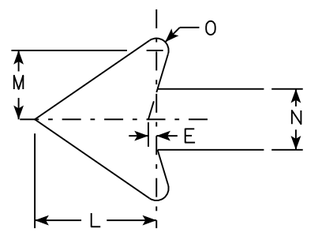
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



MB6-4
MK6-4
MN6-4
MR6-4



MB6-6
MK6-6
MN6-6
MR6-6



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	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN
M6-4 & M6-6
SERIES

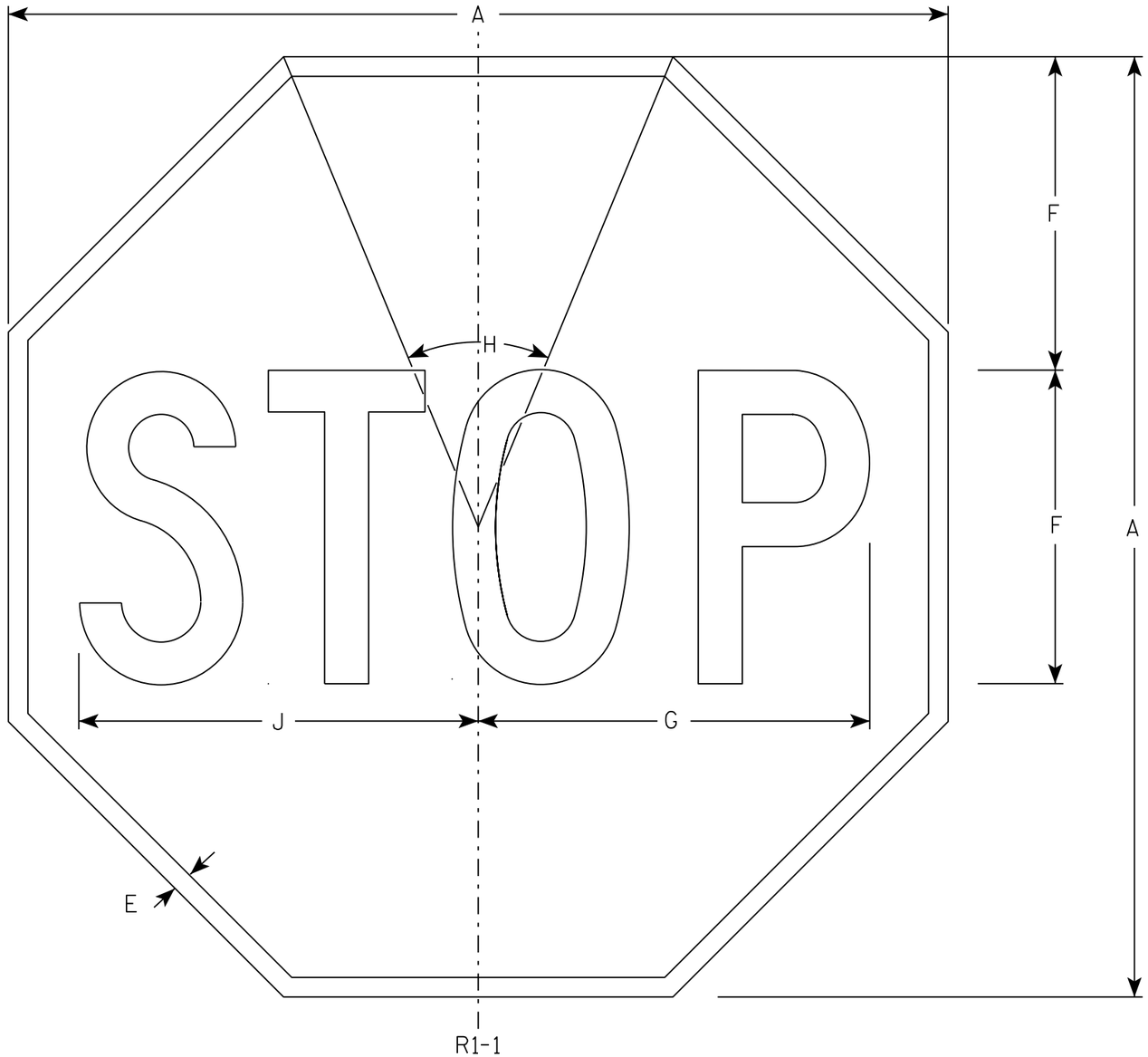
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 207 M6-4.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M64.DGN PLOT DATE : 01-DEC-2015 17:58 PLOT BY : $$ platuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



R1-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message 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	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN
R1-1

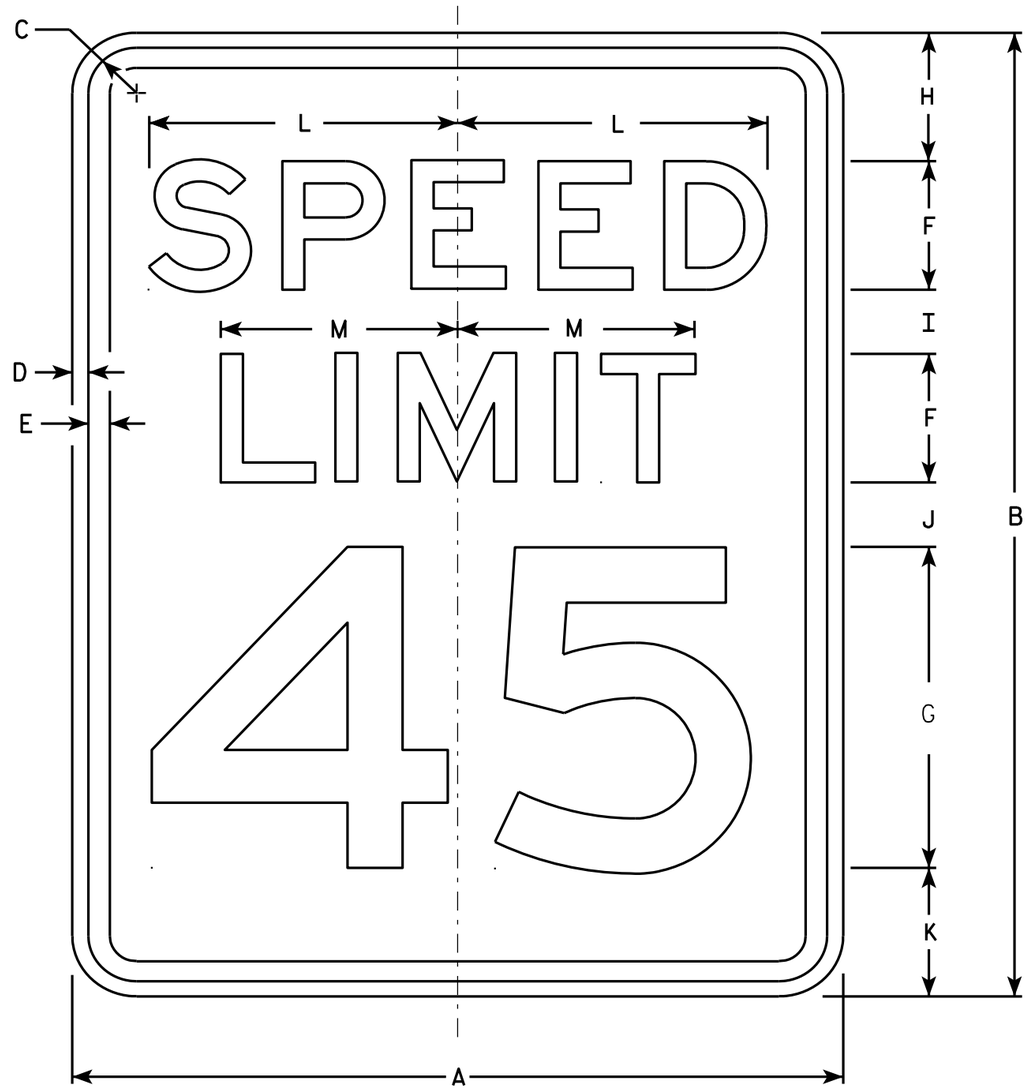
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE 208 R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R11.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.378143:1.000000



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
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 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 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	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 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

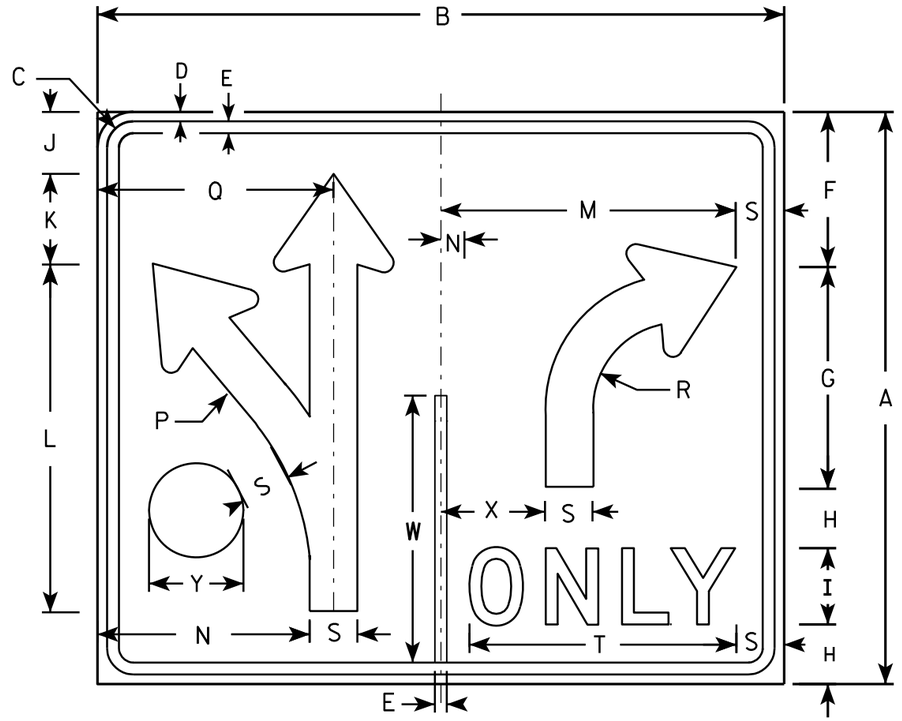
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

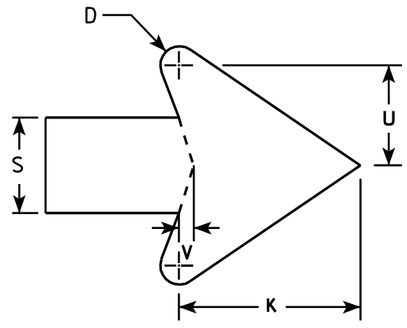
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 209 | E



R3-8DD



ARROW DETAIL

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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. R3-8B & R3-8C is the same but reversed.

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	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	3 1/4	4 3/4	18 1/4	15 1/2	1 1/4		13 1/4	12 3/8	4 1/2	2 1/2	14	2 5/8	3/8	14	5 1/4	4 1/4		7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	3 1/4	4 3/4	18 1/4	15 1/2	1 1/4		13 1/4	12 3/8	4 1/2	2 1/2	14	2 5/8	3/8	14	5 1/4	4 1/4		7.5
3																											

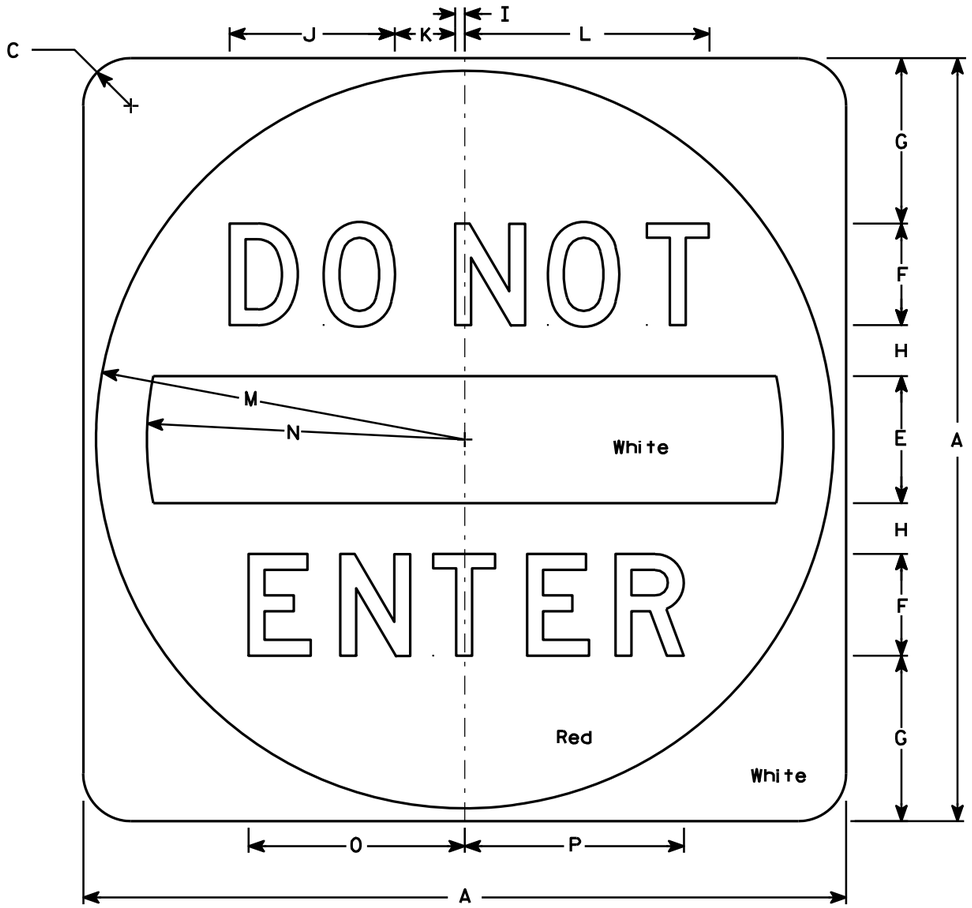
STANDARD SIGN
R3-8DD

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-8DD.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 210 | E



R5-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors 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	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											6.26
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

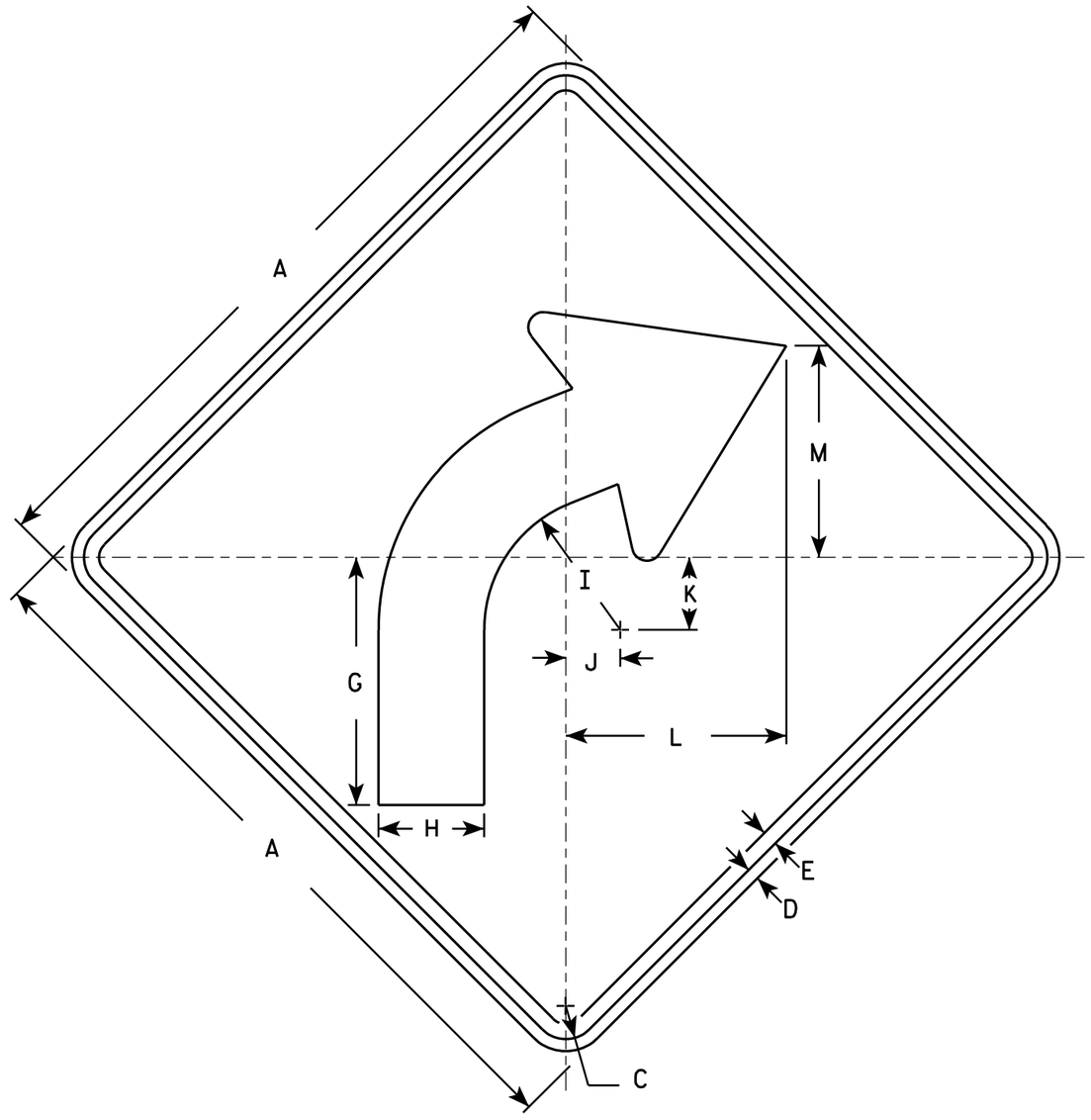
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

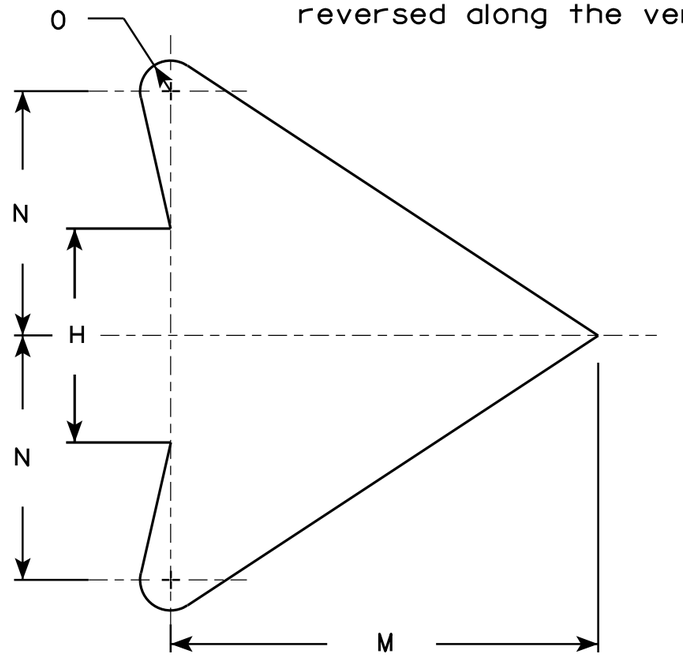
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 211 | E

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



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 1/8	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 3/8	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		1 5/8	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		1 5/8	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		1 5/8	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		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

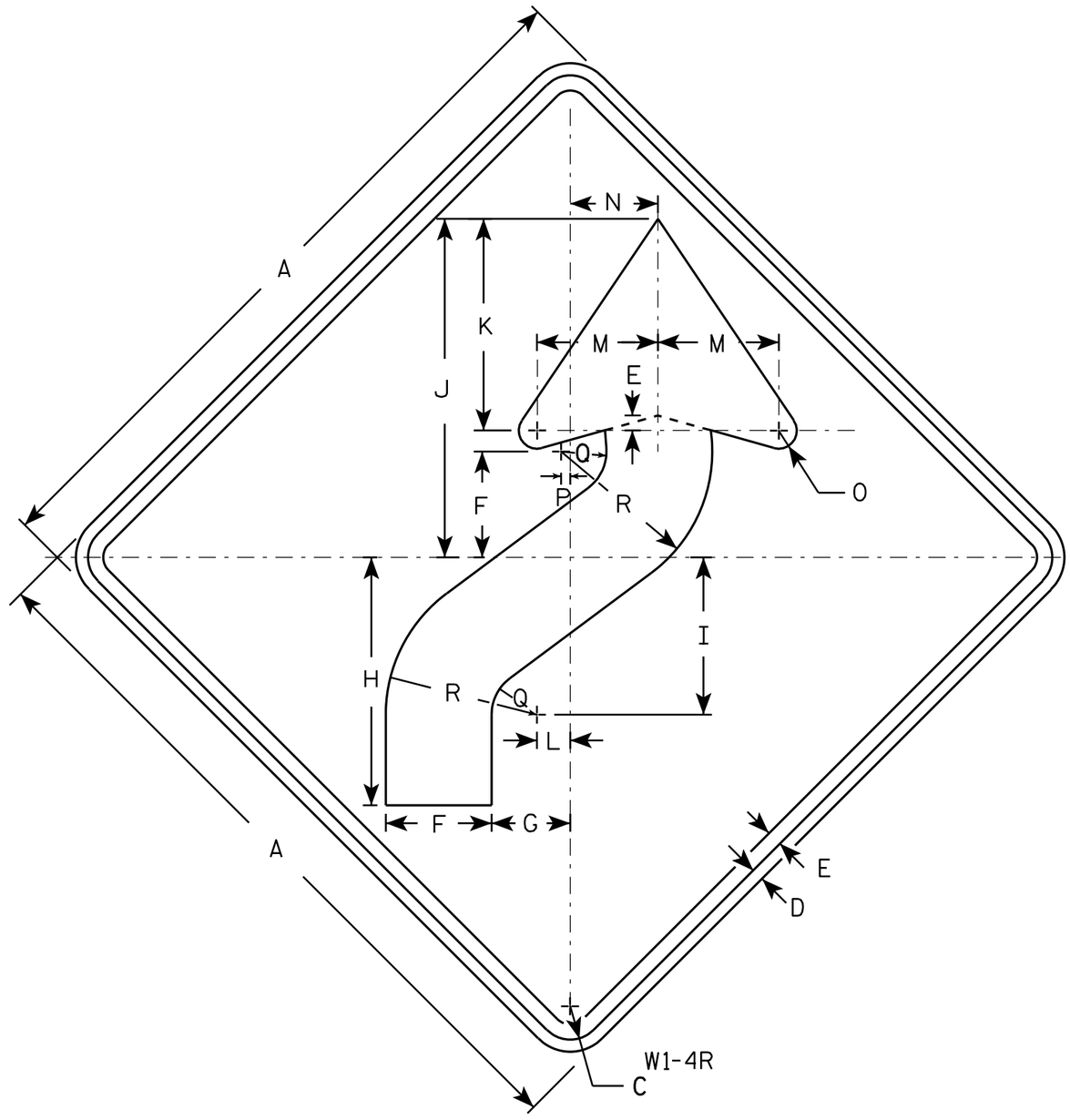
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 212	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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. W1-4L is the same as W1-4R except the arrow is reversed along the vertical centerline.

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 1/8	3/8	1/2	3 1/2	2 5/8	8 1/4	5 1/4	11 1/4	7	1 1/8	4	3	5/8	1/4	1 1/2	5									4.0
2S	30		1 3/8	1/2	5/8	4 3/8	3 1/4	10 1/4	6 1/2	14	8 3/4	1 3/8	5	3 5/8	3/4	3/8	1 7/8	6 1/4									6.25
2M	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
3	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
4	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

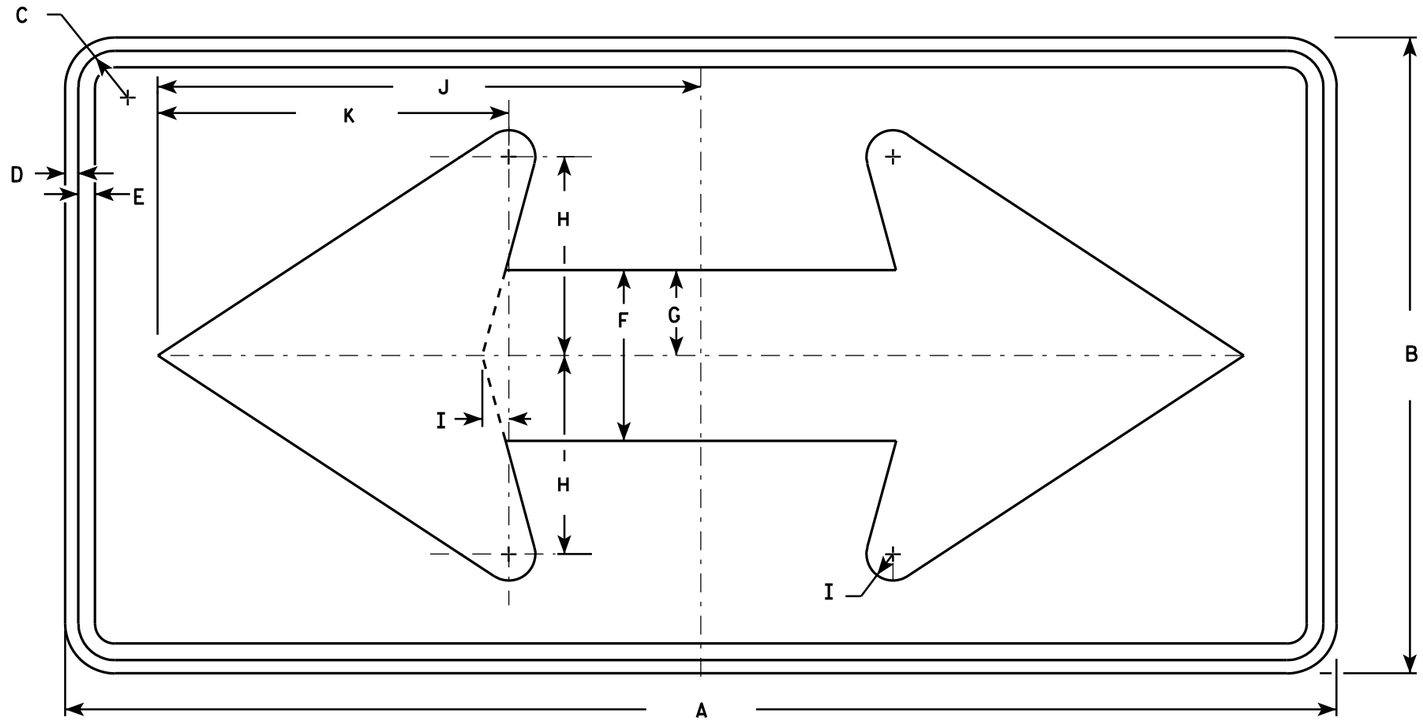
STANDARD SIGN
W1-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/17/12 PLATE NO. W1-4.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 213 | E



W1-7

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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.

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 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

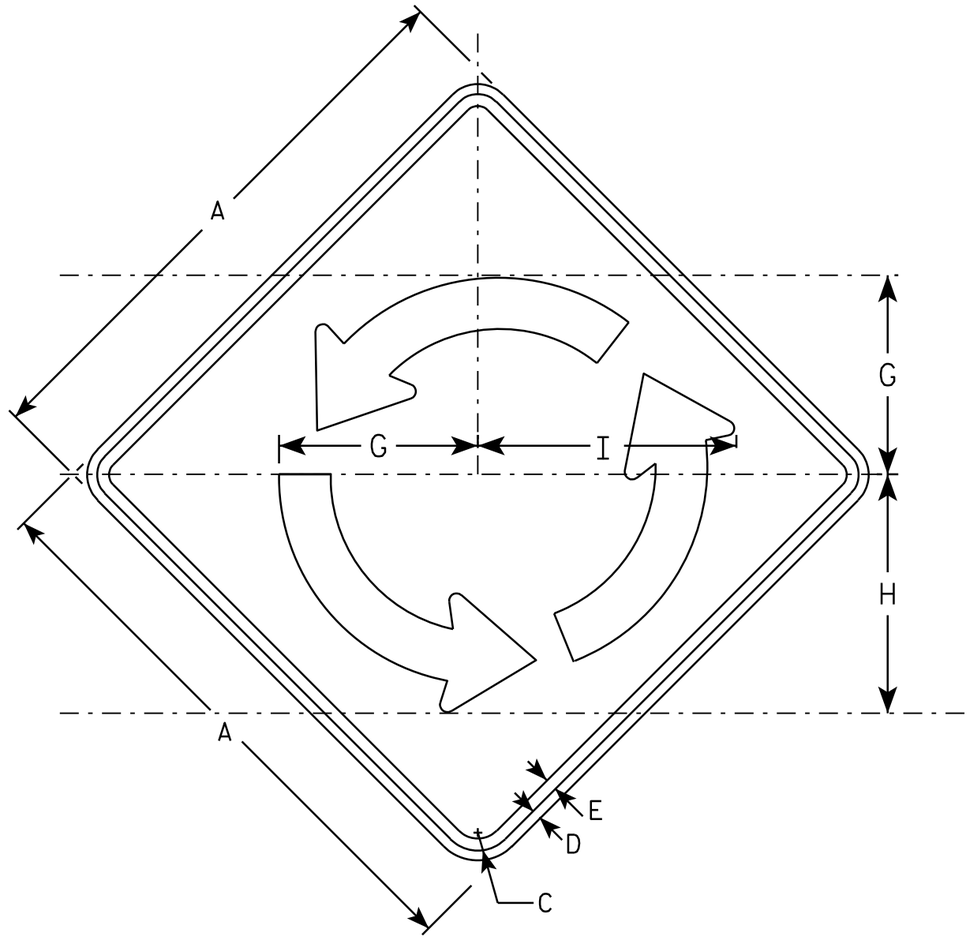
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

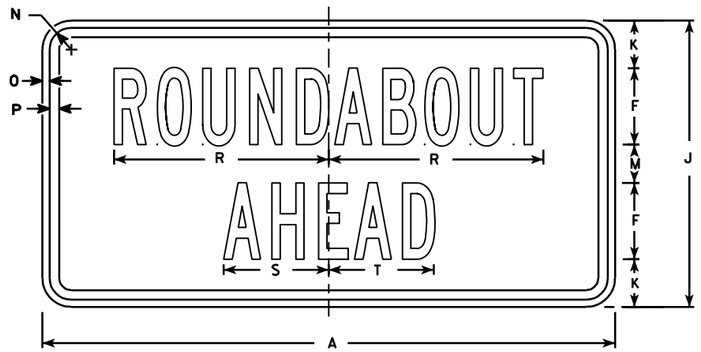
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 214 | E



W2-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   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.



W2-6P

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	W2-6 Area sq. ft.	W2-6P Area sq. ft.
1																										
2S	30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 1/2	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 1/2	5 1/2					6.25	3.12
2M	30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 1/2	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 1/2	5 1/2					6.25	3.12
3	36		1 5/8	5/8	3/4	5	12 1/2	15	16 1/4	18	2 5/8		2 3/4	1 1/8	3/8	1/2		14	7	6 3/4					9.00	4.50
4	48		2 1/4	3/4	1	6	16 5/8	20	16 1/4	24	4 3/8		3 5/8	1 3/8	1/2	5/8		17	8 1/4	8 1/4					16.0	8.0
5																										

STANDARD SIGN
W2-6

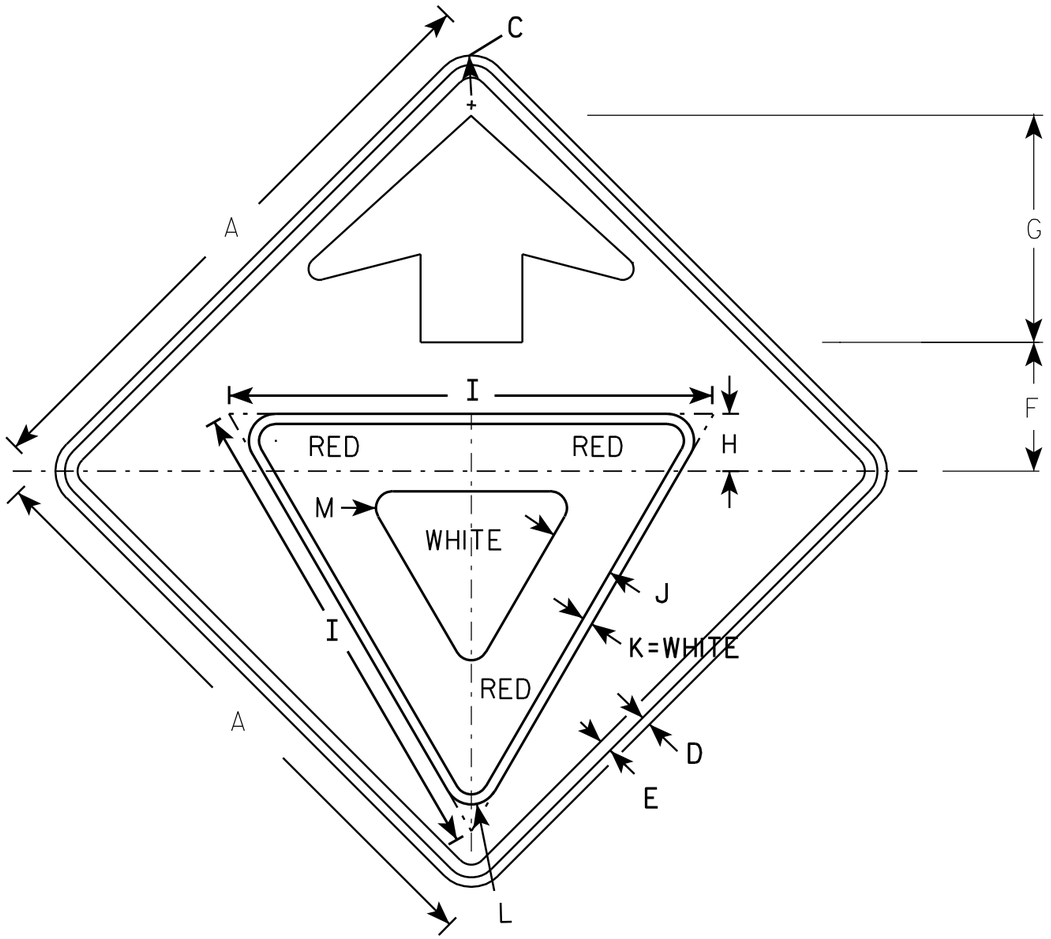
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/29/12 PLATE NO. W2-6.5

PROJECT NO:

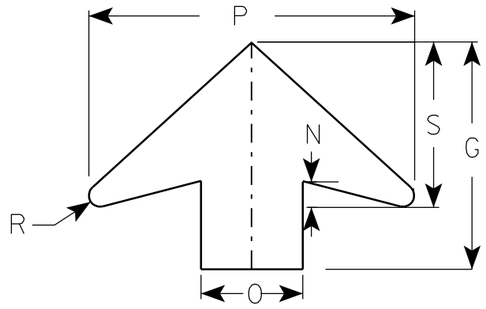
SHEET NO: 215 E



W3-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



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	30		1 3/8	1/2	5/8	6 1/4	11 1/4	3	25	3 3/8	1/2	1 3/8	7/8	1 1/4	5	16		1/2	8								6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-2..9

PROJECT NO:

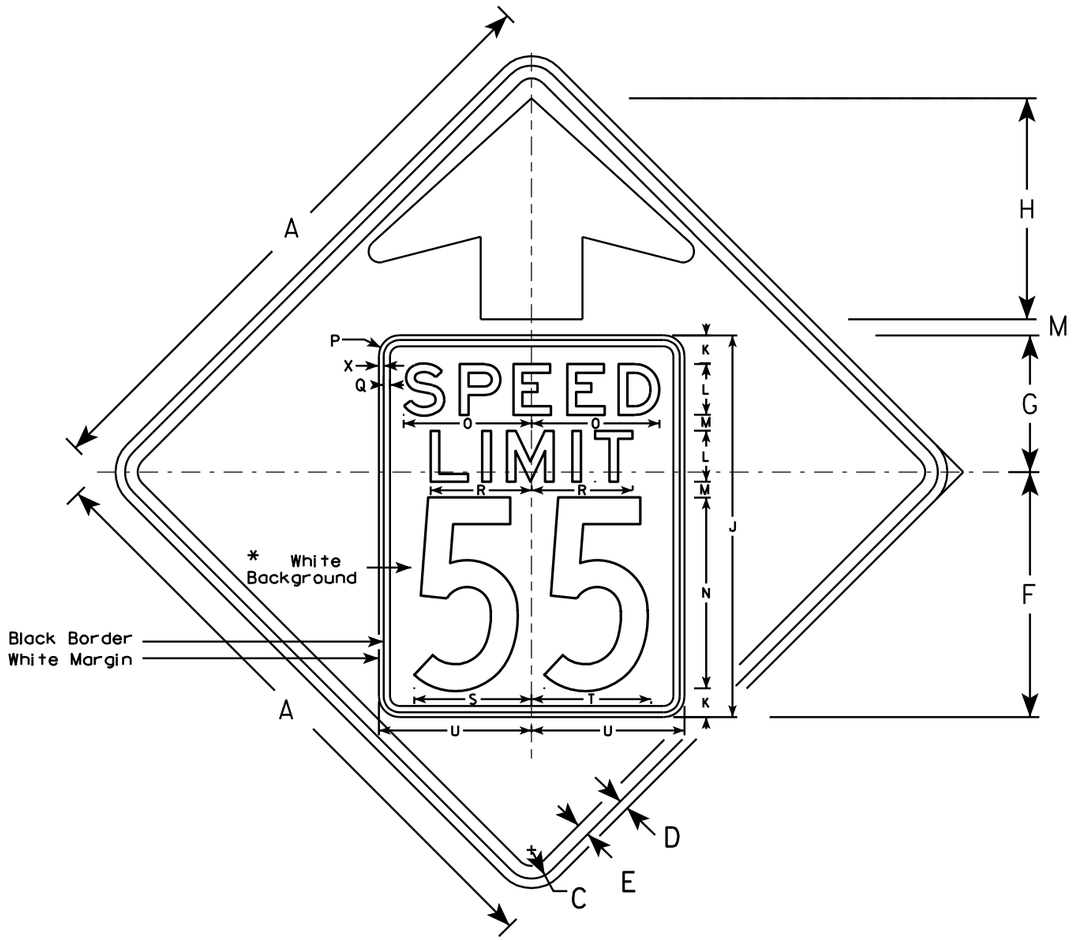
SHEET NO: 216 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W32.DGN PLOT DATE : 07-JUN-2010 13:03 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

7

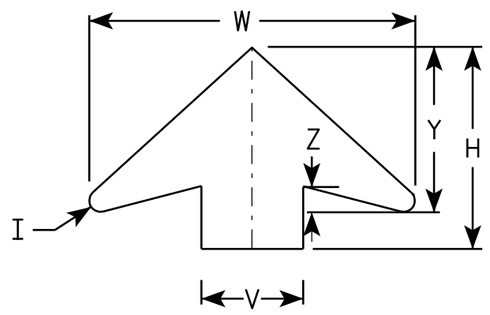


W3-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color: *
   Background - YELLOW*
   Message - BLACK
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

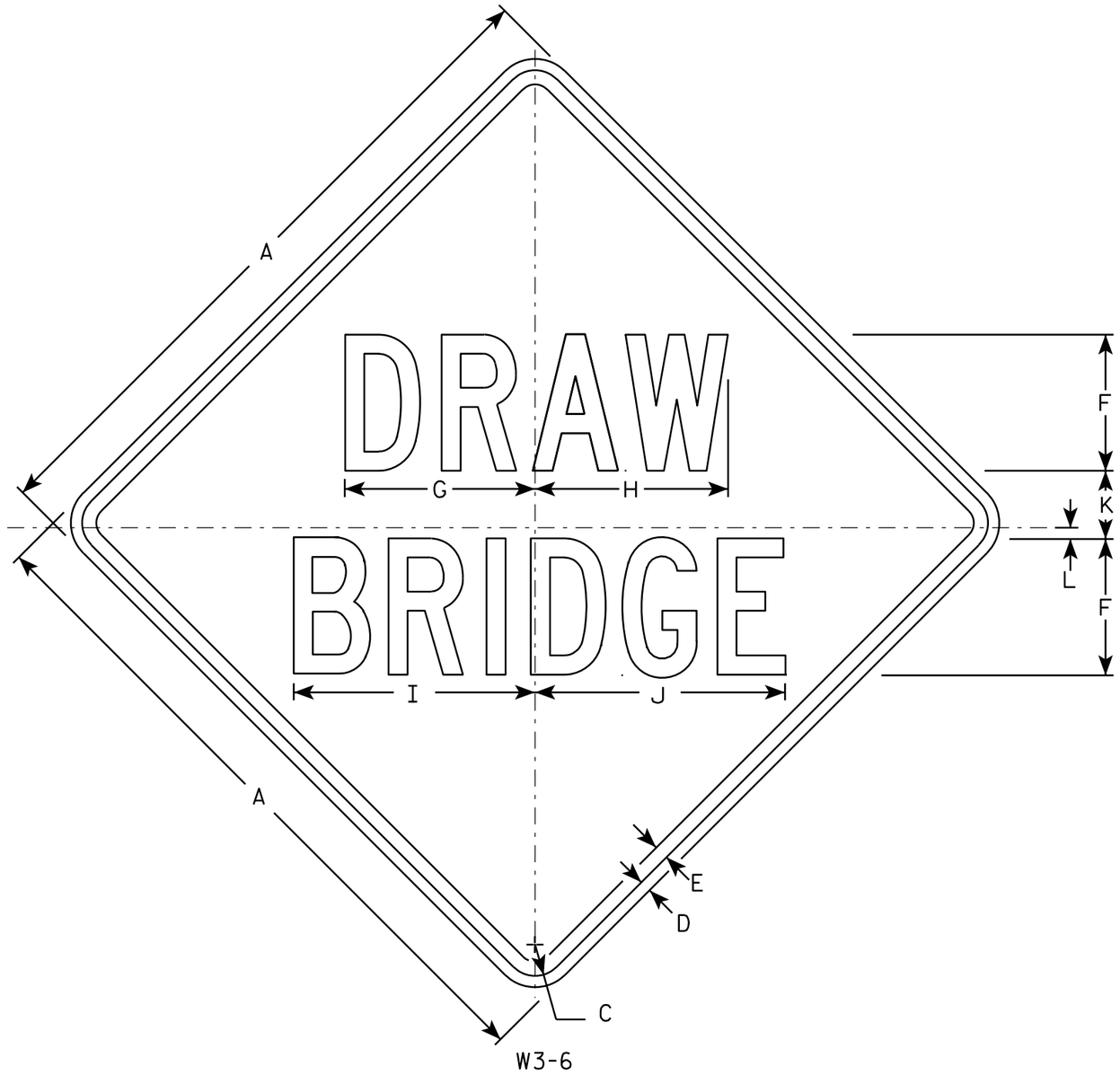
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 217 E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   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	30		1 3/8	1/2	5/8	6	8 3/8	8 1/2	10 5/8	11	3	1/2															6.25
2S	36		1 5/8	5/8	3/4	7	10 1/8	10	13 1/2	12 3/4	3 5/8	5/8															9.0
2M	36		1 5/8	5/8	3/4	7	10 1/8	10	13 1/2	12 3/4	3 5/8	5/8															9.0
3	48		2 1/4	3/4	1	10	14	14 1/8	17 3/4	18 1/4	4 3/4	3/4															16.0
4	48		2 1/4	3/4	1	10	14	14 1/8	17 3/4	18 1/4	4 3/4	3/4															16.0
5																											

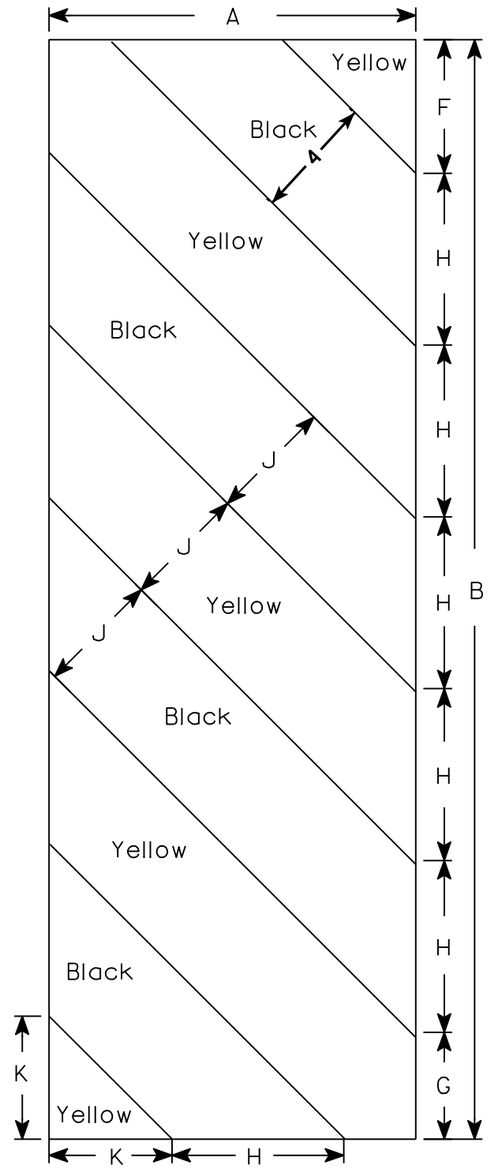
STANDARD SIGN
W3-6

WISCONSIN DEPT OF TRANSPORTATION

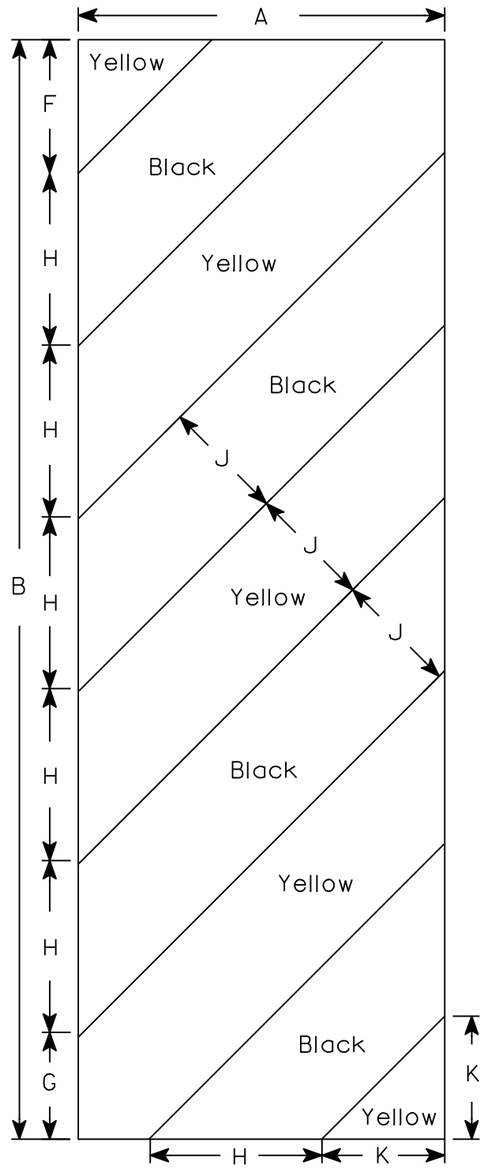
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W3-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 218 | E



W5-52L



W5-52R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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. Alternate colors of stripes as shown.

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	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

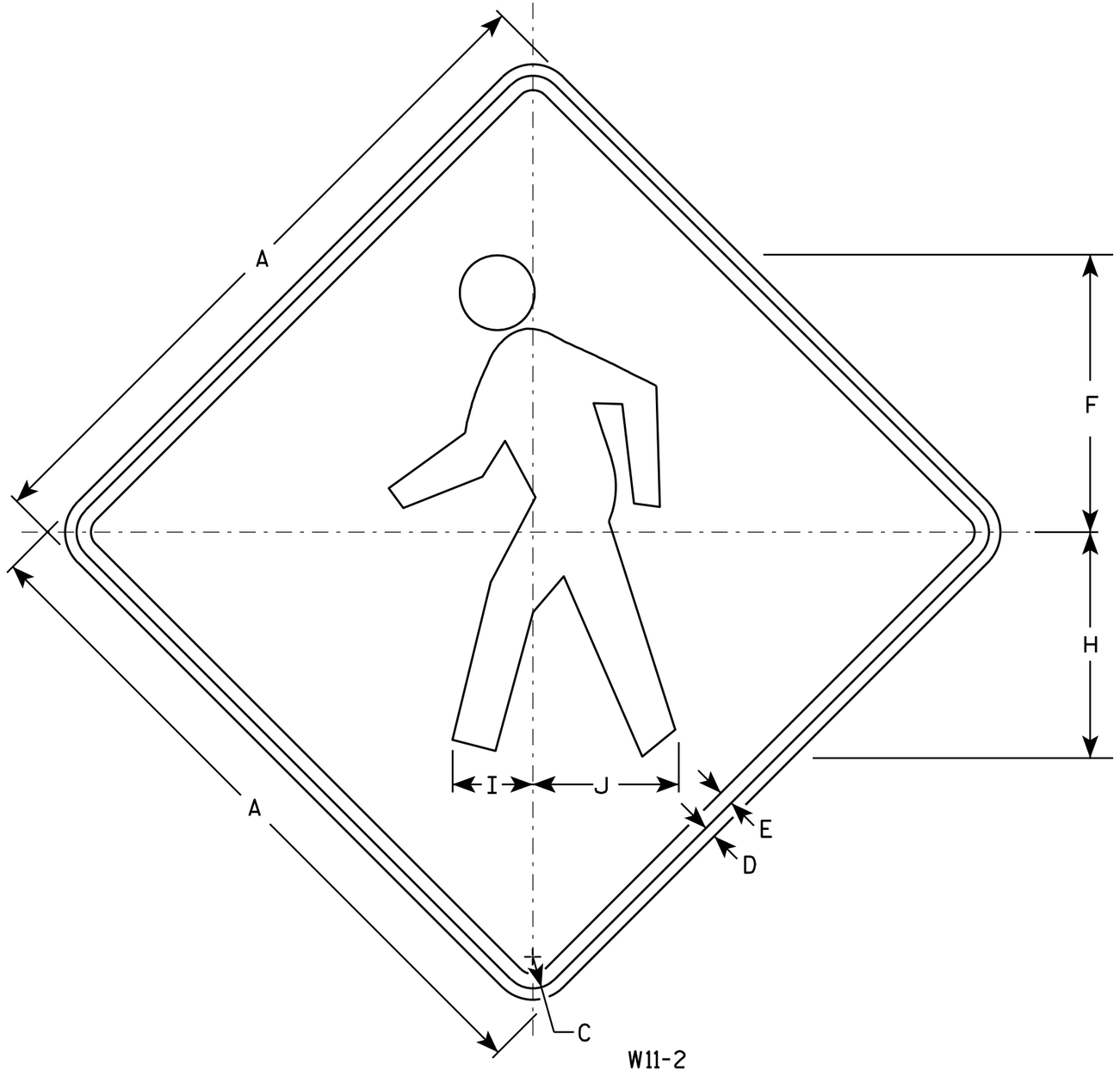
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W5-52.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 219	E



W11-2

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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.

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 1/8	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

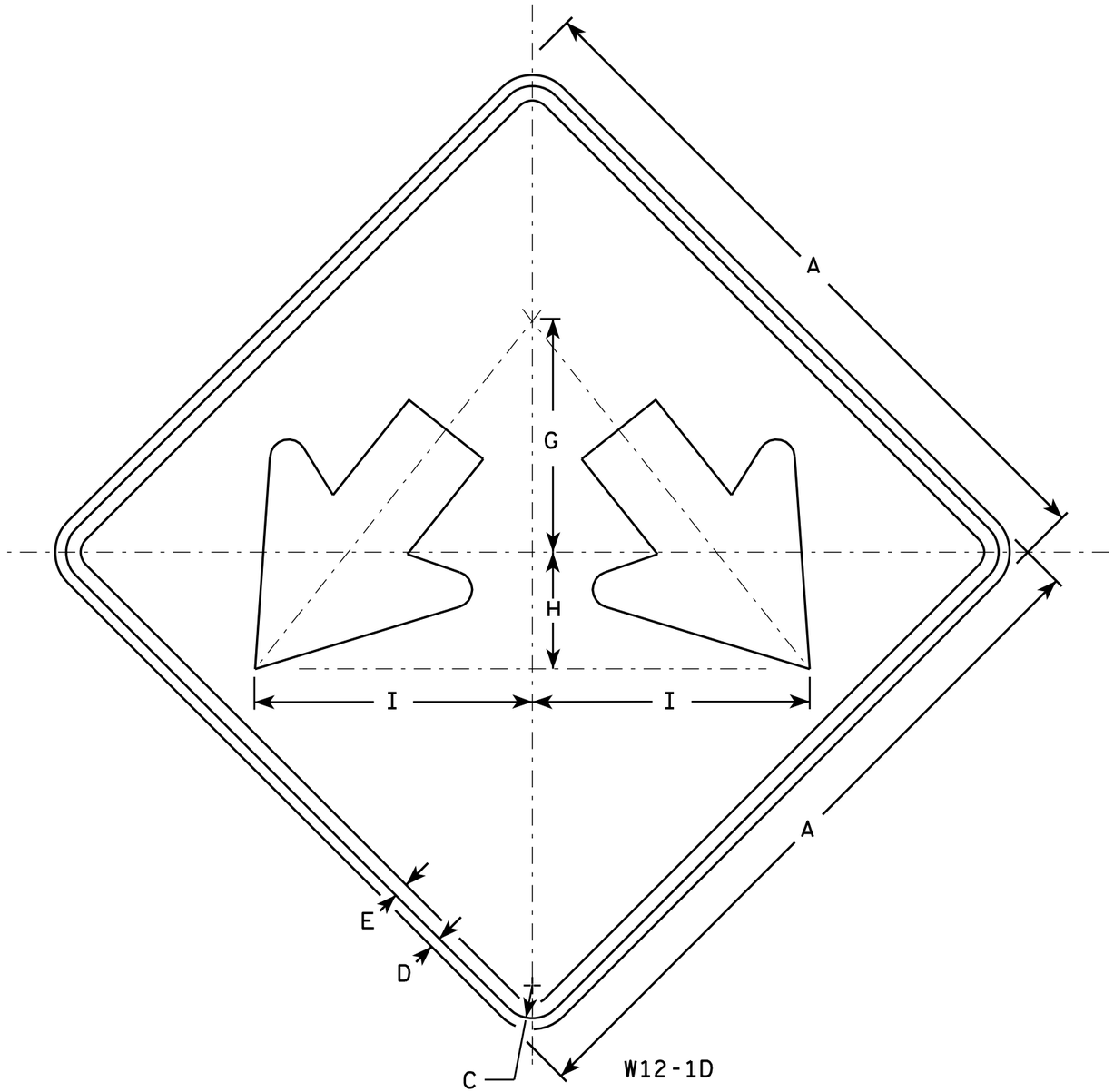
STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

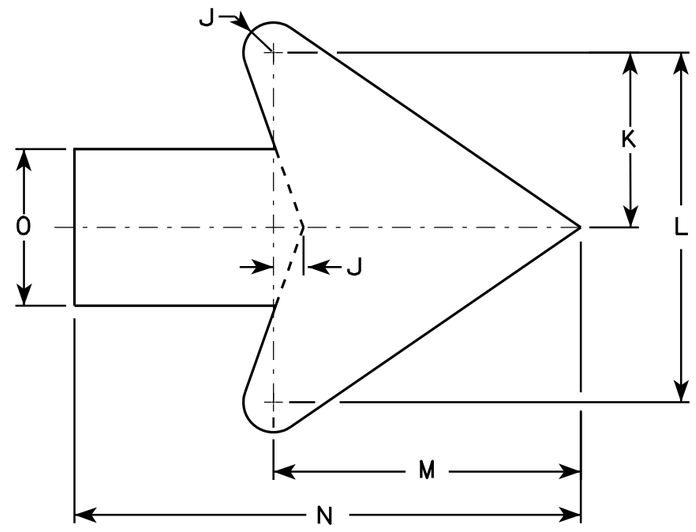
DATE 6/7/10 PLATE NO. W11-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 220	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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.



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	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

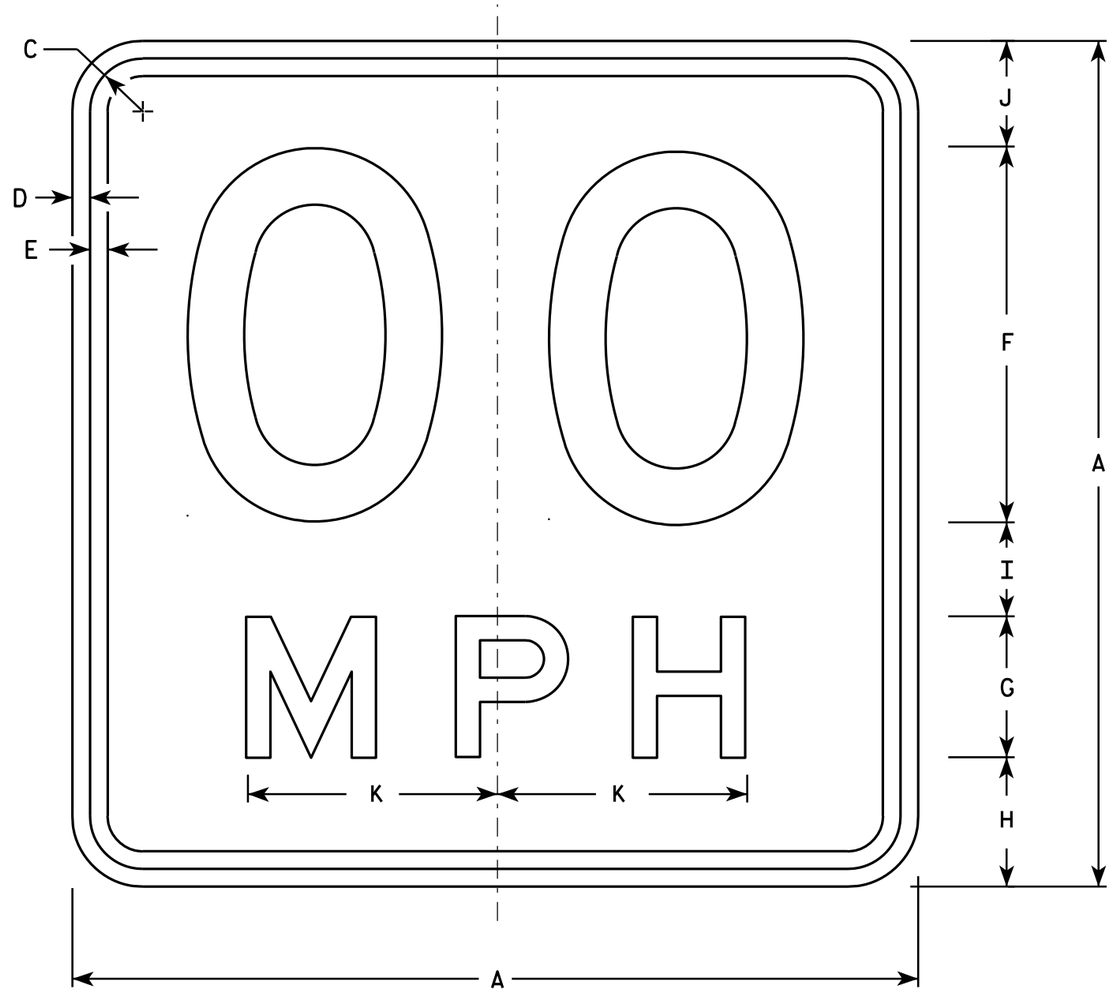
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 221	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN PLOT DATE : 13-MAR-2013 13:26 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 4.713802:1.000000

WISDOT/CADDS SHEET 42

7

7



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 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 6
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 and optically space about centerline to achieve proper balance.
6. 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 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		1 5/8	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

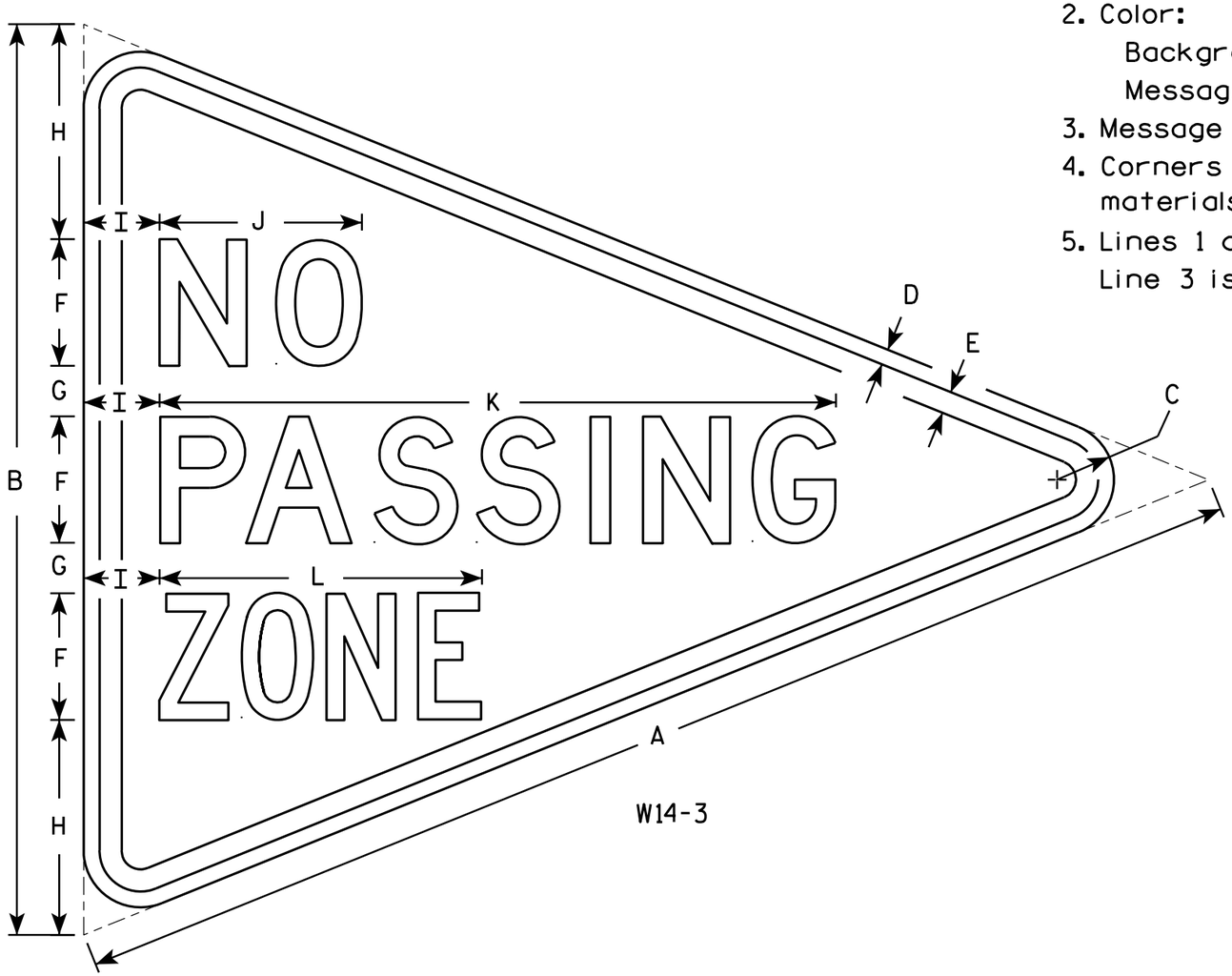
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 222 | E

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See note 5
4. Corners and borders shall be rounded on all base materials for this sign.
5. Lines 1 and 2 are Series D.
   Line 3 is series C.



W14-3

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	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2															10.7
4																											
5																											

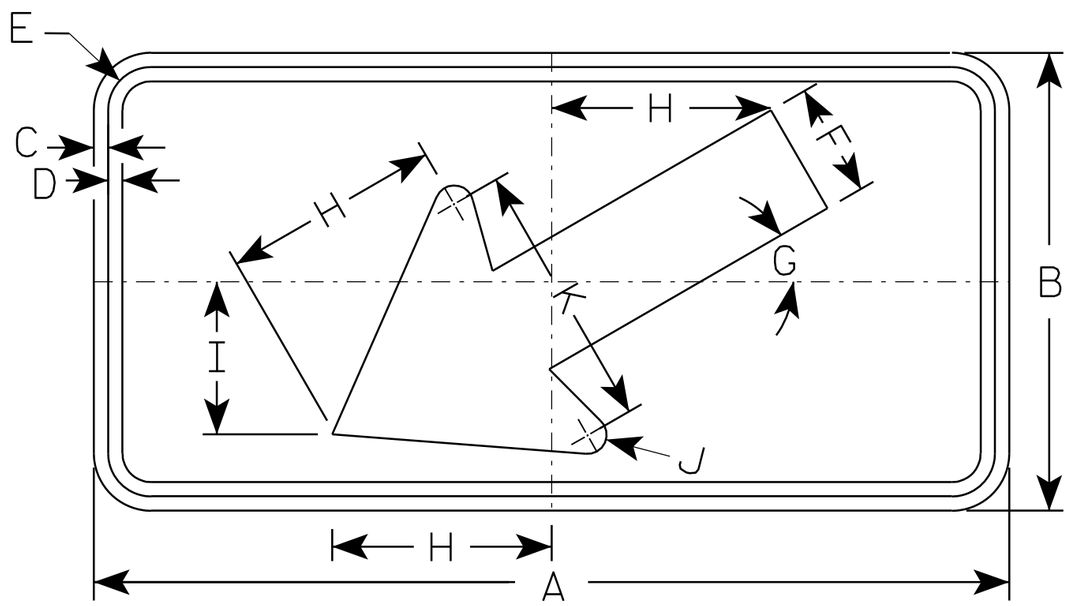
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W14-3.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 223	E



W16-7L

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
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. W16-7R is the same as W16-L except the arrow is reversed along the vertical centerline.

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	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4																											8
5																											8

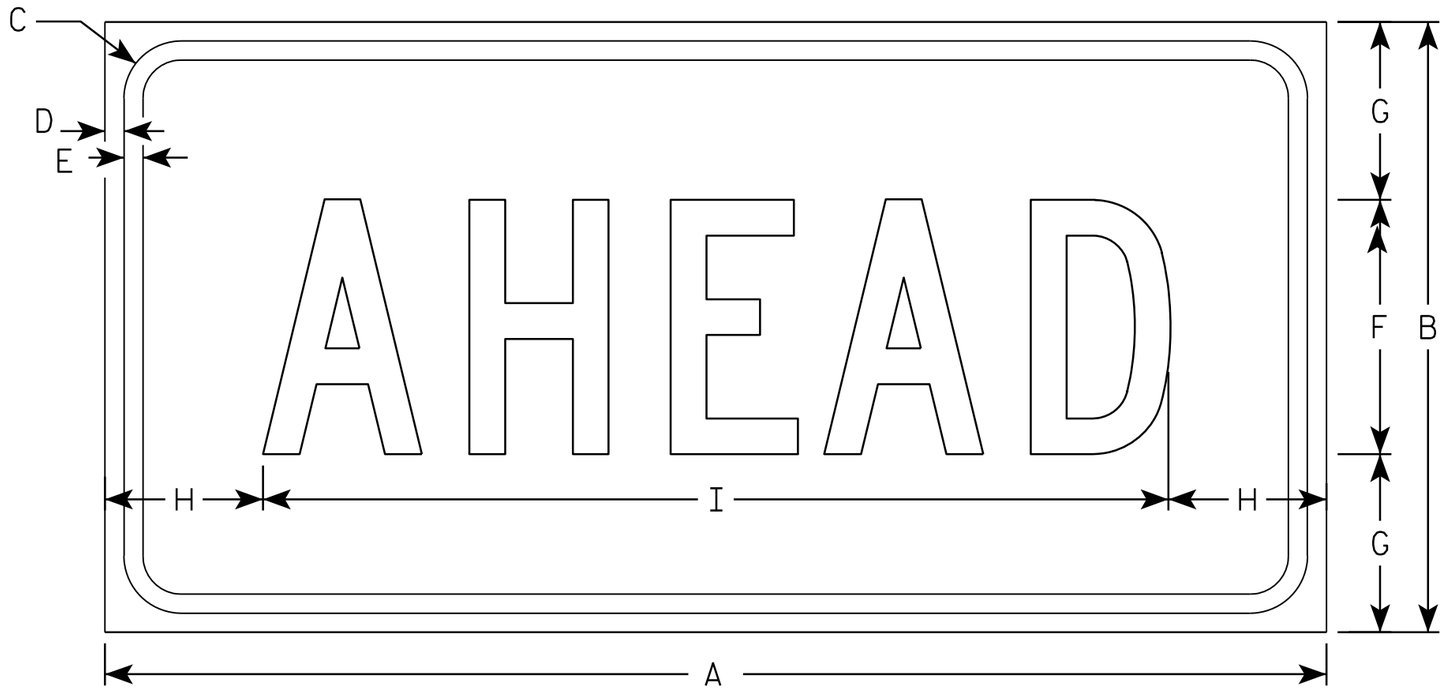
STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. W16-7.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 224	E



W16-9P

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   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	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

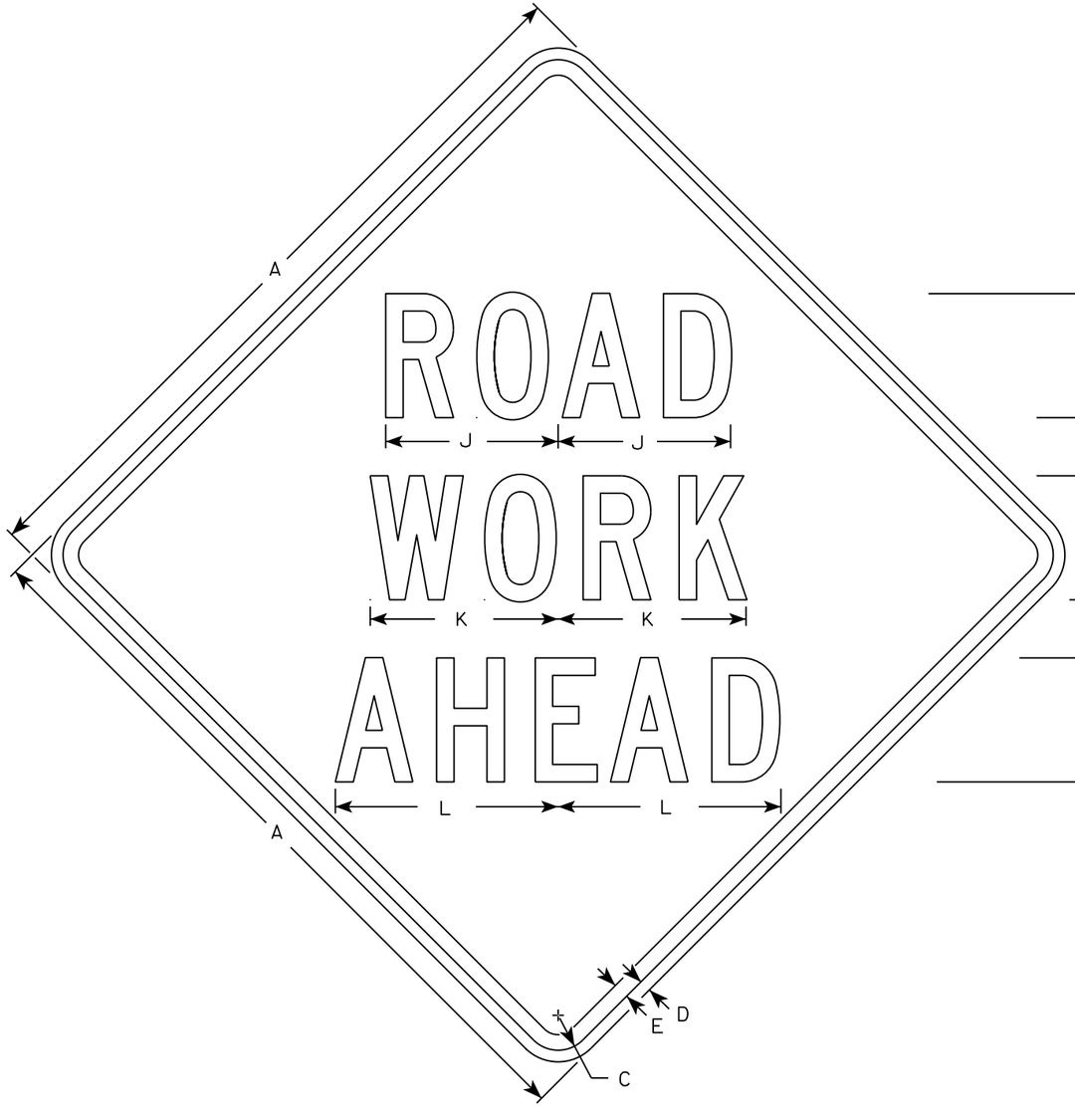
STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

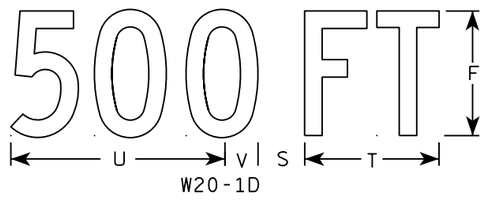
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/28/10 PLATE NO. W16-9P.6

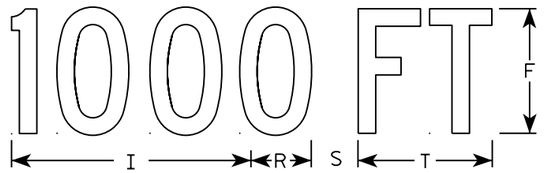
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 225	E



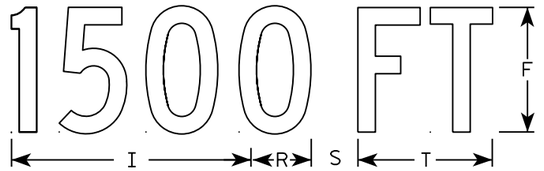
W20-1A



W20-1D



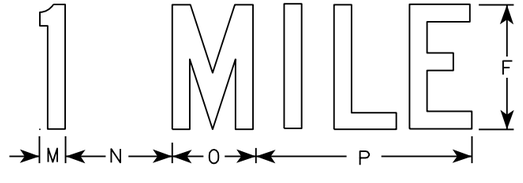
W20-1C



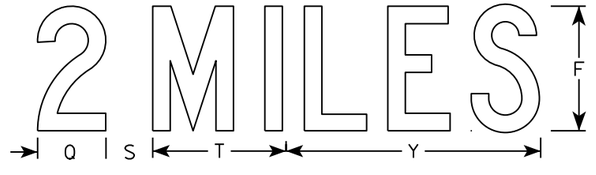
W20-1B



W20-1G



W20-1F



W20-1E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   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	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

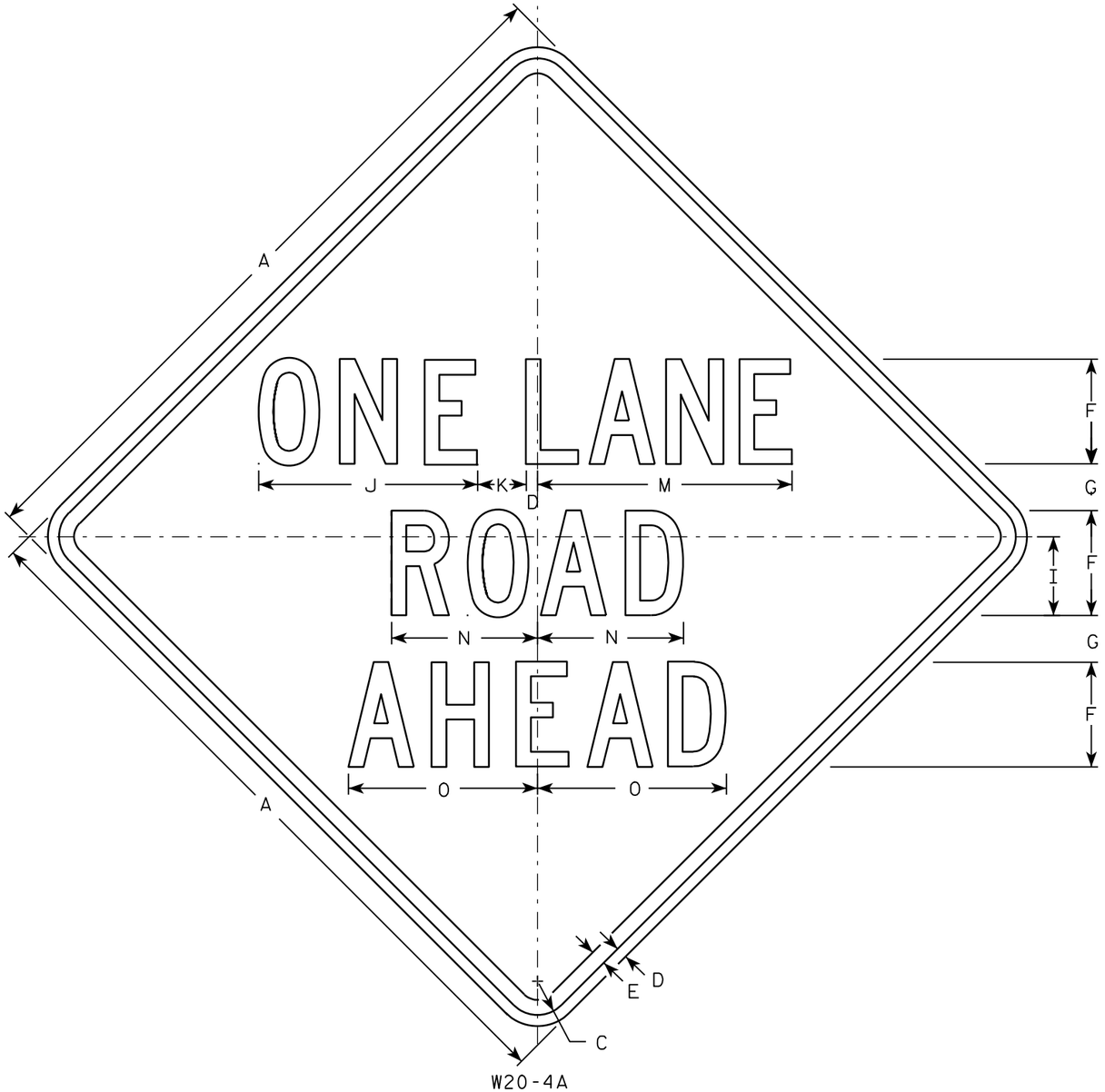
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10

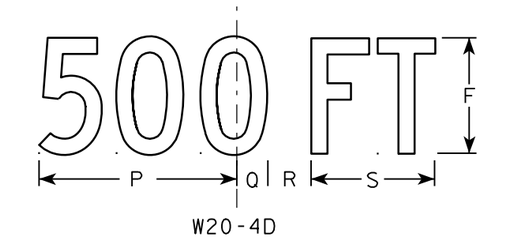
PROJECT NO:

SHEET NO: E

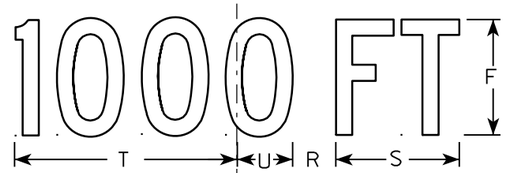
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 01-DEC-2015 18:24 PLOT BY : $$ plotuser $$



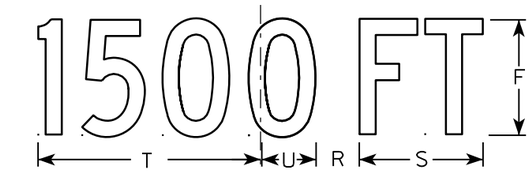
W20-4A



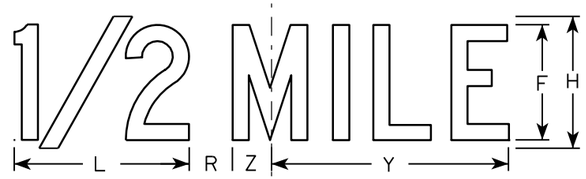
W20-4D



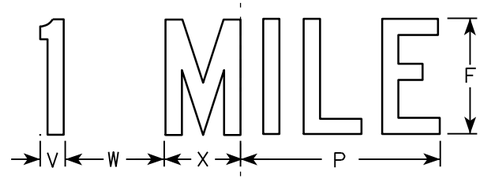
W20-4C



W20-4B



W20-4G



W20-4F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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	36		1 5/8	5/8	3/4	5	2 3/8	6	3 3/4	10 3/8	2 3/8	8	13 1/2	7	8 7/8	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	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-4A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

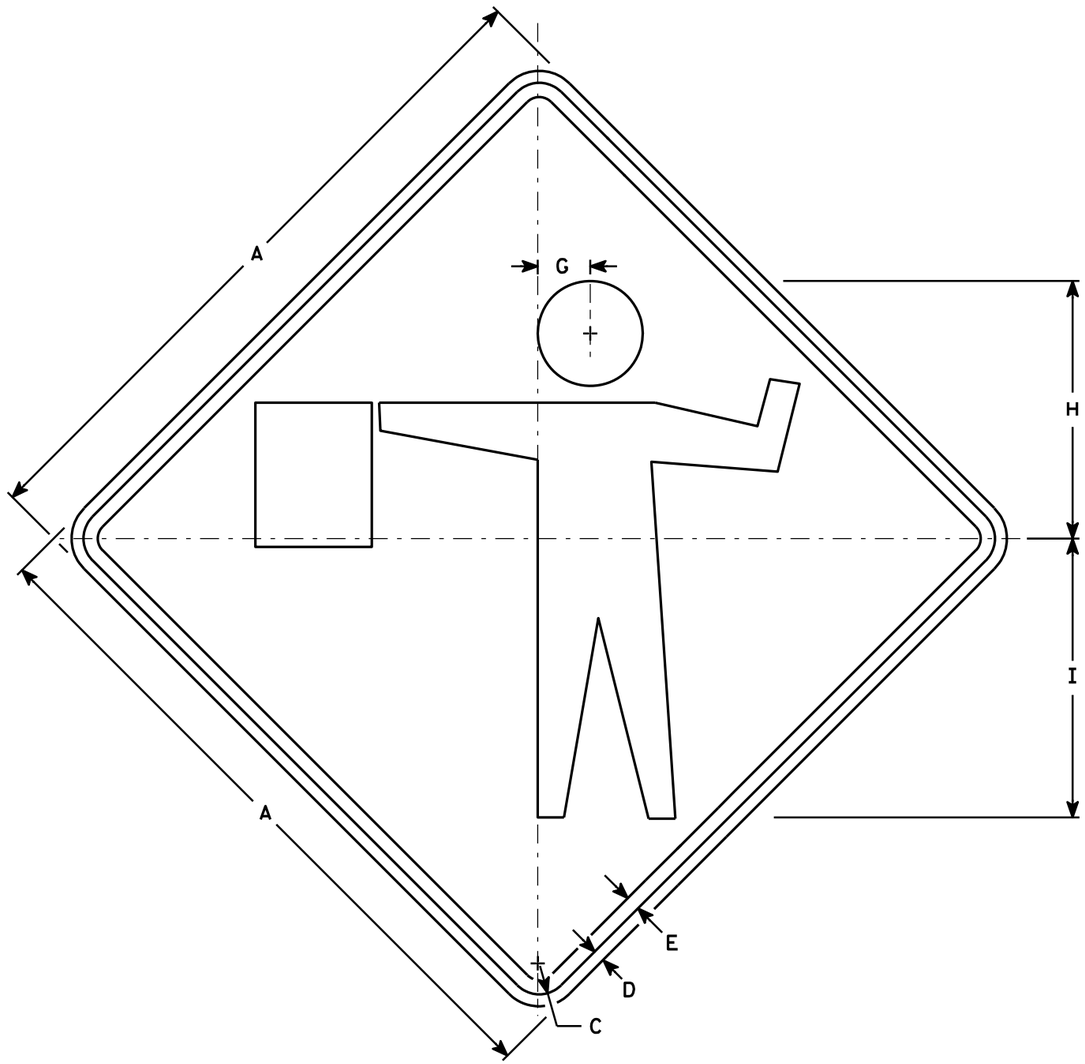
DATE 3/18/11 PLATE NO. W20-4.9

PROJECT NO:

SHEET NO: 227 E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W204.DGN PLOT DATE : 18-MAR-2011 12:11 PLOT BY : mscj9h



W20-7A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
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.

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		1 5/8	5/8	3/4		2 3/4	13 1/2	14 5/8																		9.00
2S	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
2M	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
3	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
4	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
5	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00

STANDARD SIGN
W20-7A

WISCONSIN DEPT OF TRANSPORTATION

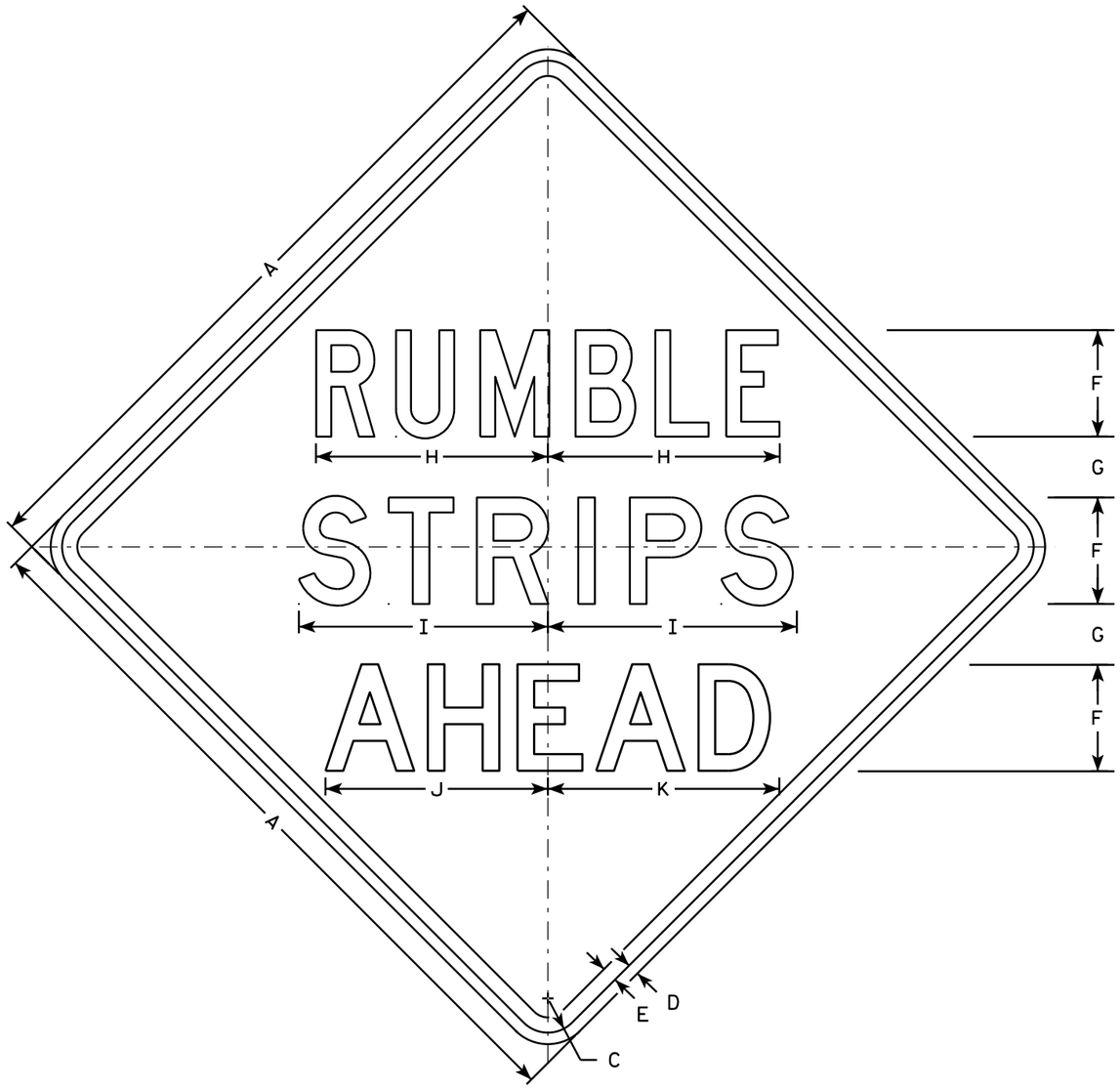
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-7A.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 228 | E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W207A.DGN PLOT DATE : 18-MAR-2011 13:14 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 7.945391:1.000000
WISDOT/CADDS SHEET 42



W21-65

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 C
   Lines 2 and 3 are 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	36		1 5/8	5/8	3/4	5	3 1/4	10 7/8	11 5/8	11	11 5/8																9.0
2S	48		2 1/4	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
2M	48		2 1/4	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
3	48		2 1/4	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
4	48		2 1/4	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
5	48		2 1/4	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0

STANDARD SIGN

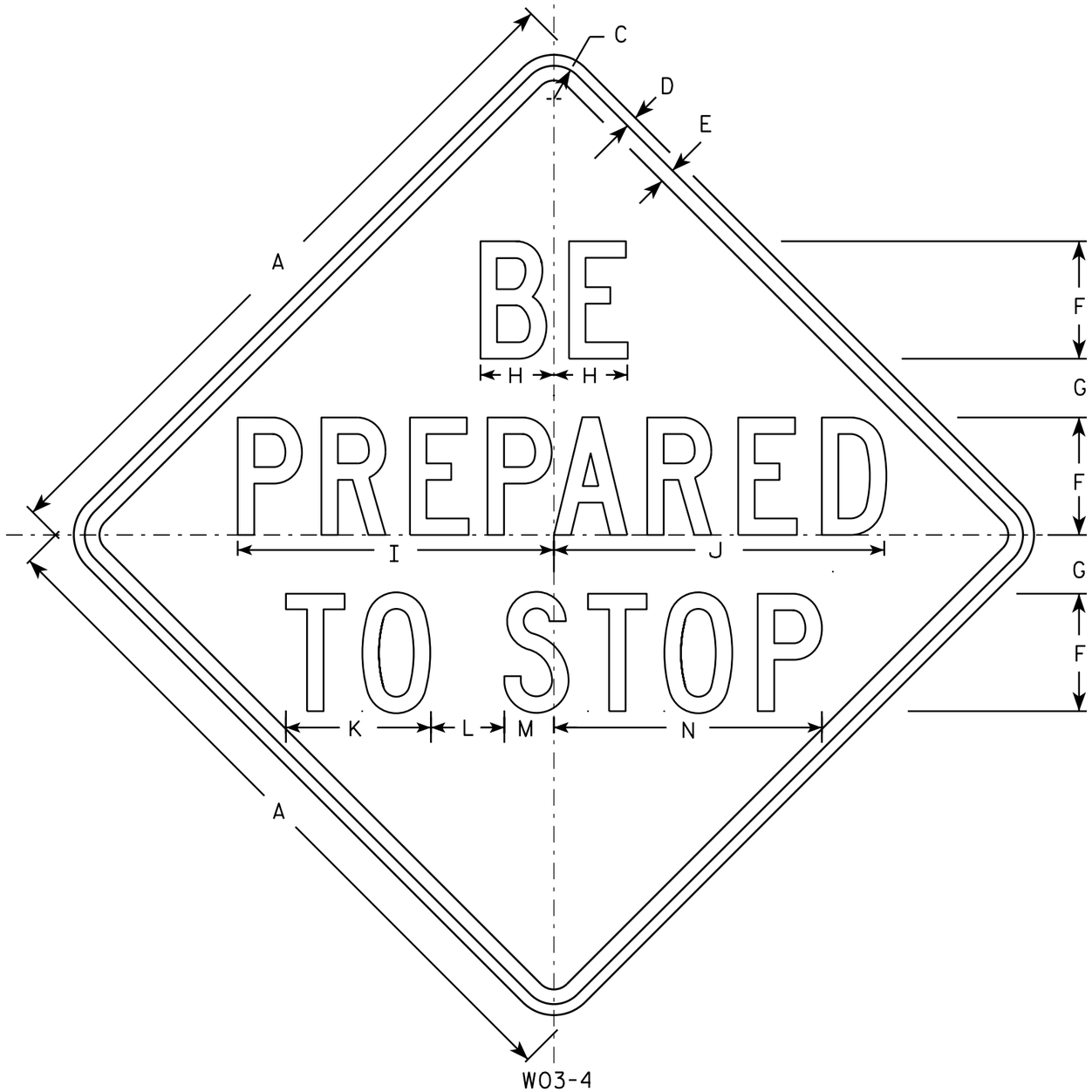
W21-65

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/28/14 PLATE W21-65.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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	36		1 3/8	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
2S	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
2M	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
3	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
4	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
5	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0

STANDARD SIGN
W03-4

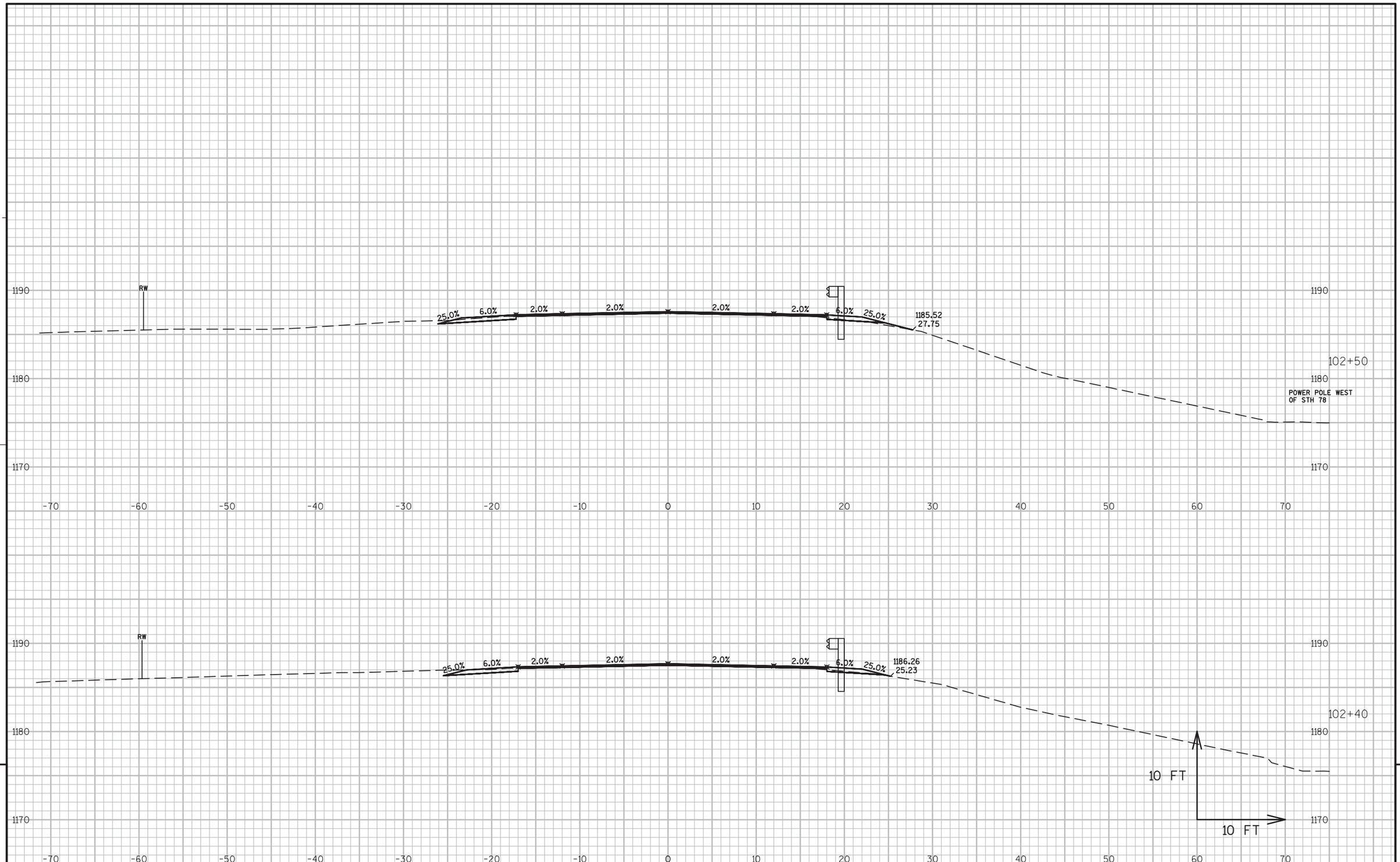
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/02/13 PLATE NO. W03-4.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

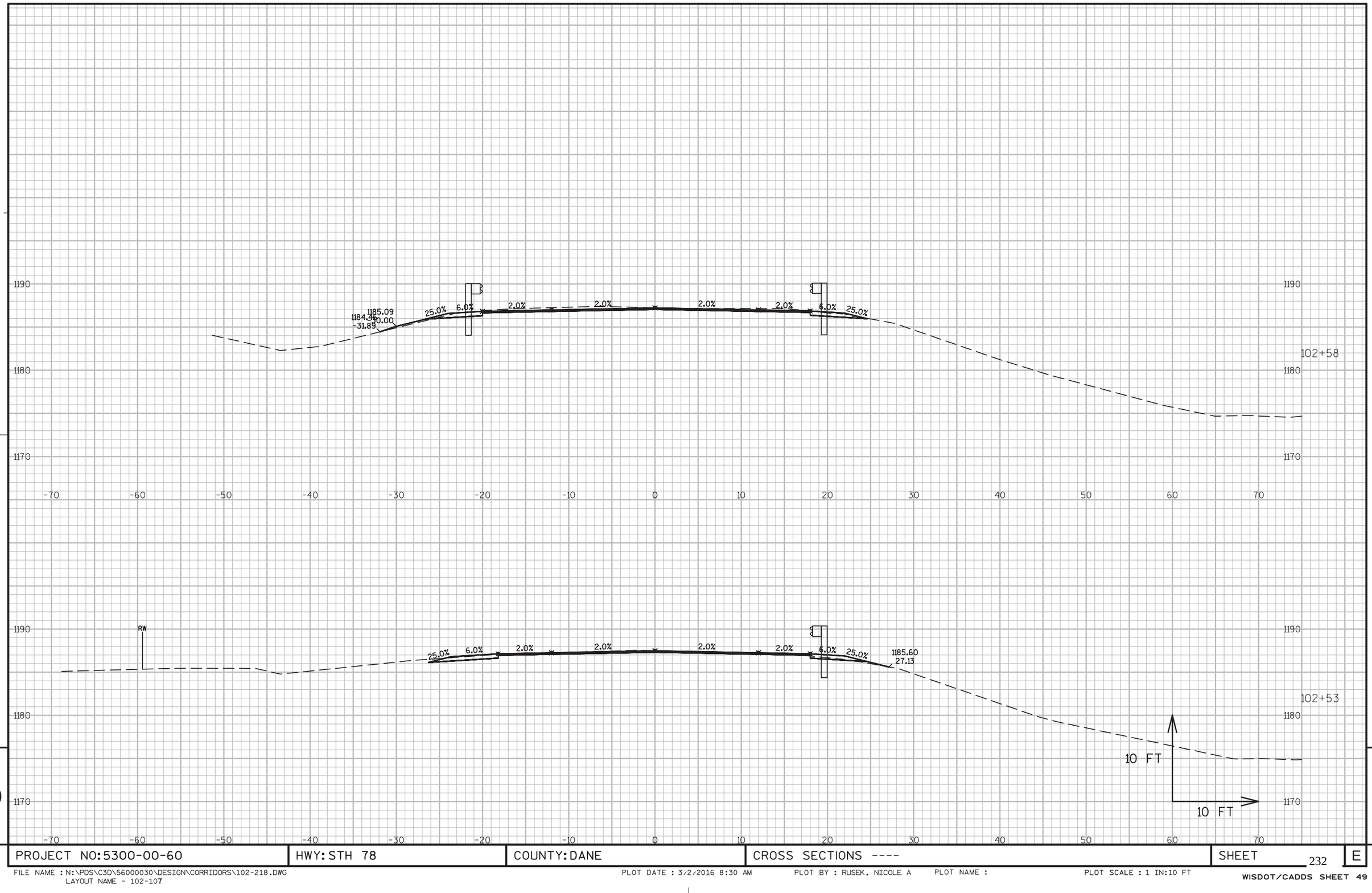
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W034.DGN PLOT DATE : 02-DEC-2013 14:02 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 8.999518:1.000000
WISDOT/CADDS SHEET 42



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 231	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

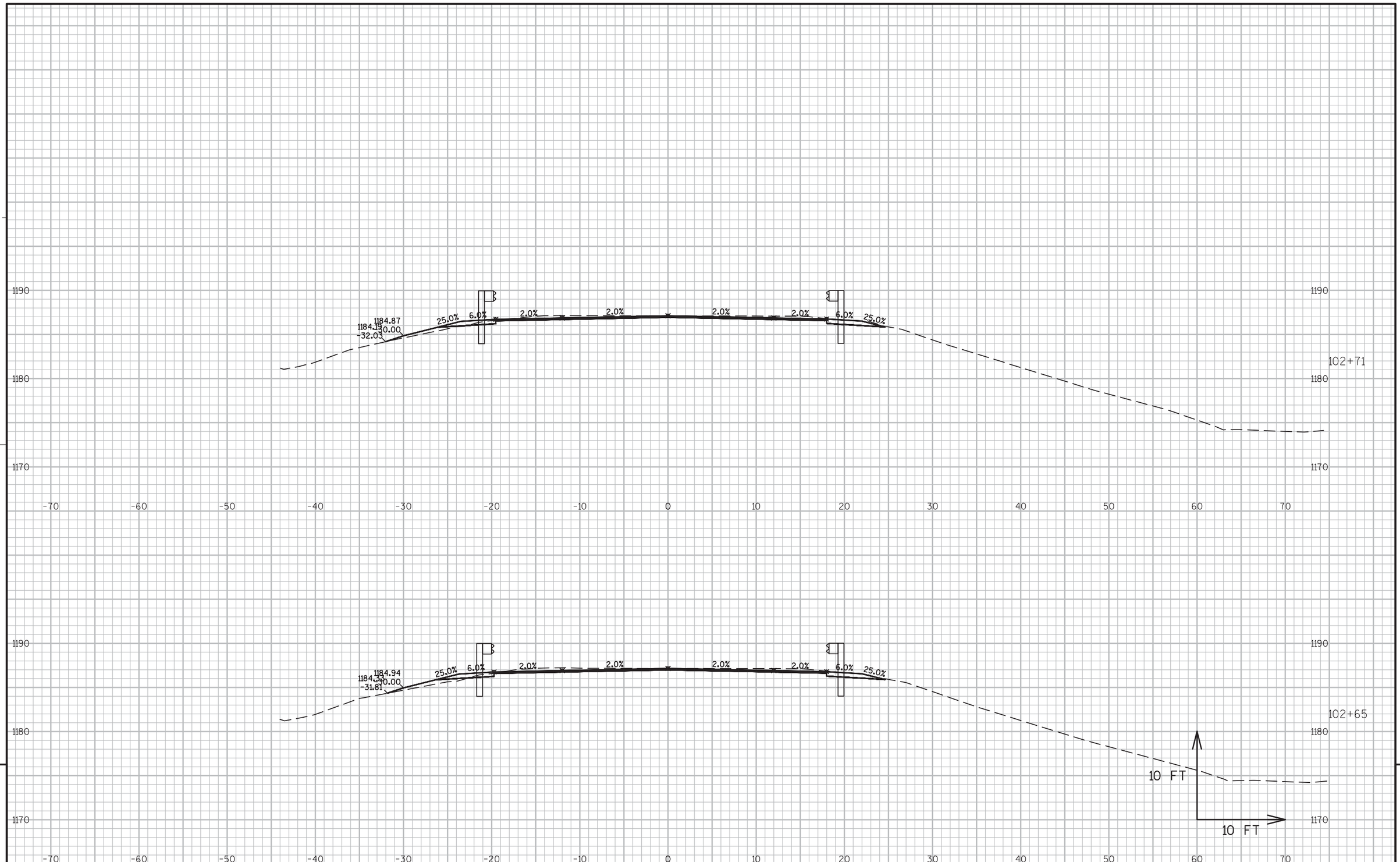
PLOT DATE : 3/2/2016 9:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 232	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

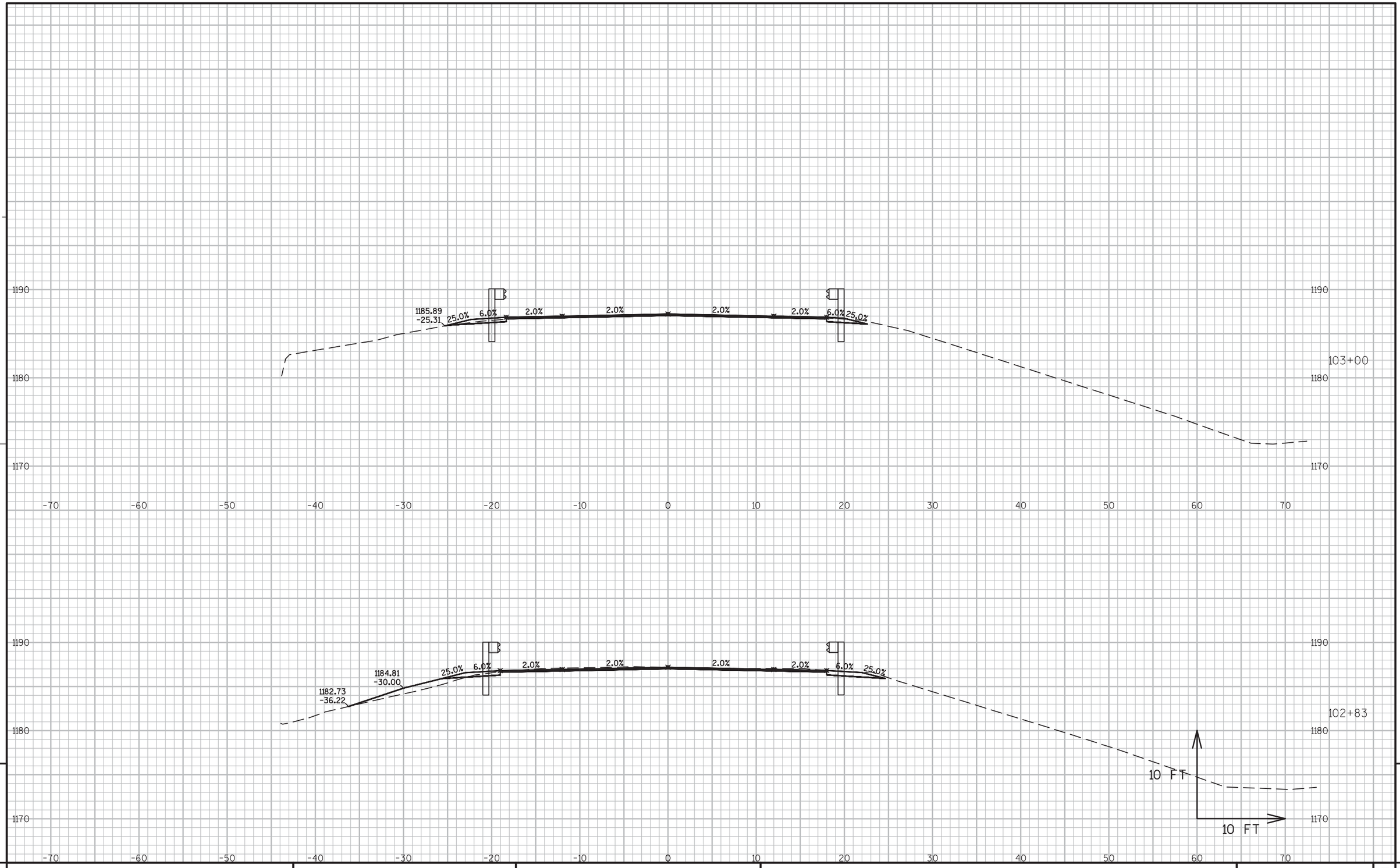
PLOT DATE : 3/2/2016 8:30 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 233	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

PLOT DATE : 3/2/2016 8:30 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

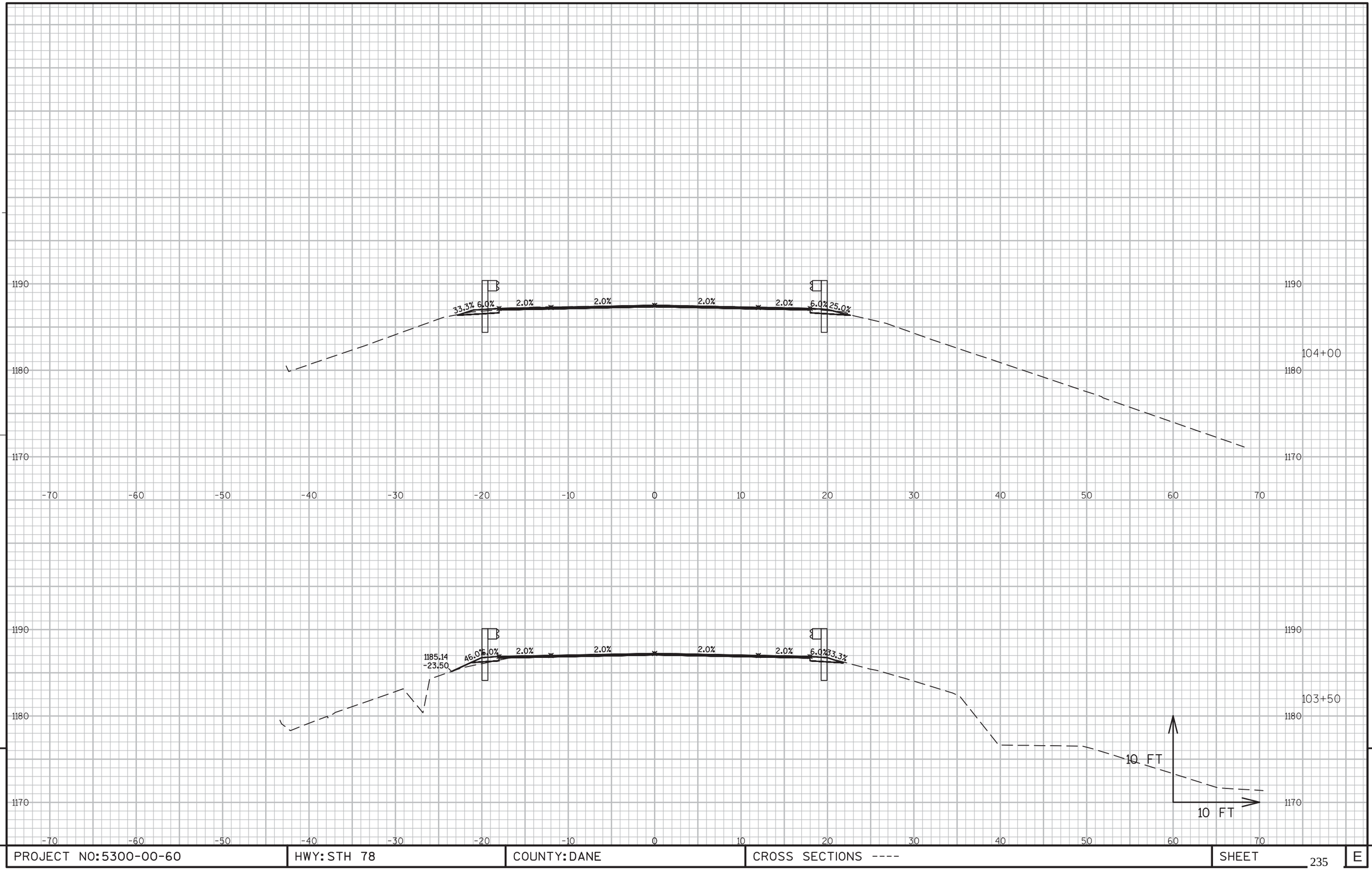


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 234	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

PLOT DATE : 3/2/2016 8:30 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

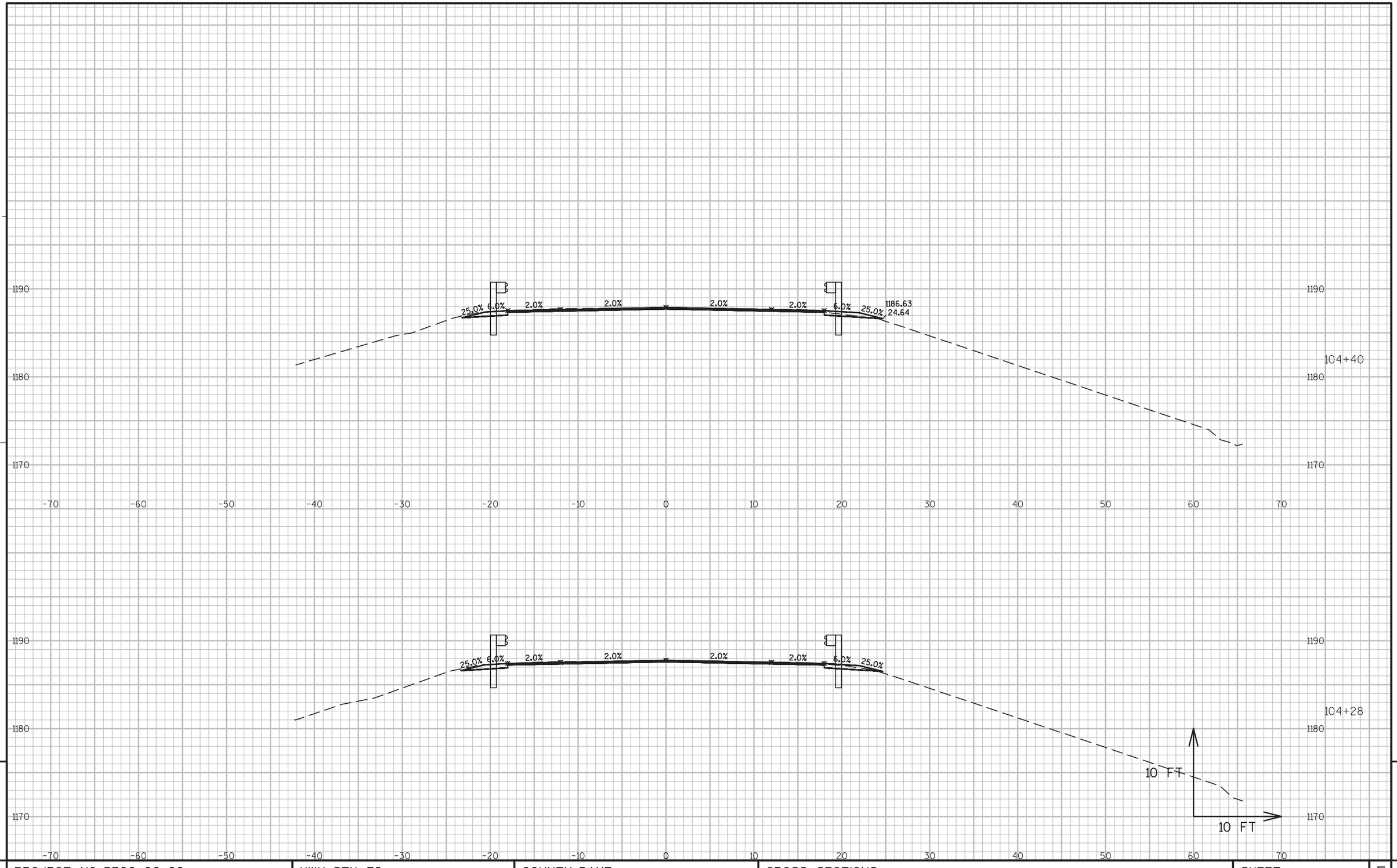
WISDOT/CADDS SHEET 49



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 235	E

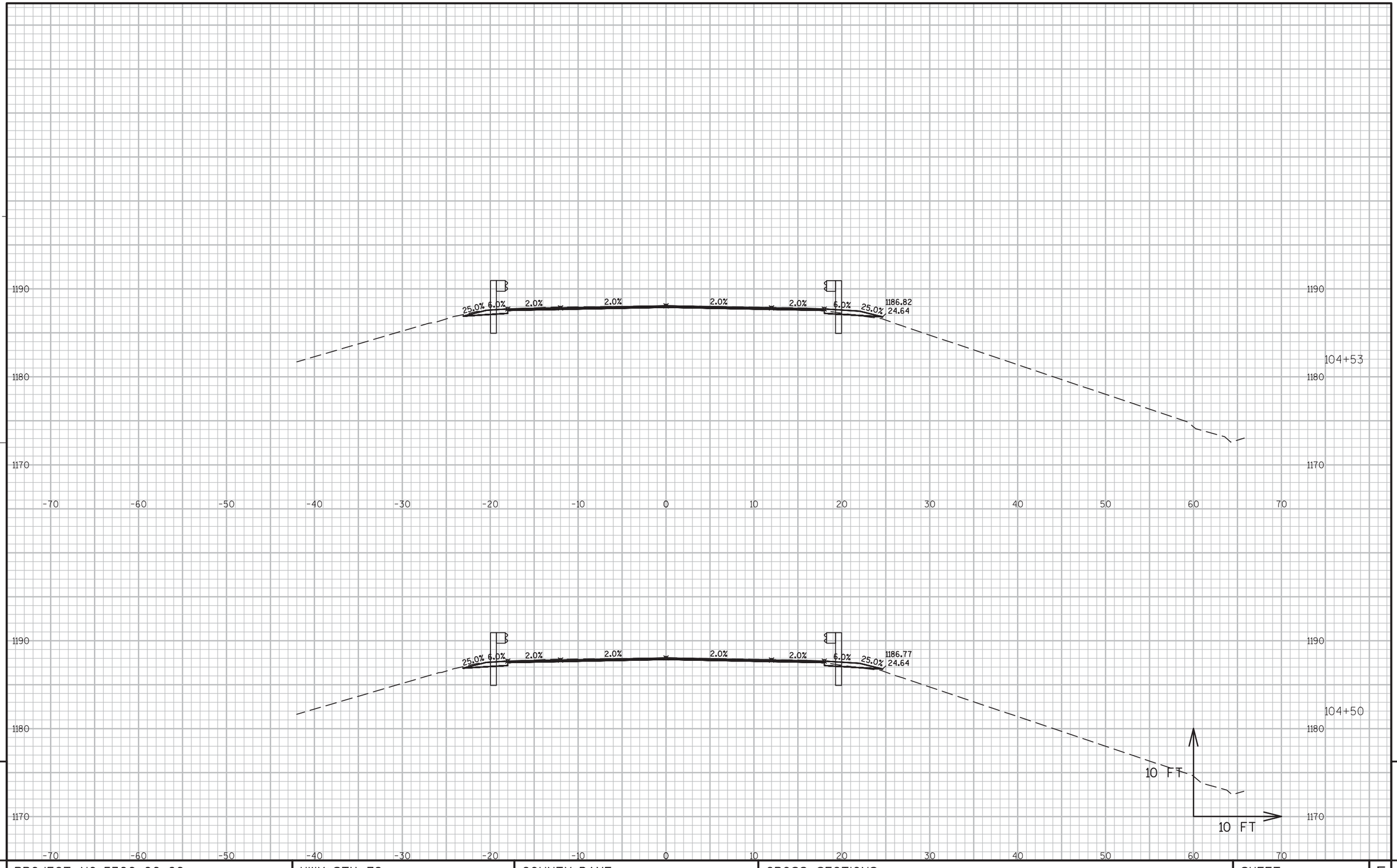


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 236	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

PLOT DATE : 3/2/2016 8:31 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

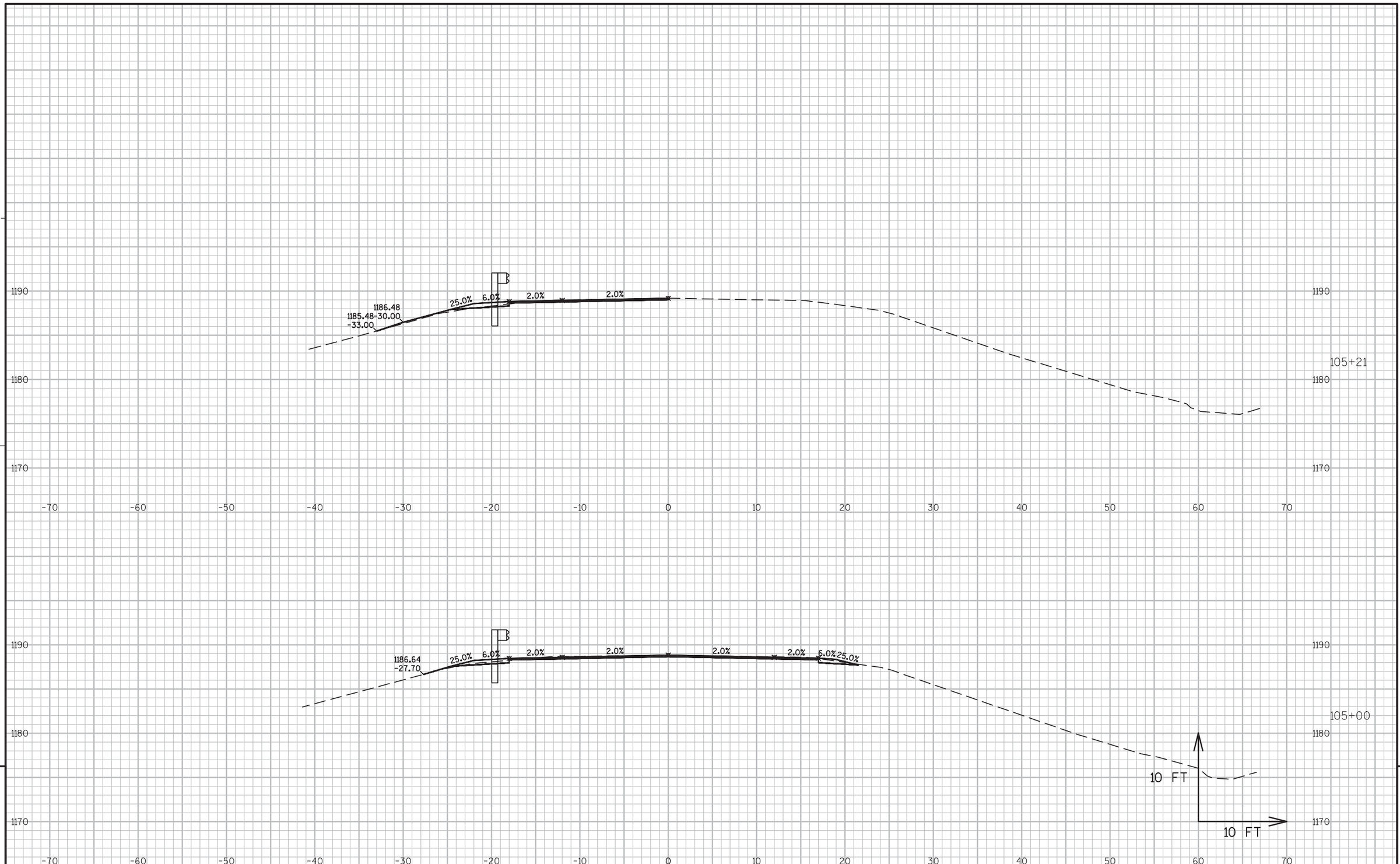
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY:DANE	CROSS SECTIONS ----	SHEET 237	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

PLOT DATE : 3/2/2016 8:31 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



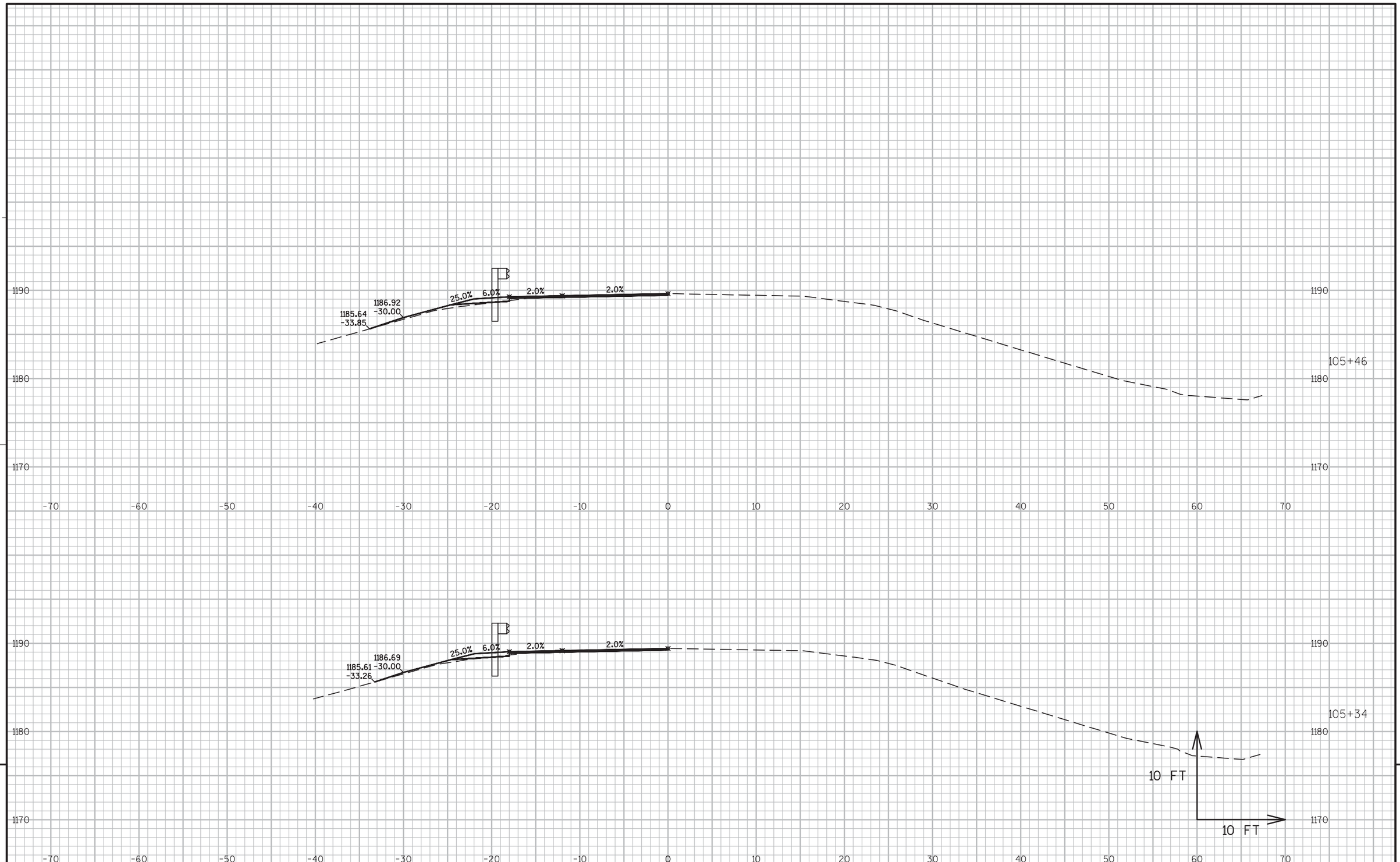
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 238	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

PLOT DATE : 3/2/2016 8:31 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

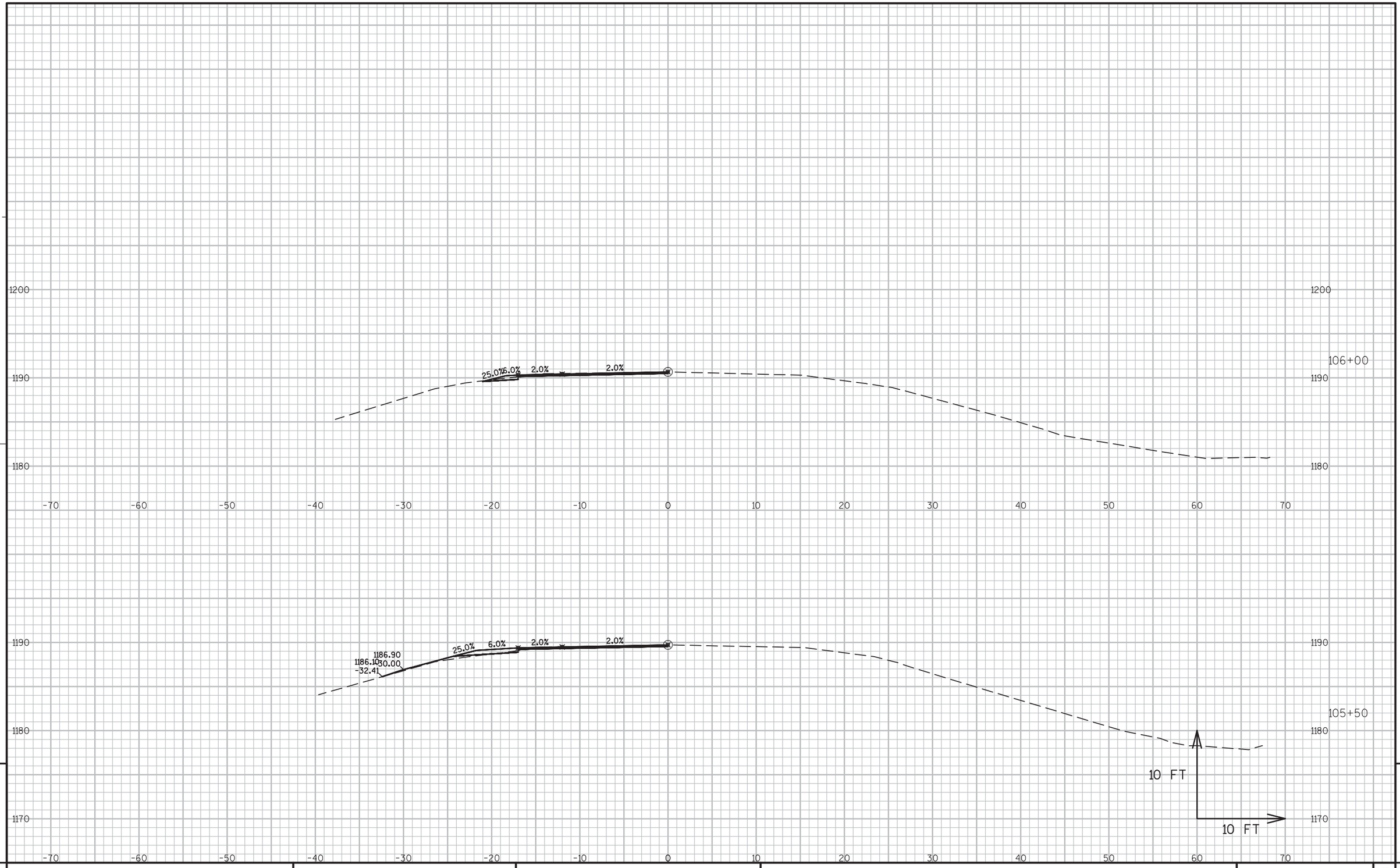
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 239	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 102-107

PLOT DATE : 3/2/2016 8:31 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

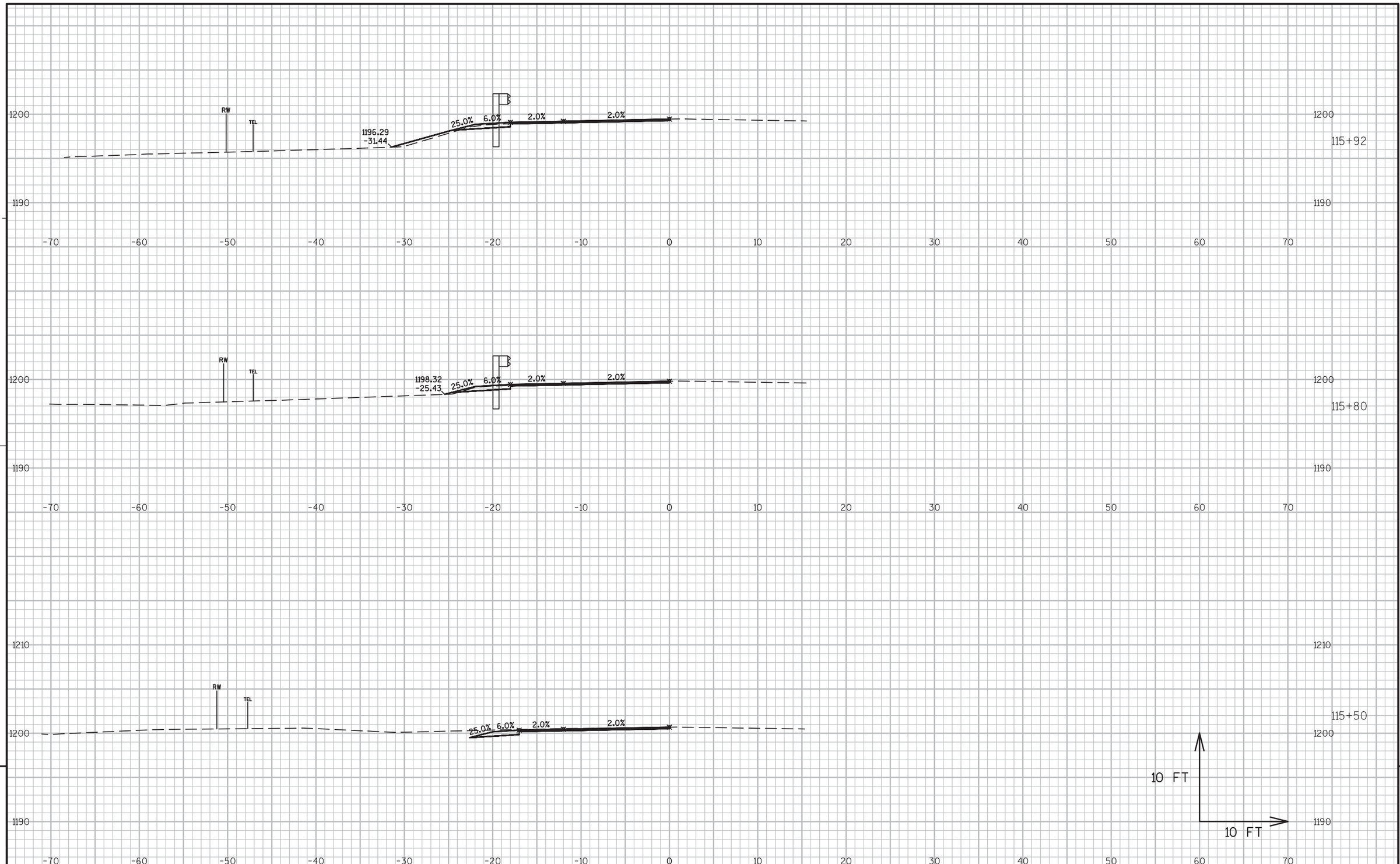
WISDOT/CADDS SHEET 49



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 240	E



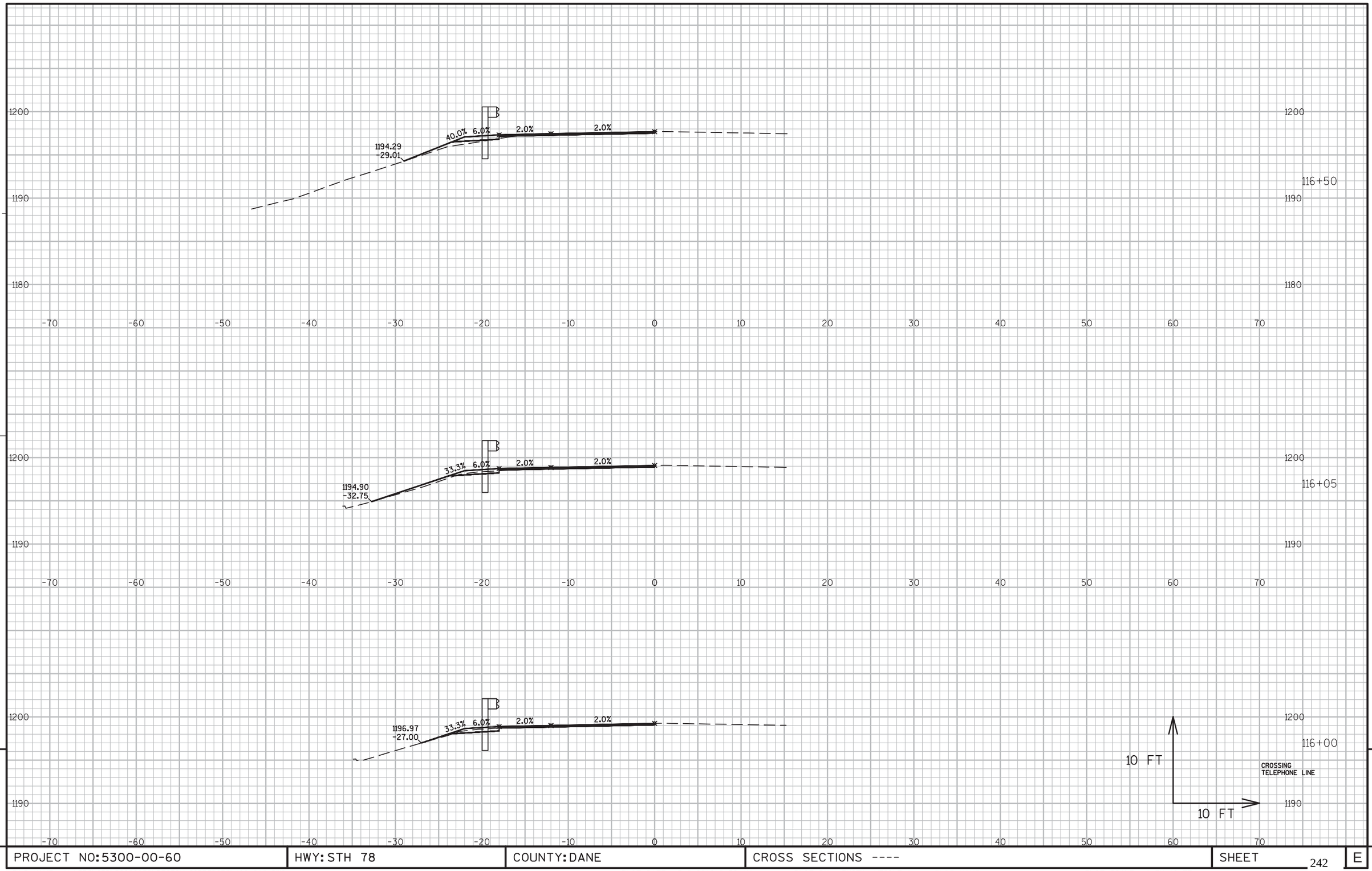
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 241	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:32 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



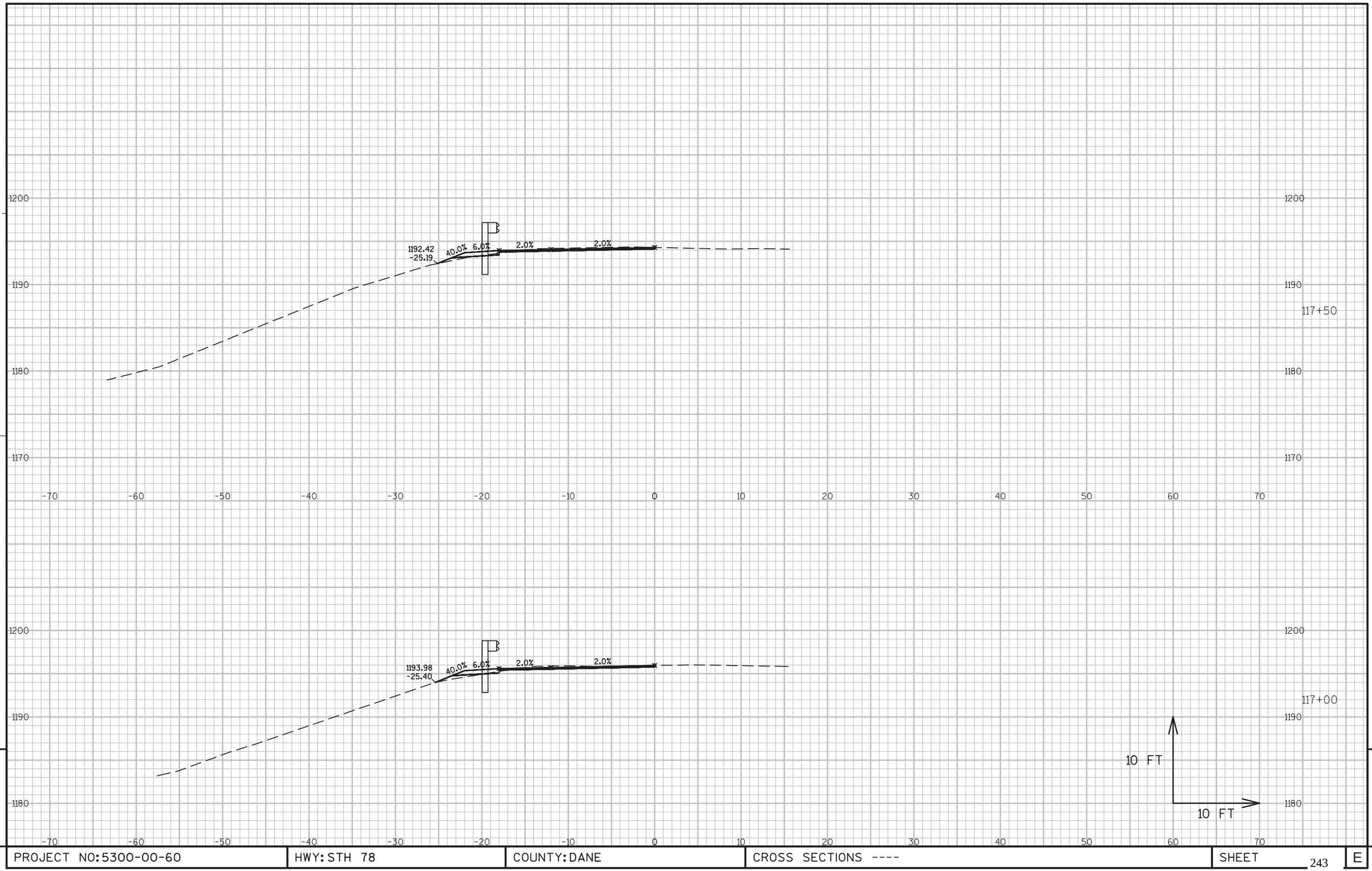
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 242	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:32 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



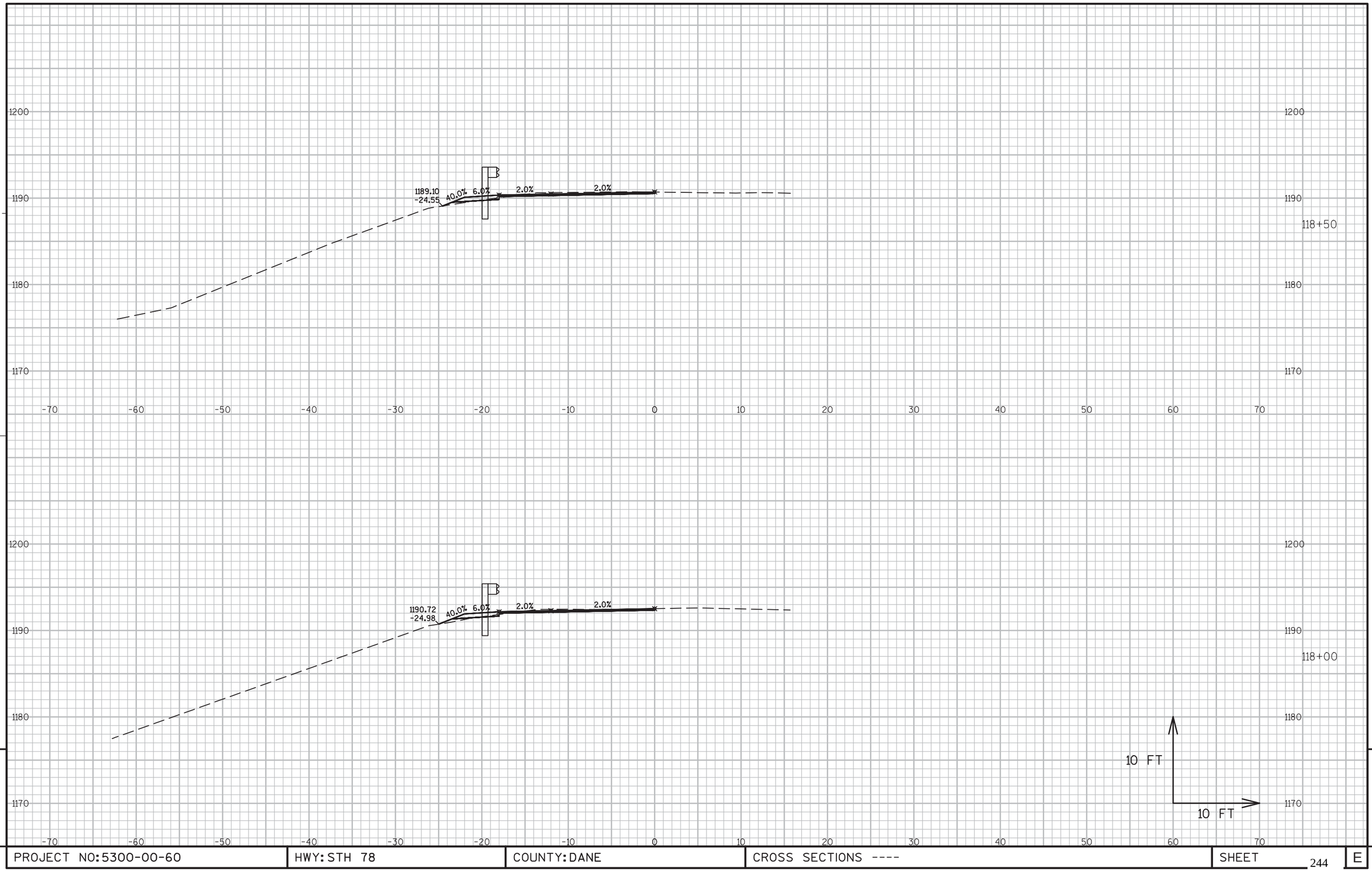
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 243	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:32 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



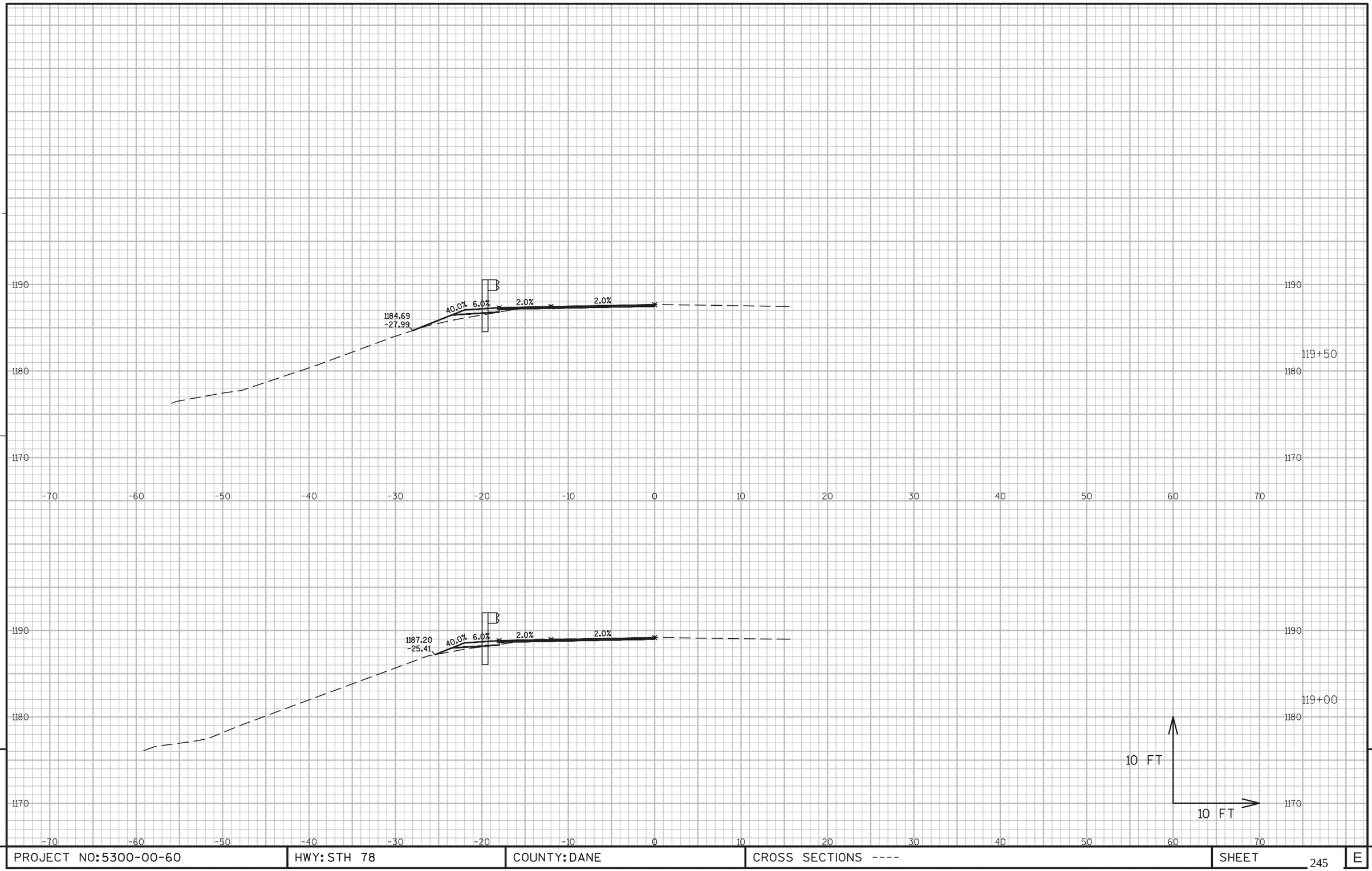
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 244	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:32 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



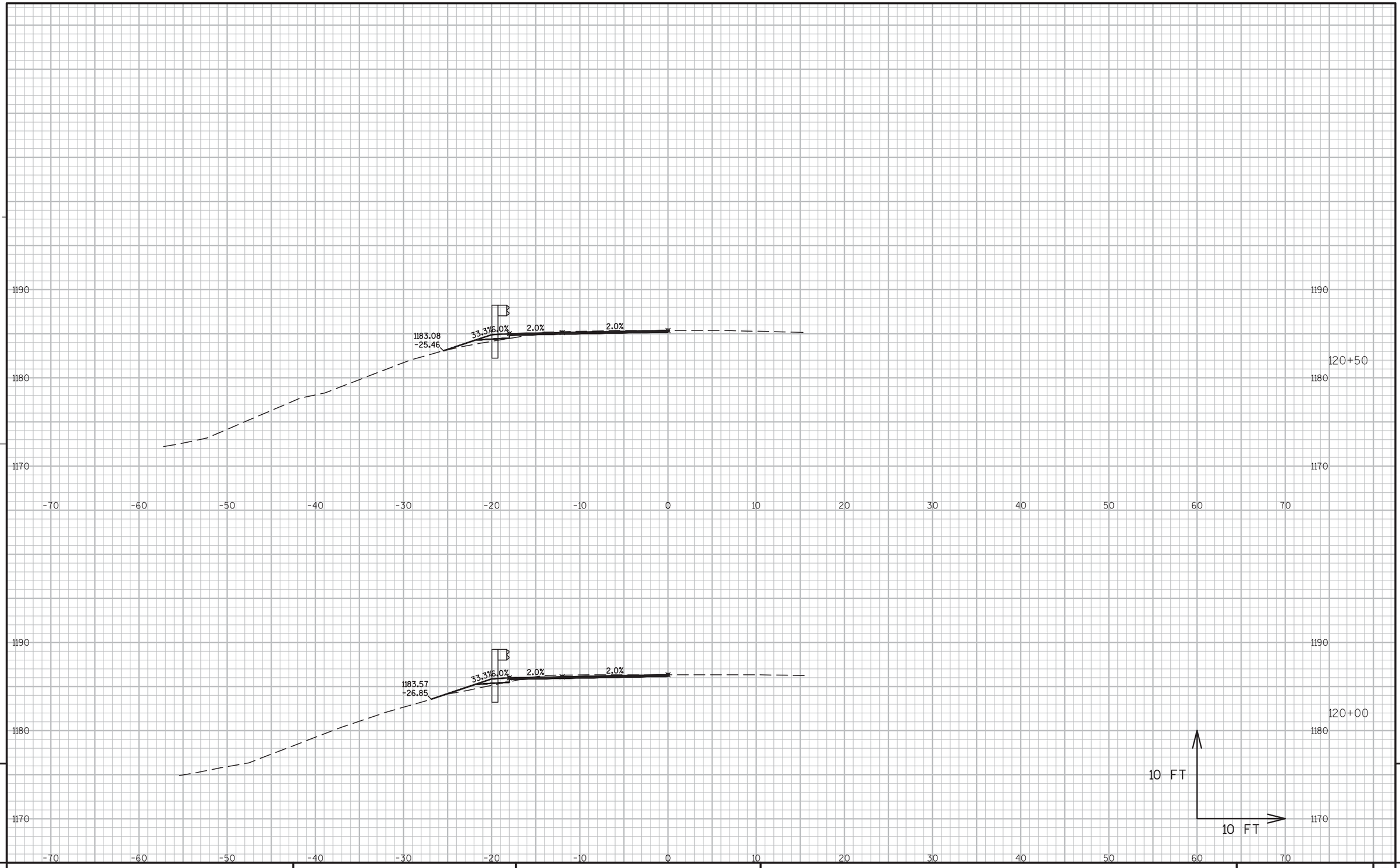
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 245	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:32 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



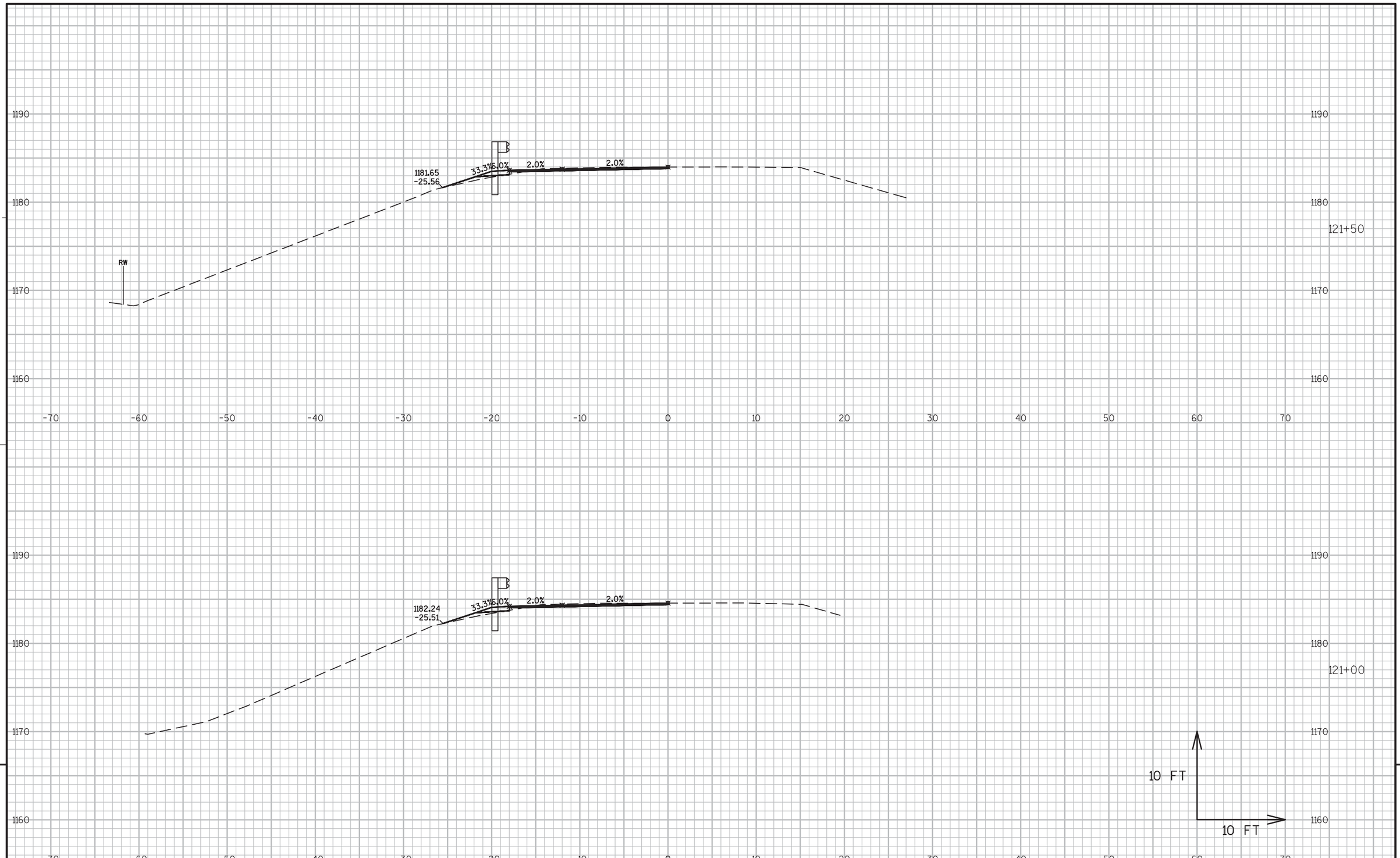
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 246	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:33 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

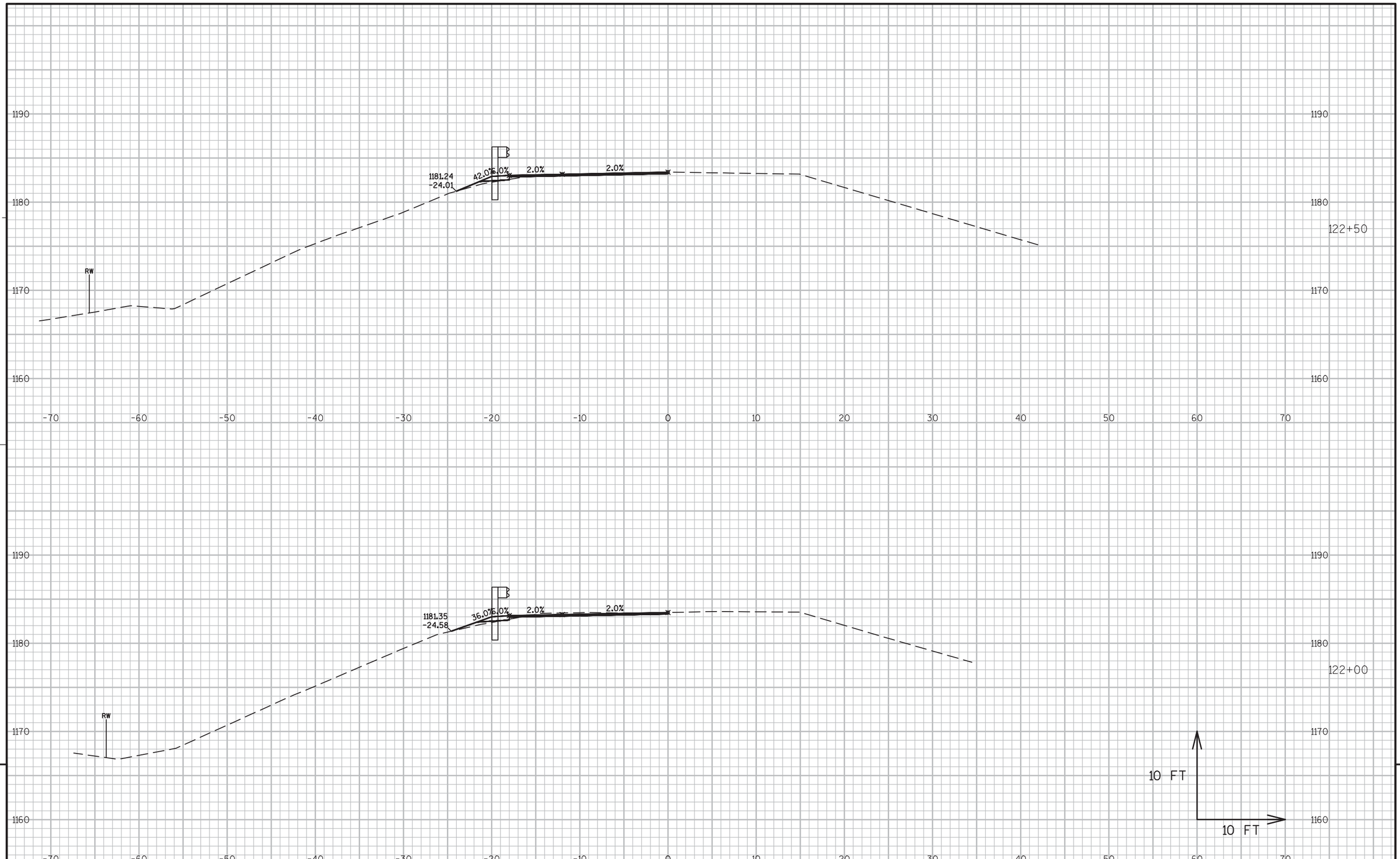
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 247	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:33 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



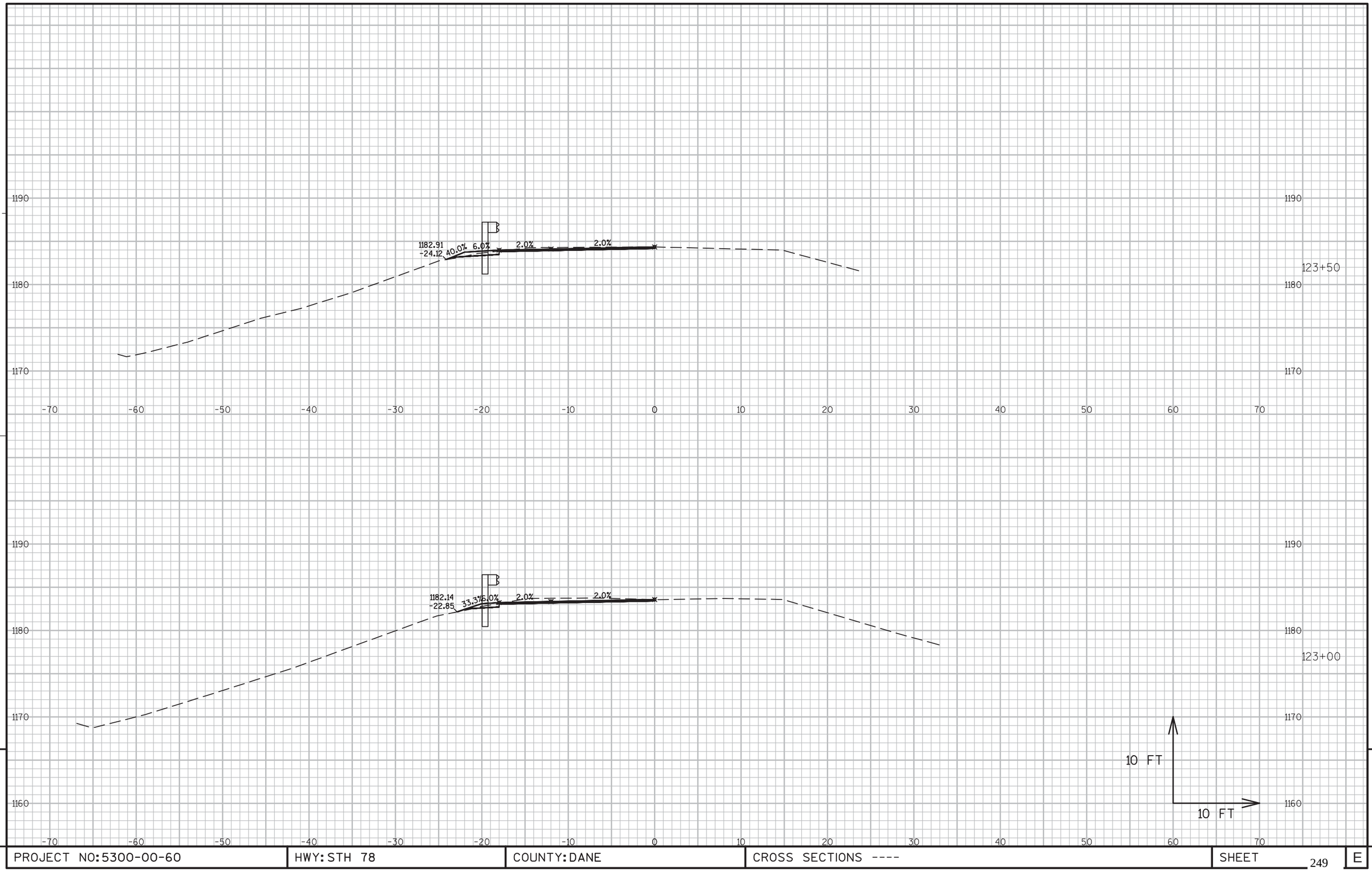
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 248	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:33 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



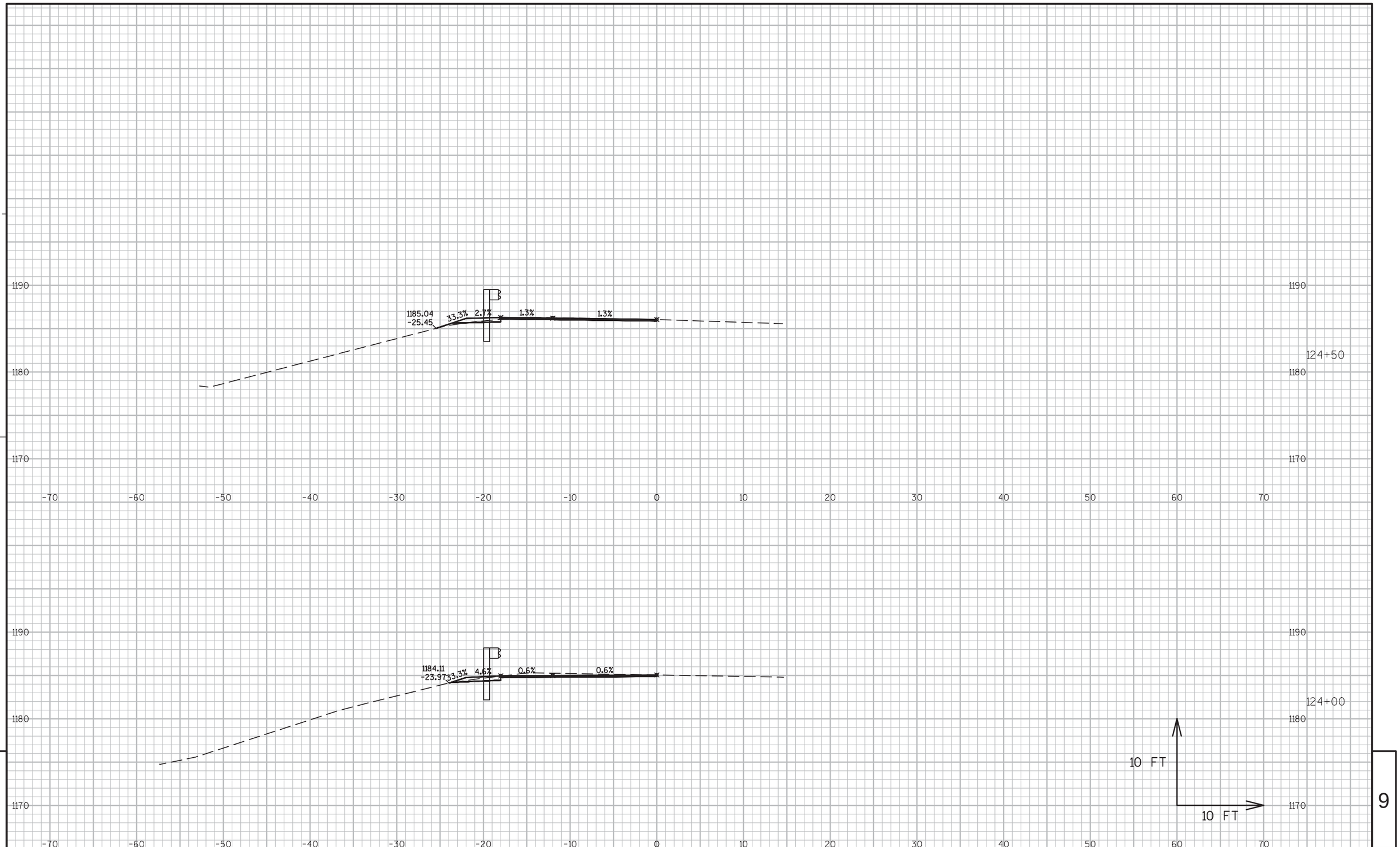
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 249	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

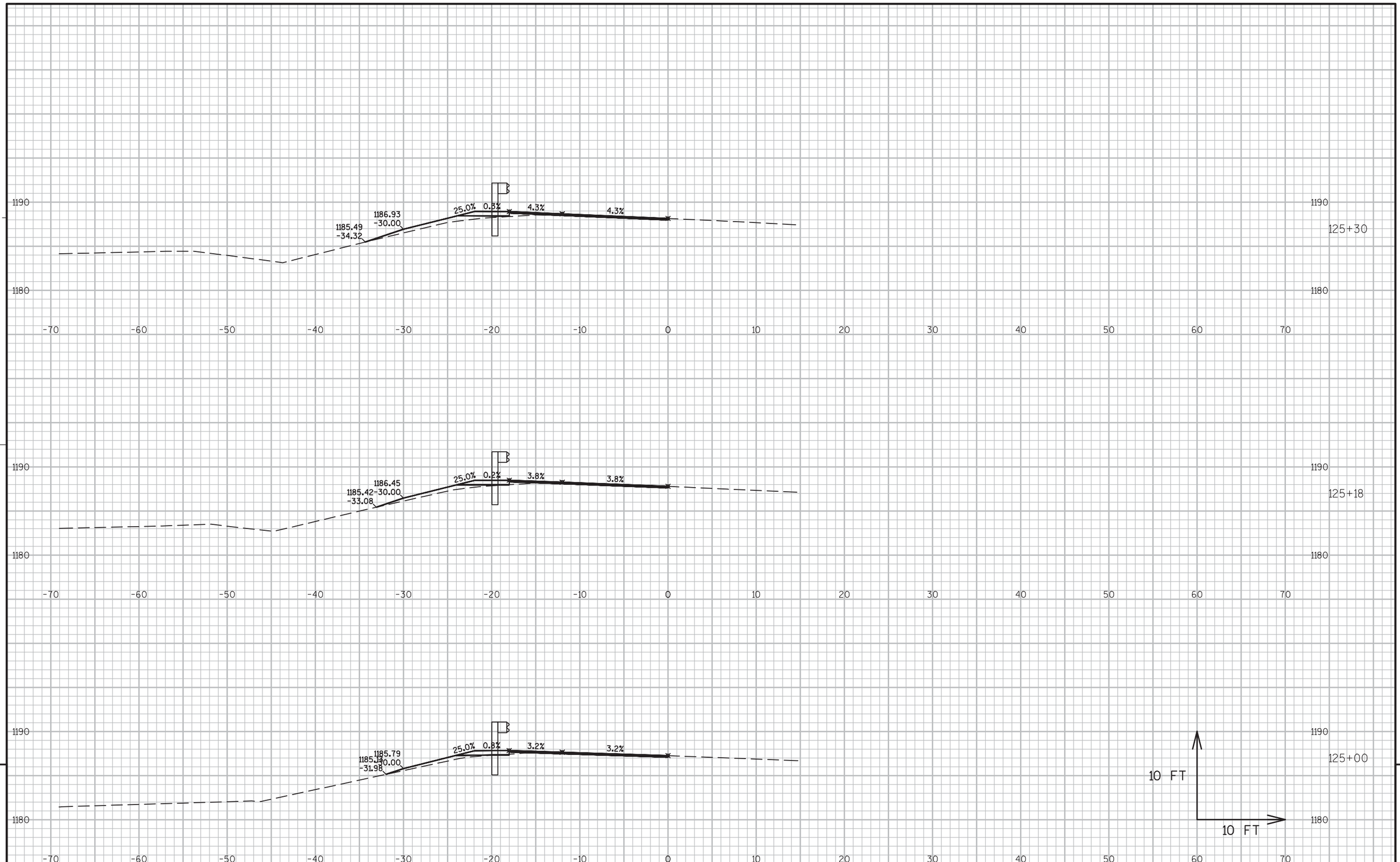
PLOT DATE : 3/2/2016 8:33 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 250	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:33 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

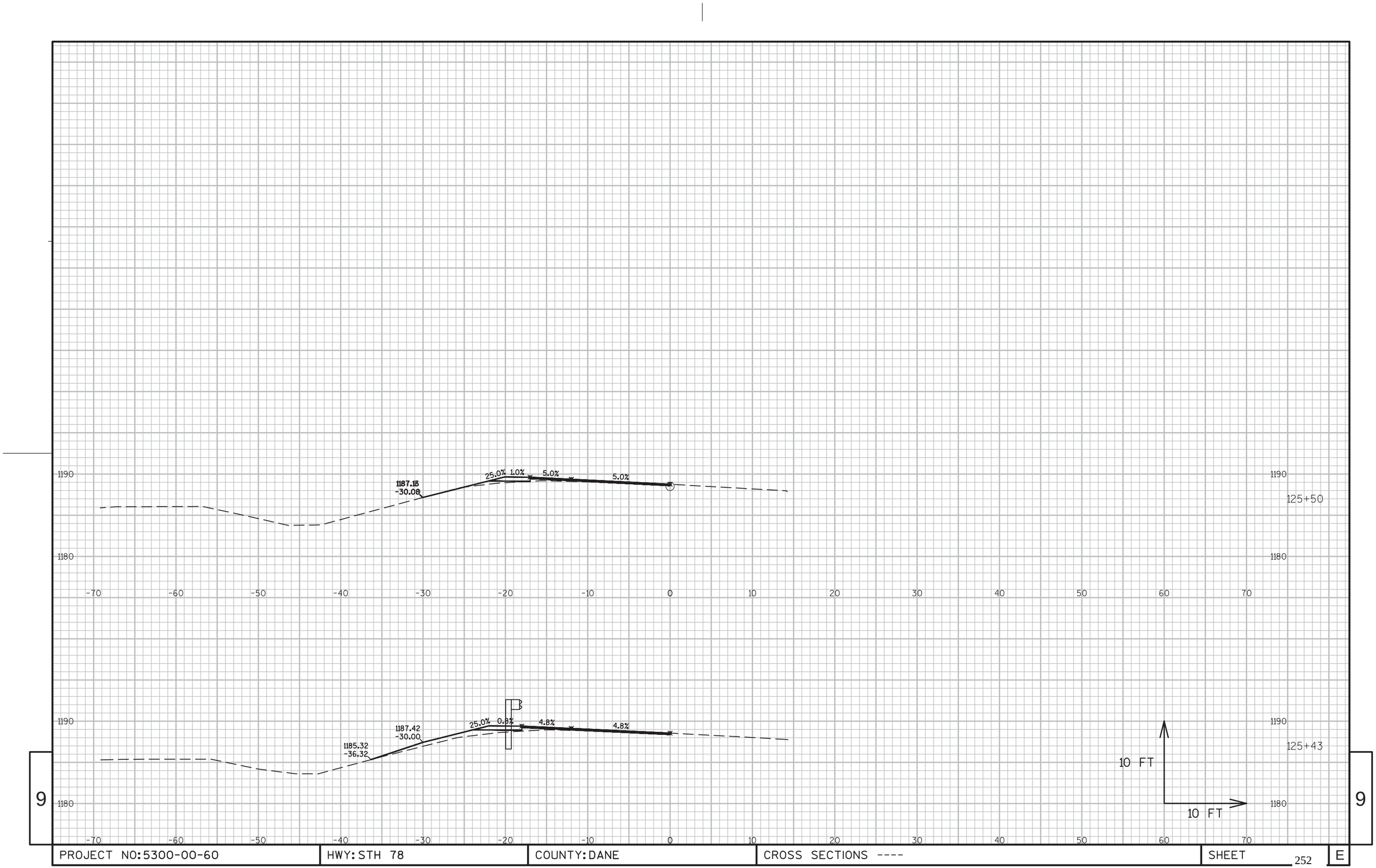
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 251	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:33 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

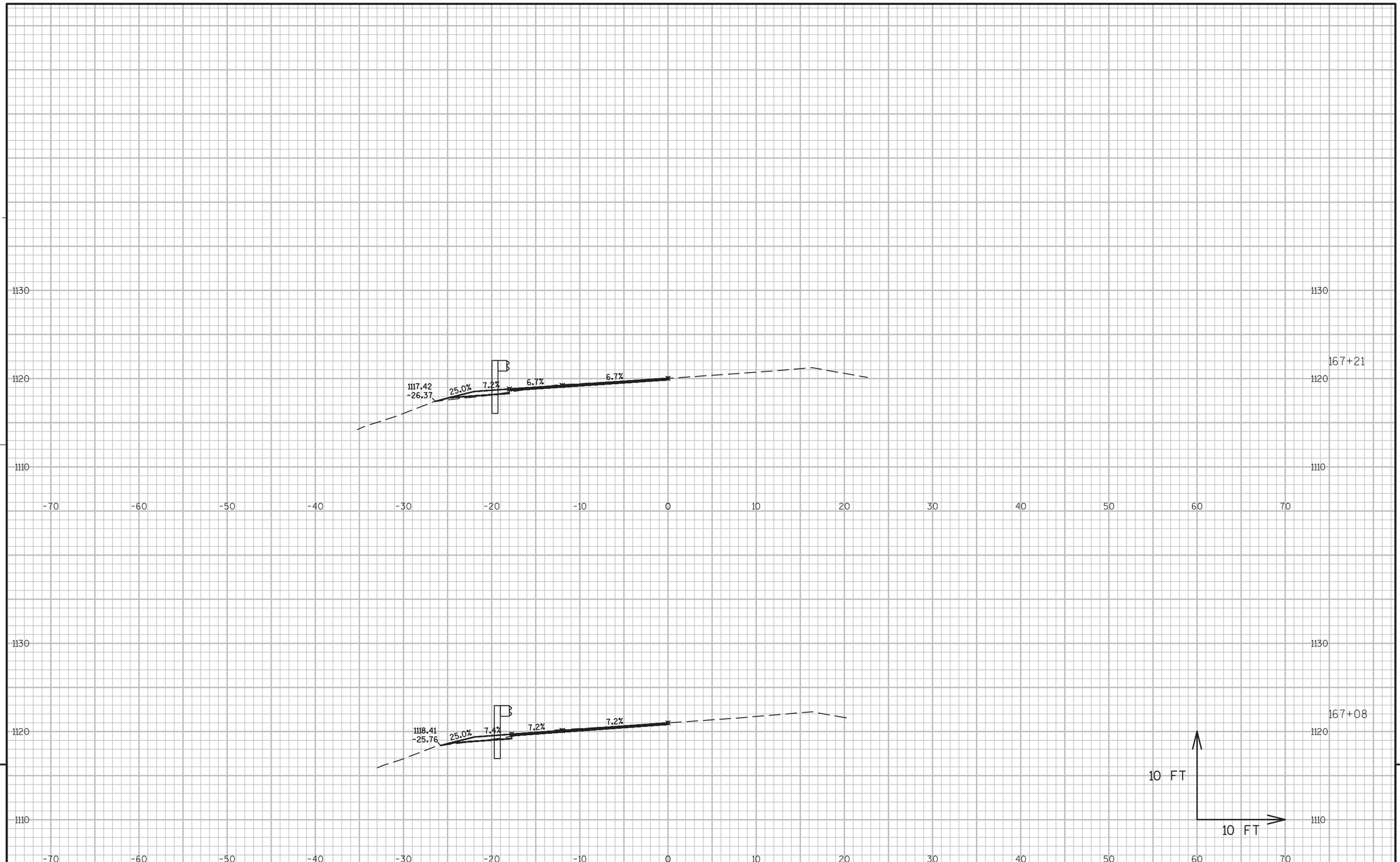
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 252	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 115-126

PLOT DATE : 3/2/2016 8:34 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

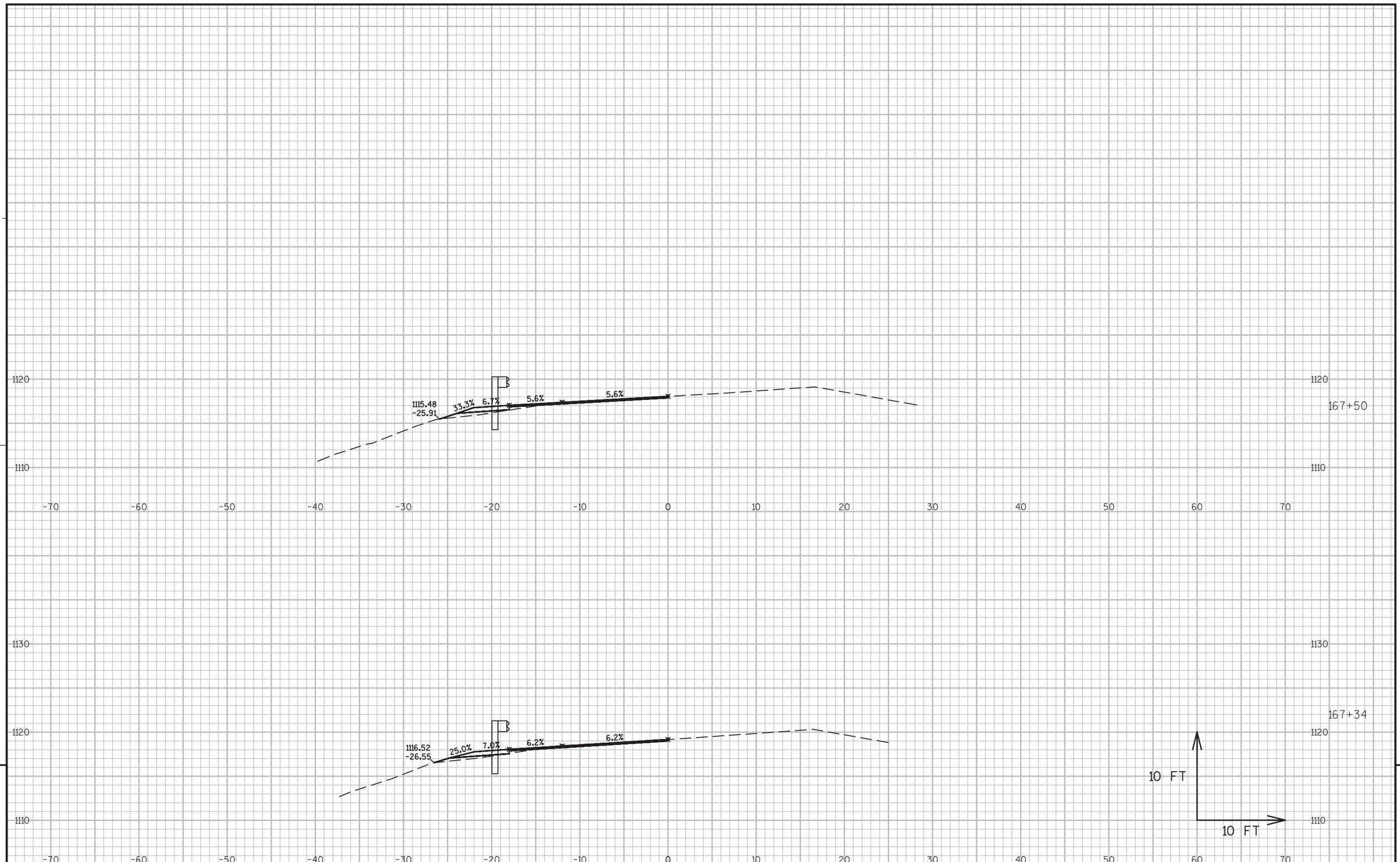
WISDOT/CADDS SHEET 49



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 253	E



9

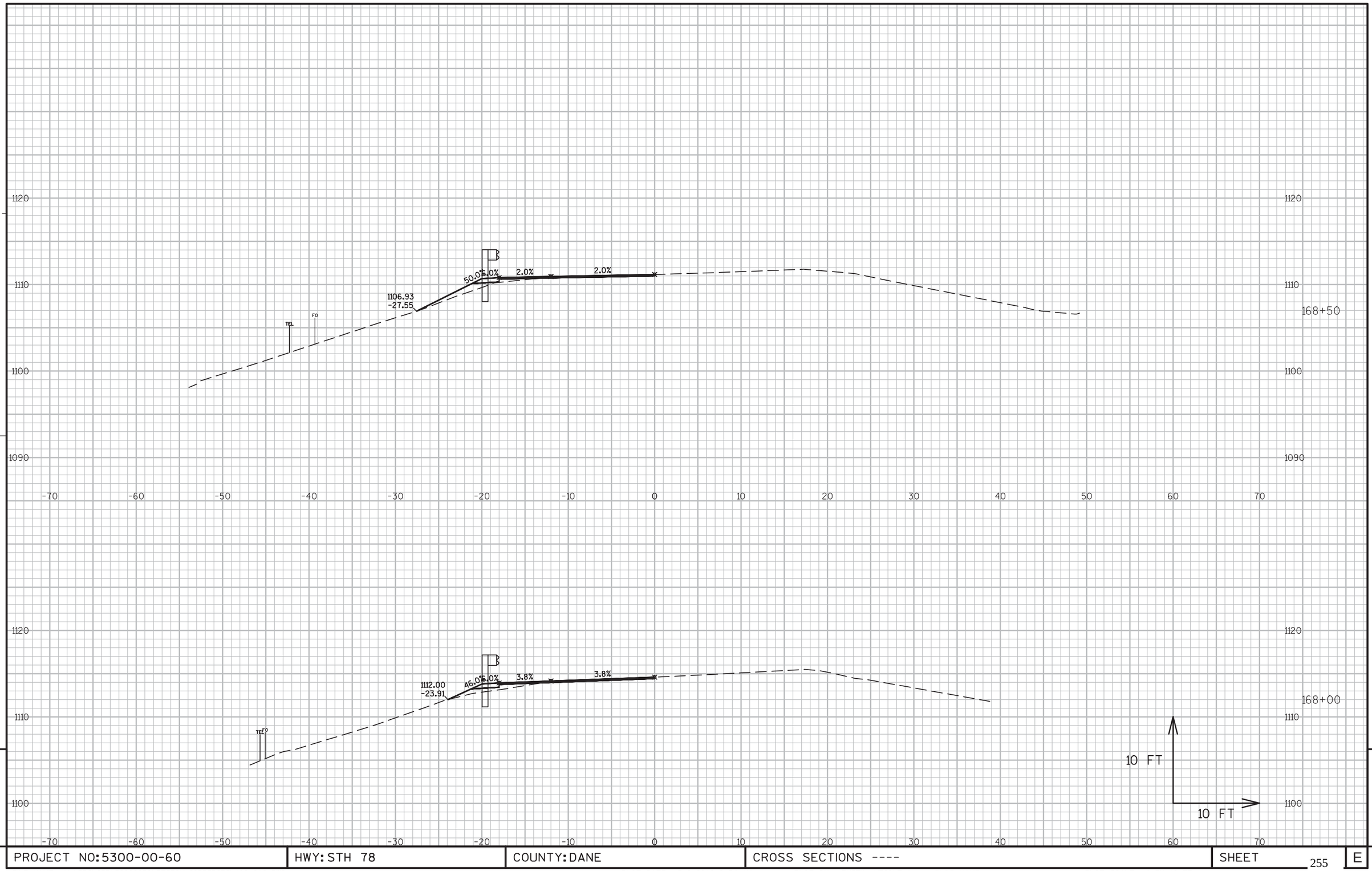
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 254	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:34 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



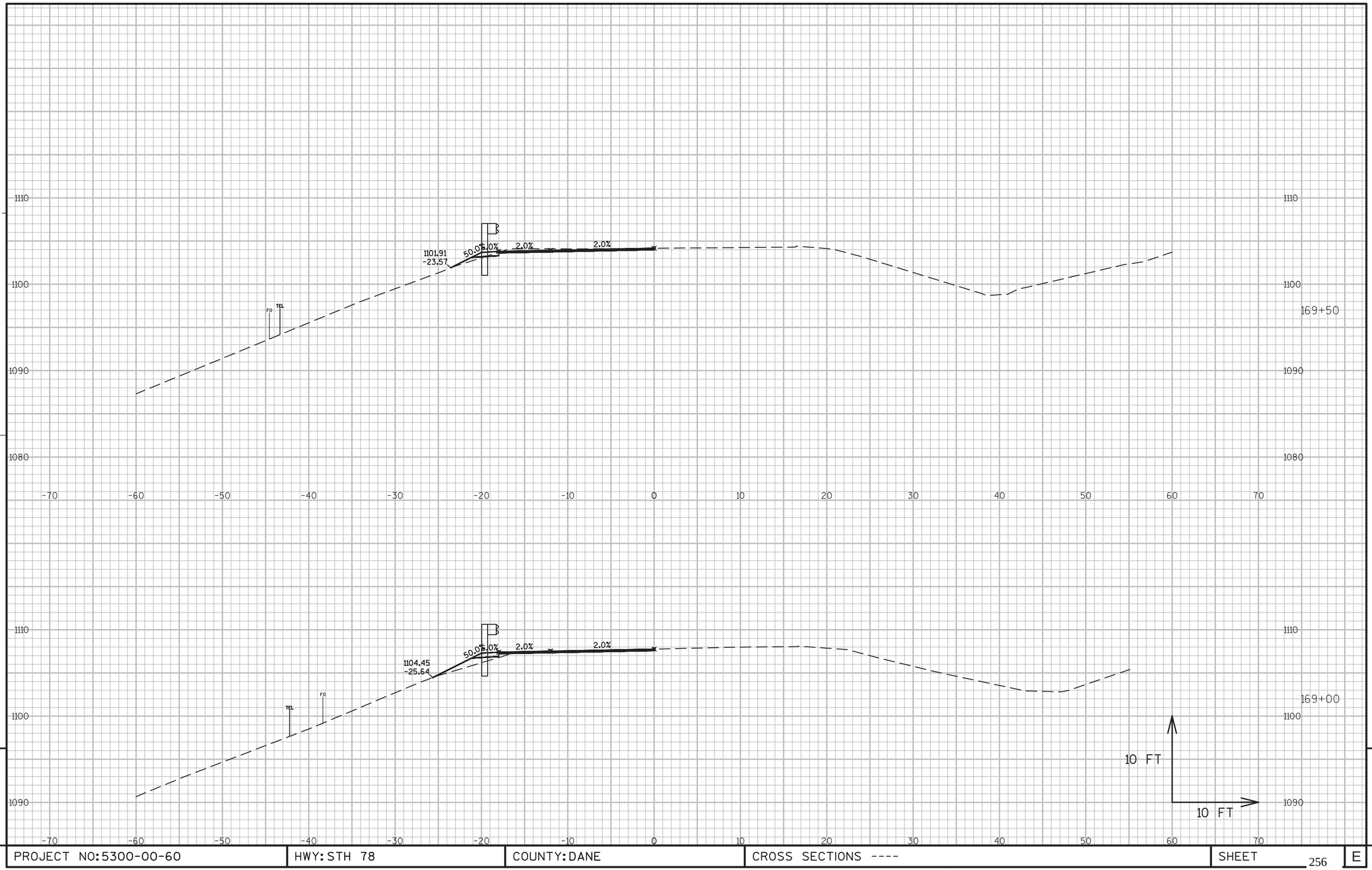
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 255	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:34 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



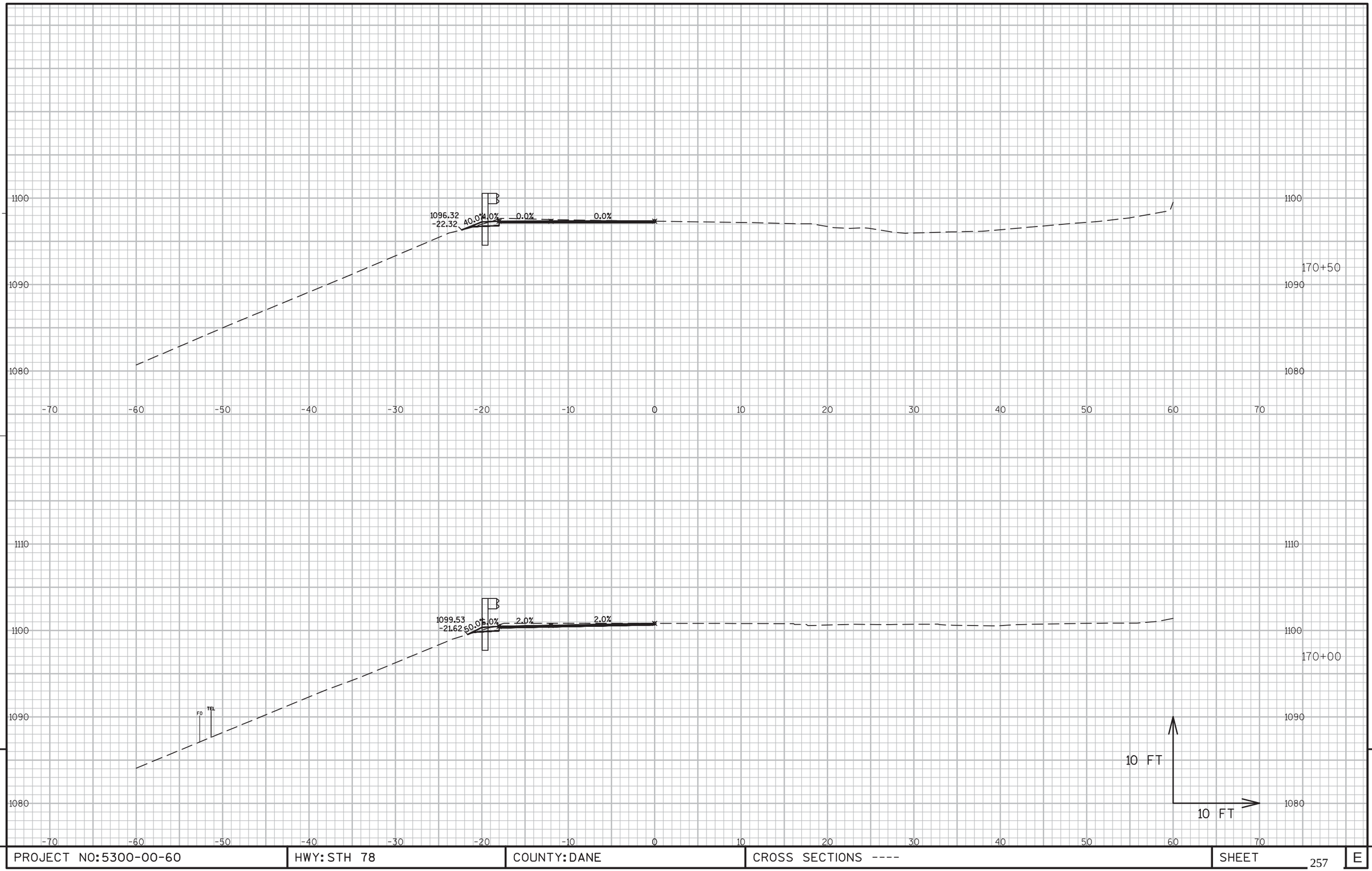
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 256	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

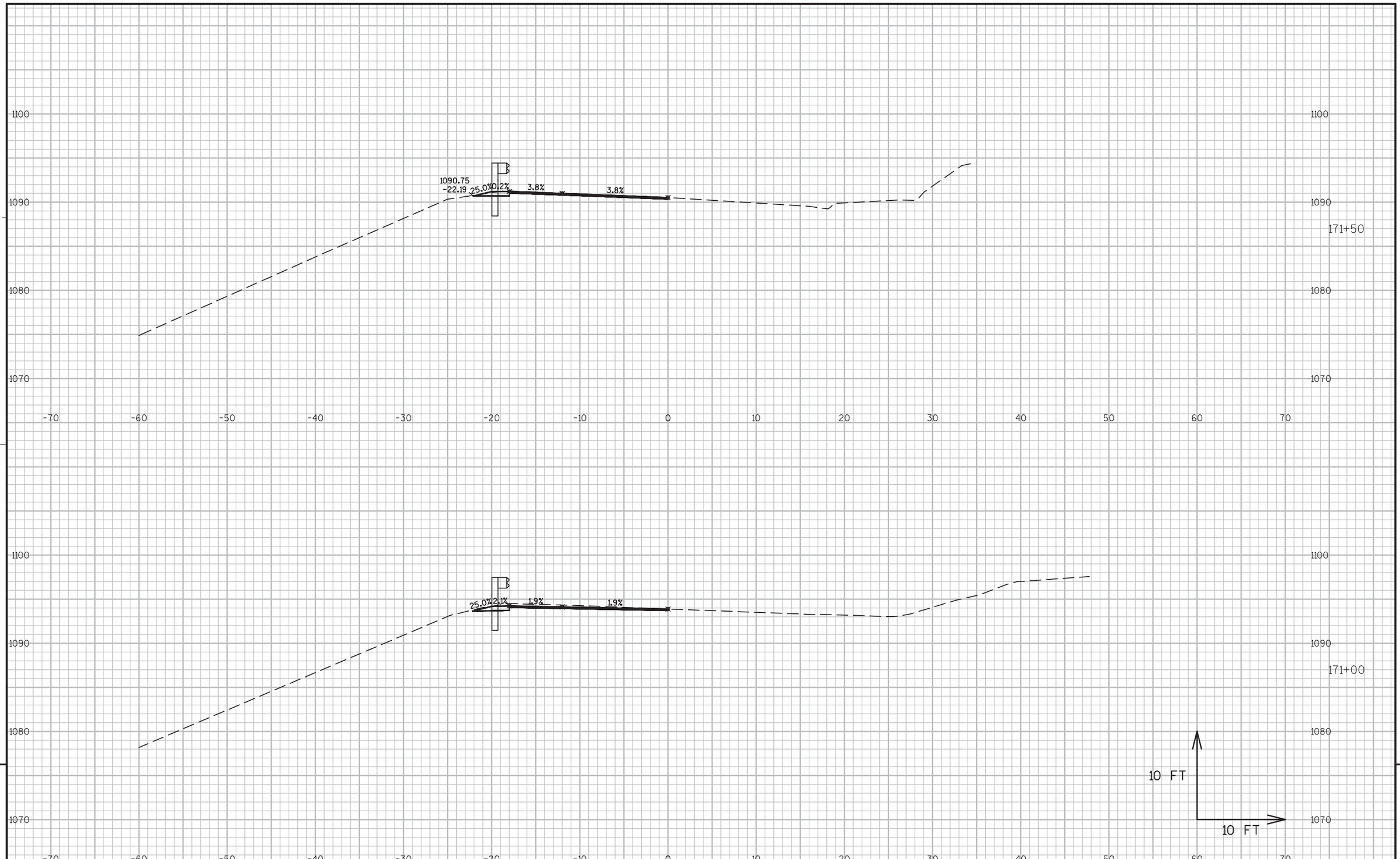
PLOT DATE : 3/2/2016 8:34 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 257	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:35 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



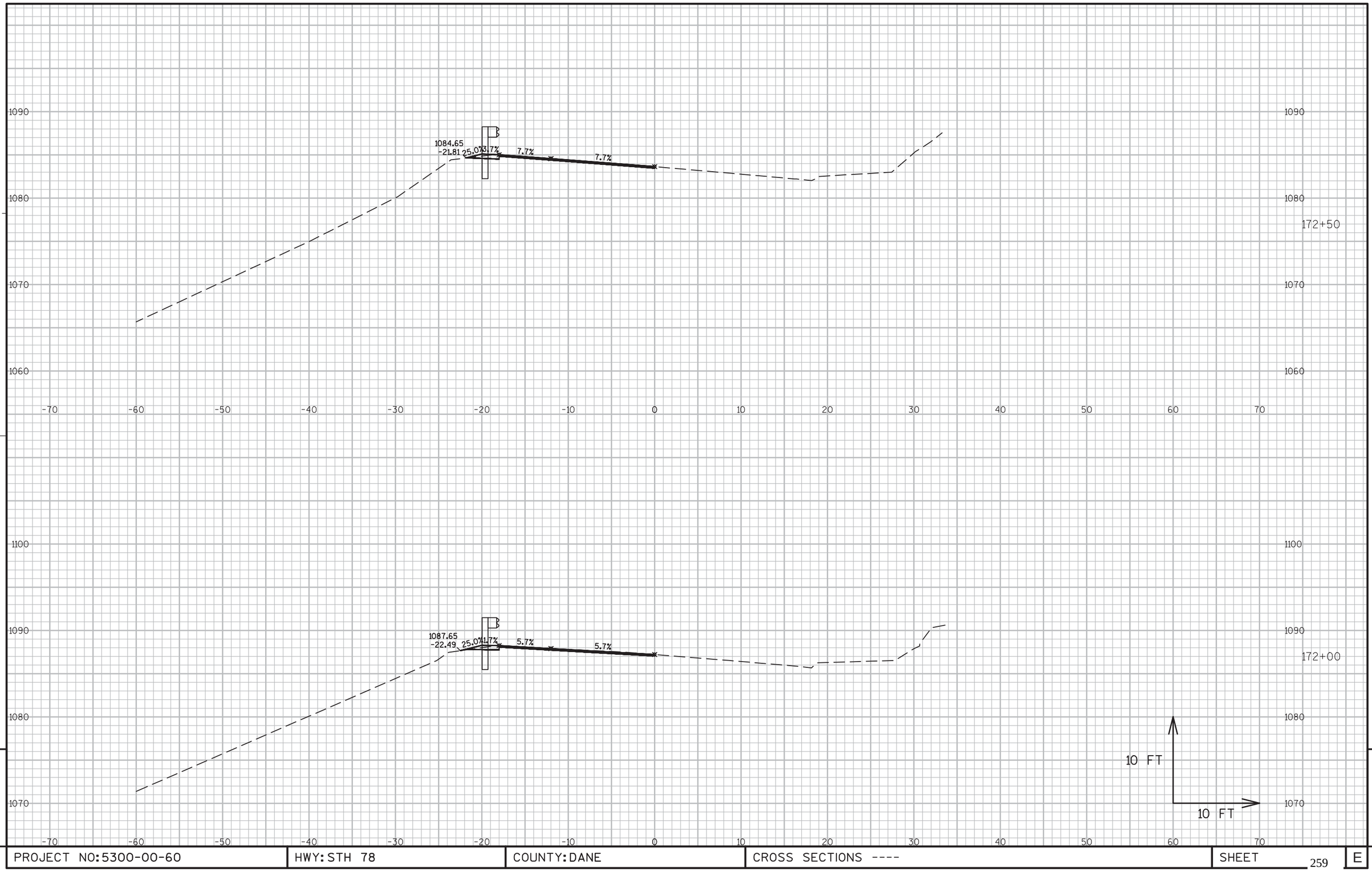
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 258	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:35 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



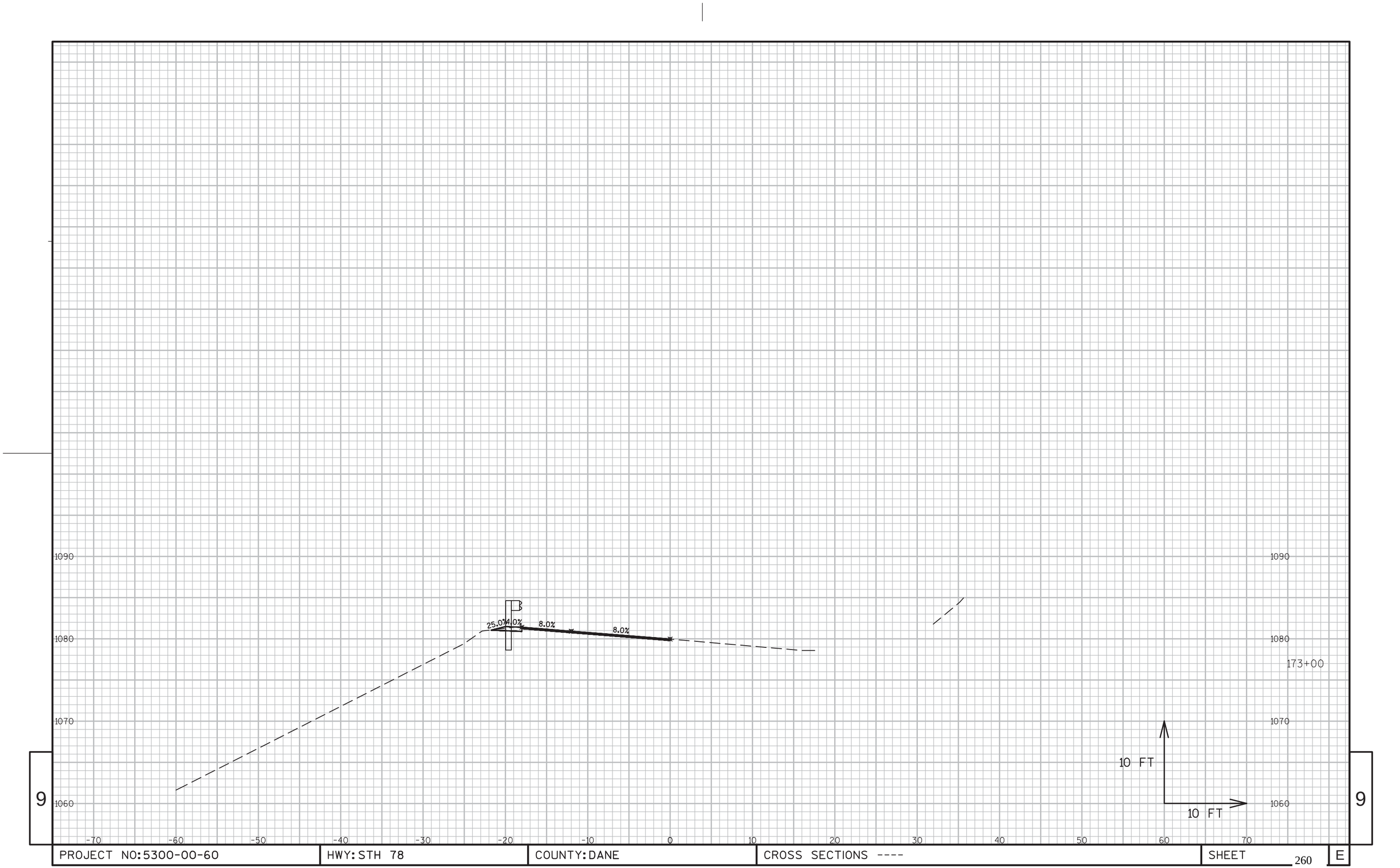
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 259	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

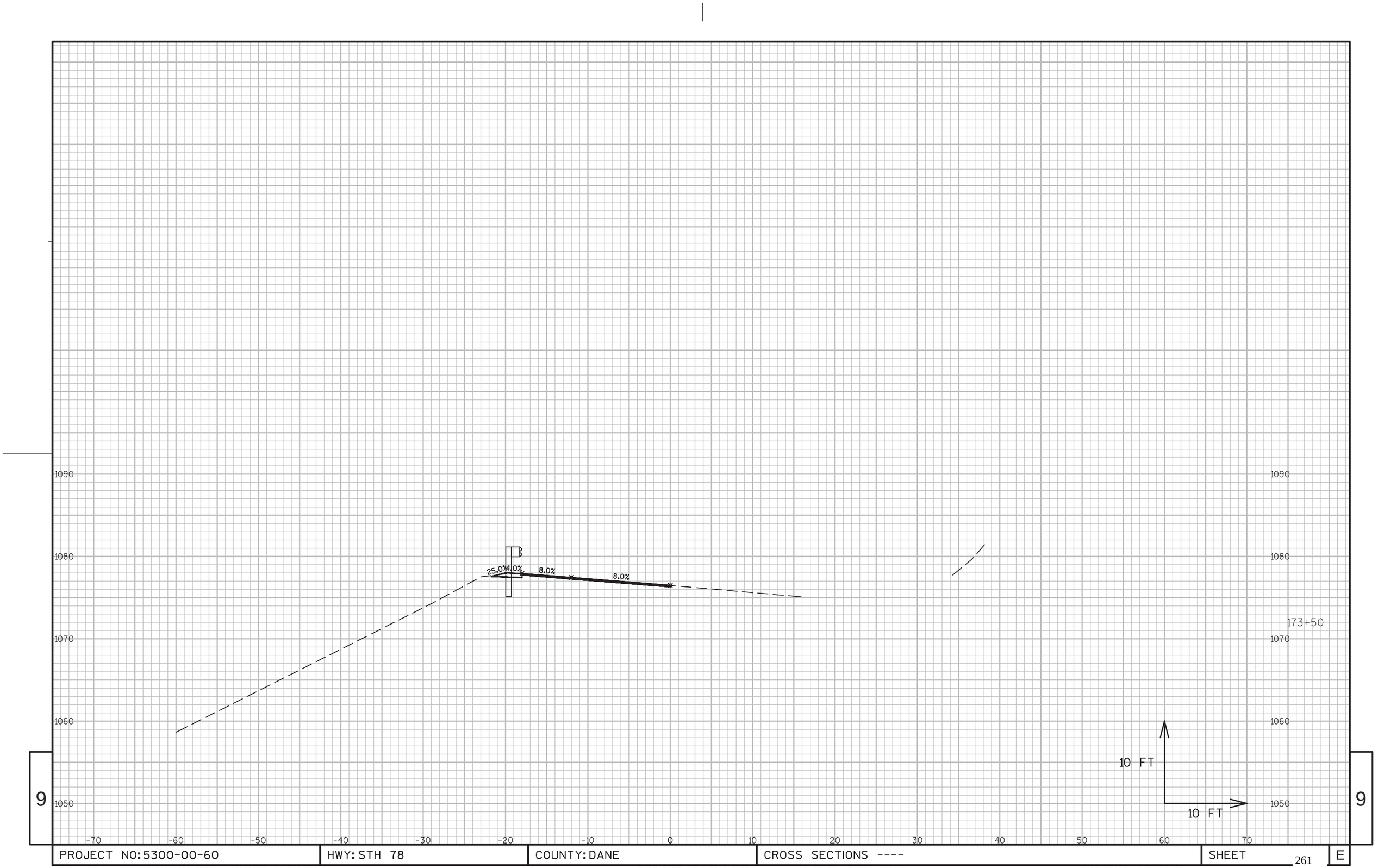
PLOT DATE : 3/2/2016 8:35 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



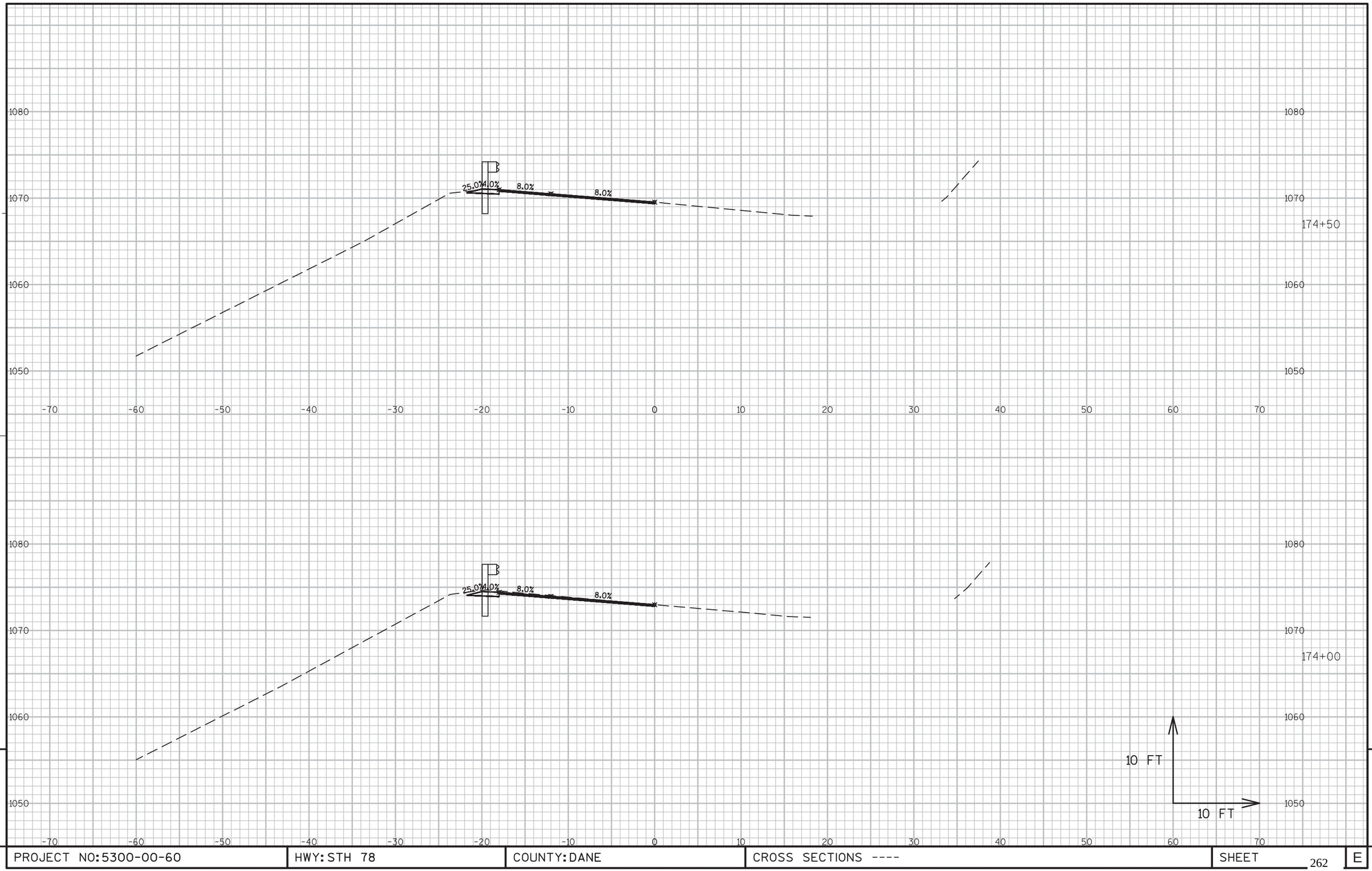
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 260	E



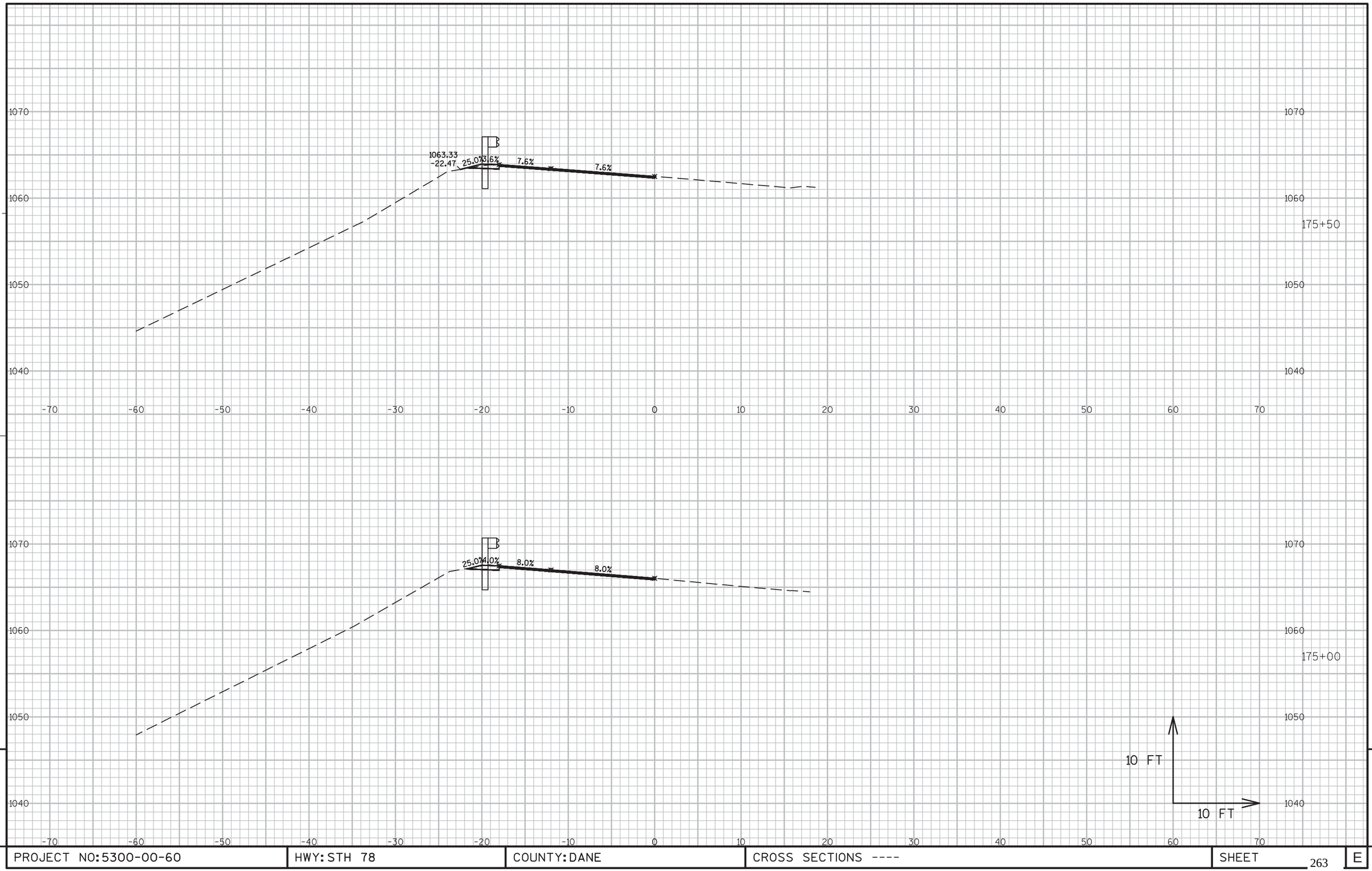
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 261	E



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 262	E



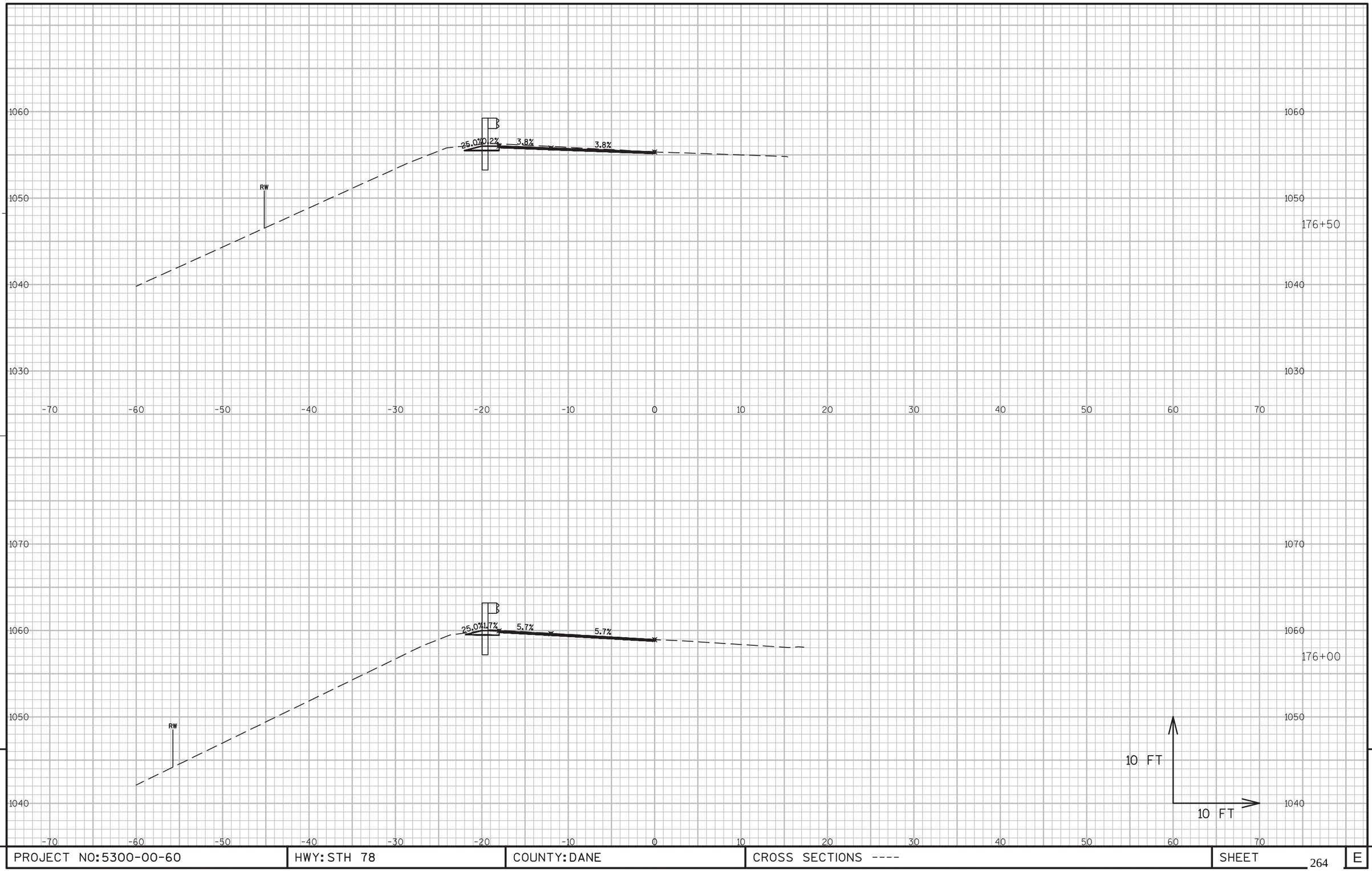
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 263	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:36 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



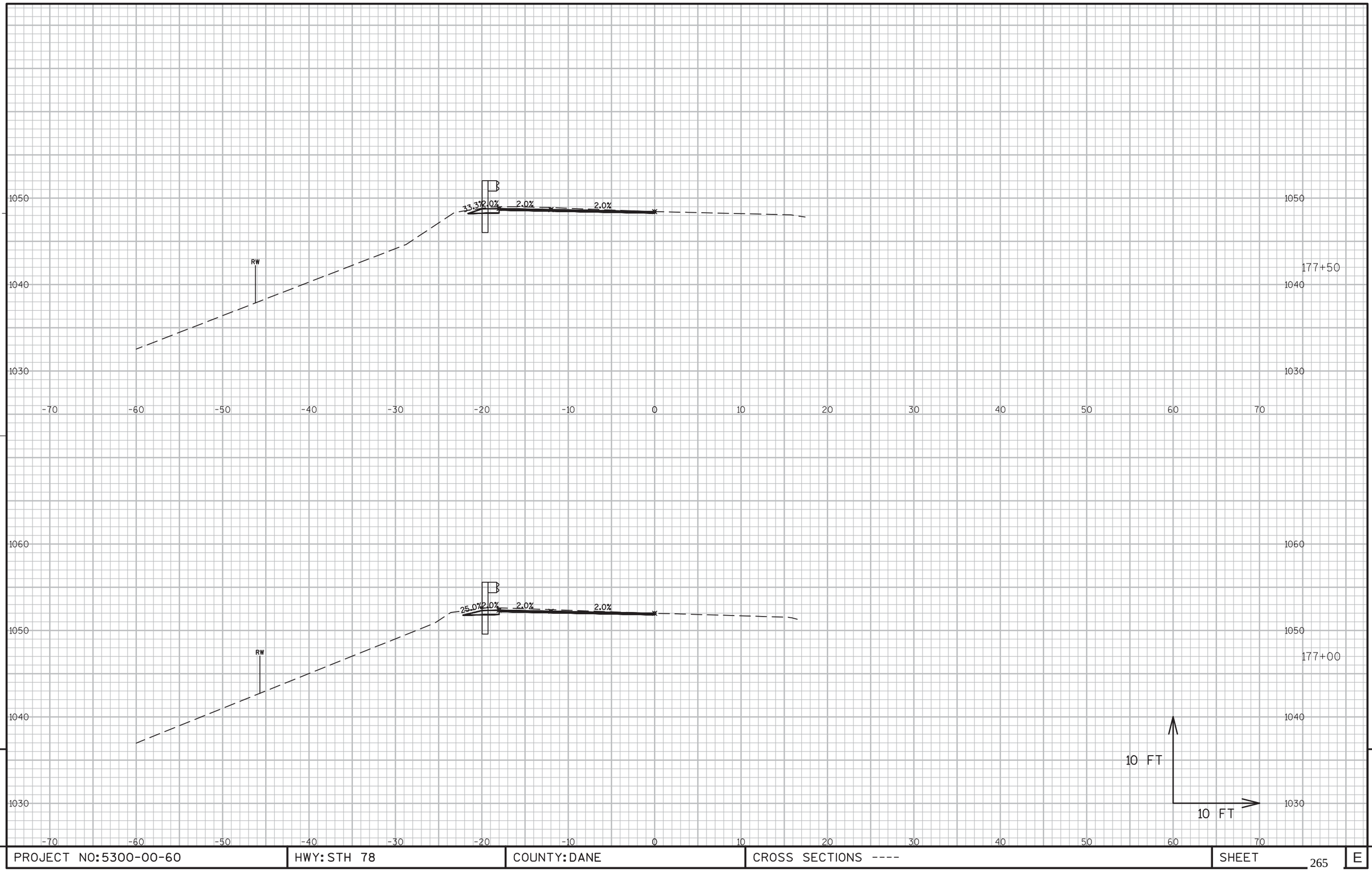
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 264	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:36 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



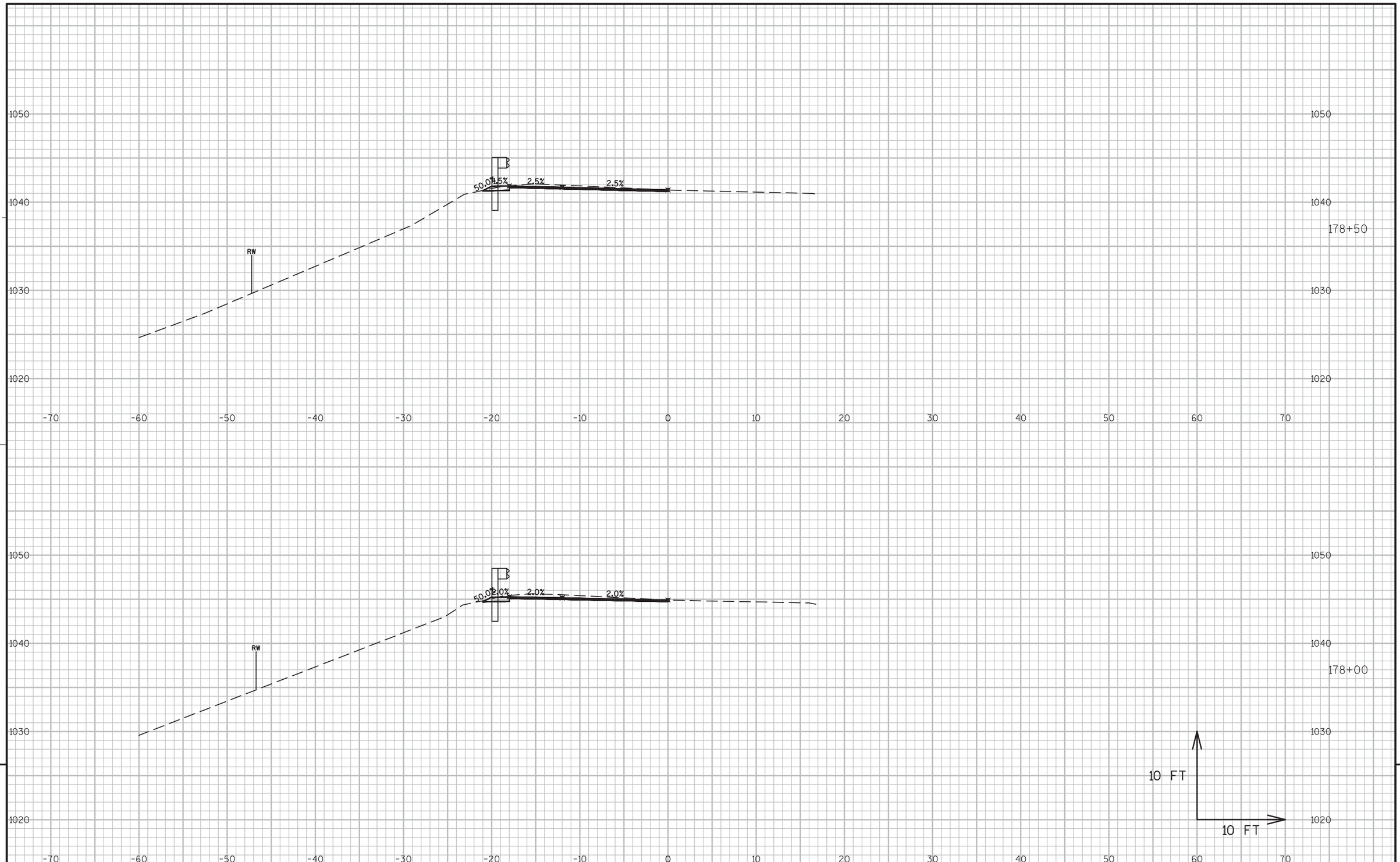
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 265	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:36 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



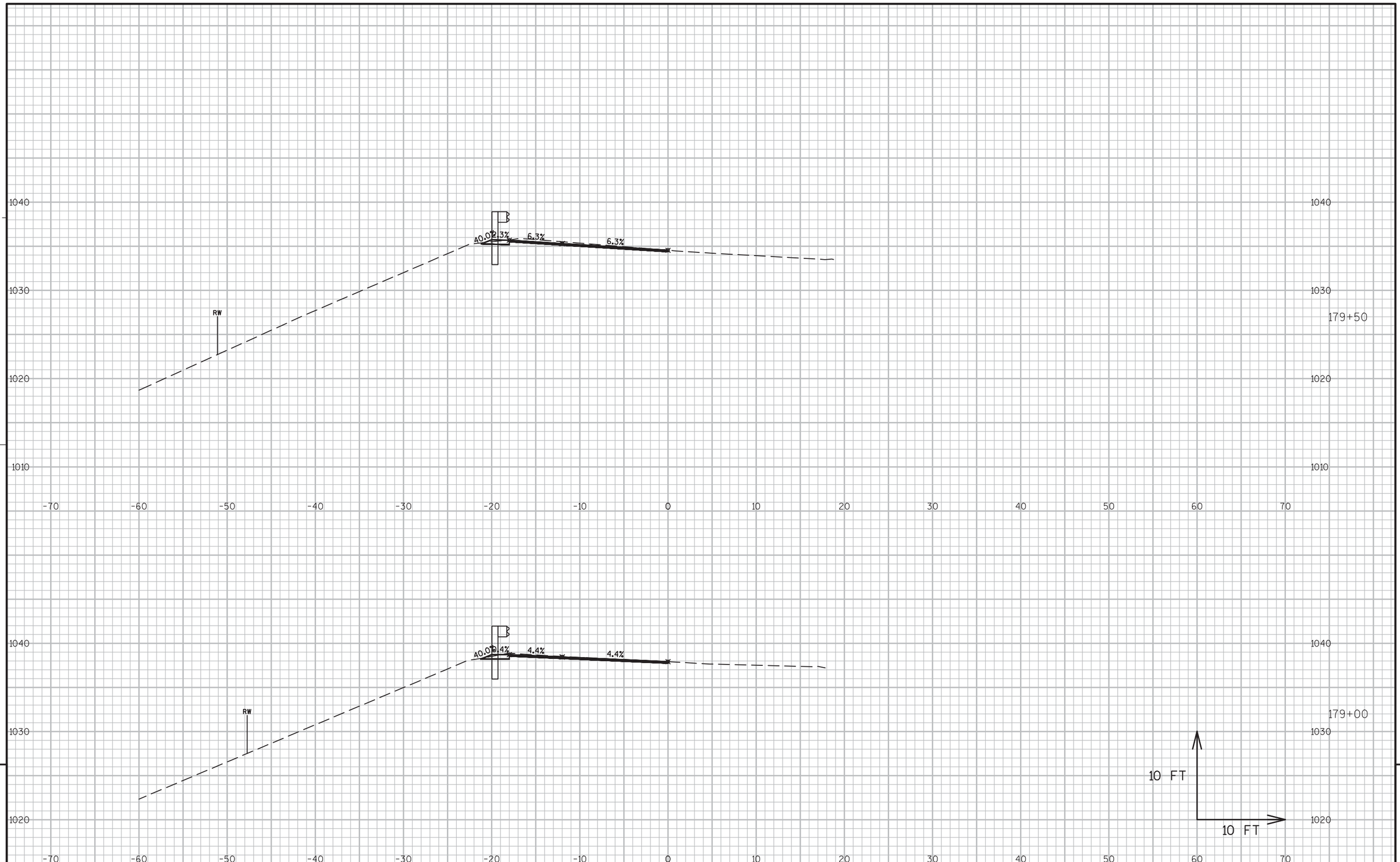
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 266	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

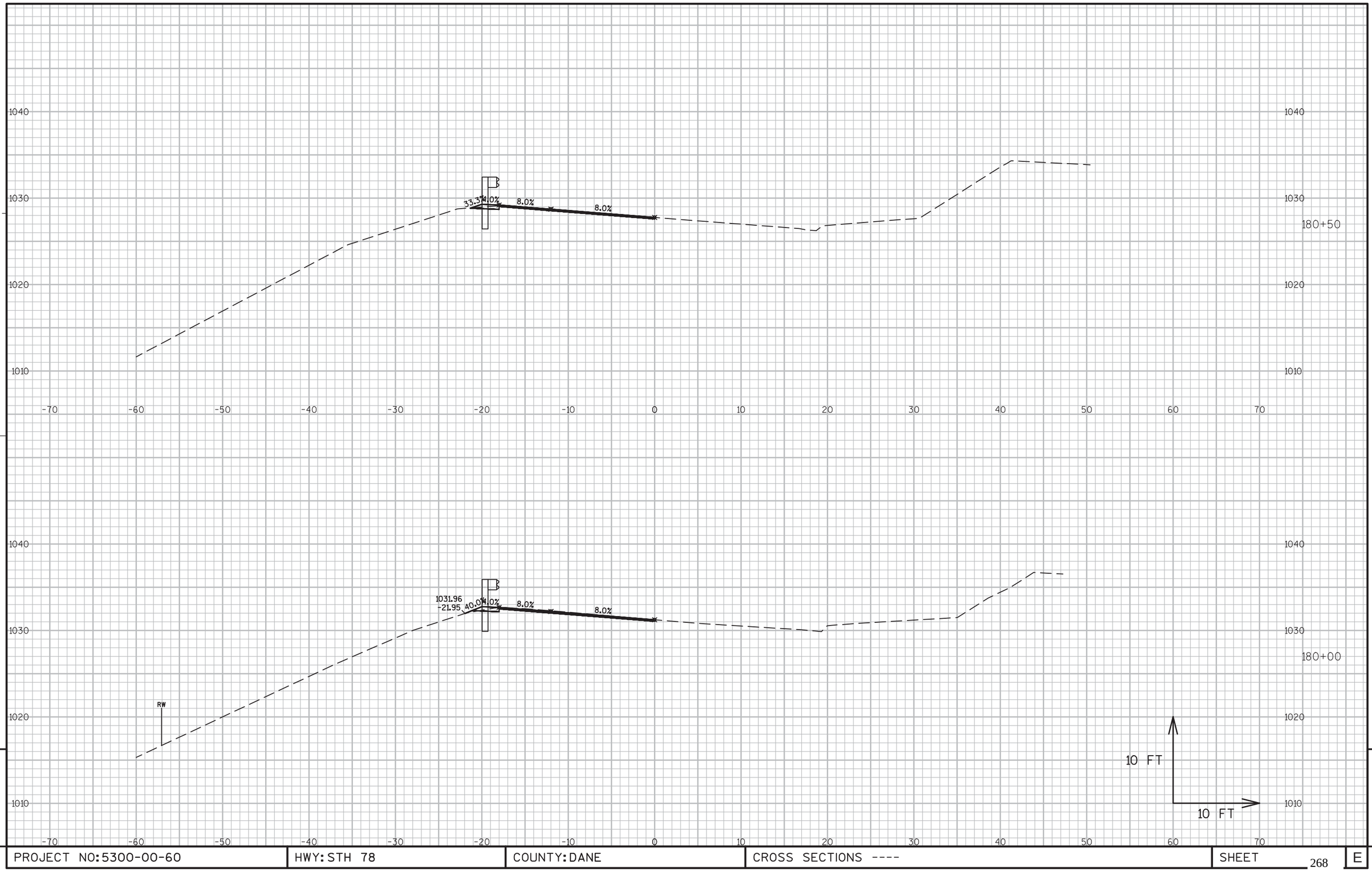
PLOT DATE : 3/2/2016 8:36 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

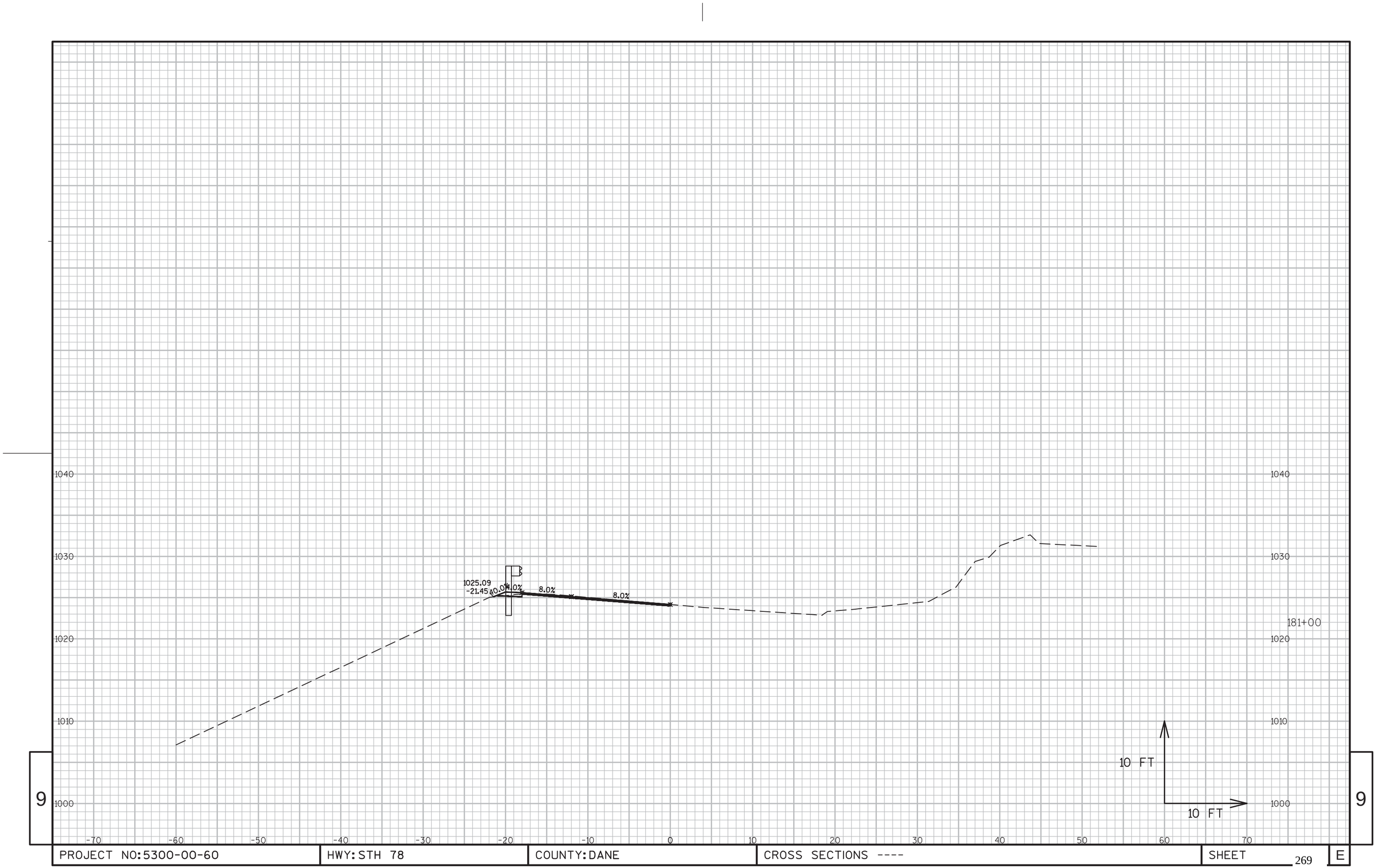
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 267	E



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 268	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:37 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



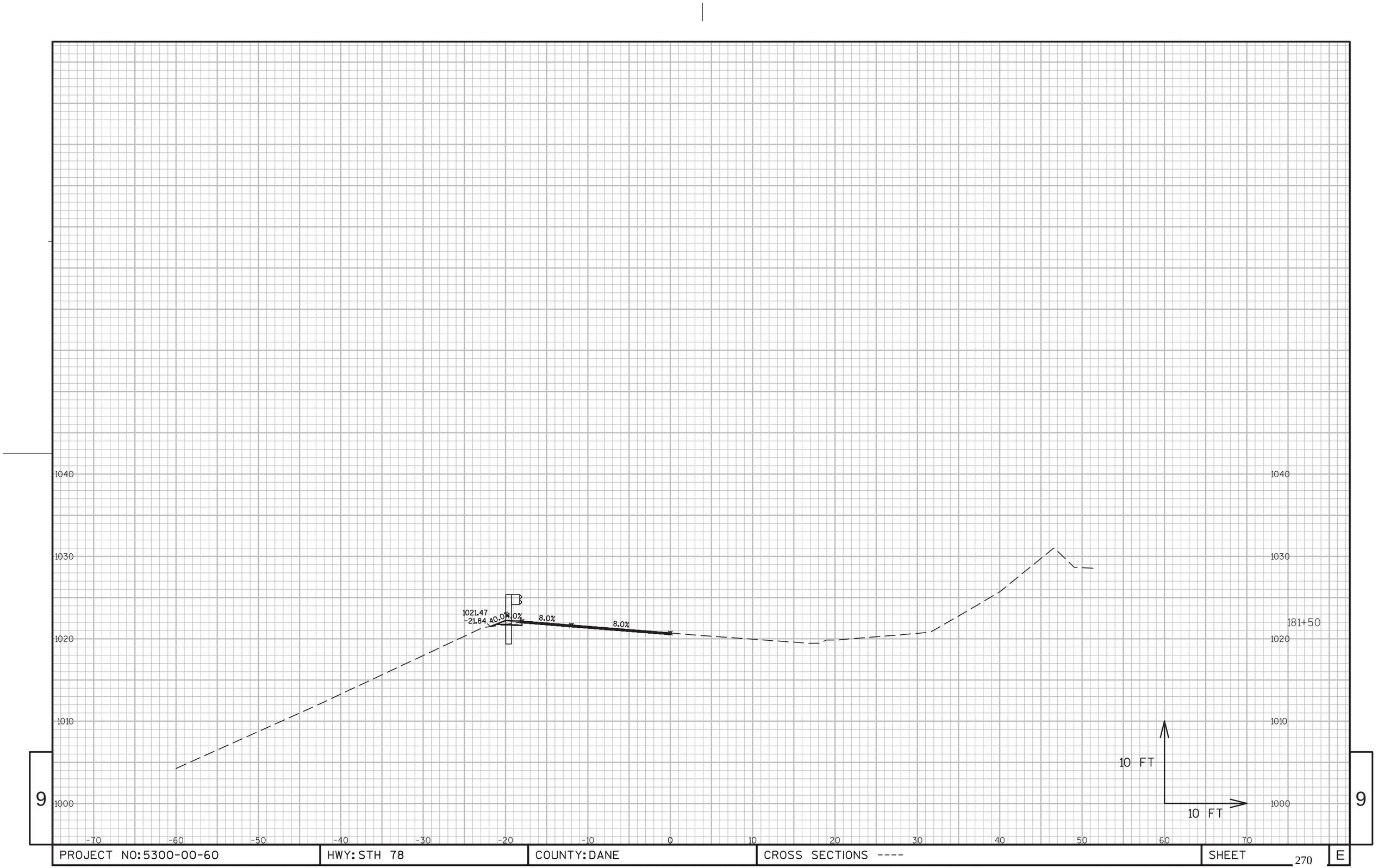
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 269	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:37 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



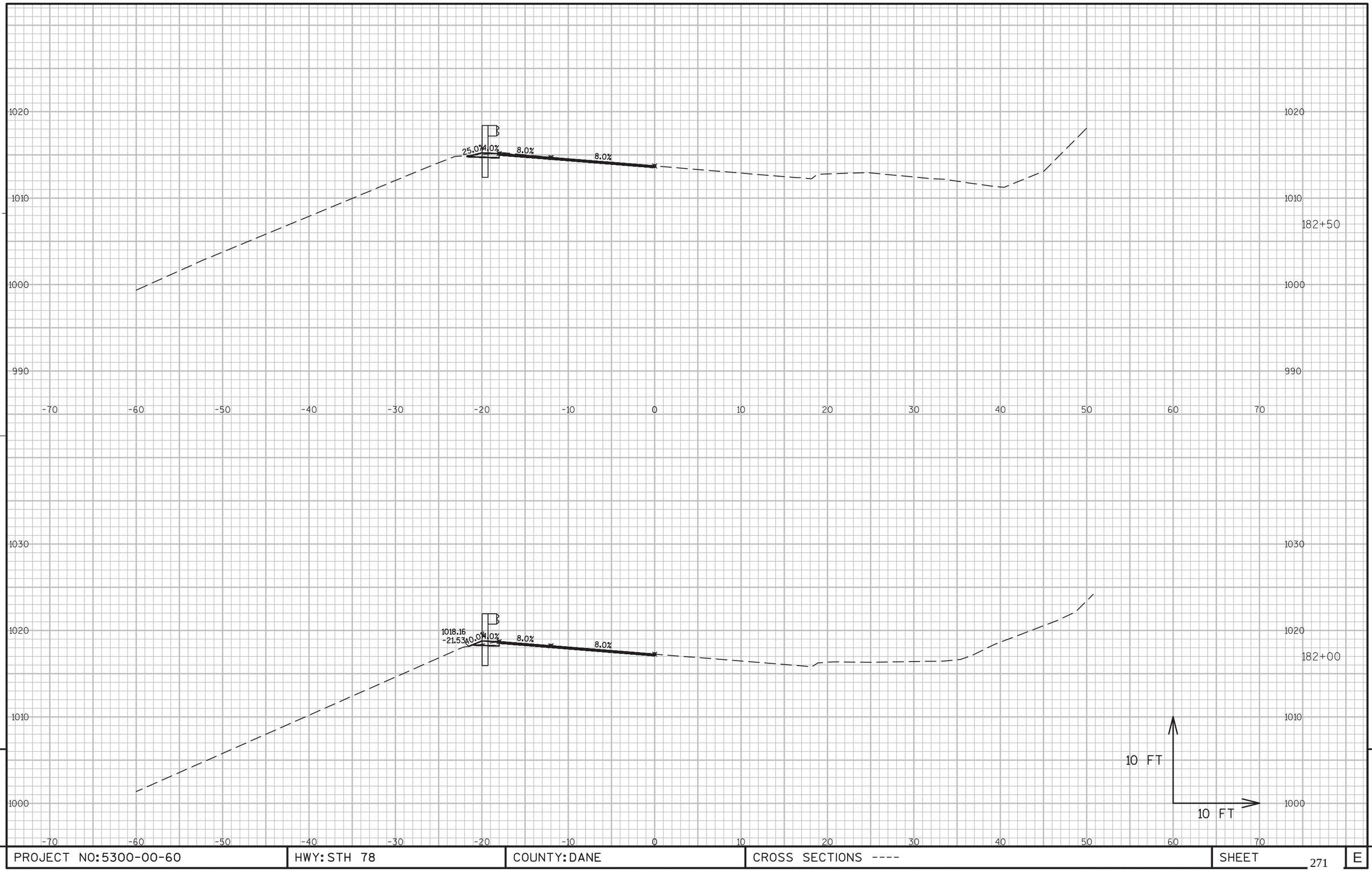
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 270	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:37 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



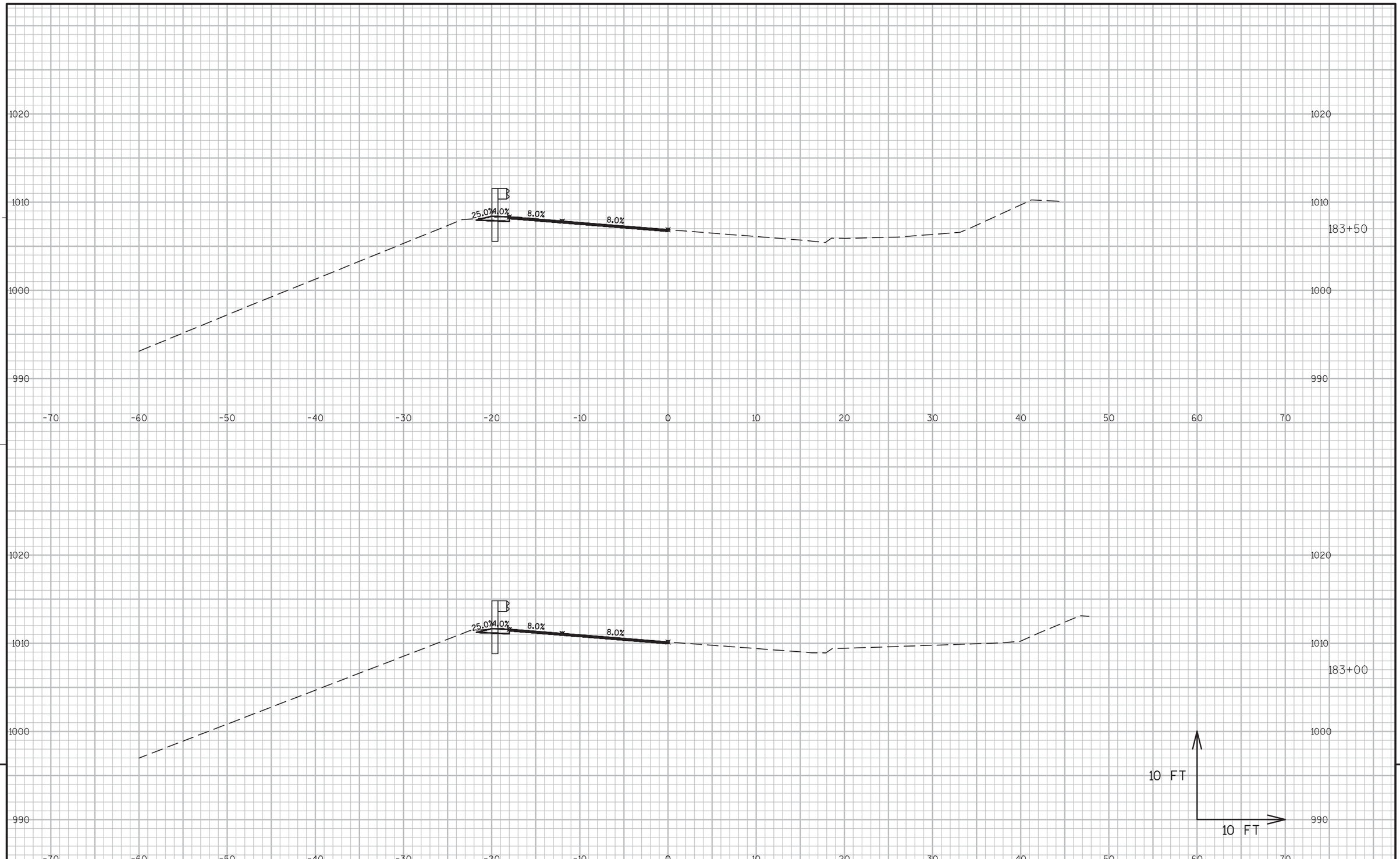
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 271	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

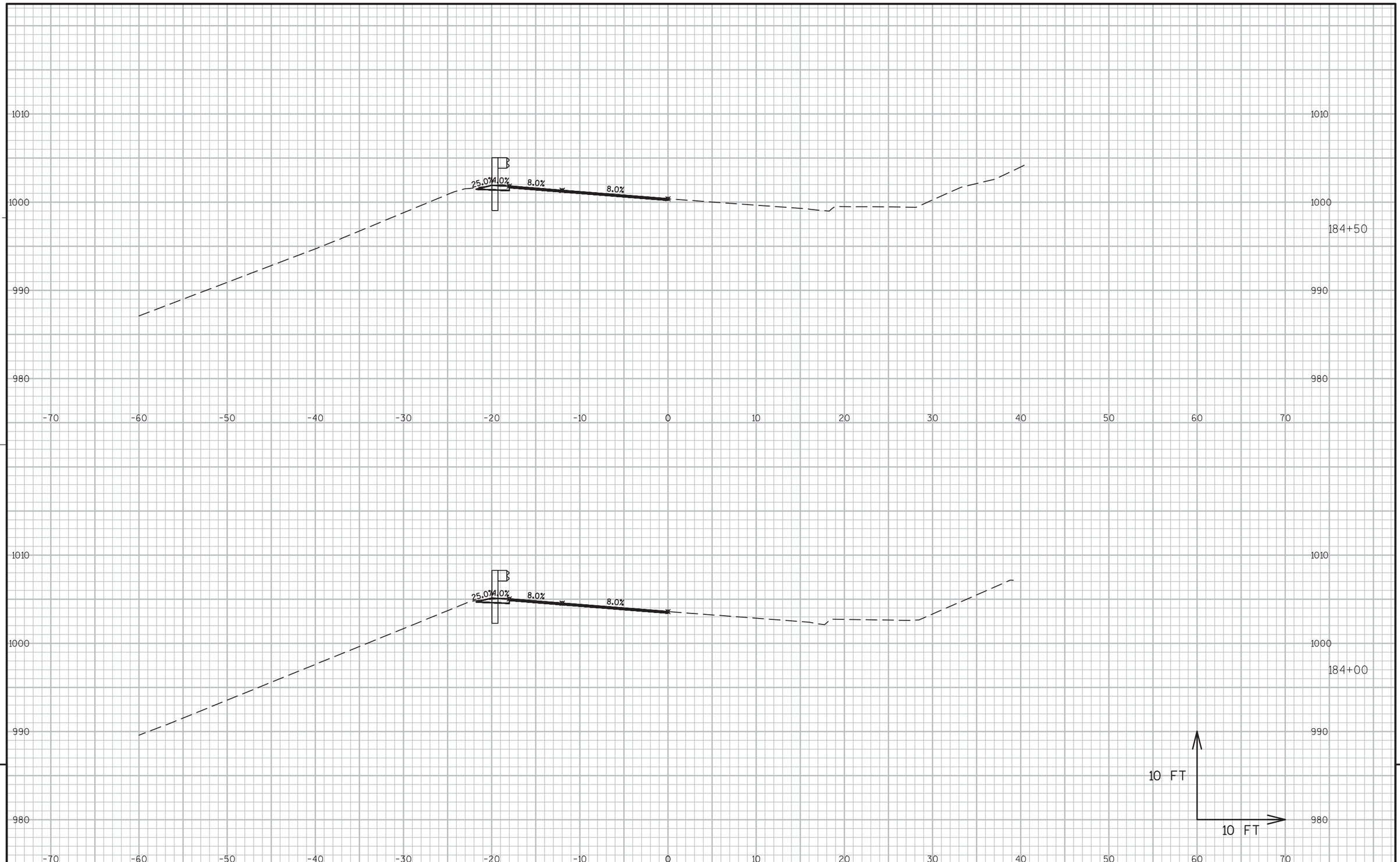
PLOT DATE : 3/2/2016 8:37 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 272	E



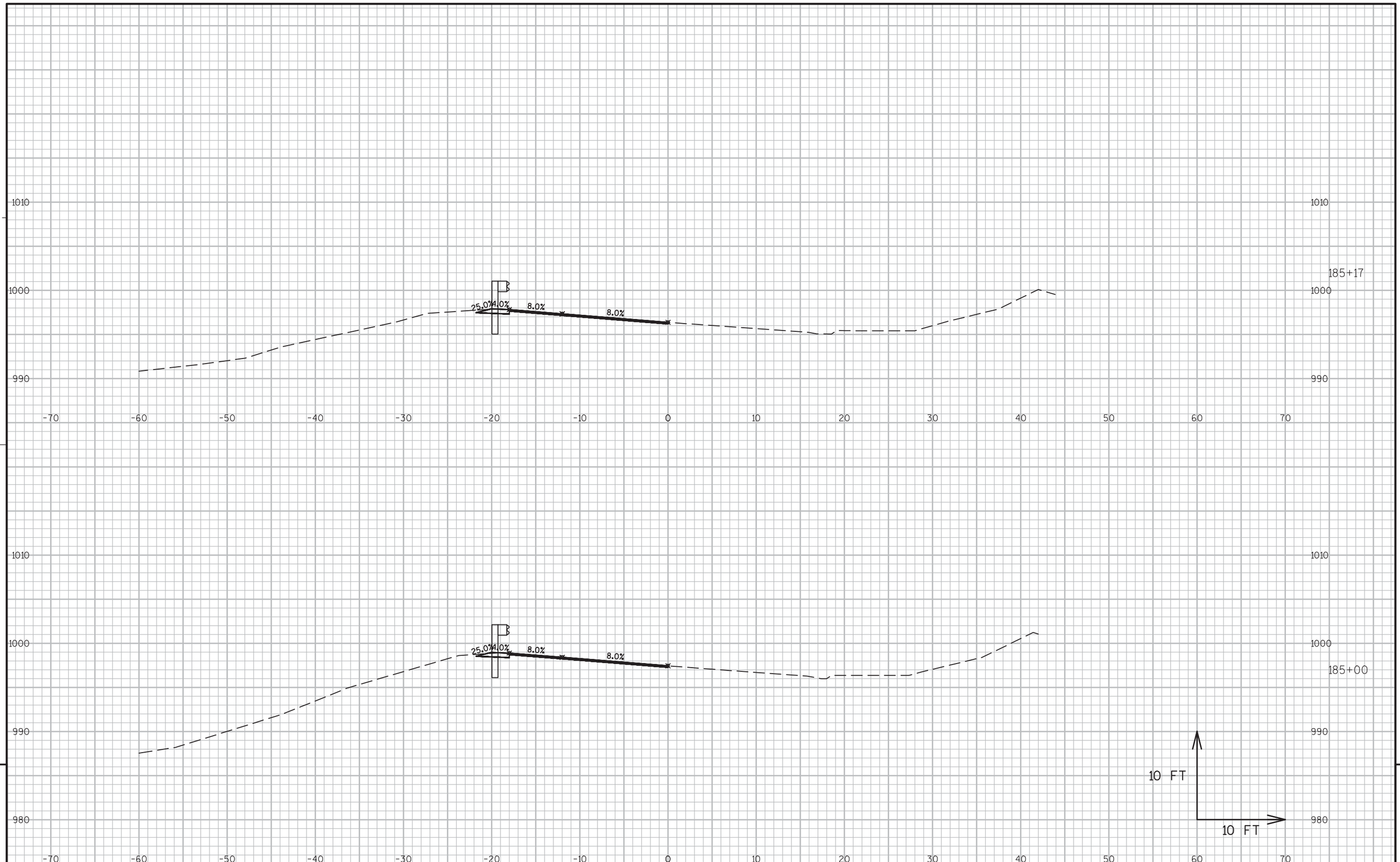
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 273	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

PLOT DATE : 3/2/2016 8:37 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 274	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185
PLOT DATE : 3/2/2016 8:37 AM
PLOT BY : RUSEK, NICOLE A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



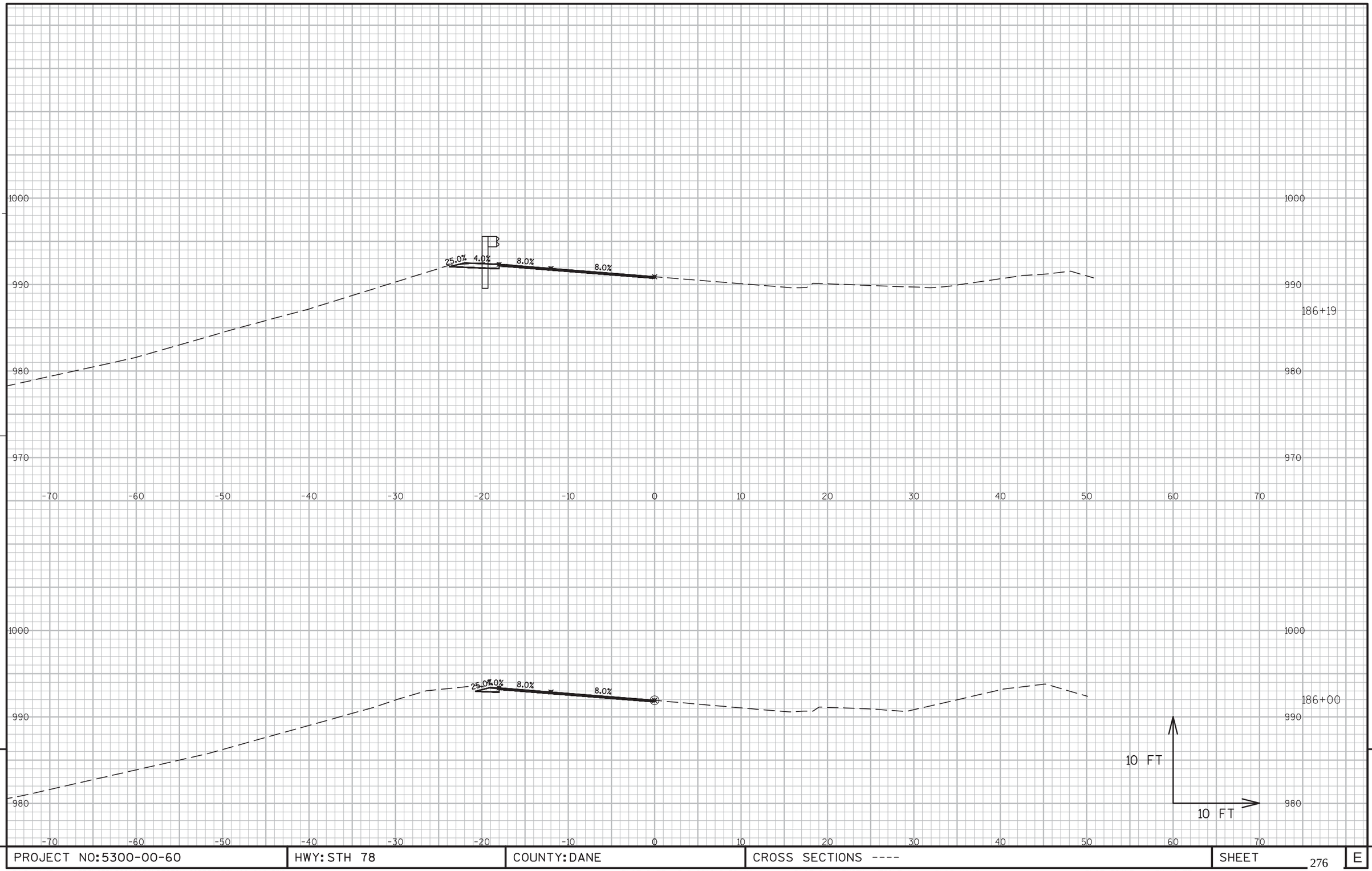
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 275	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 167-185

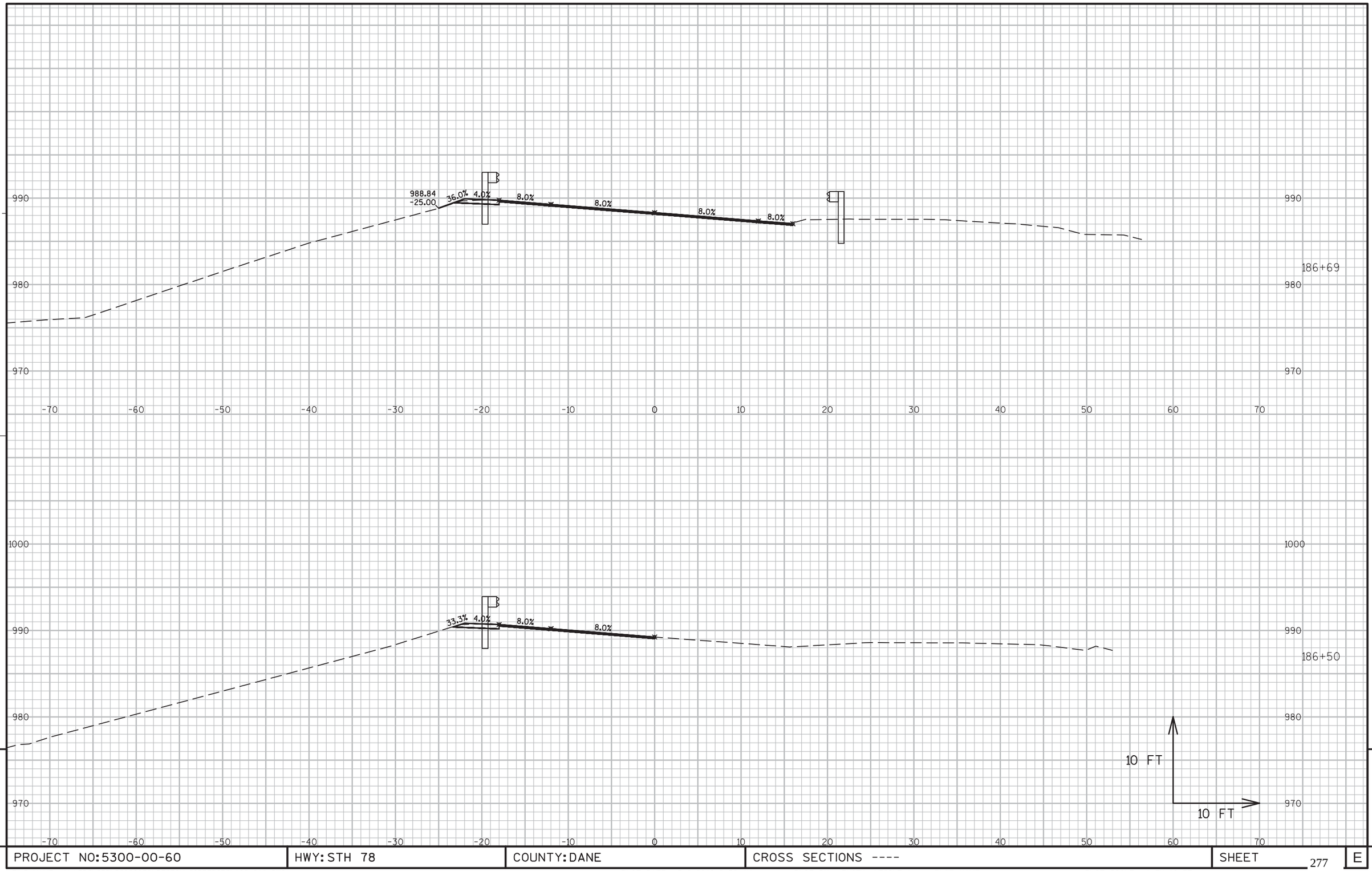
PLOT DATE : 3/2/2016 8:38 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 276	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:38 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



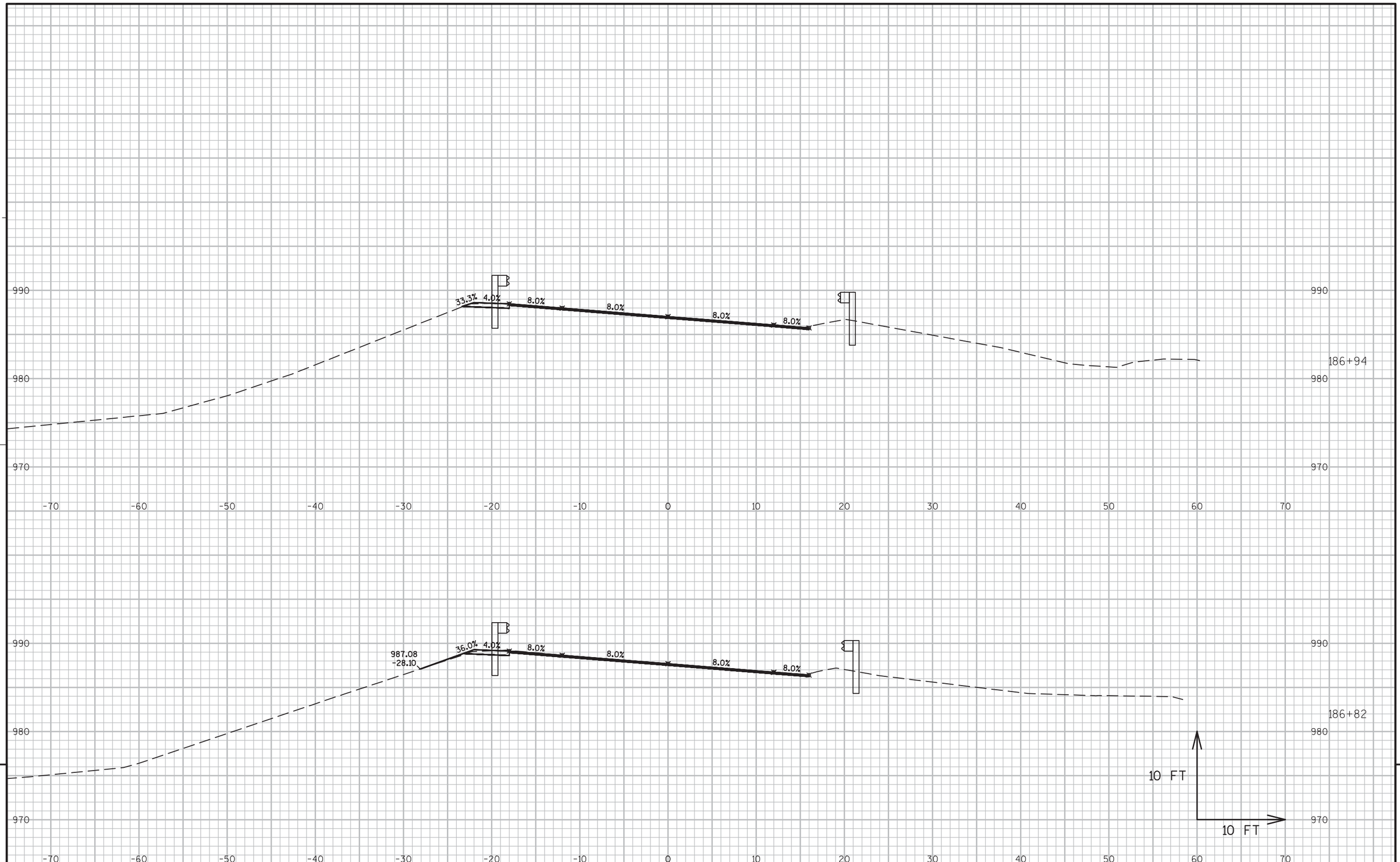
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 277	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:38 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



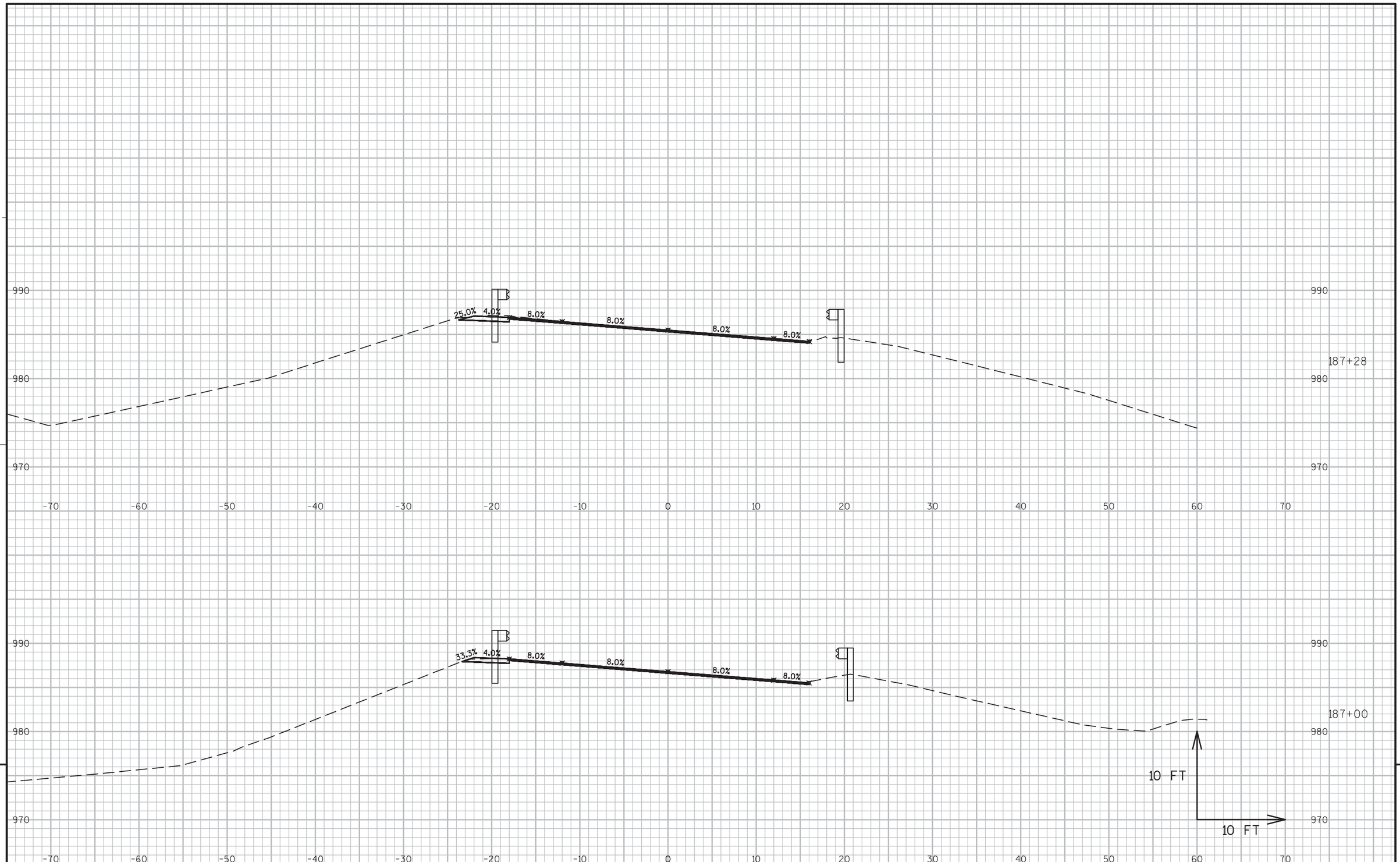
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 278	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

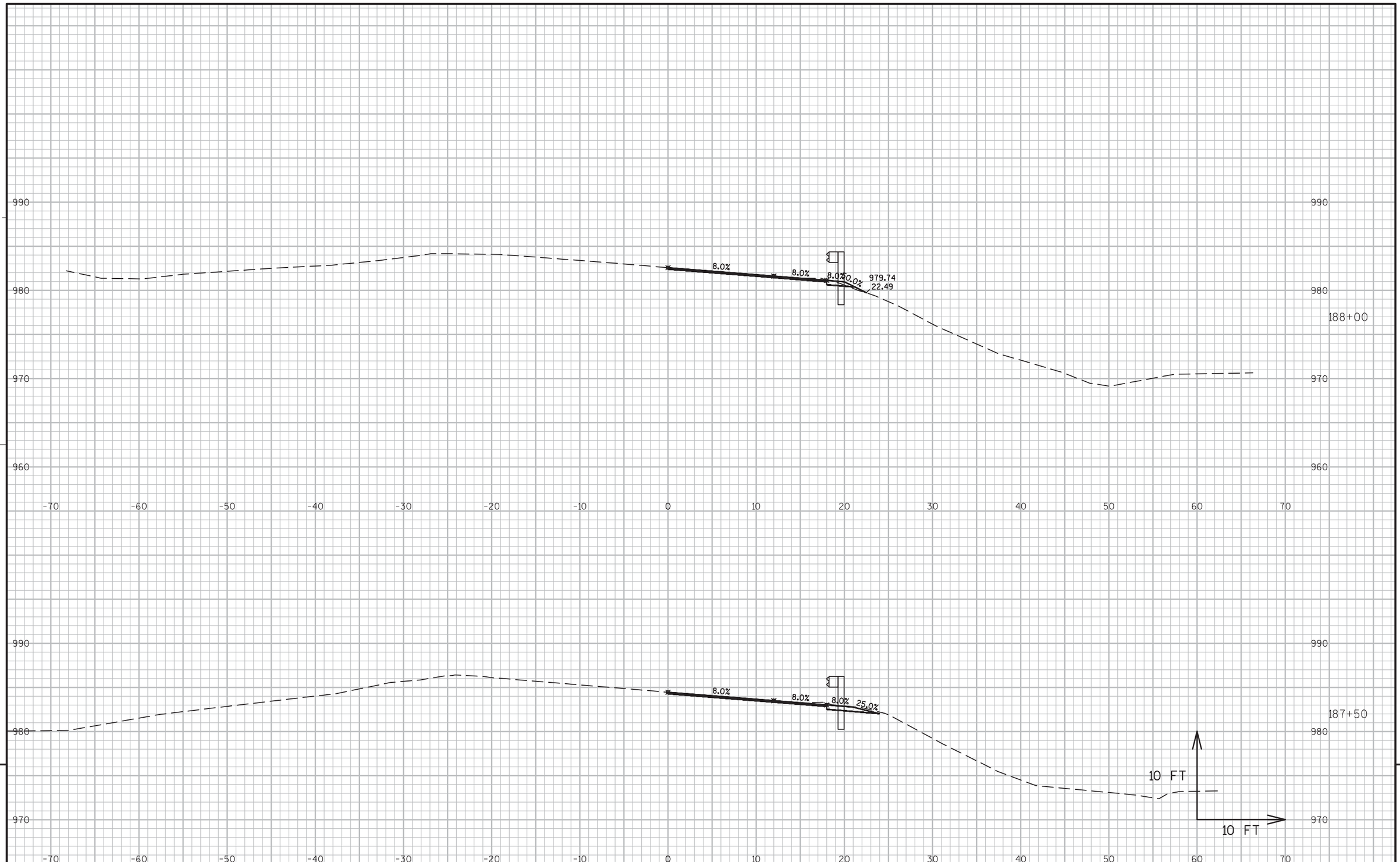
PLOT DATE : 3/2/2016 8:38 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 279	E

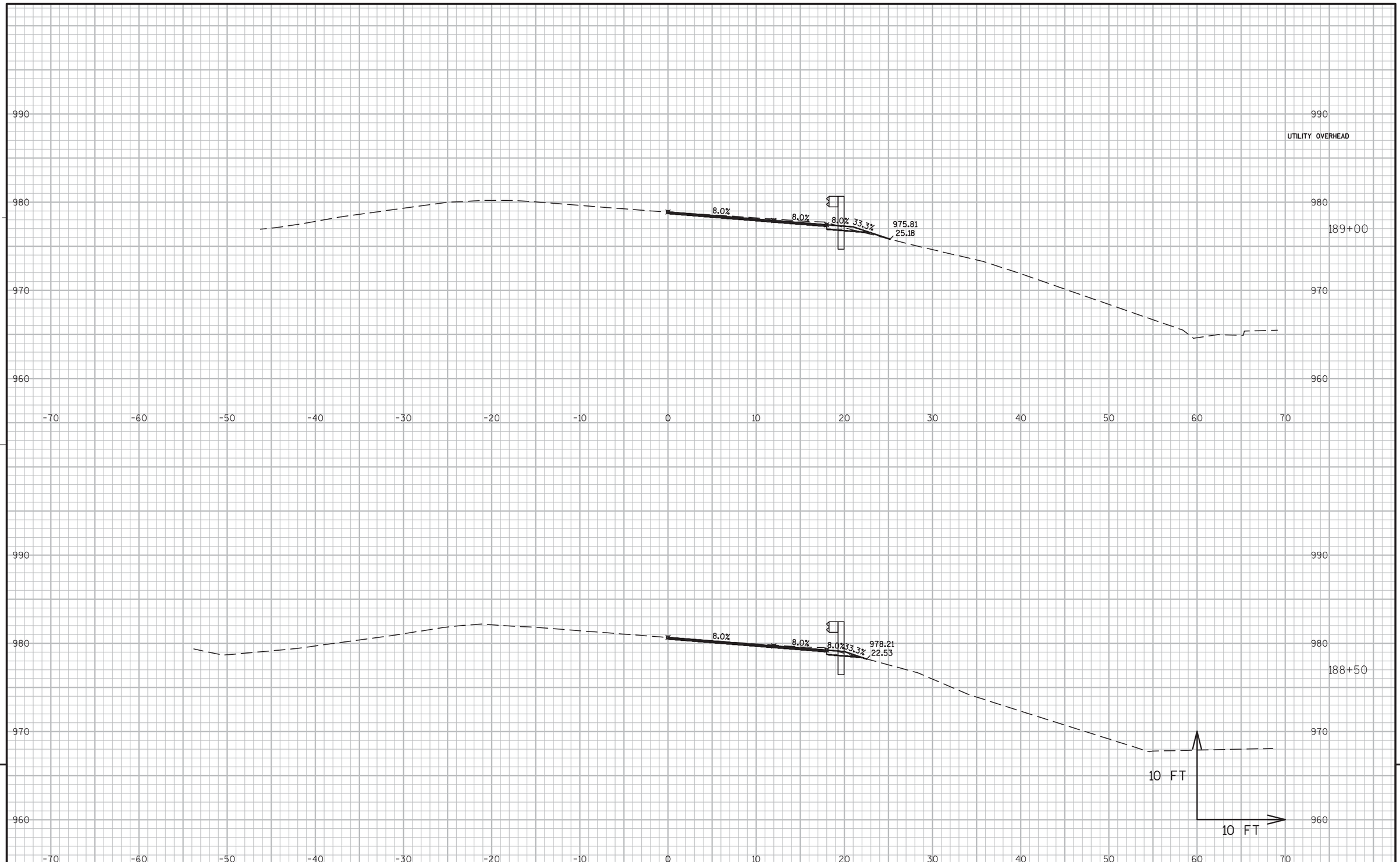


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 280	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:39 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



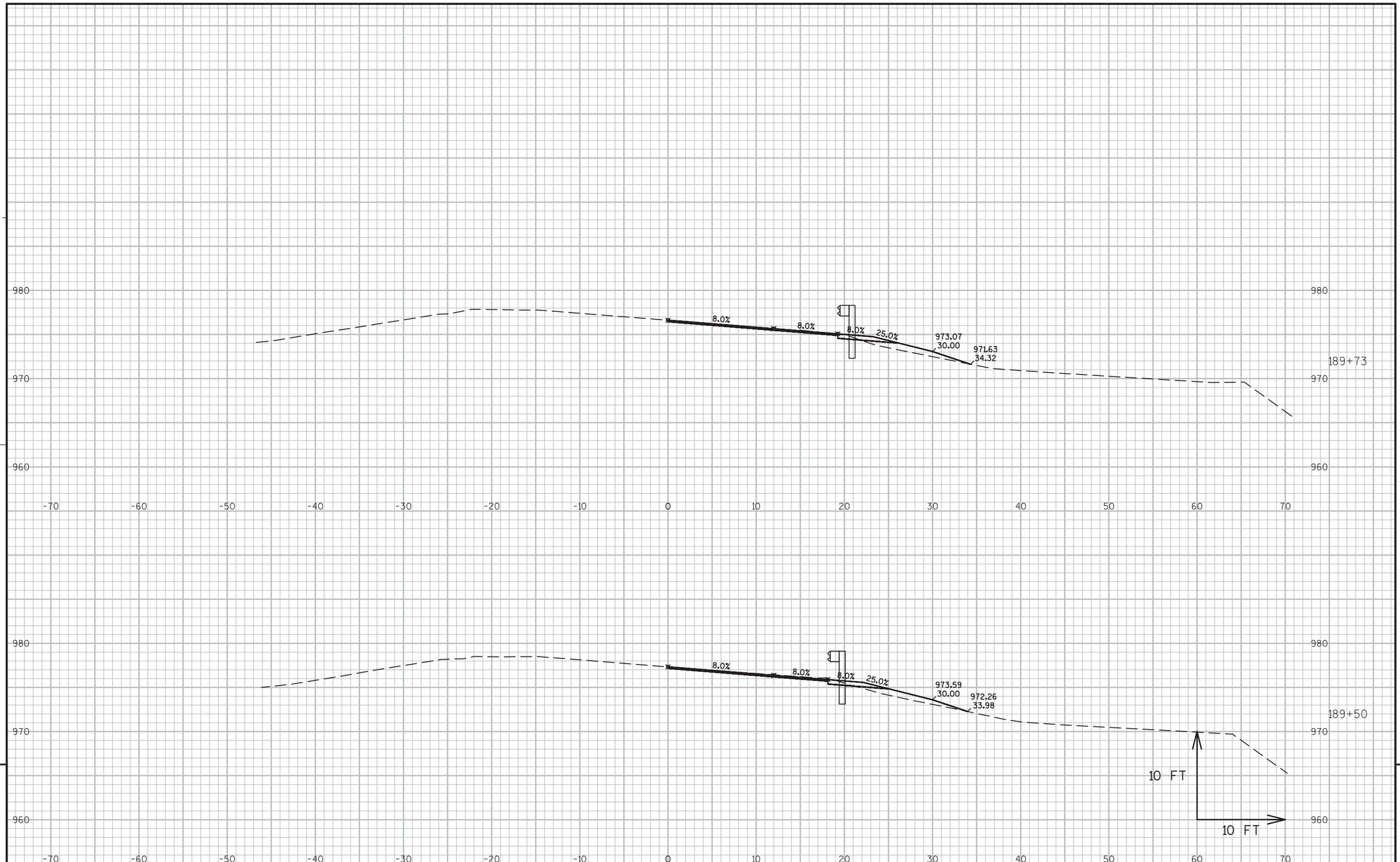
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 281	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:39 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

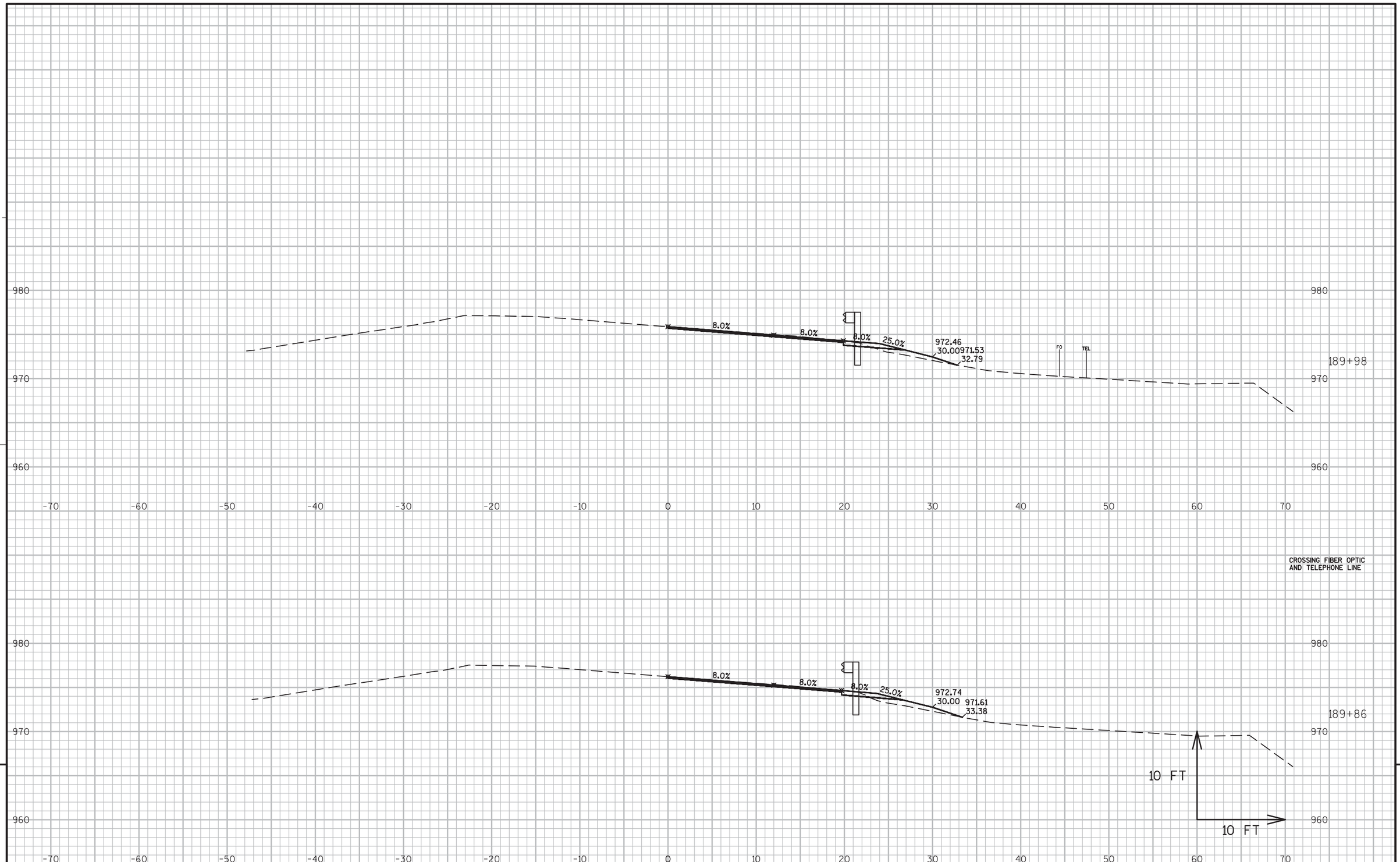
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 282	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:39 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

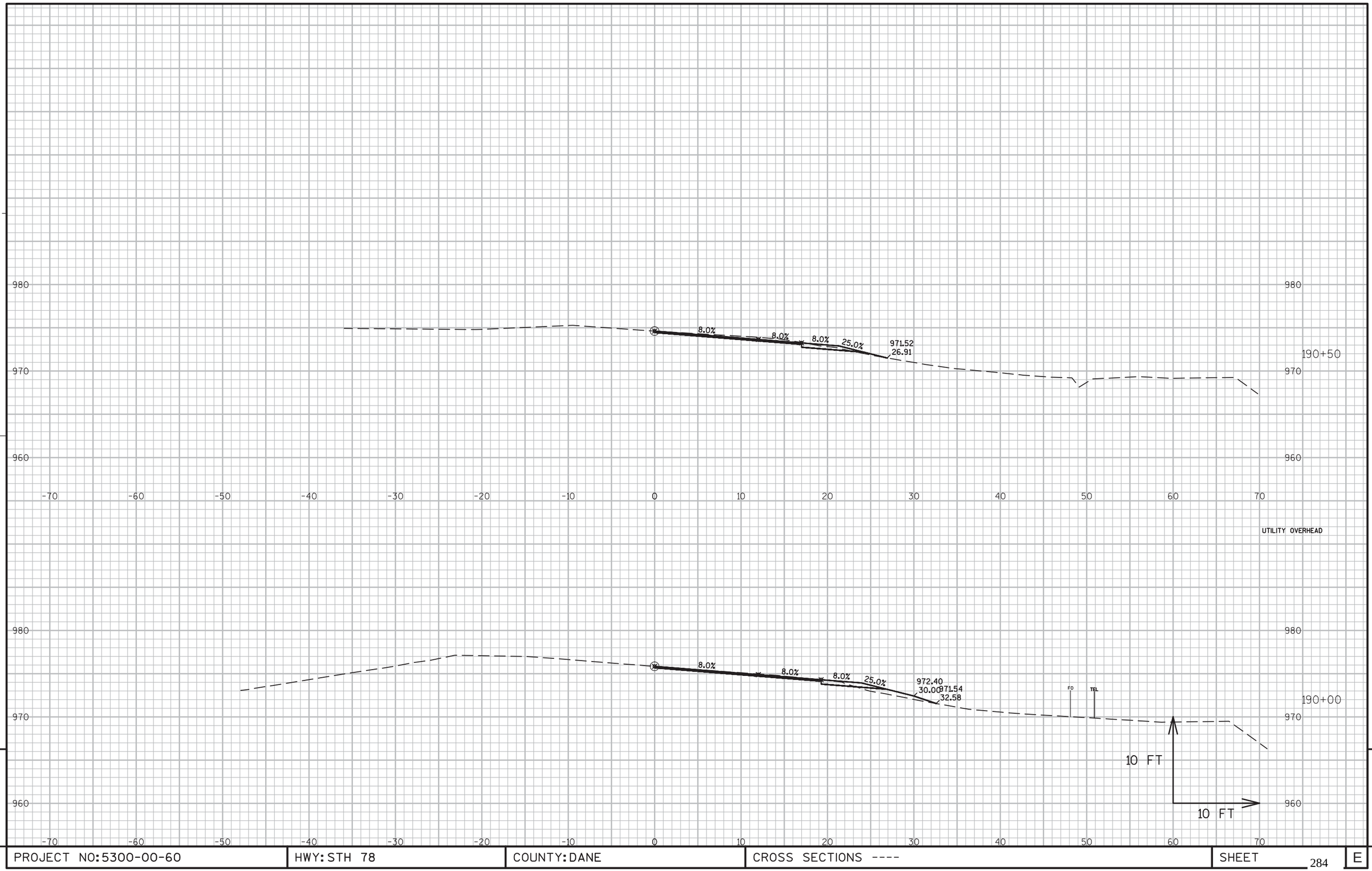


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 283	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:39 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

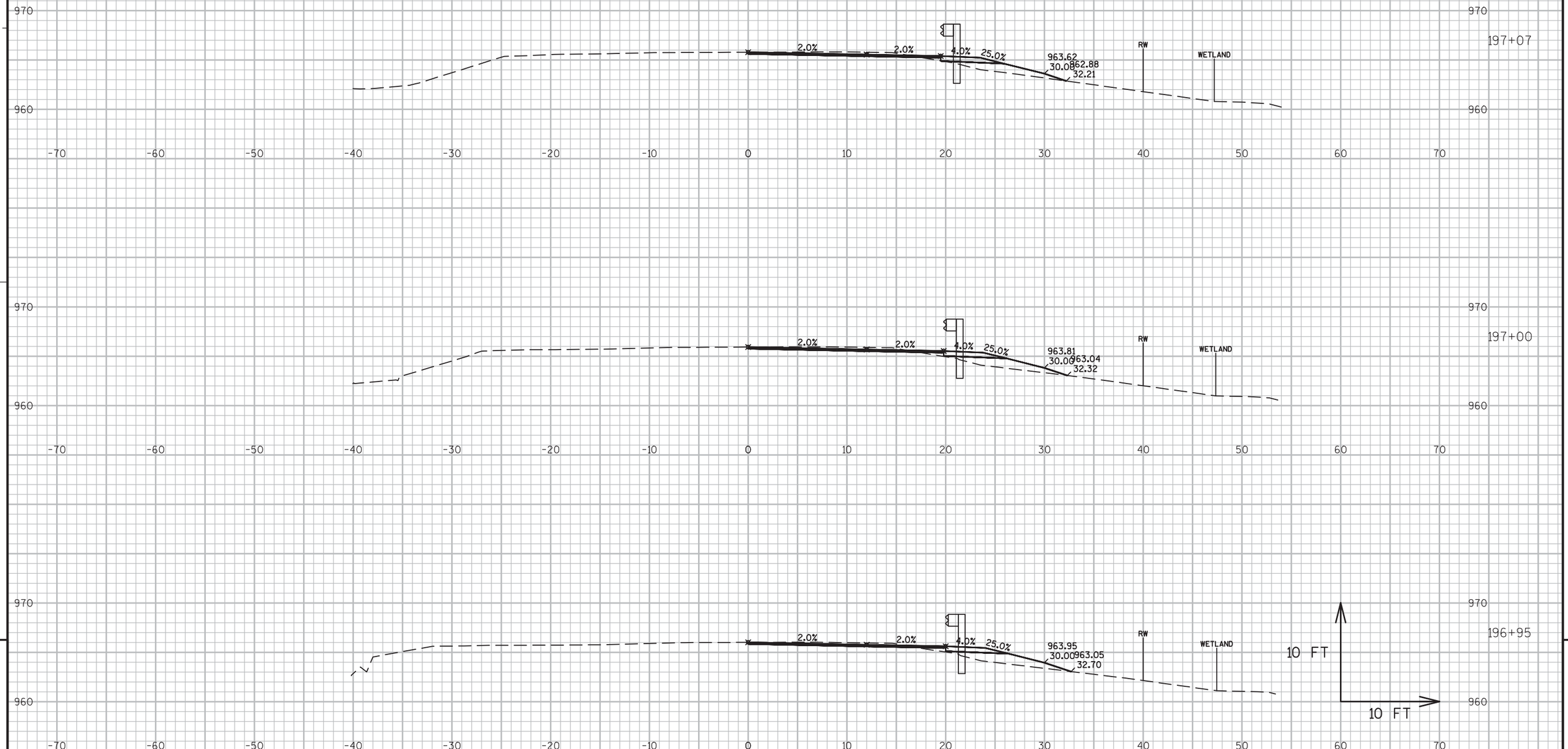
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 284	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 186-191

PLOT DATE : 3/2/2016 8:39 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

CROSSING
TELEPHONE LINE



9

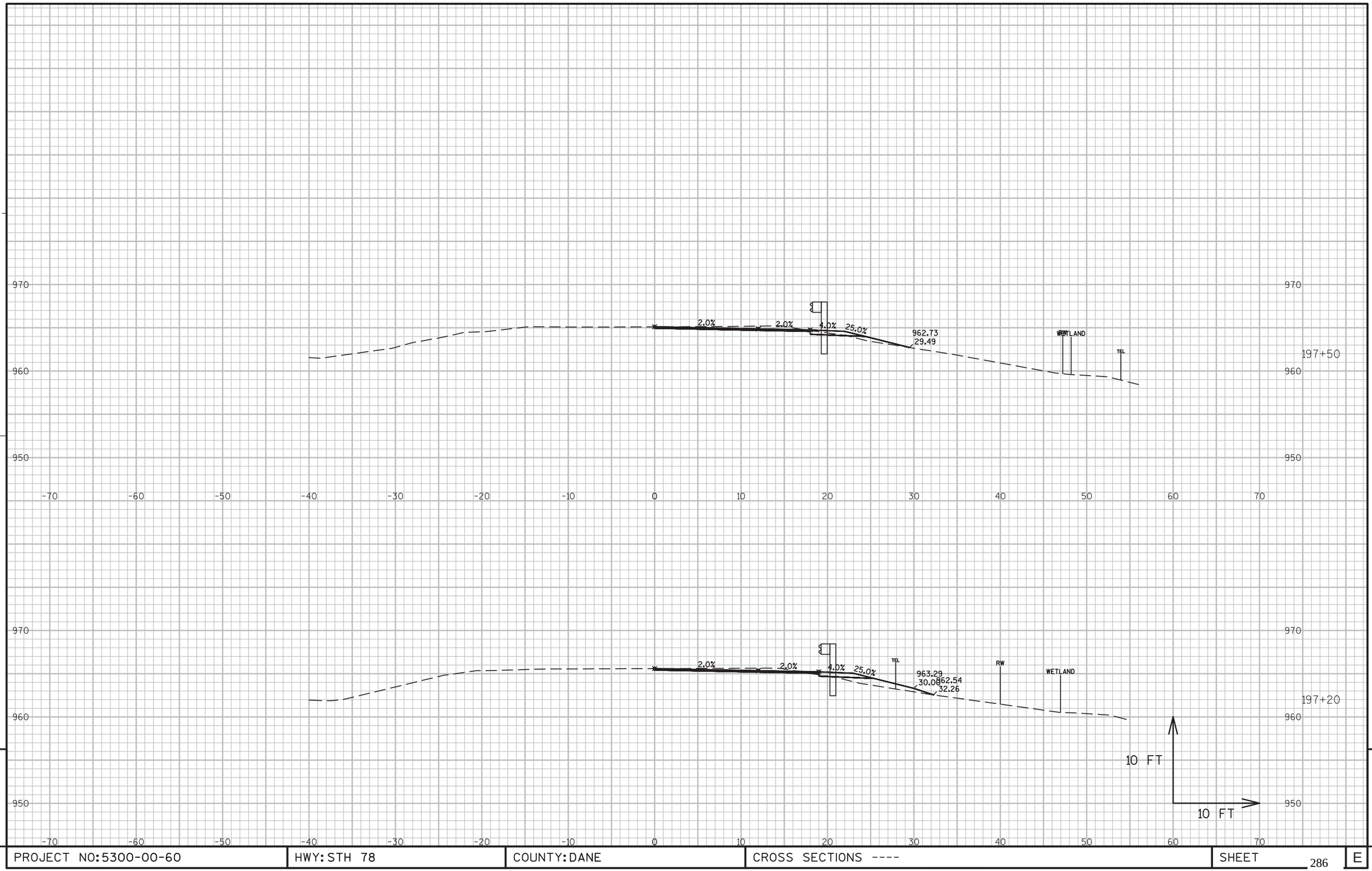
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 285	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:39 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

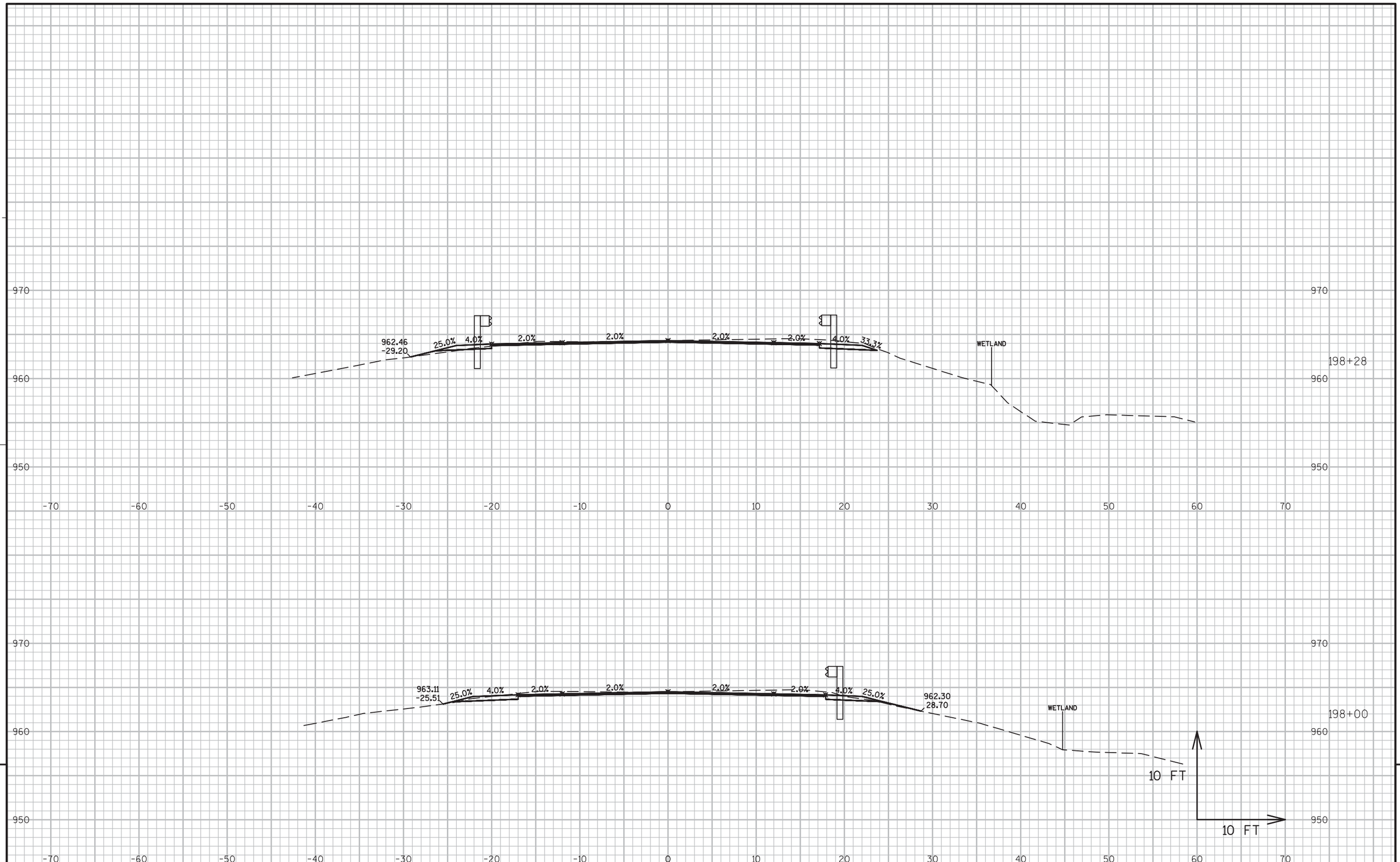
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 286	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:40 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

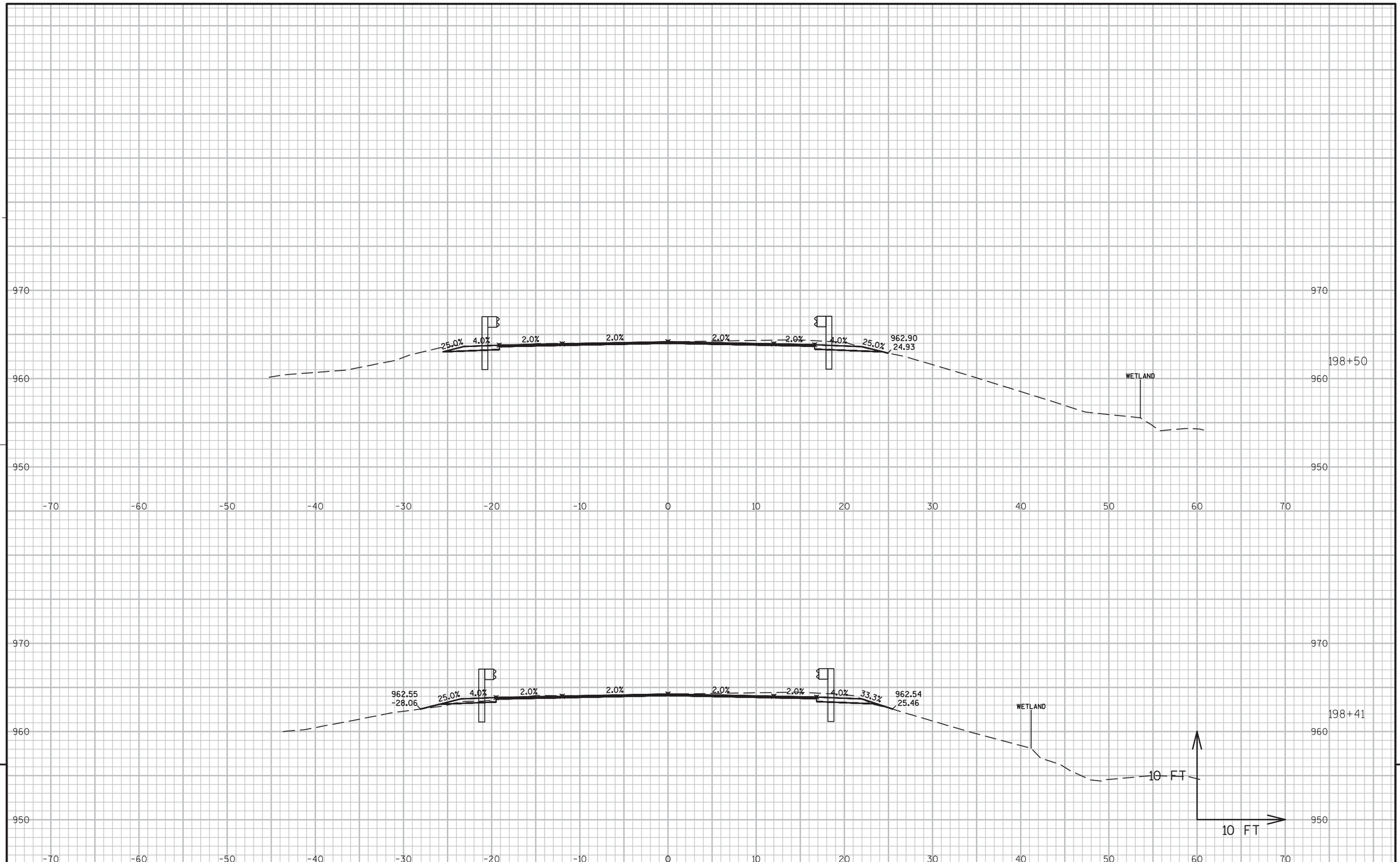


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 287	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:40 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

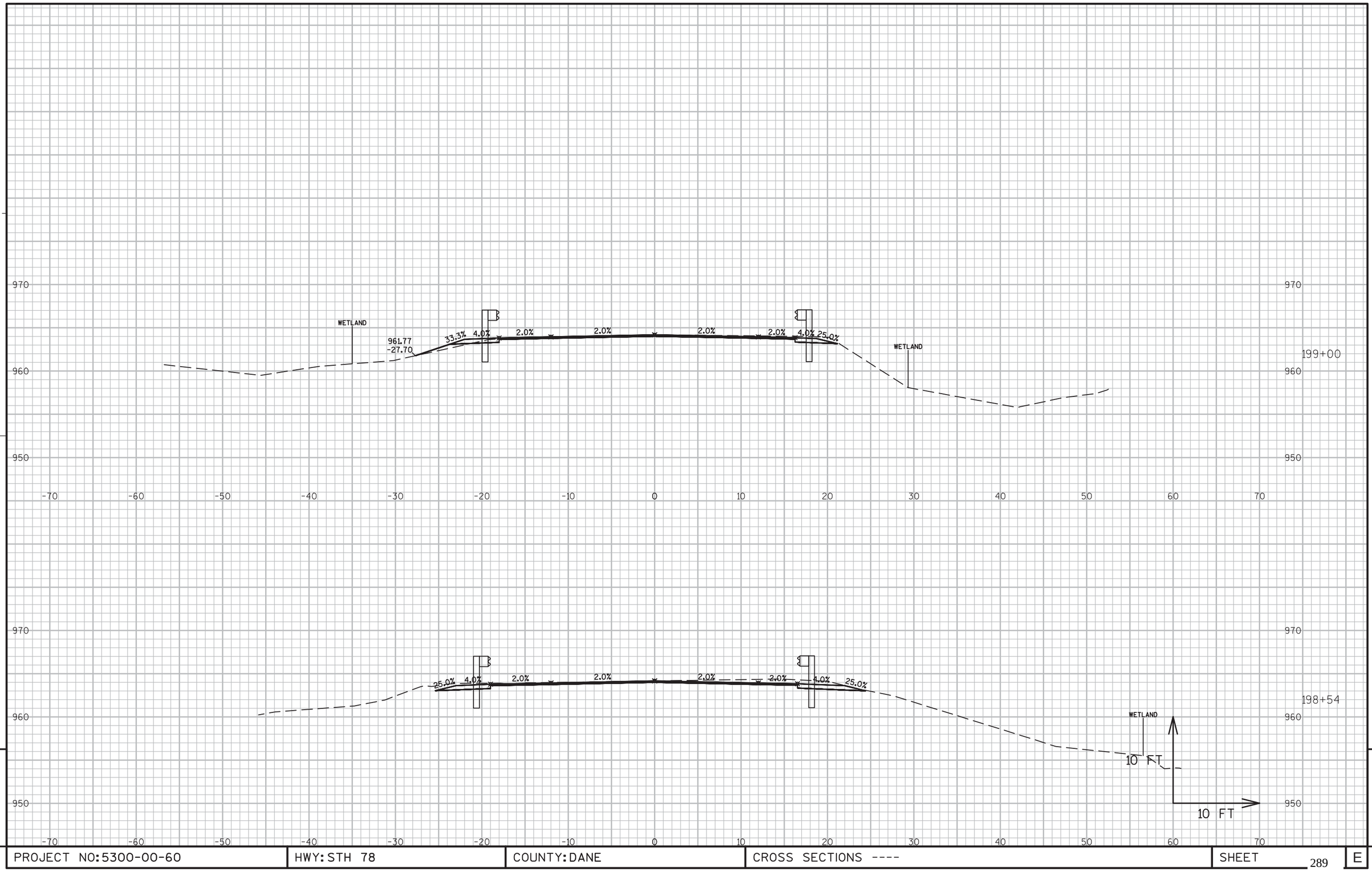


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 288	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:40 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

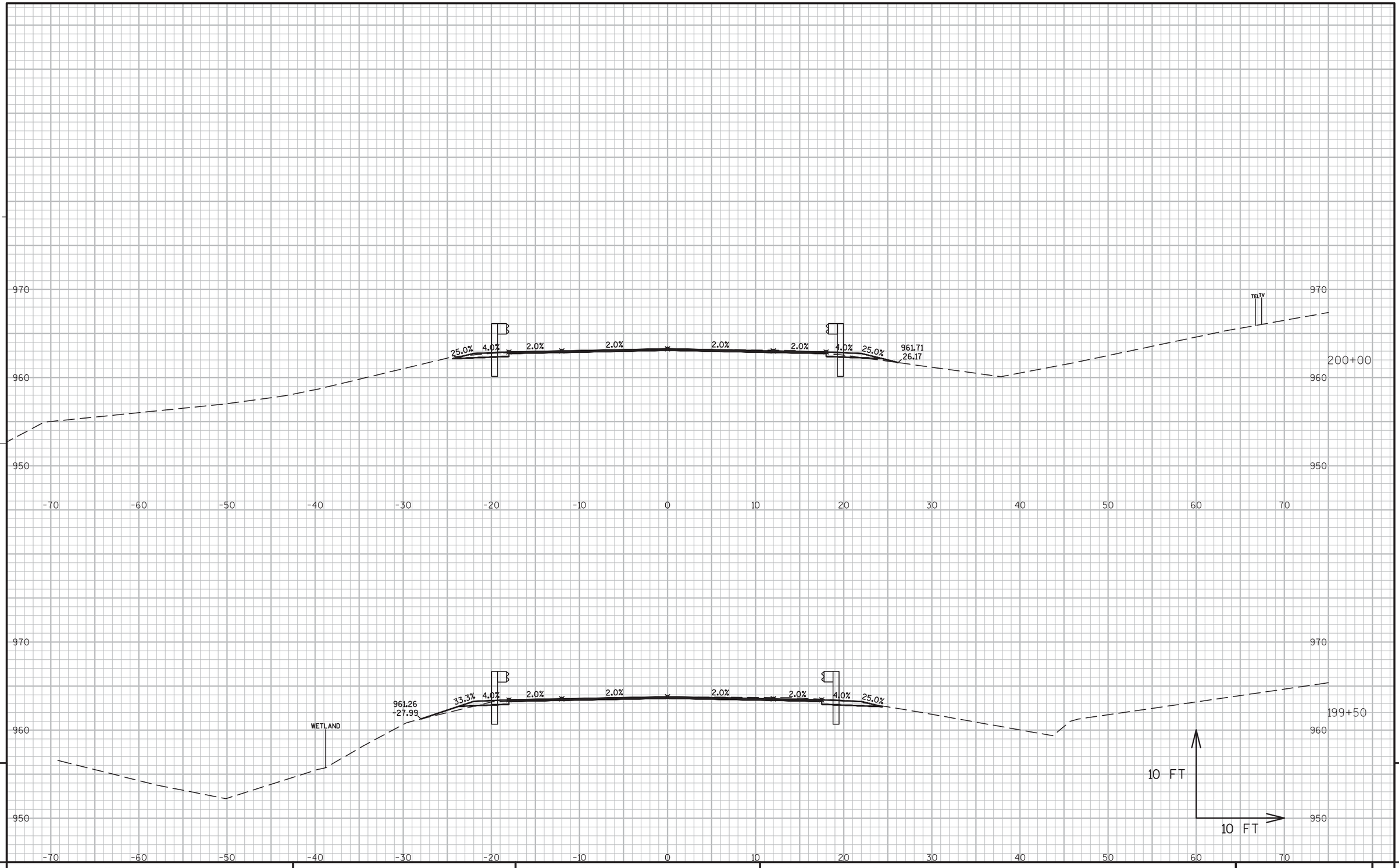


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 289	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:40 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



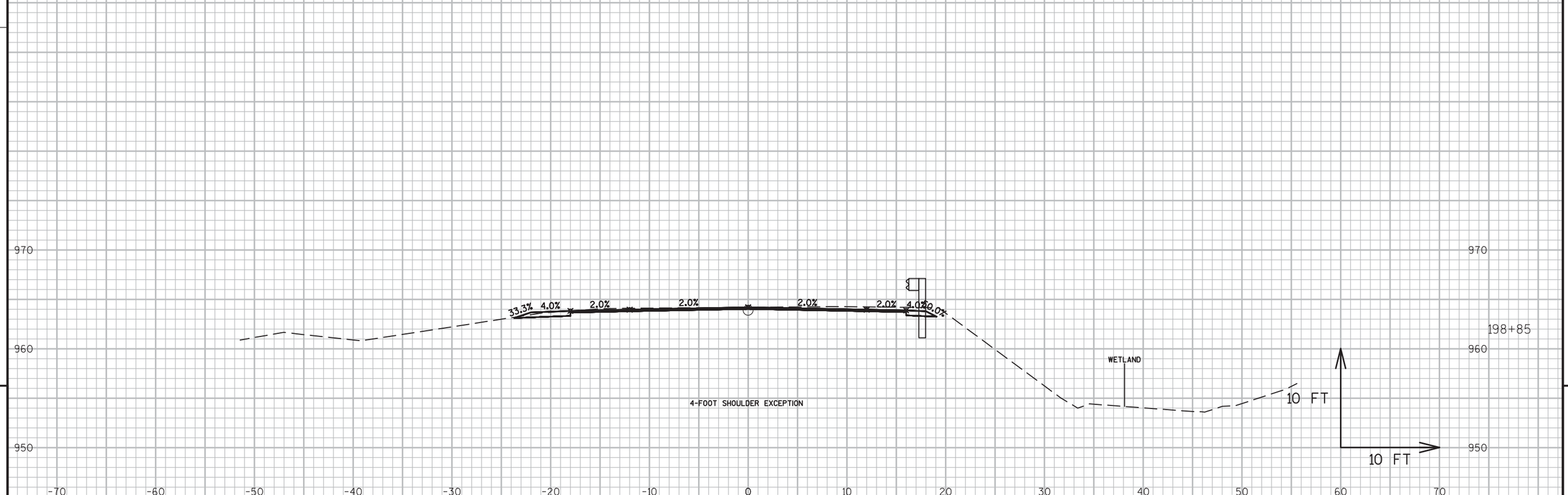
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 290	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:40 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



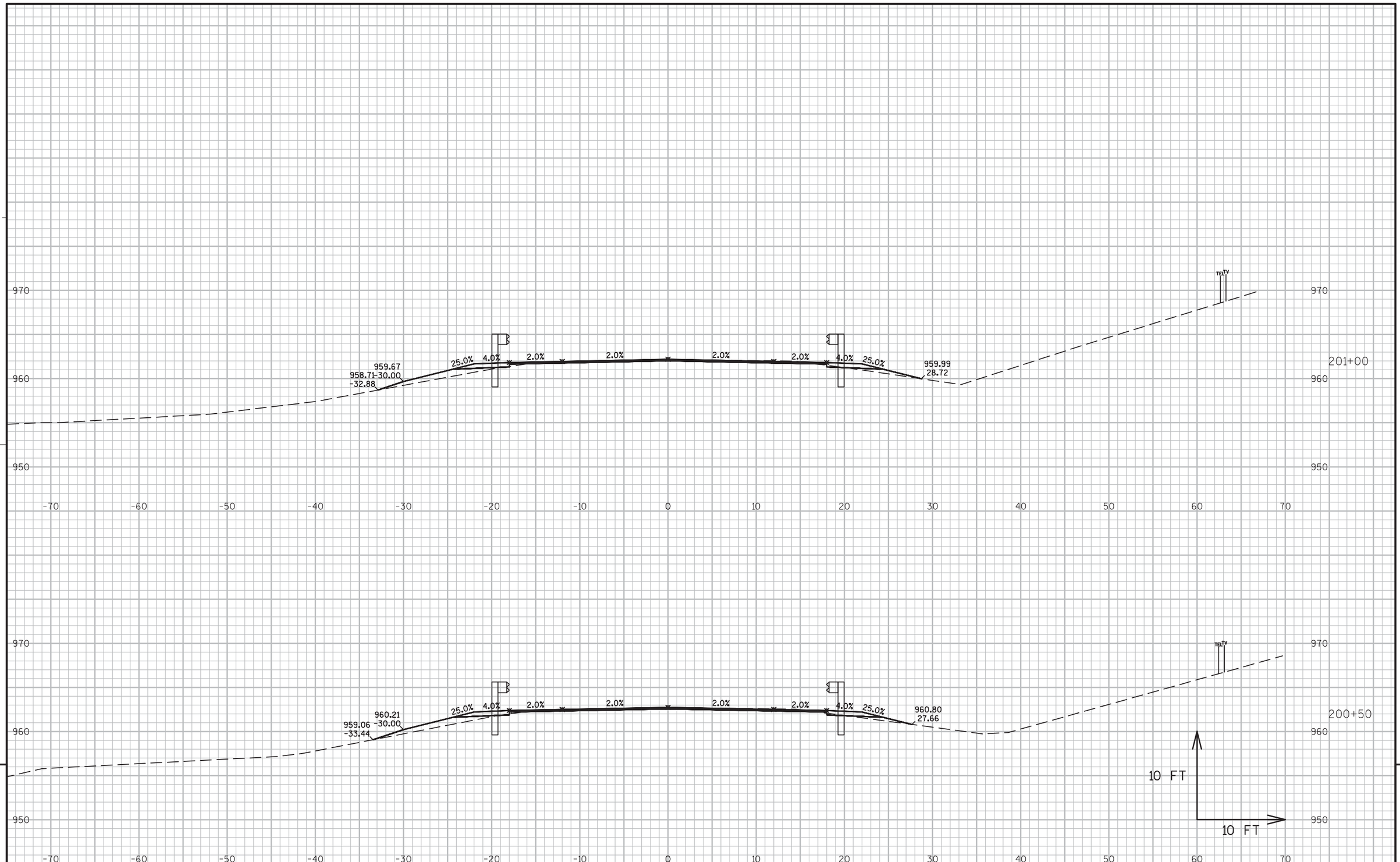
9

9

PROJECT NO:5600-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS	SHEET 291	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - SECTION SHEET - (02)

PLOT DATE : 3/2/2016 8:44 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

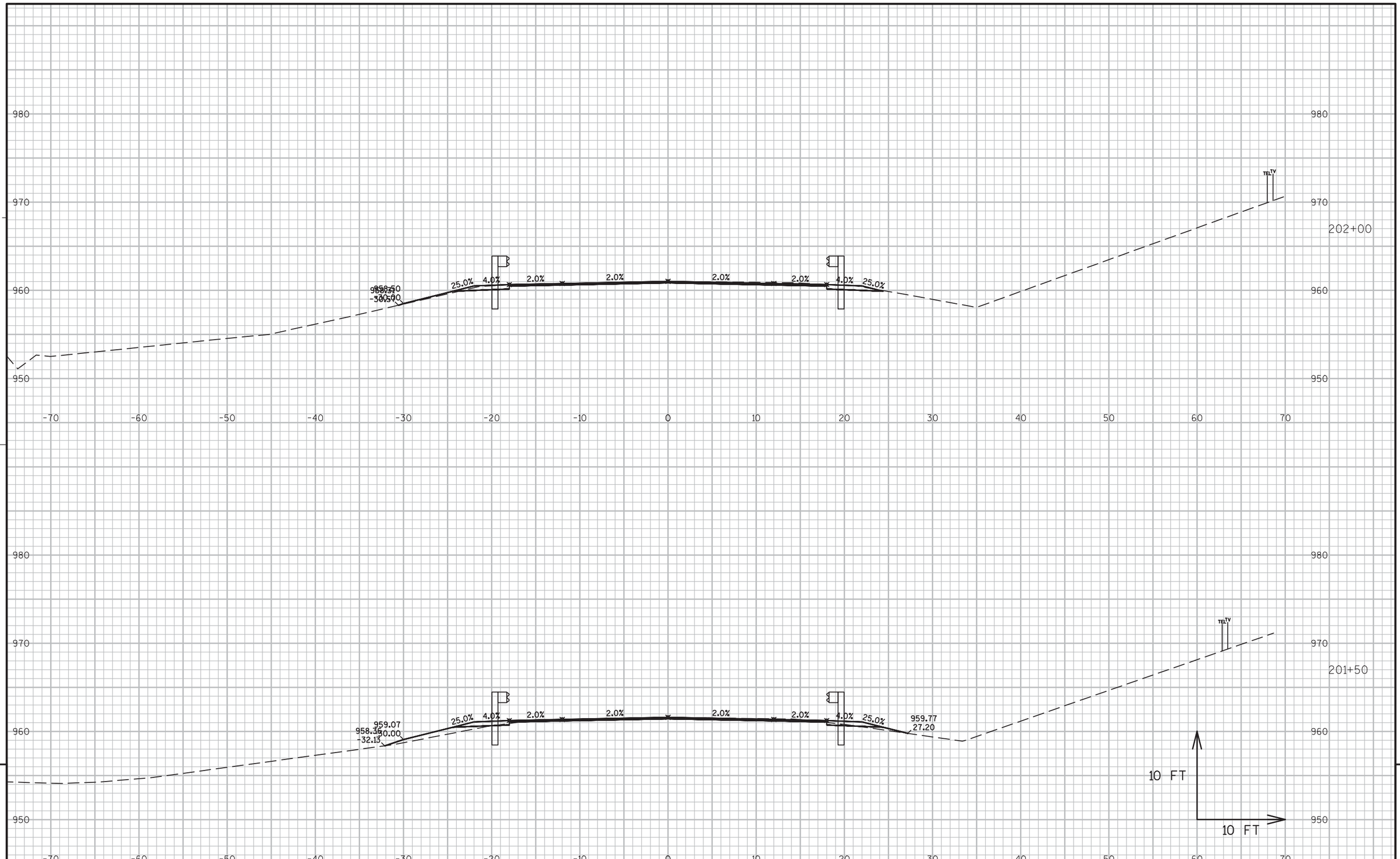
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 292	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:41 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



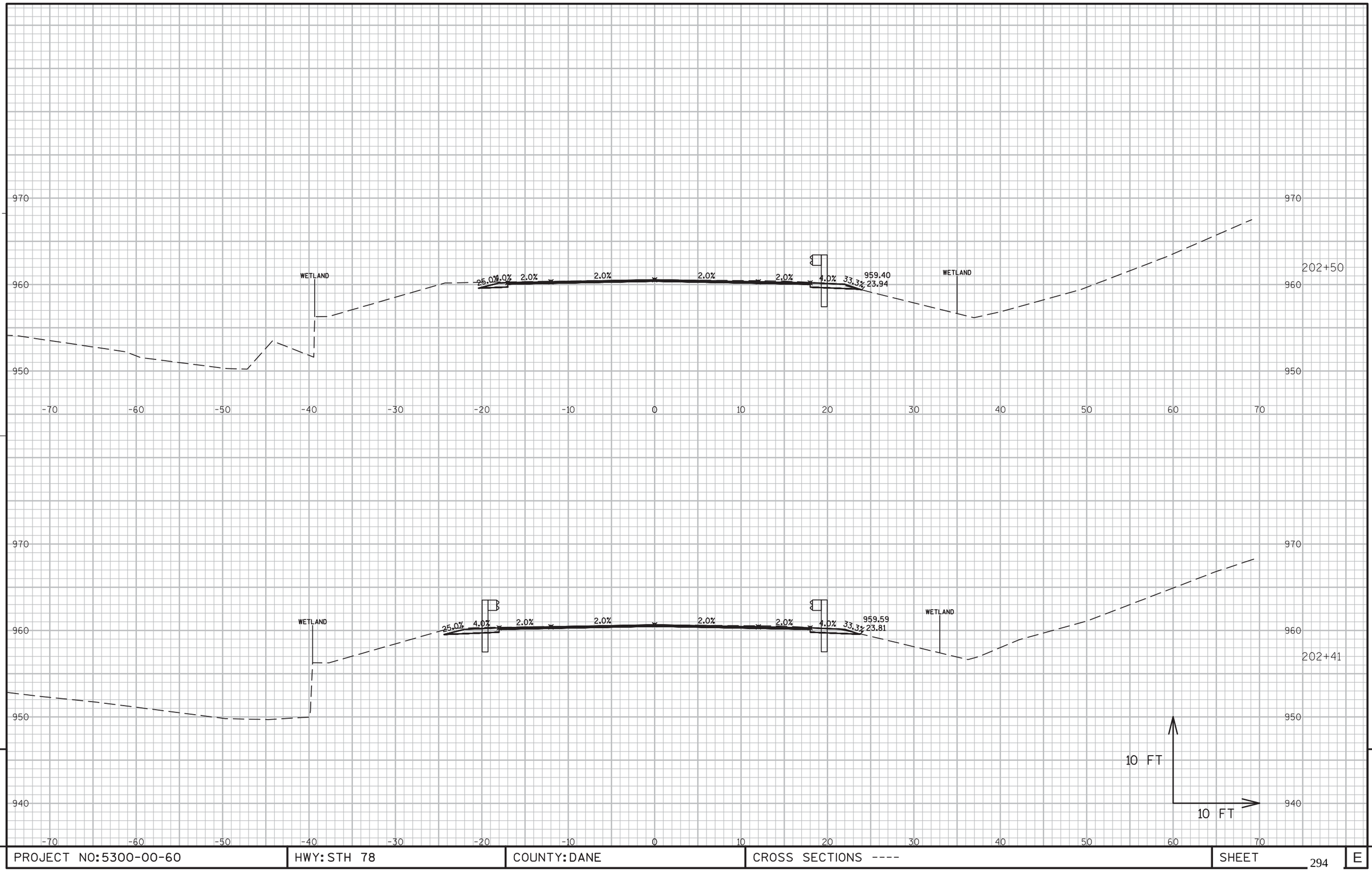
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 293	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:41 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

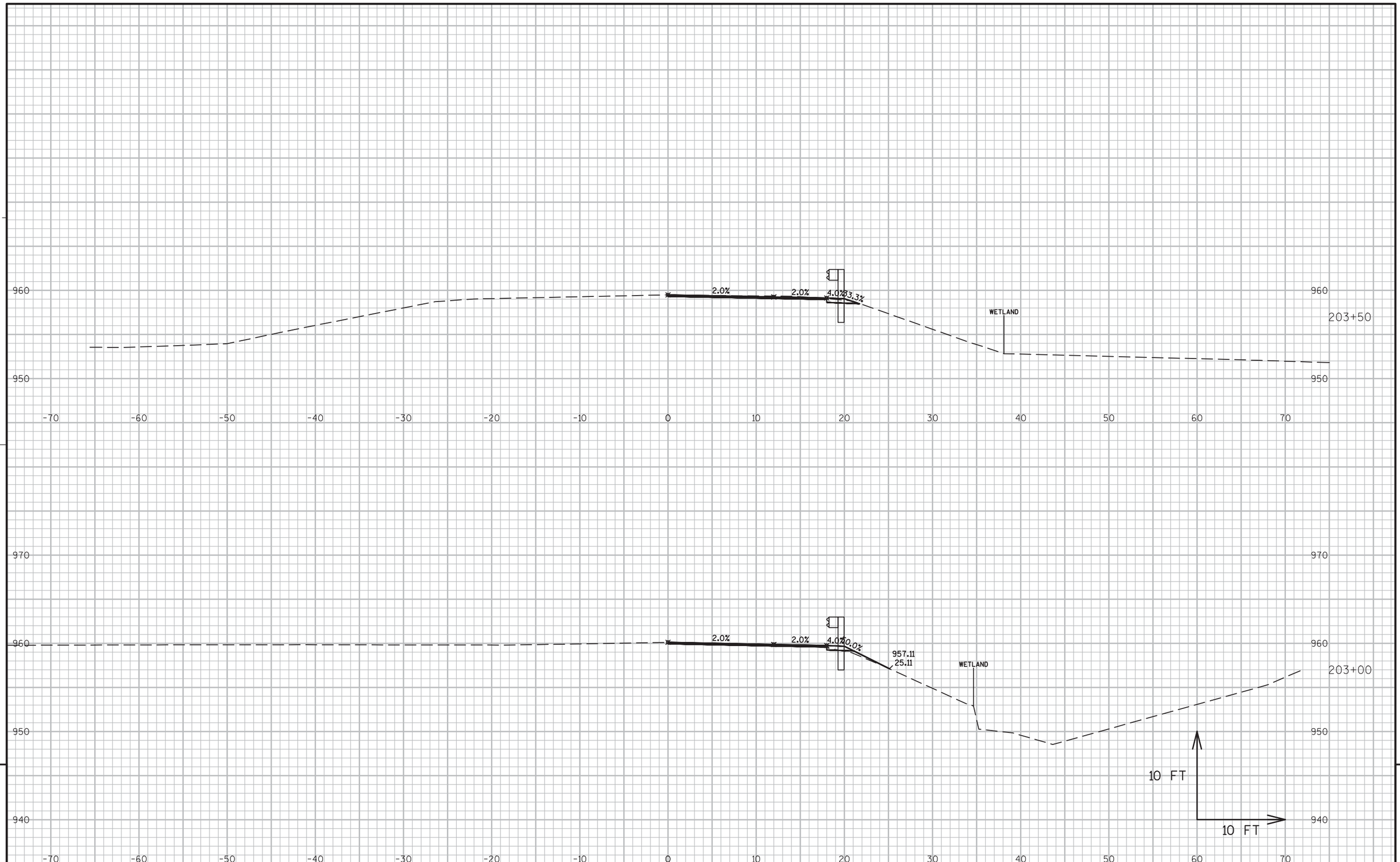


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 294	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:41 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

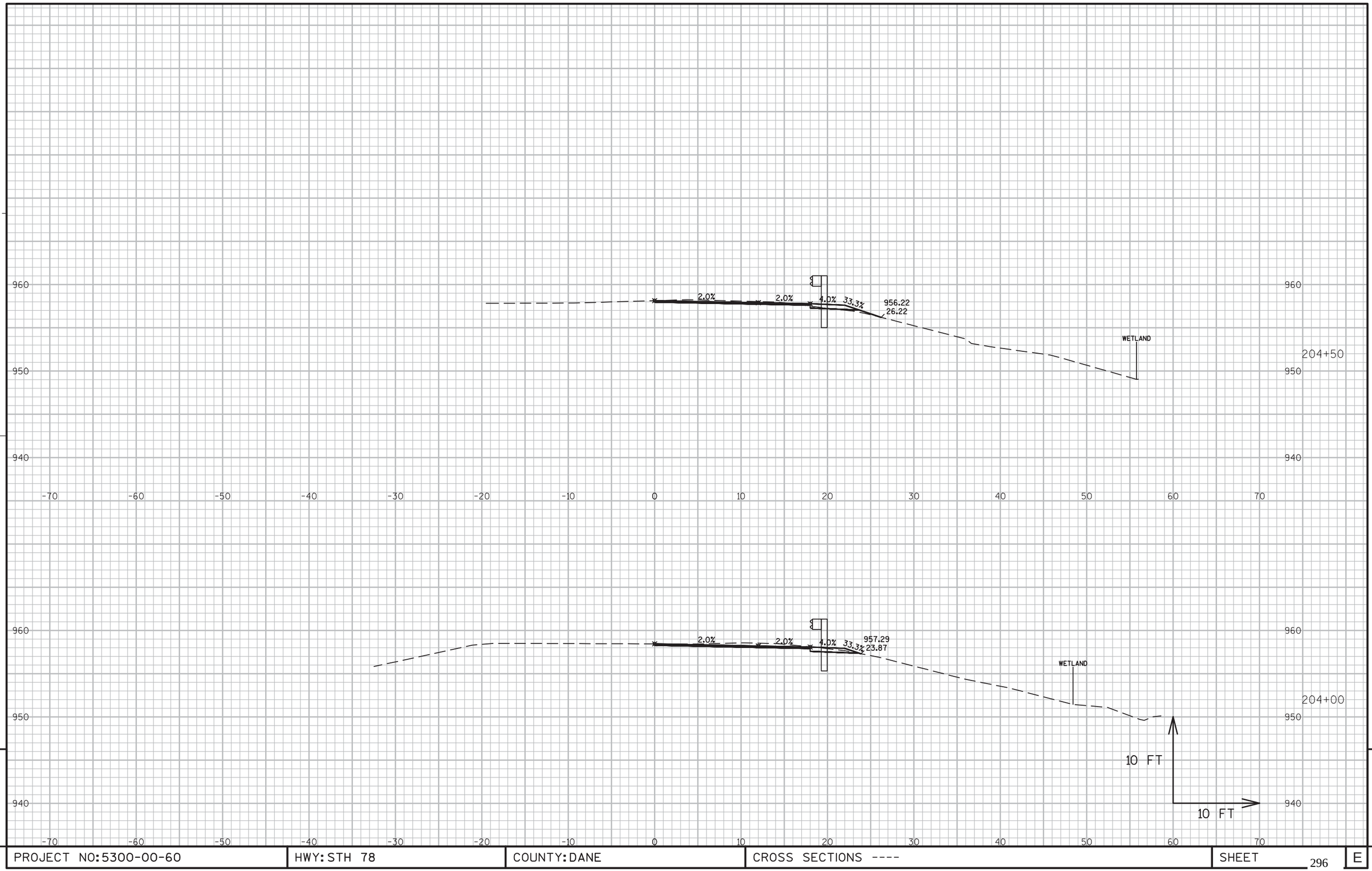


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 295	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:41 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

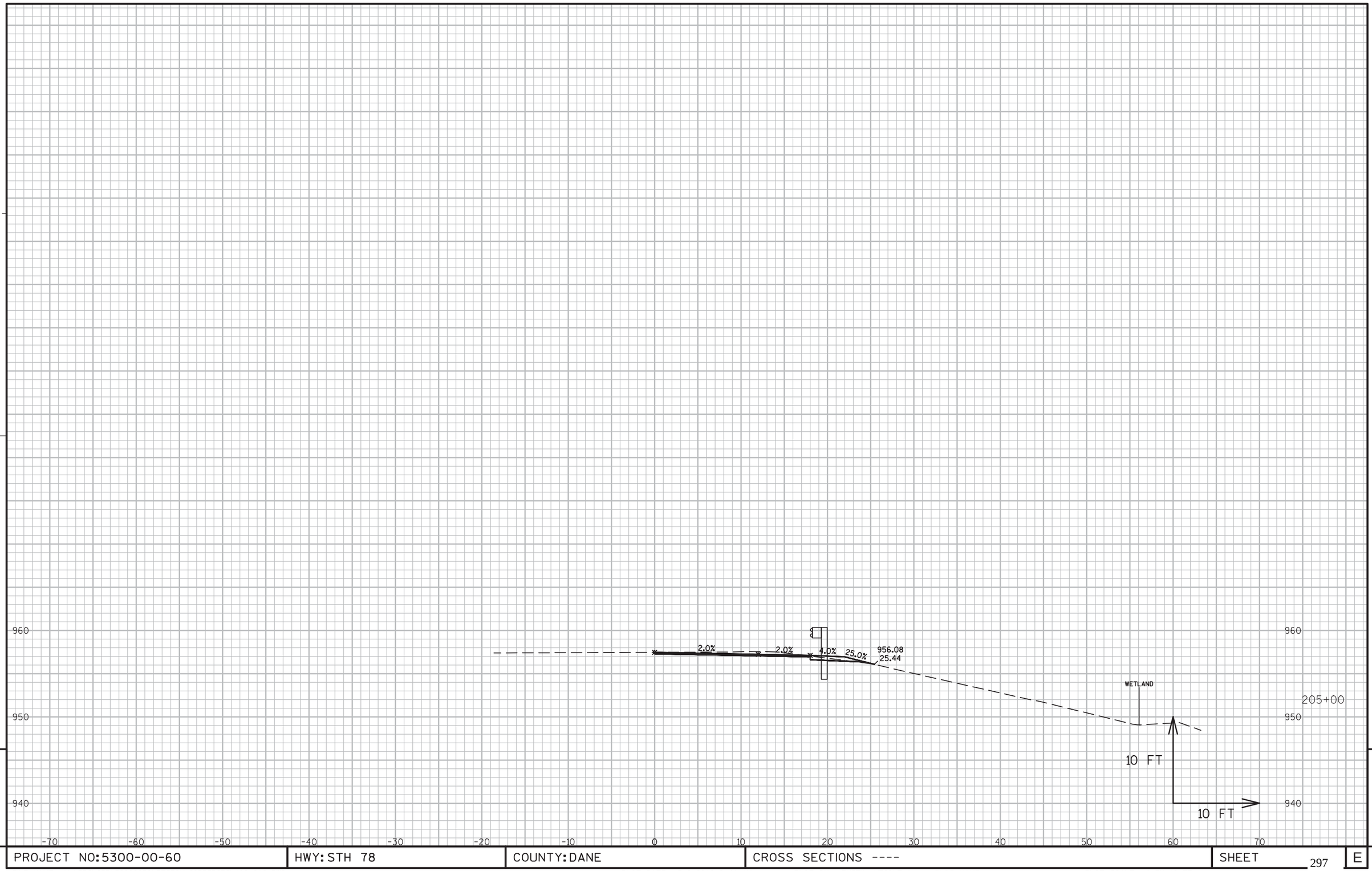


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 296	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:41 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

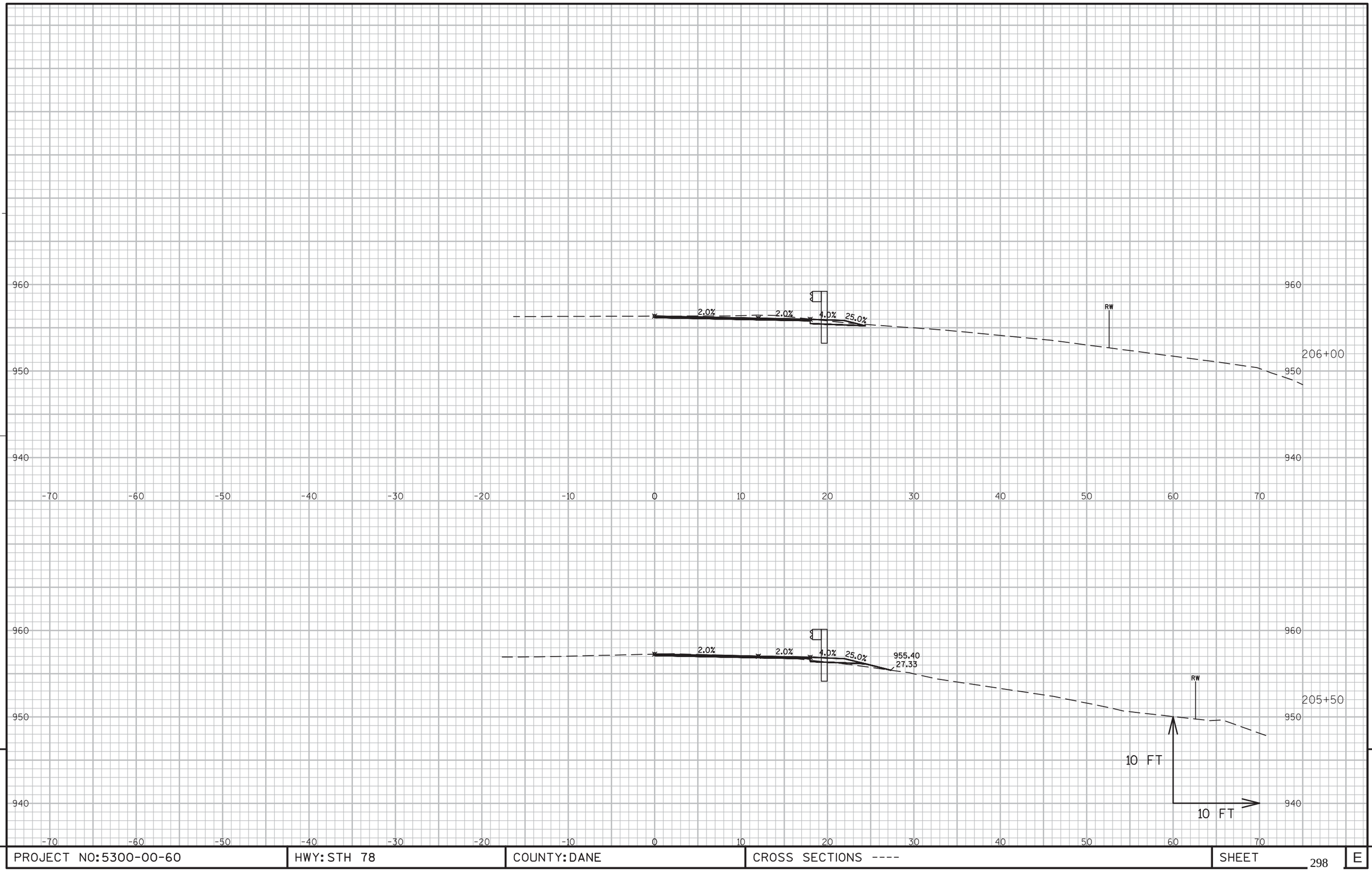
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 297	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 196-205

PLOT DATE : 3/2/2016 8:41 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



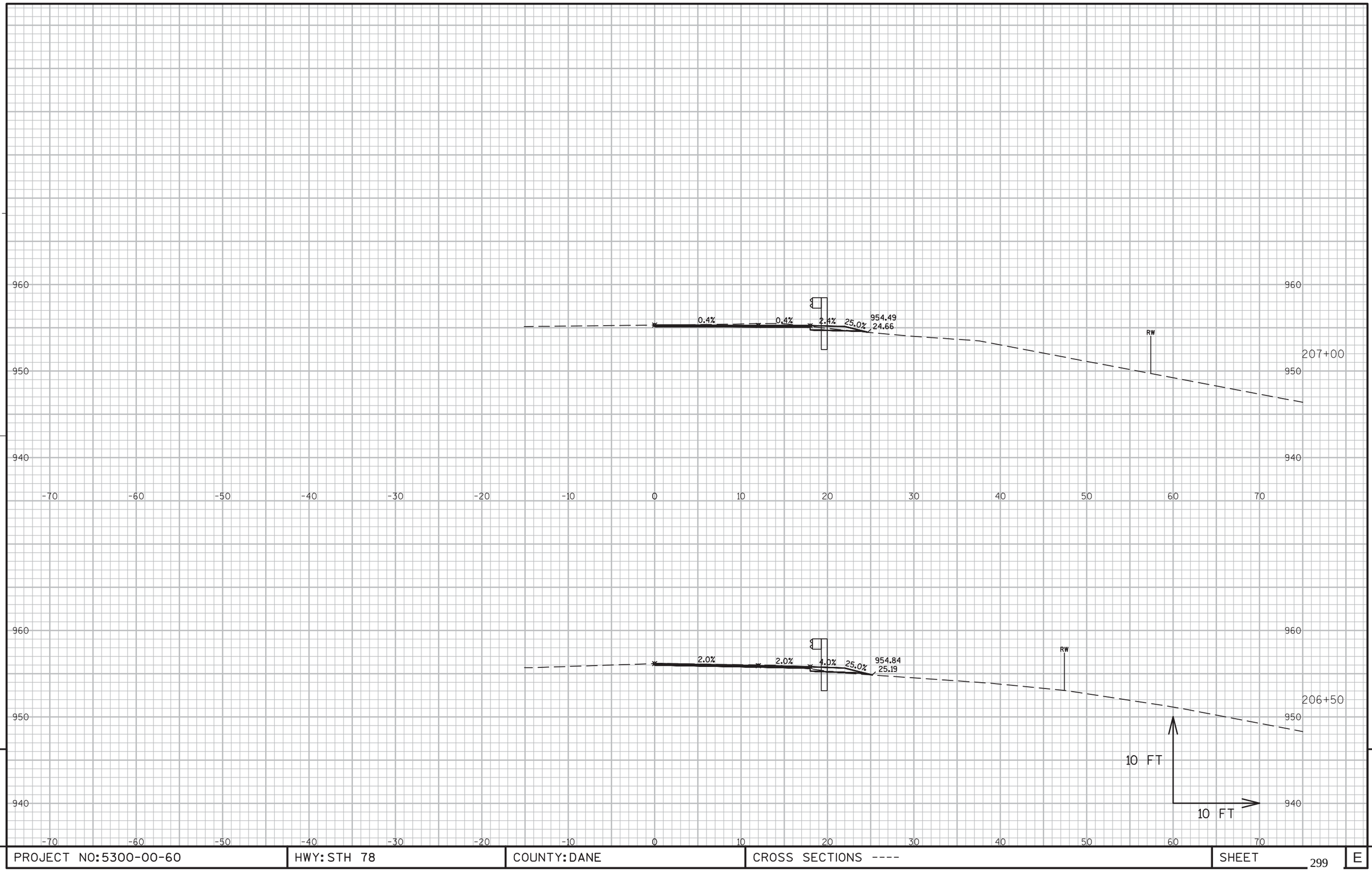
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 298	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:42 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



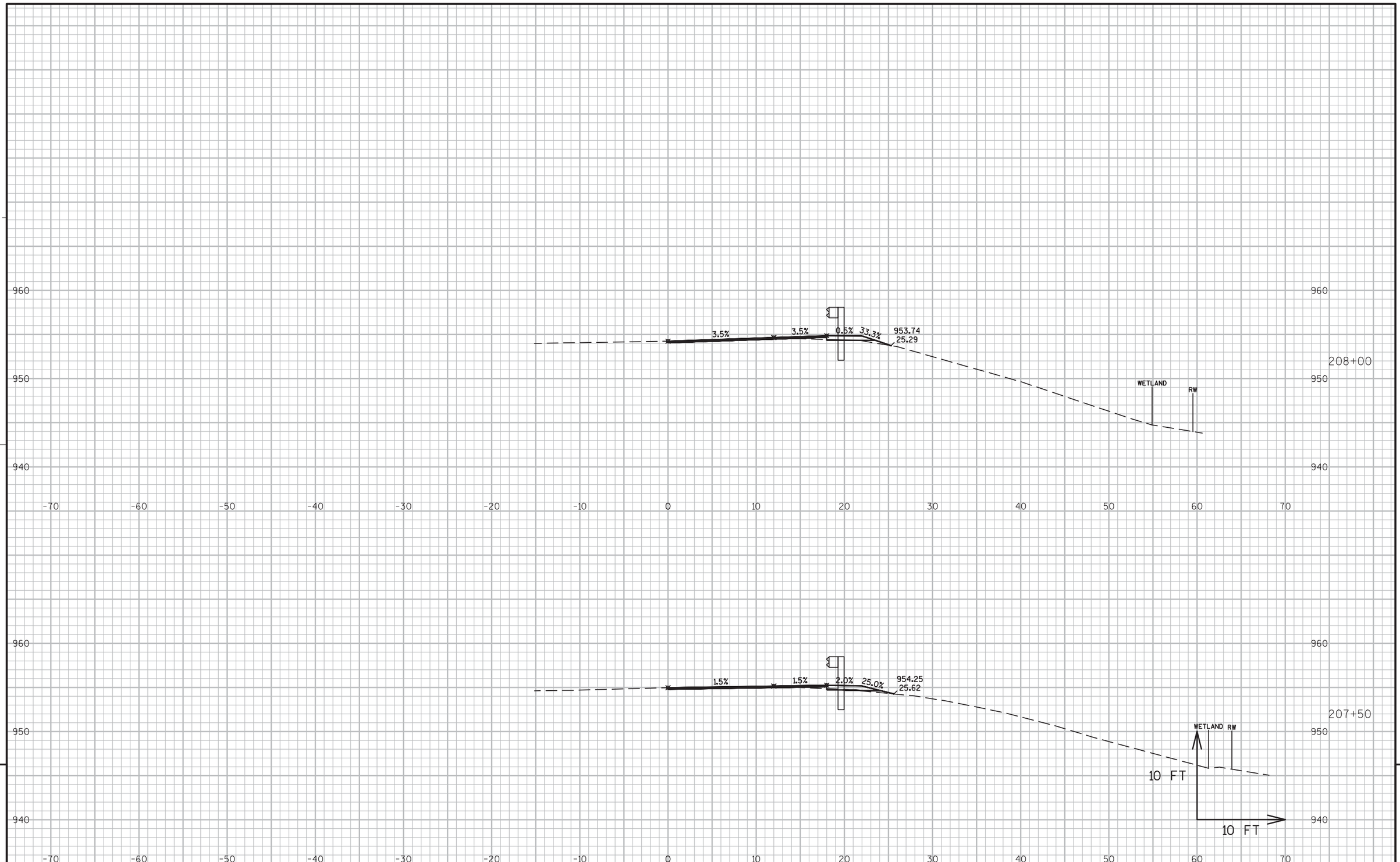
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 299	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:42 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

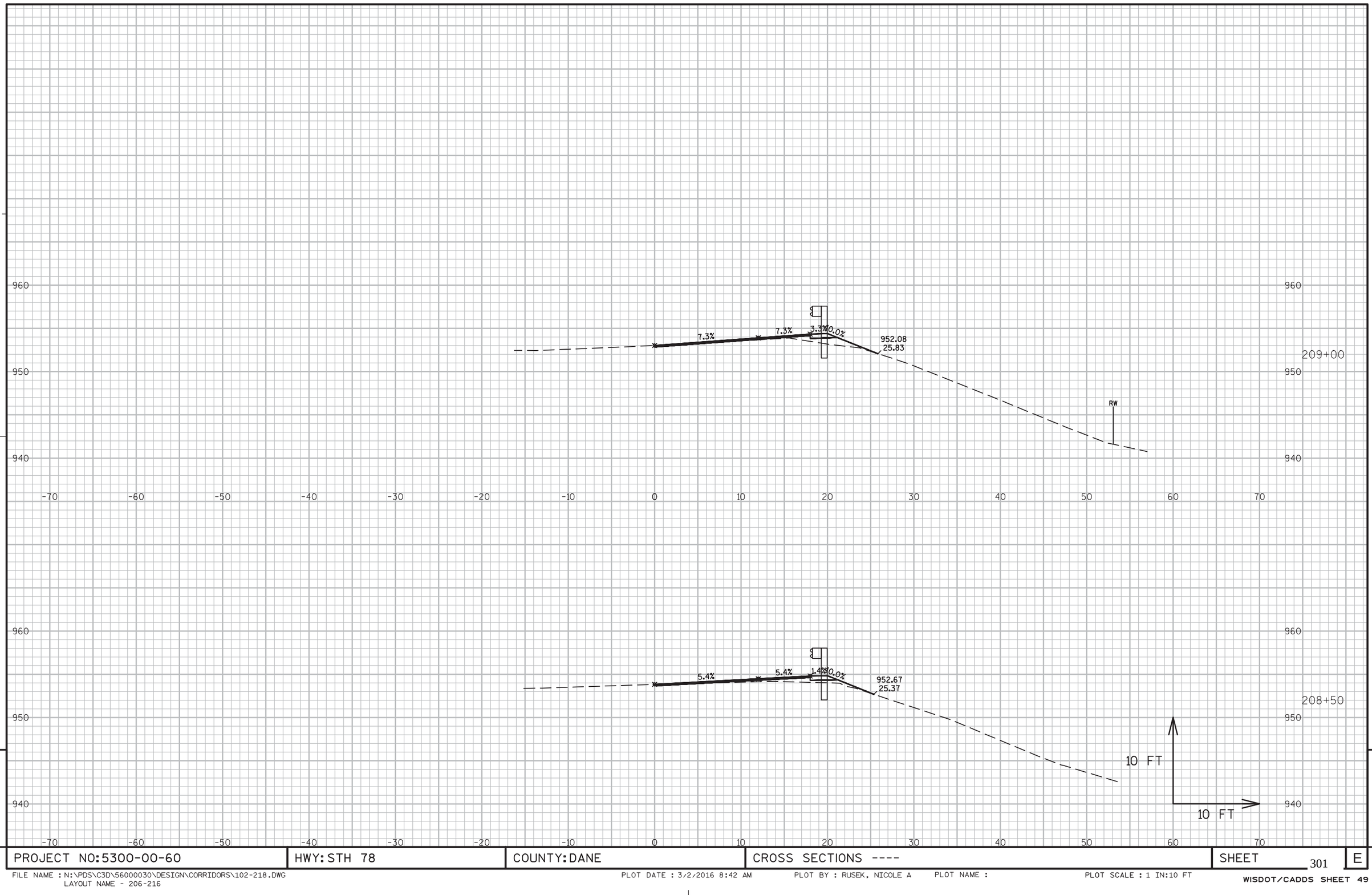
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 300	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:42 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

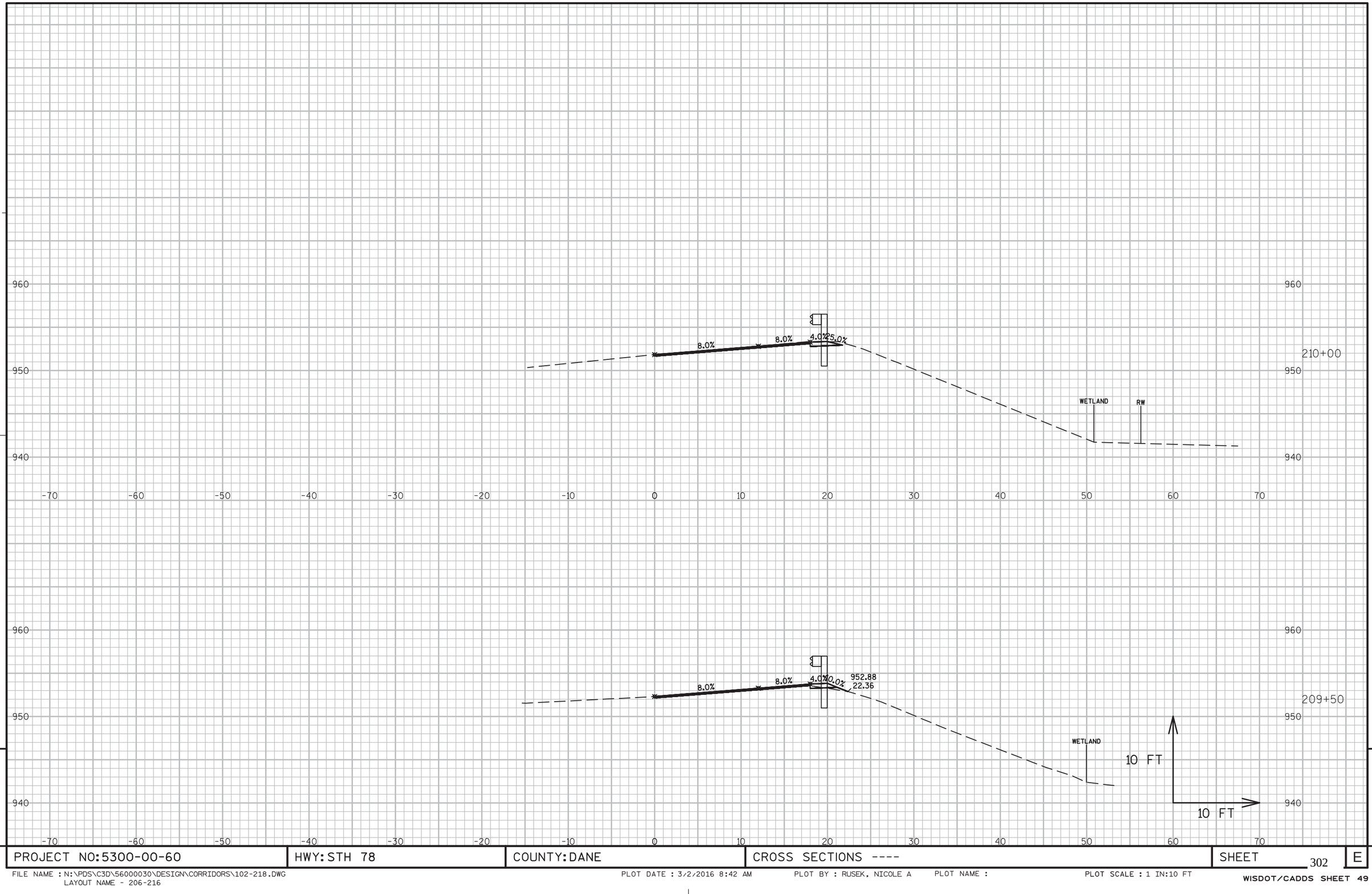
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 301	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:42 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

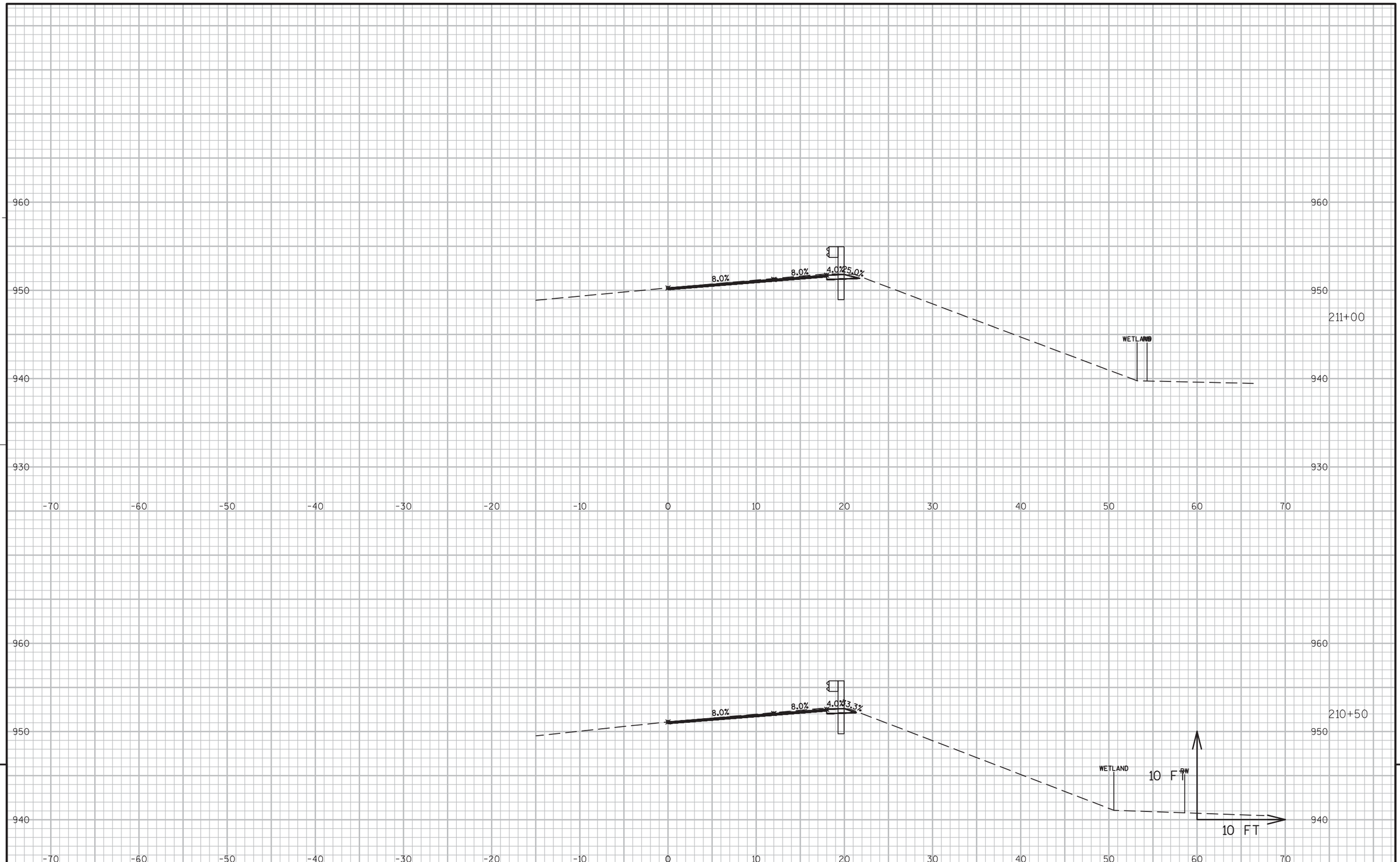


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 302	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:42 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

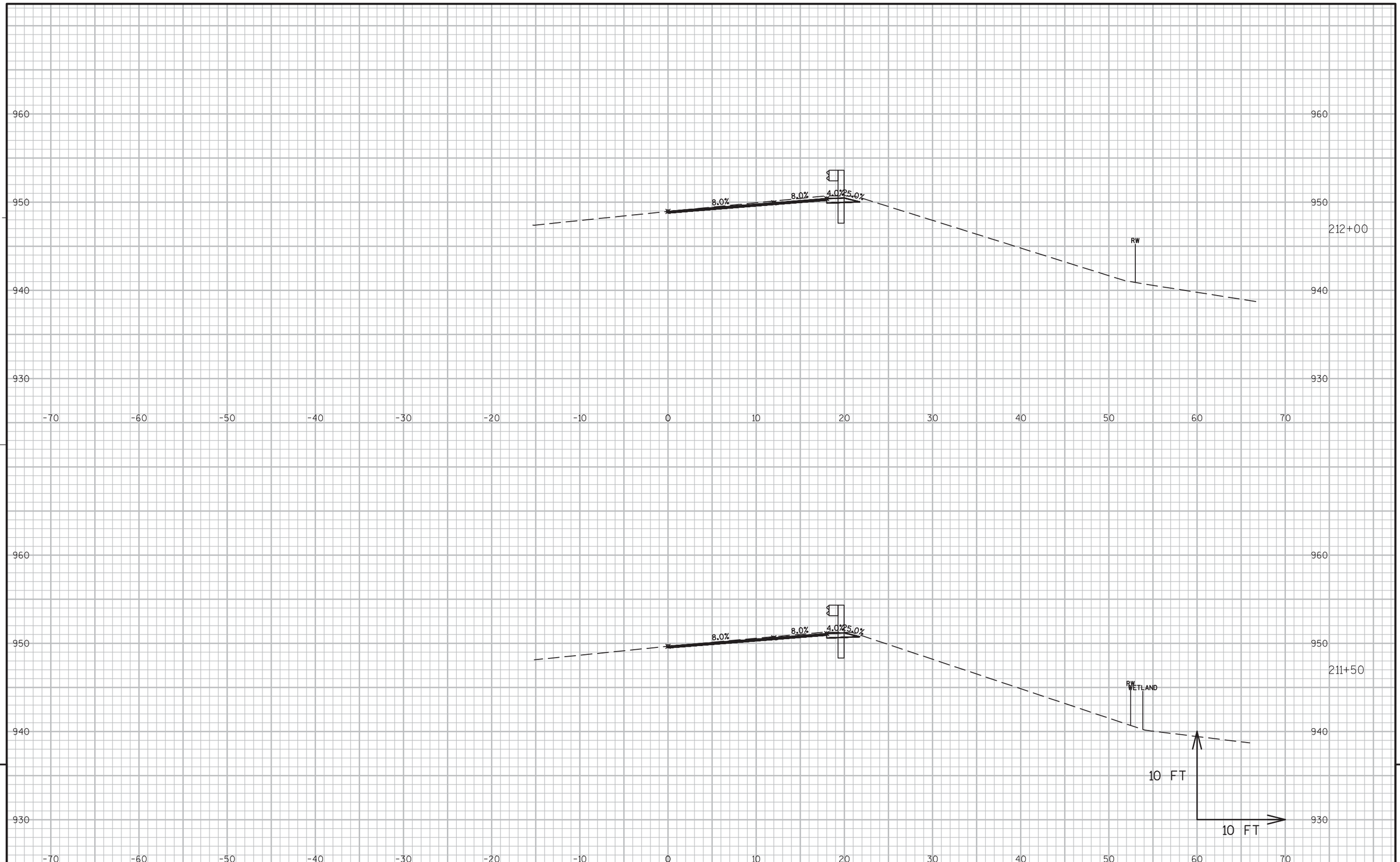


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 303	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:42 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

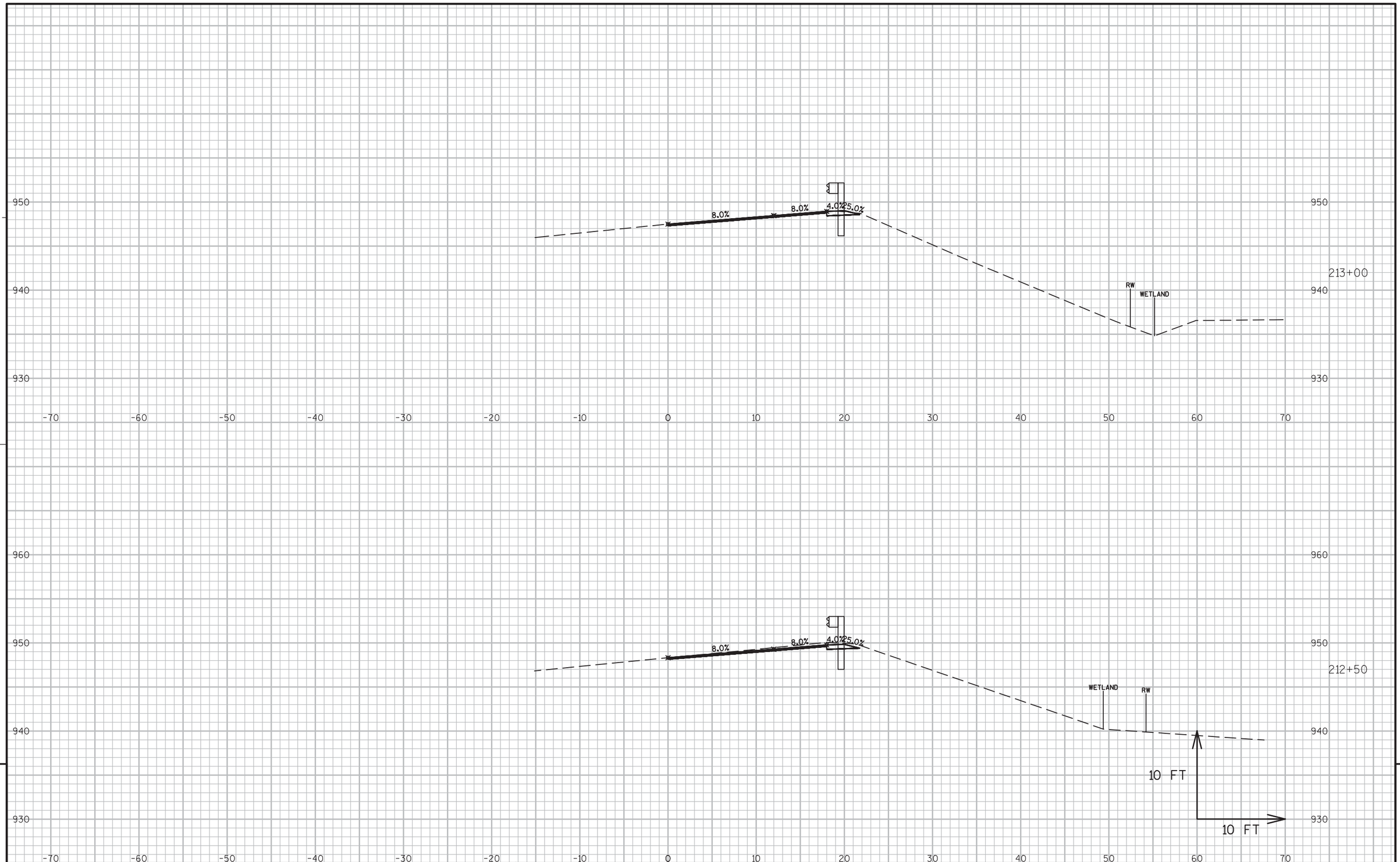
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 304	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:43 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

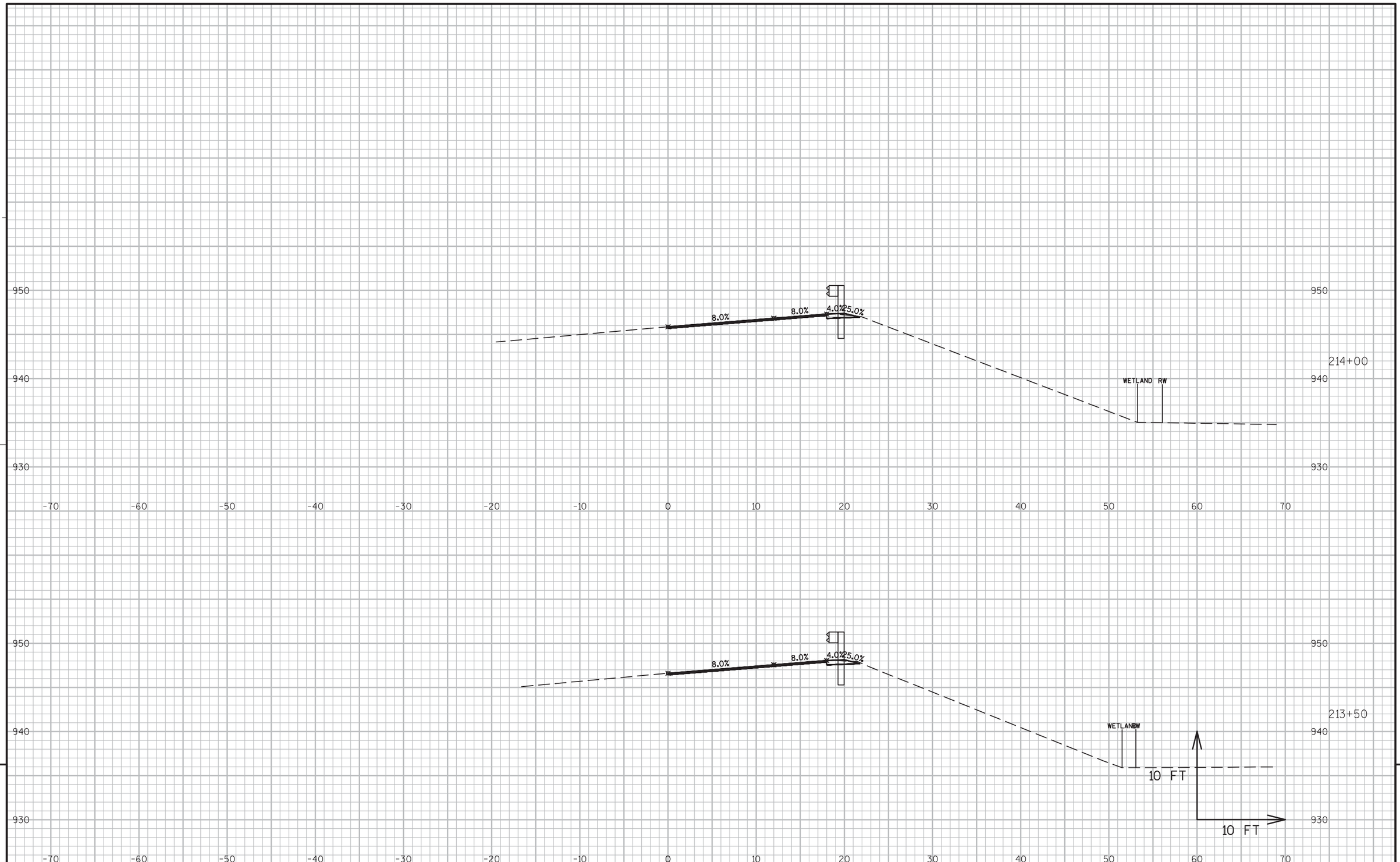
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 305	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:43 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

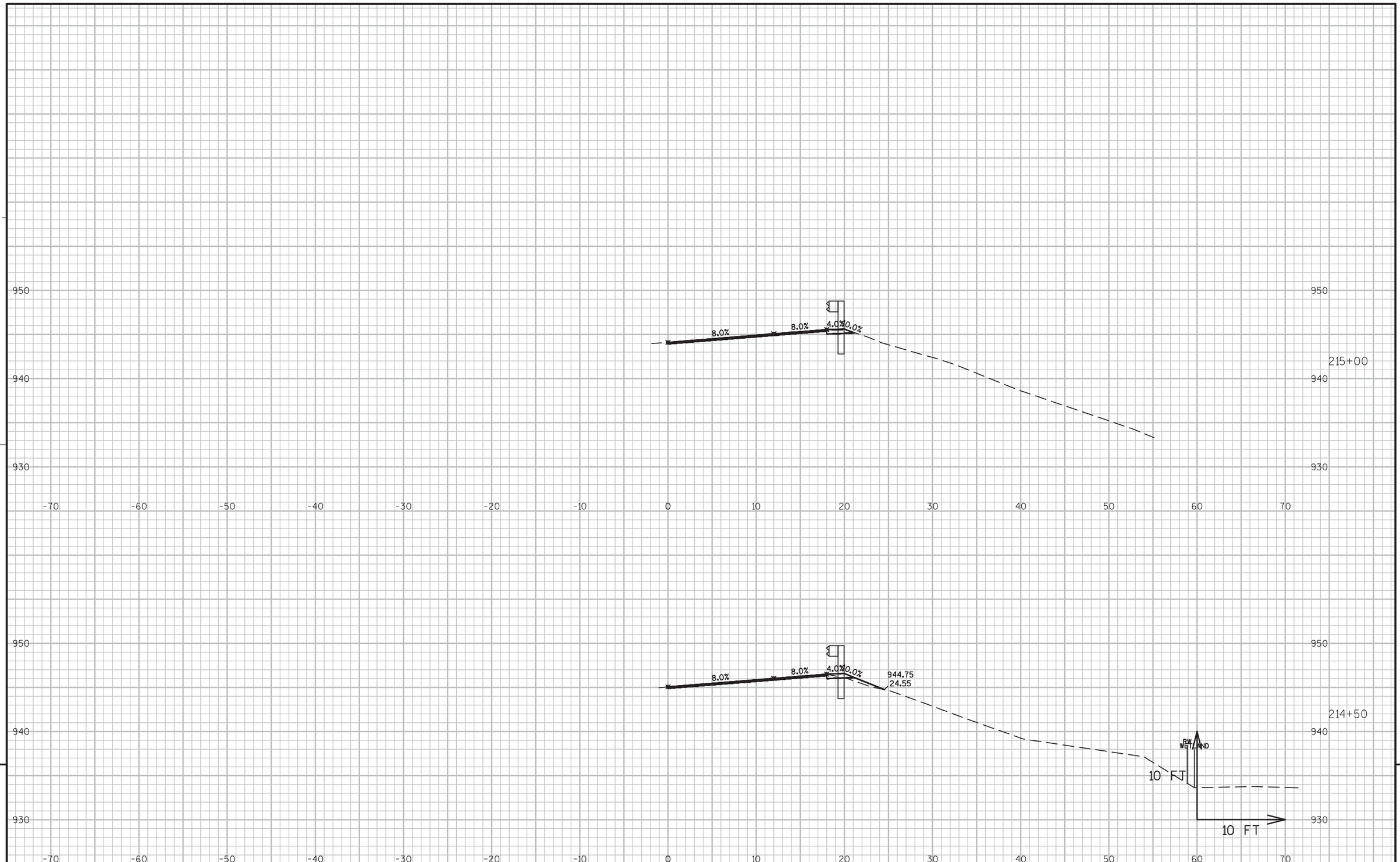


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 306	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:43 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

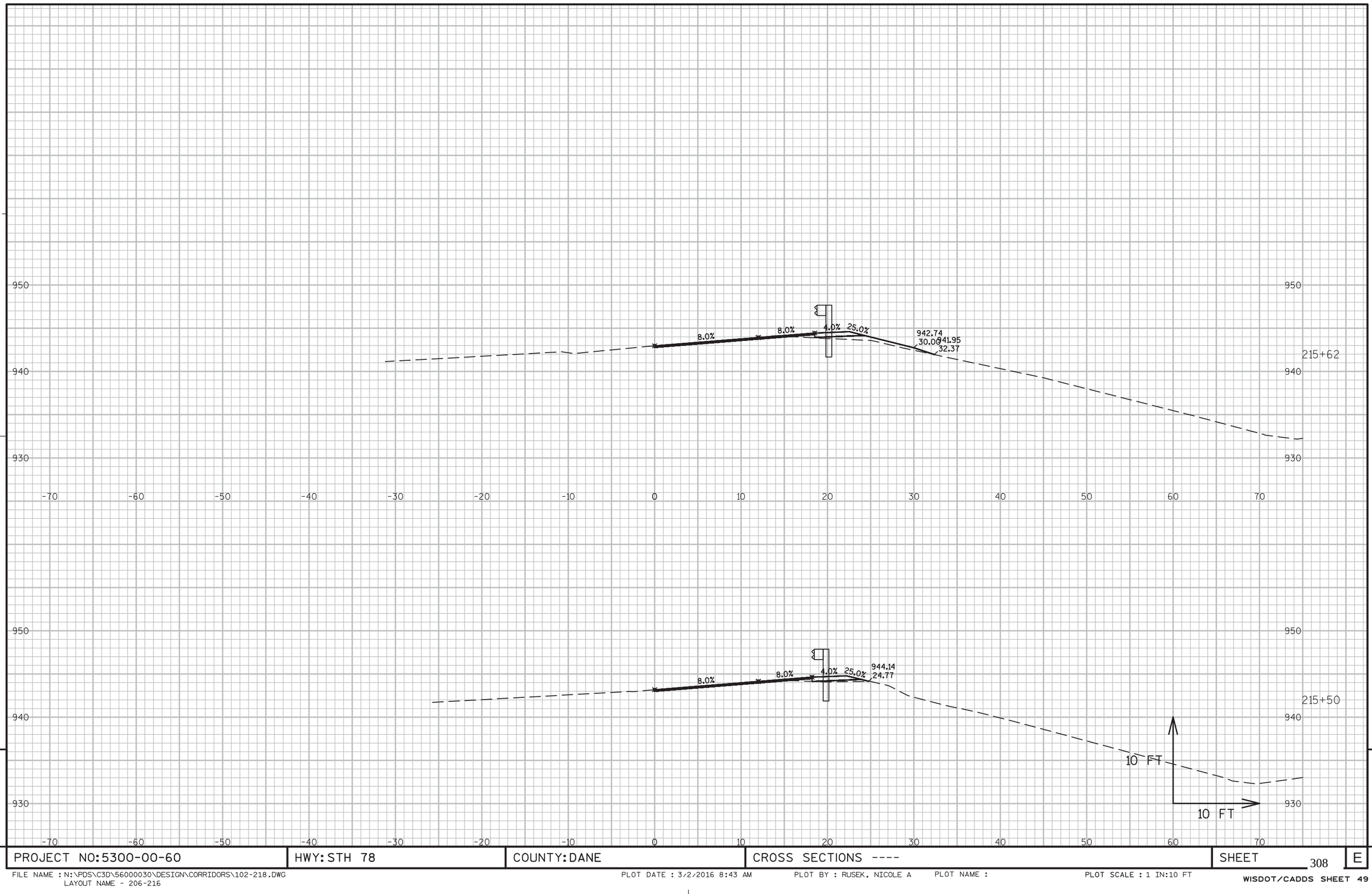
WISDOT/CADDS SHEET 49



9

9

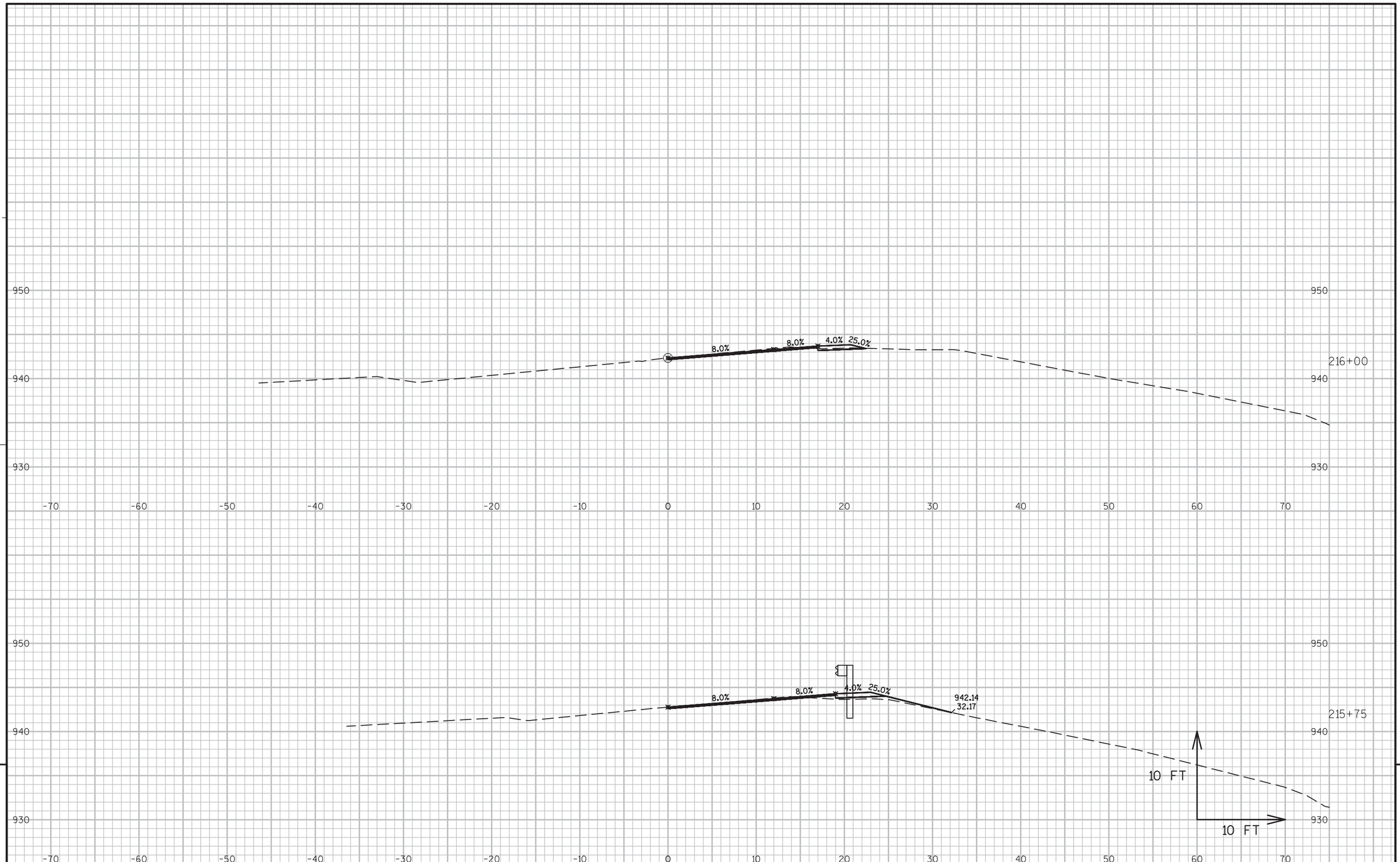
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 307	E



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 308	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:43 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



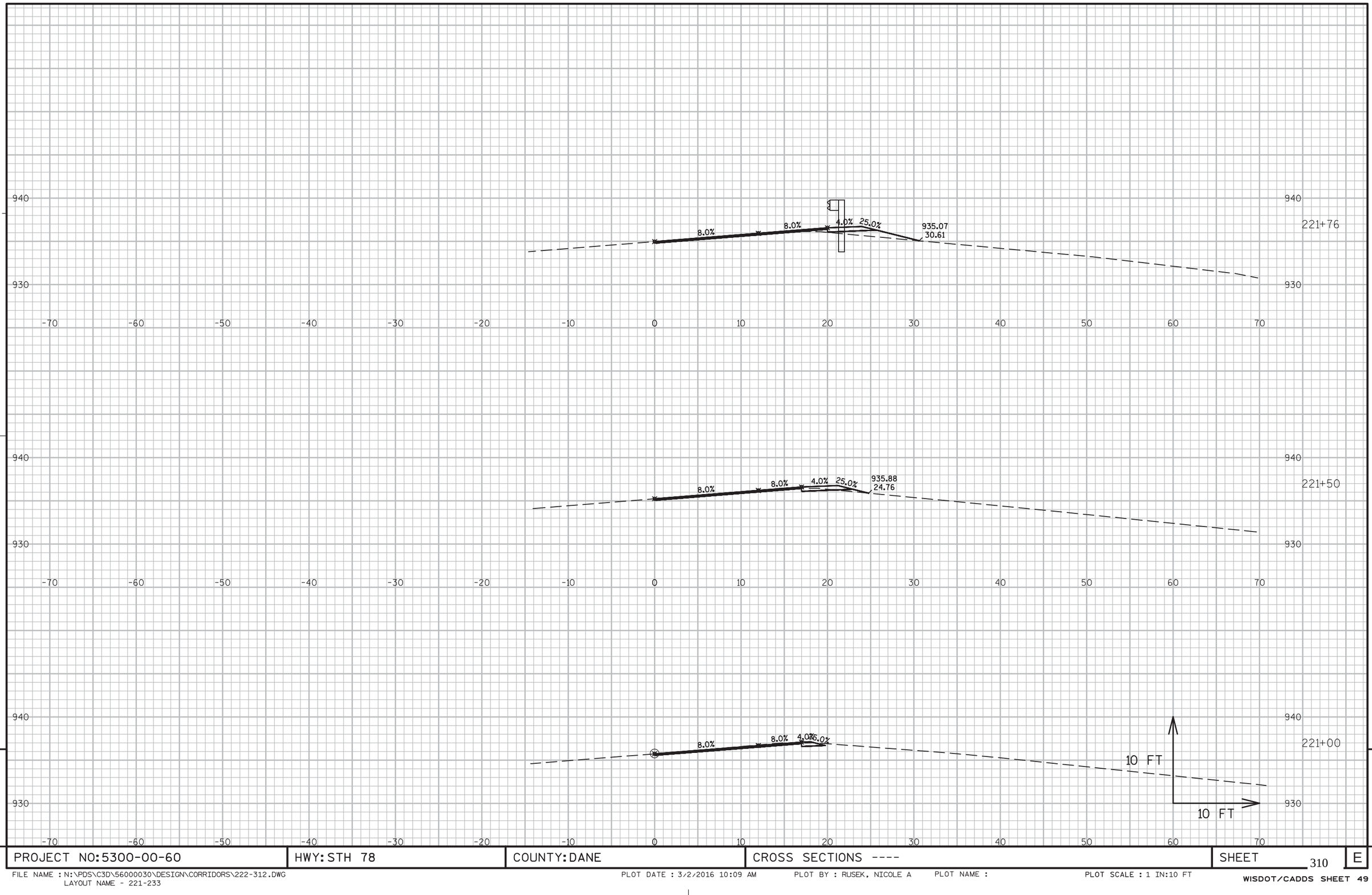
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 309	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\102-218.DWG
LAYOUT NAME - 206-216

PLOT DATE : 3/2/2016 8:43 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

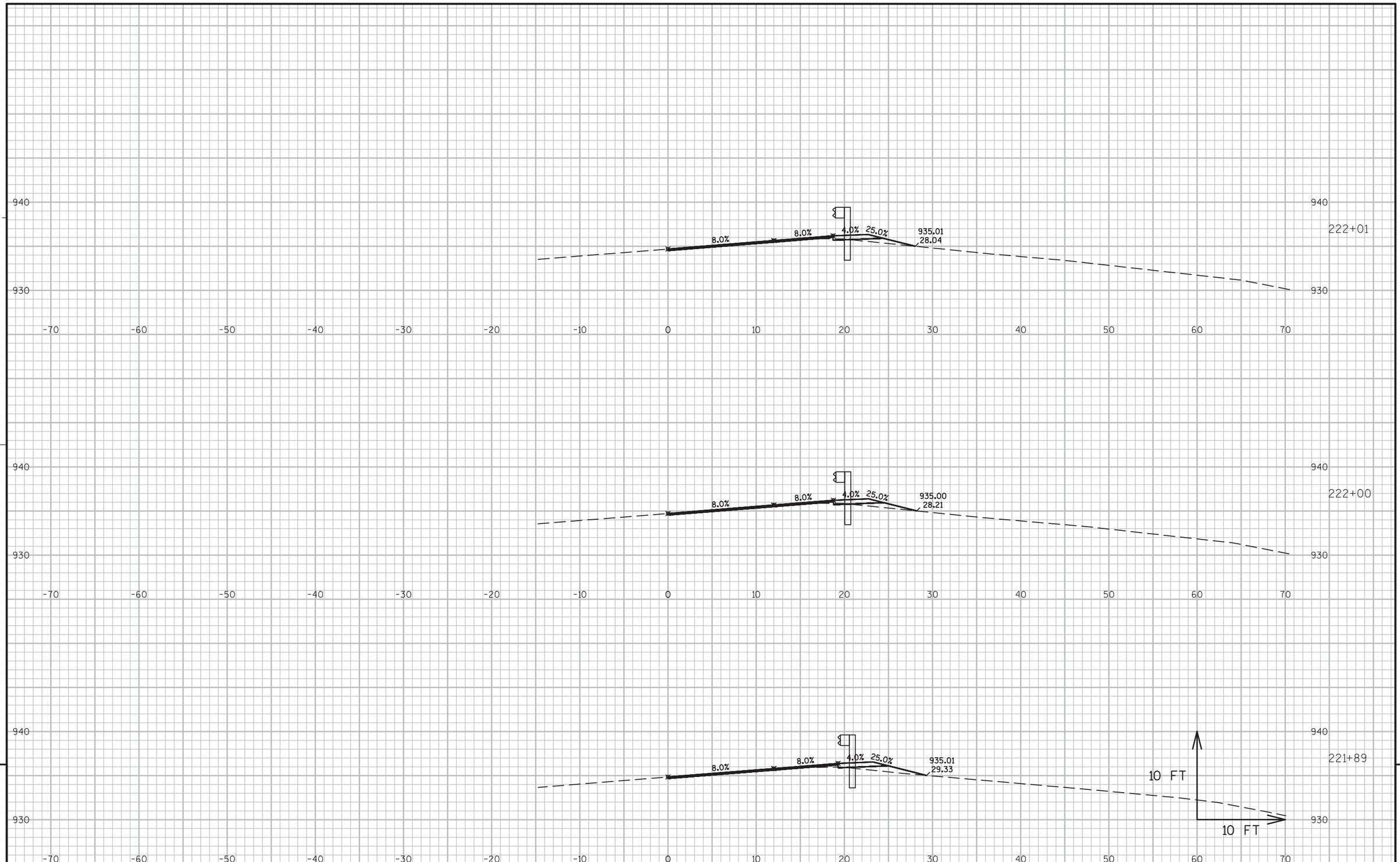
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 310	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:09 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

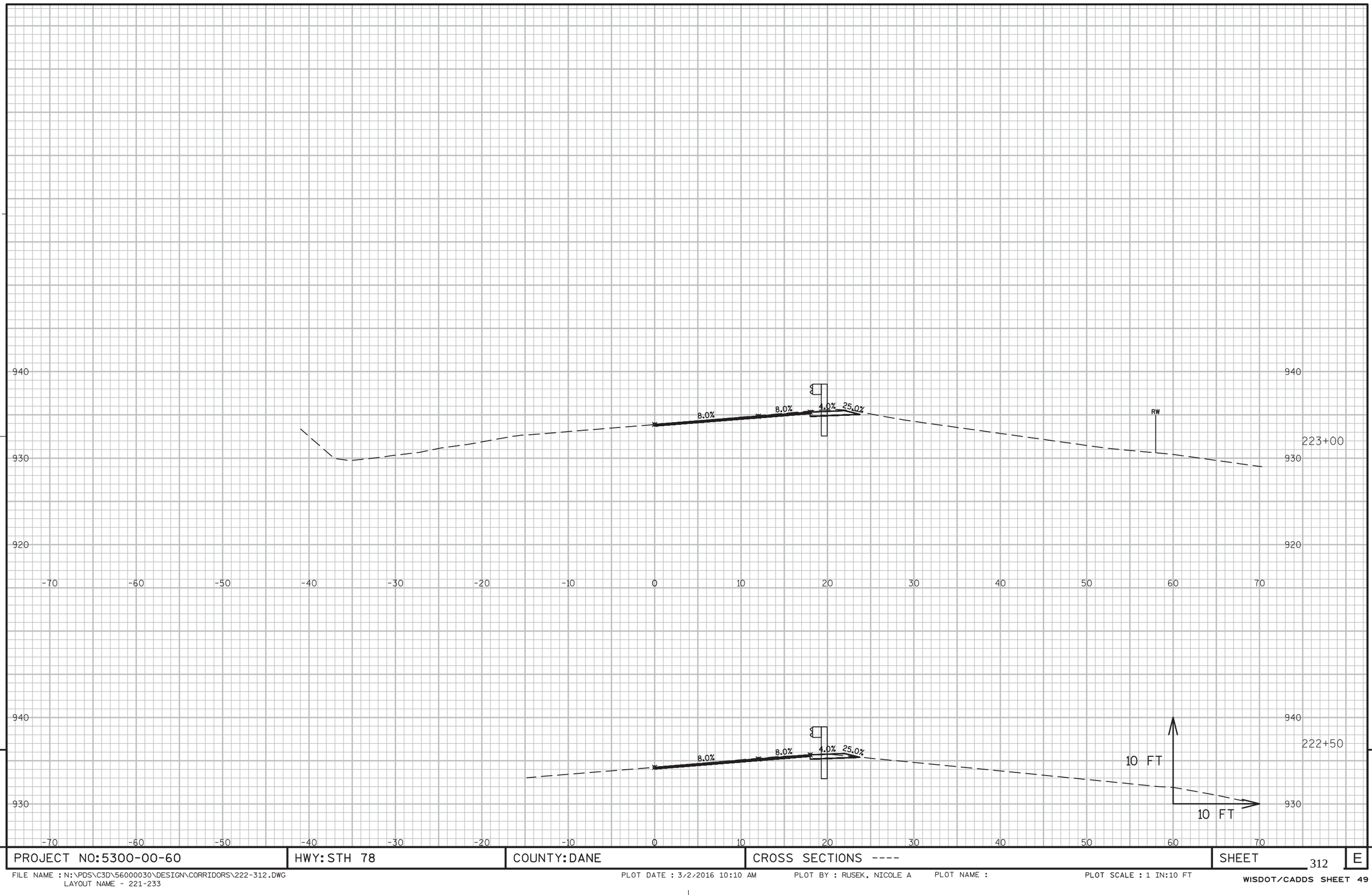


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 311	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:10 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

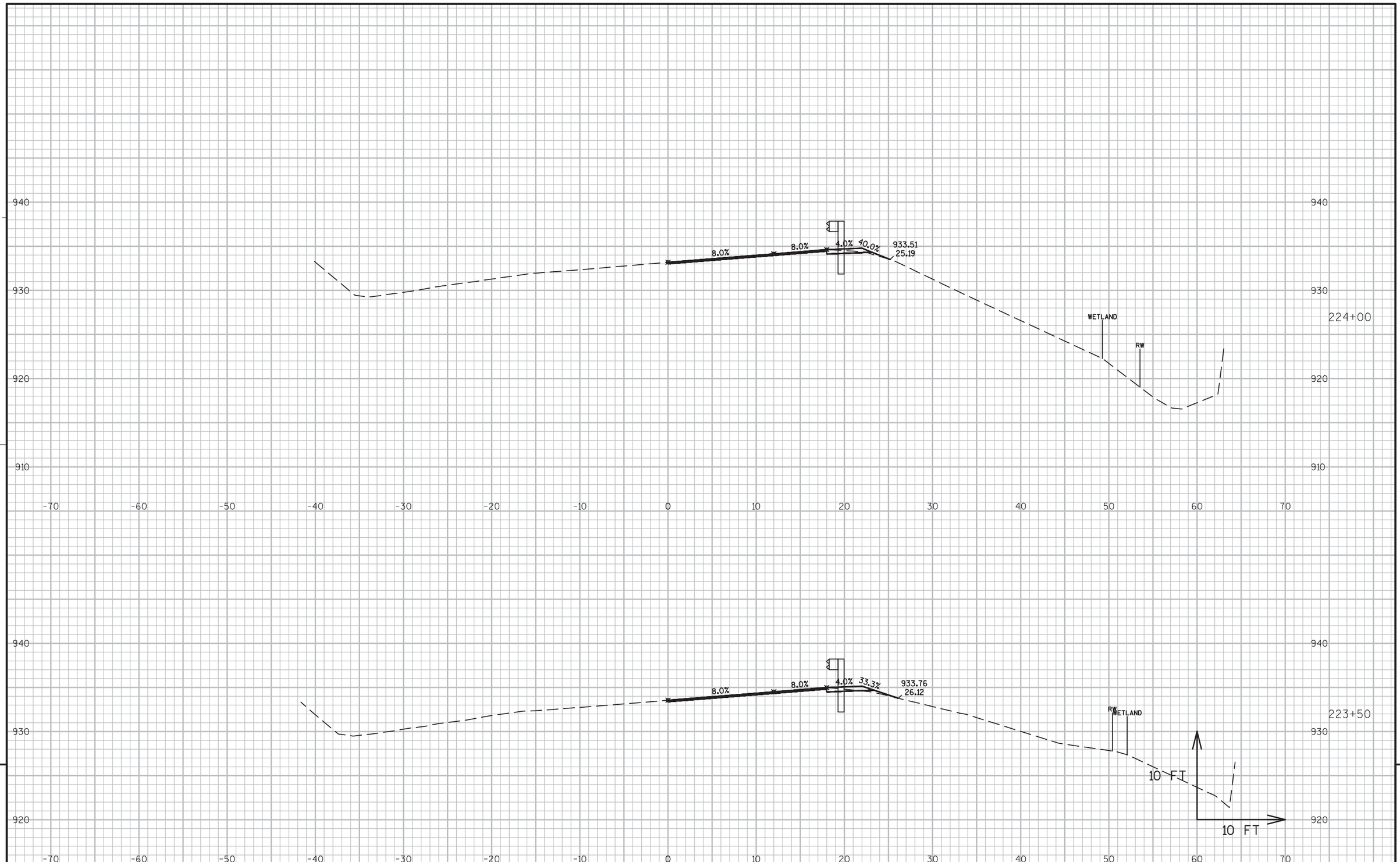
WISDOT/CADDS SHEET 49



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 312	E

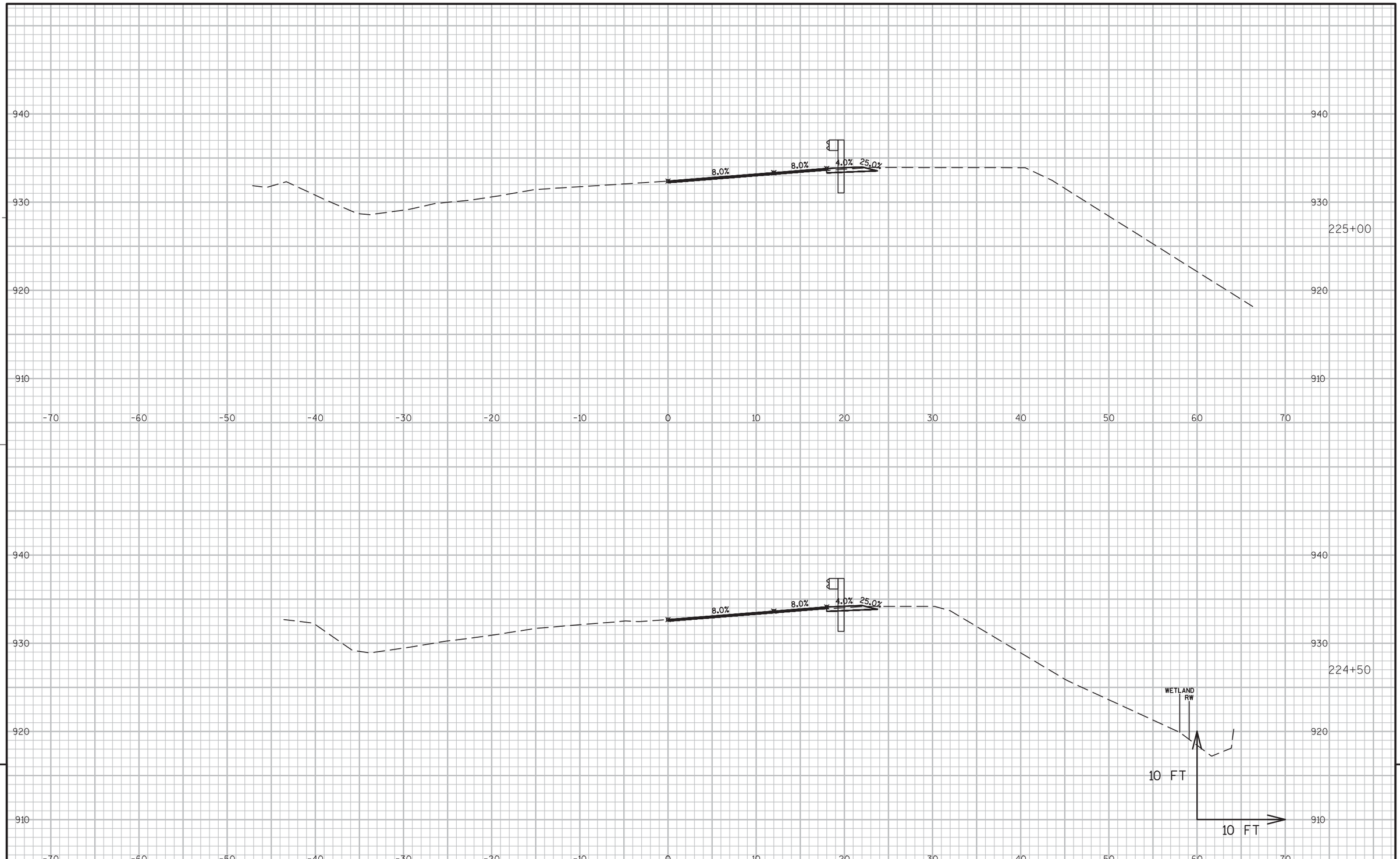


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 313	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:10 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

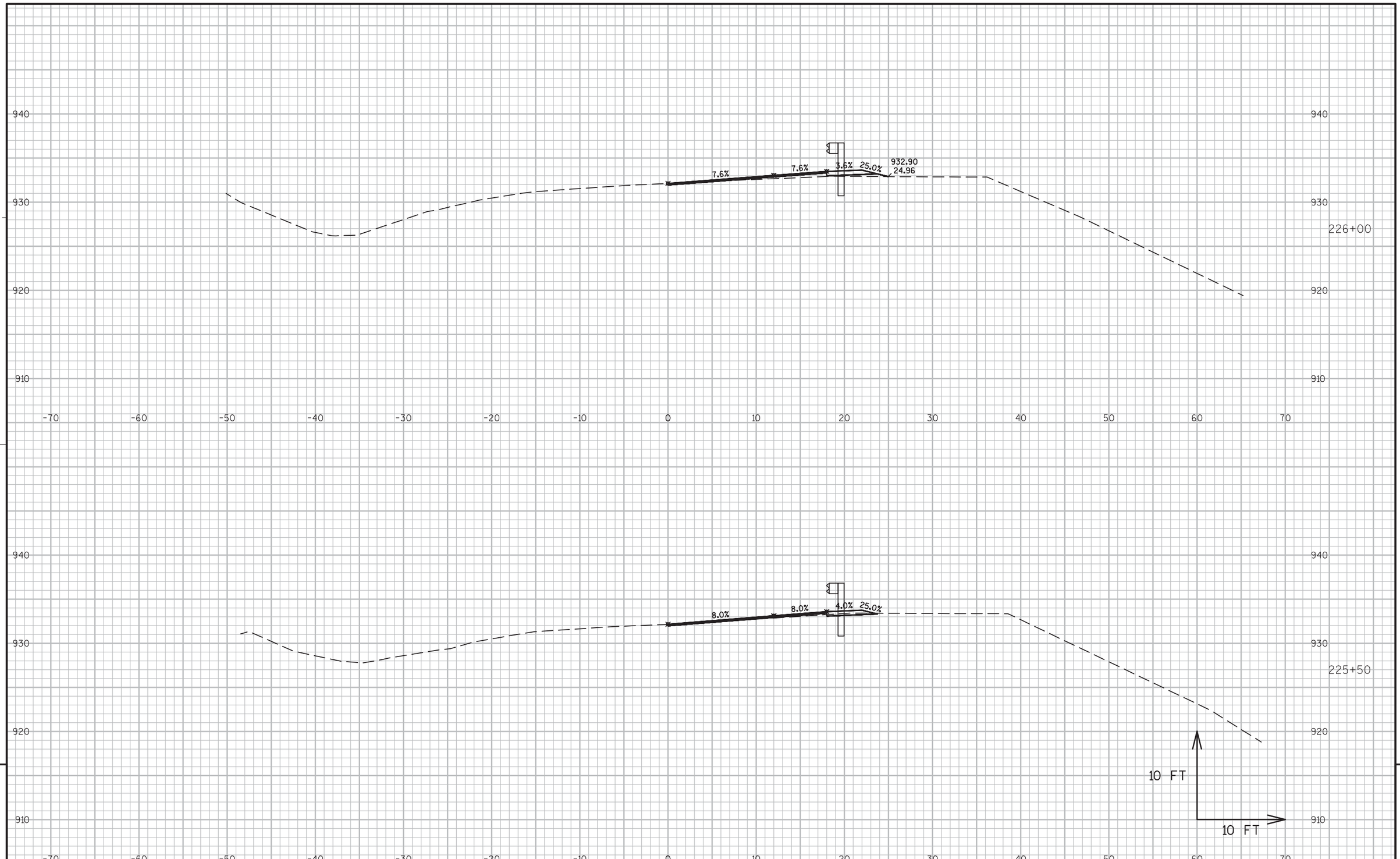
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 314	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

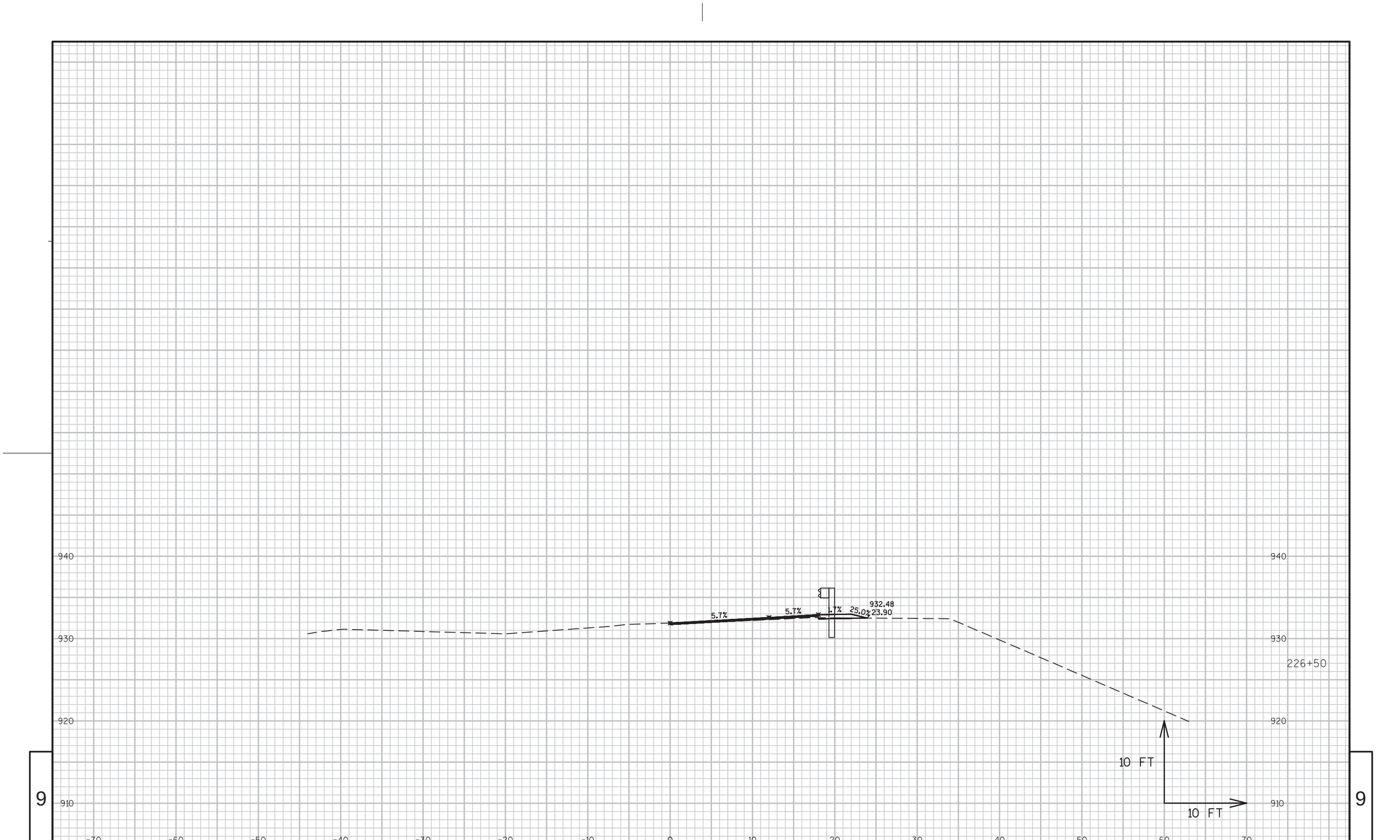
PLOT DATE : 3/2/2016 10:10 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 315	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:10 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

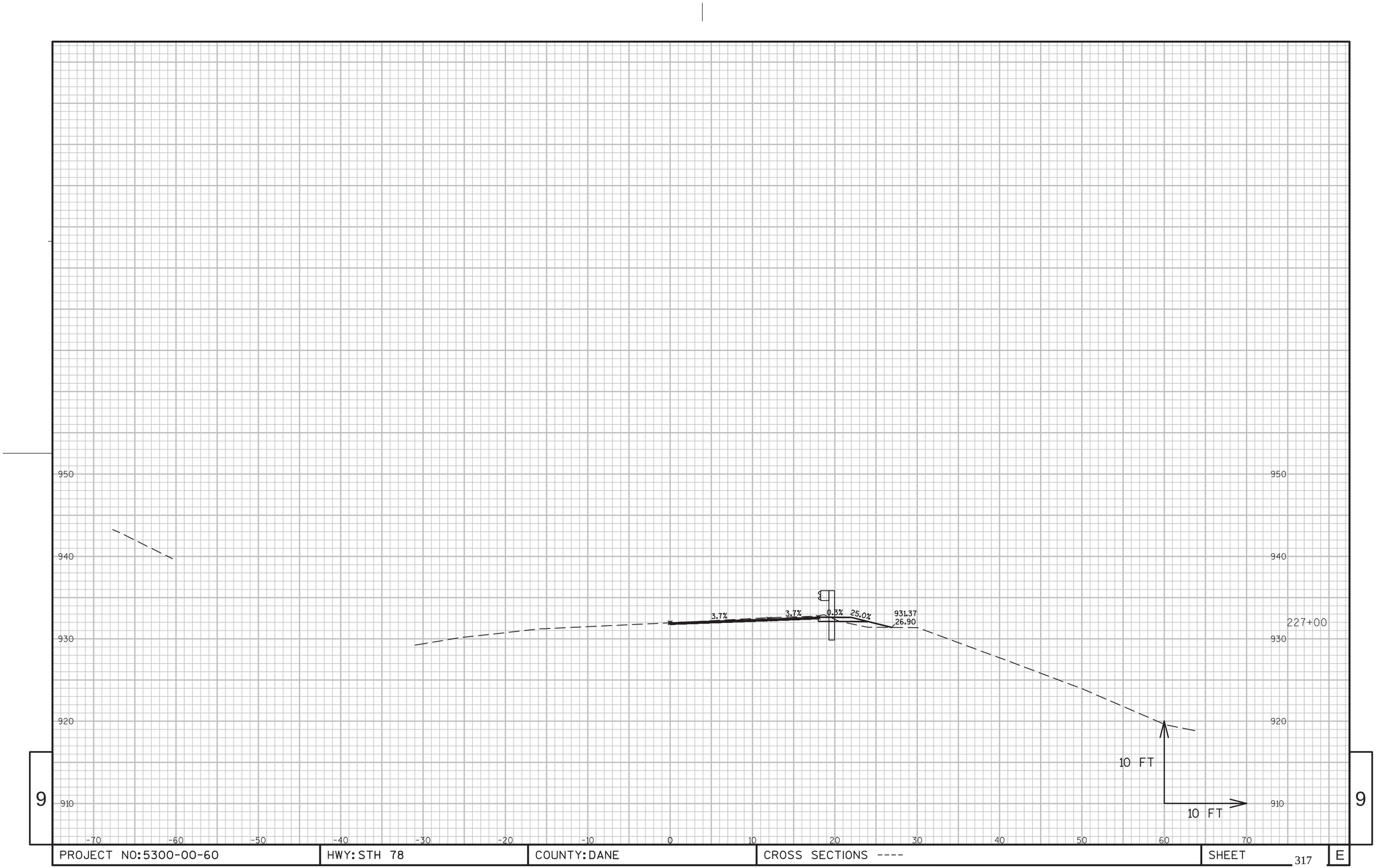
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 316	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:10 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



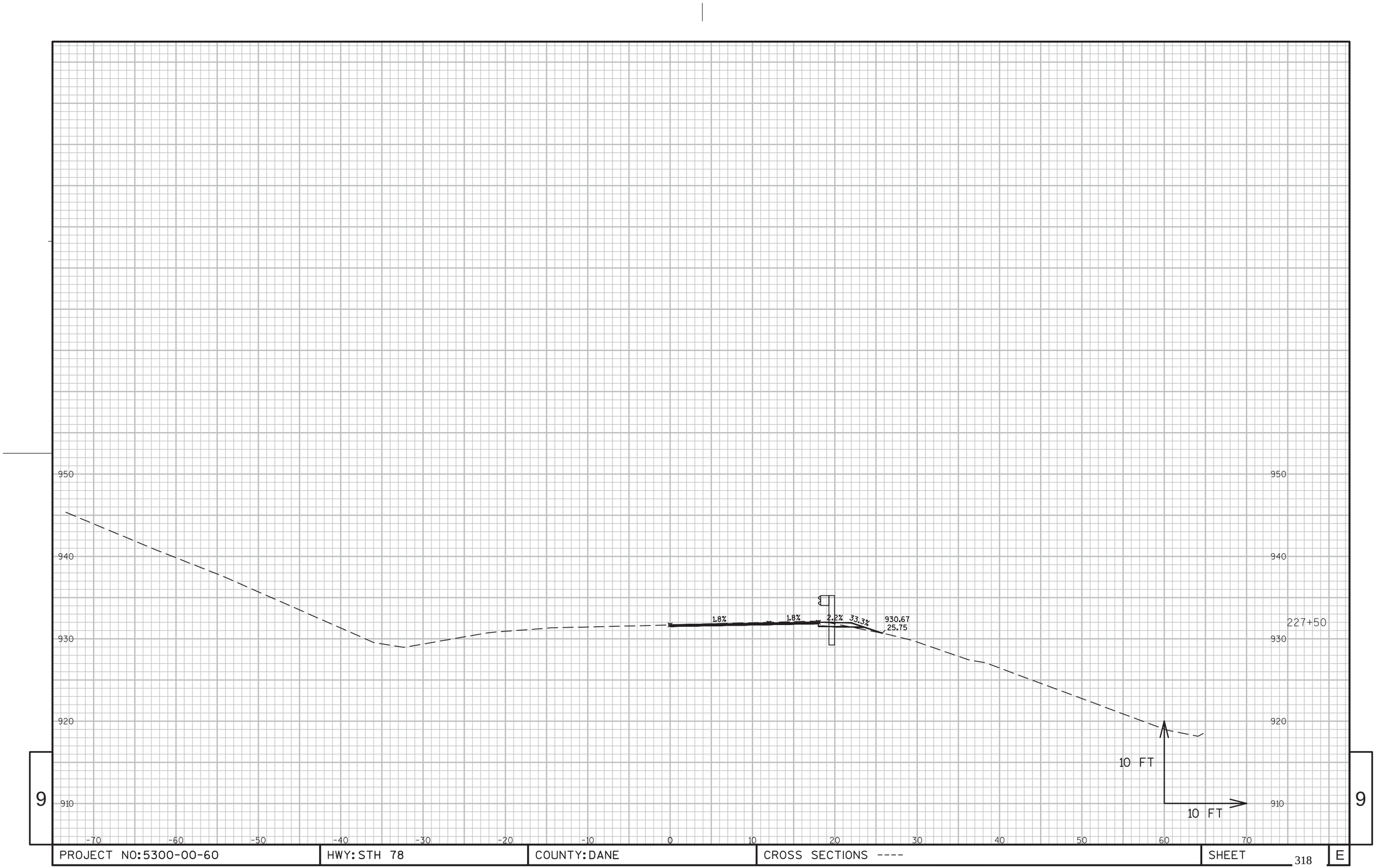
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 317	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

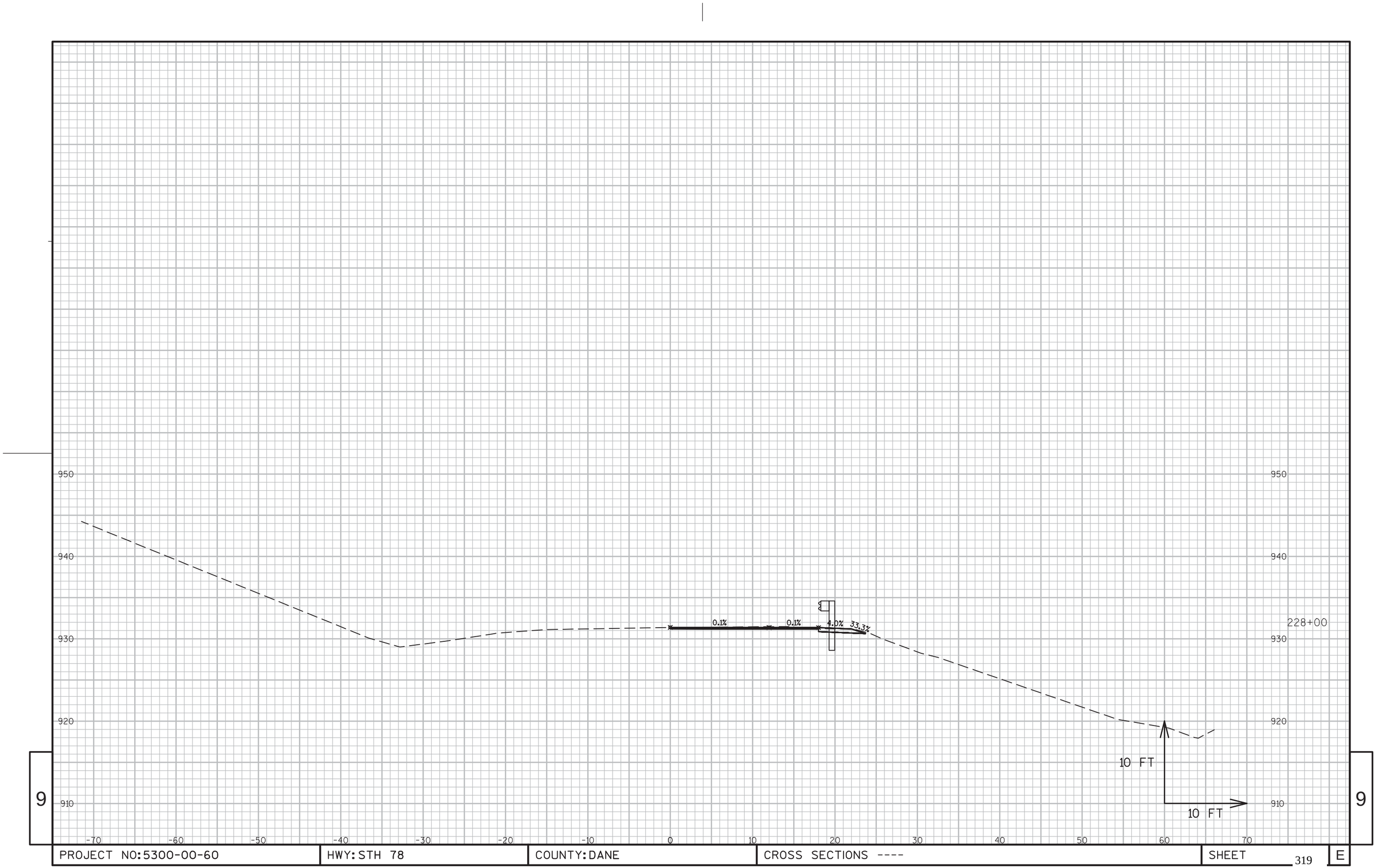
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 318	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

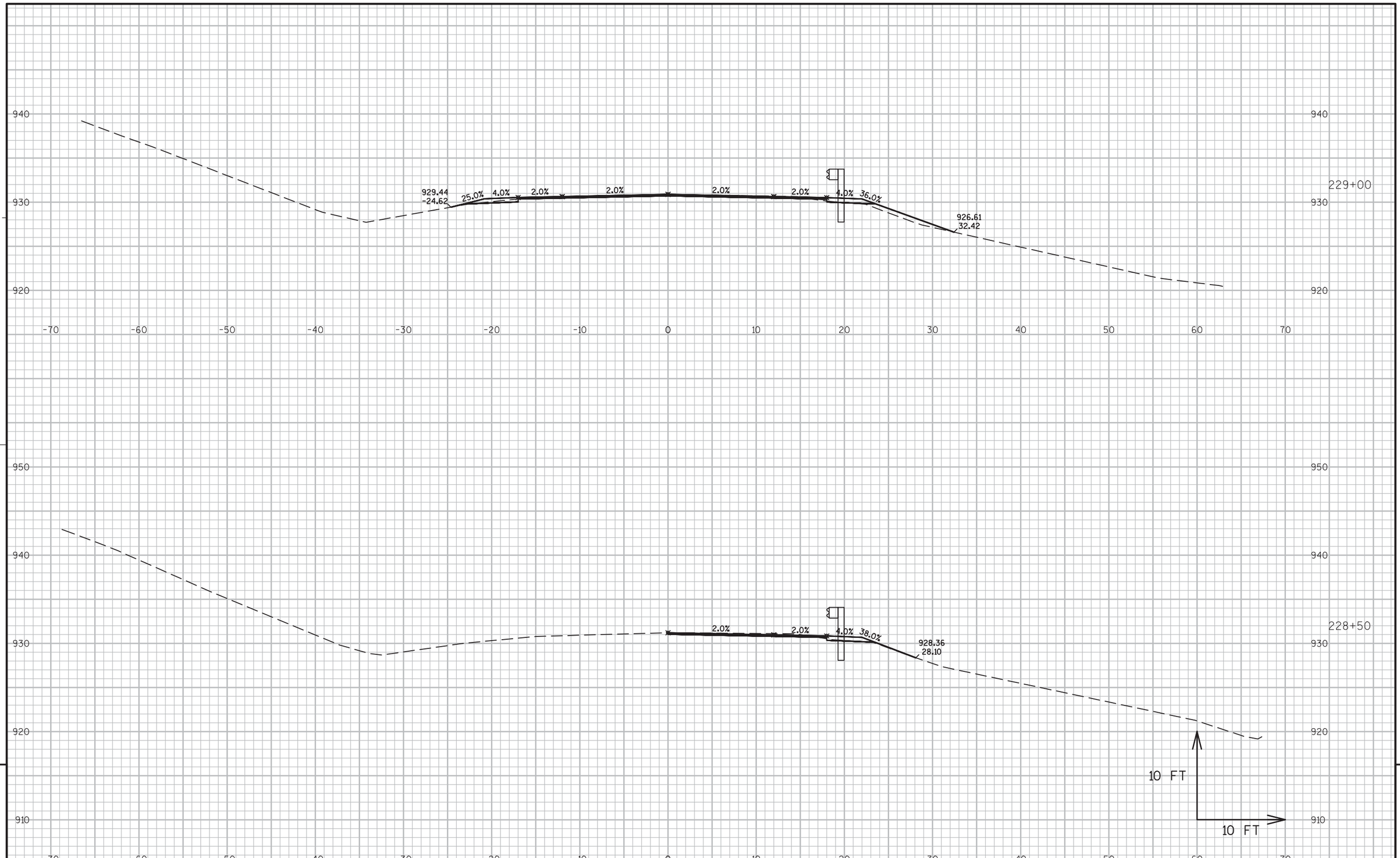
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 319	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

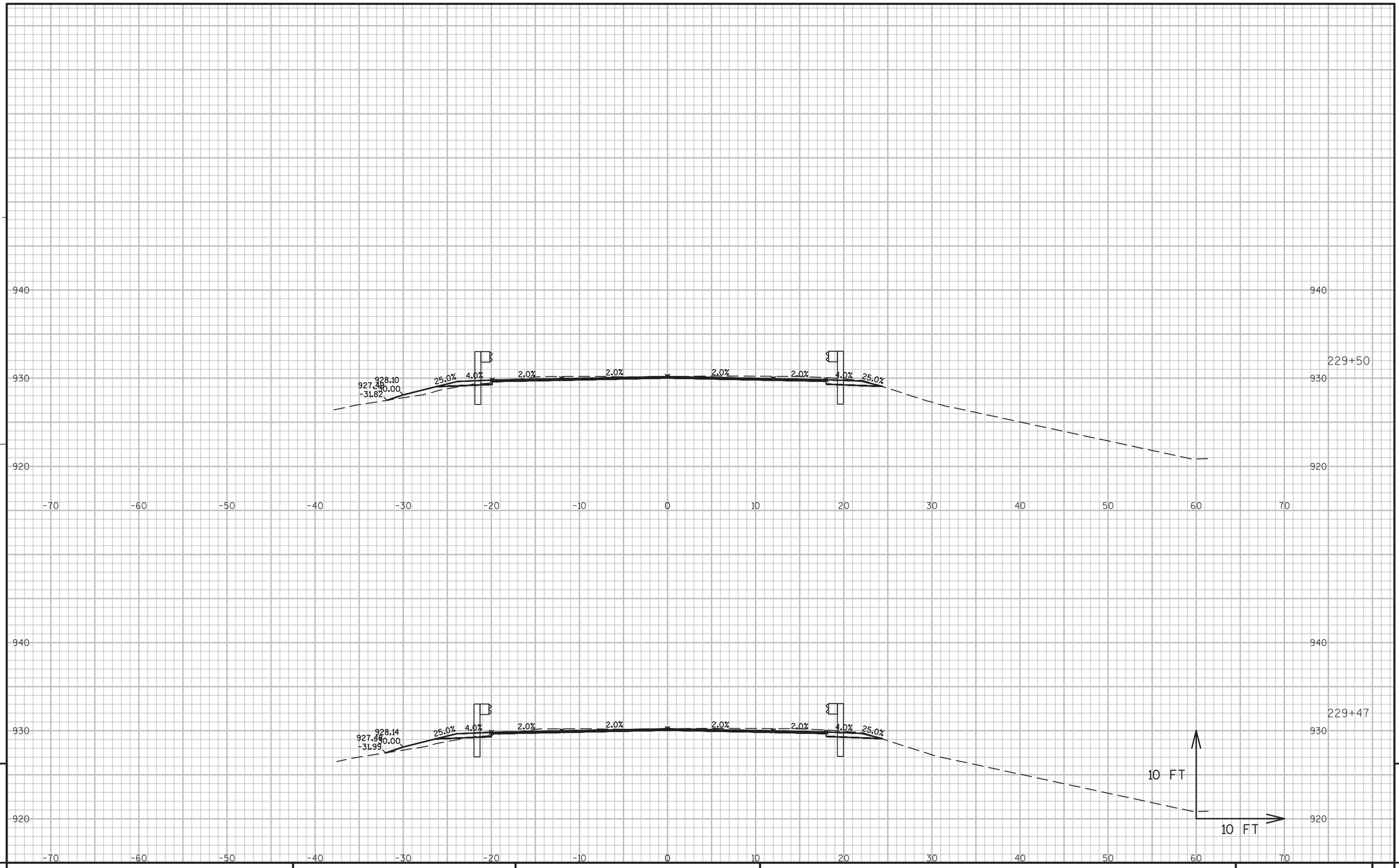
PLOT DATE : 3/2/2016 10:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 320	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



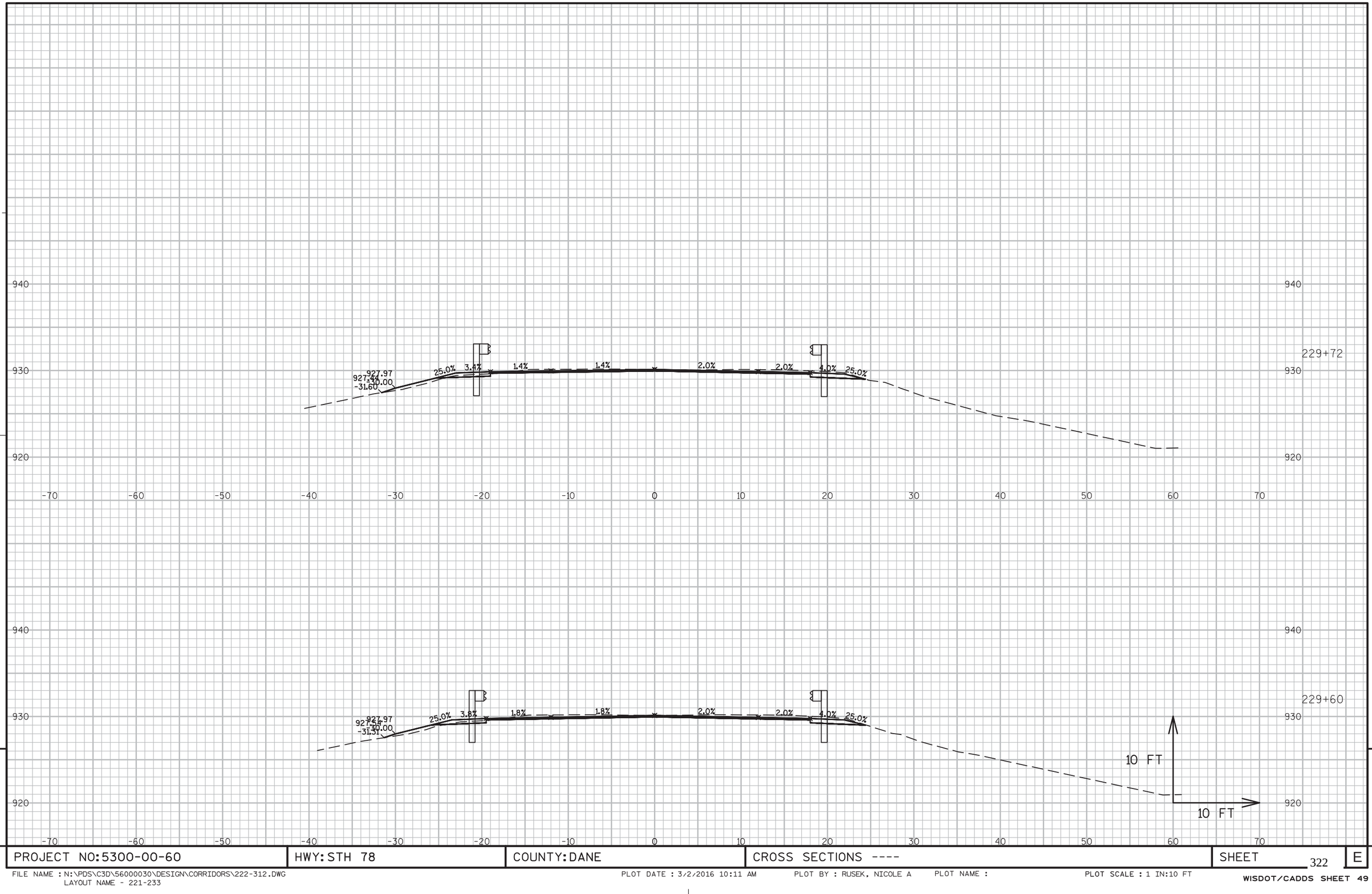
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 321	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

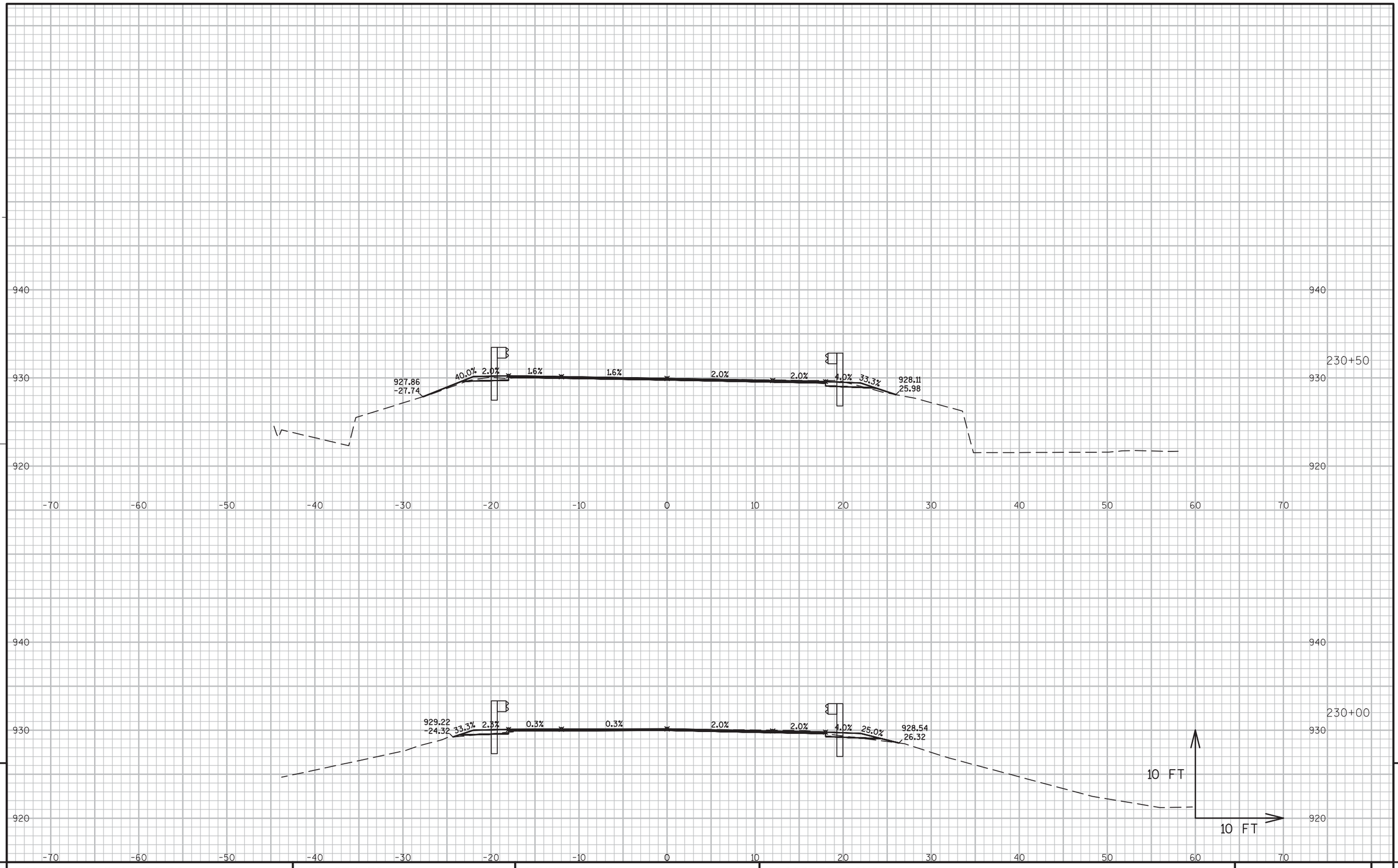
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 322	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



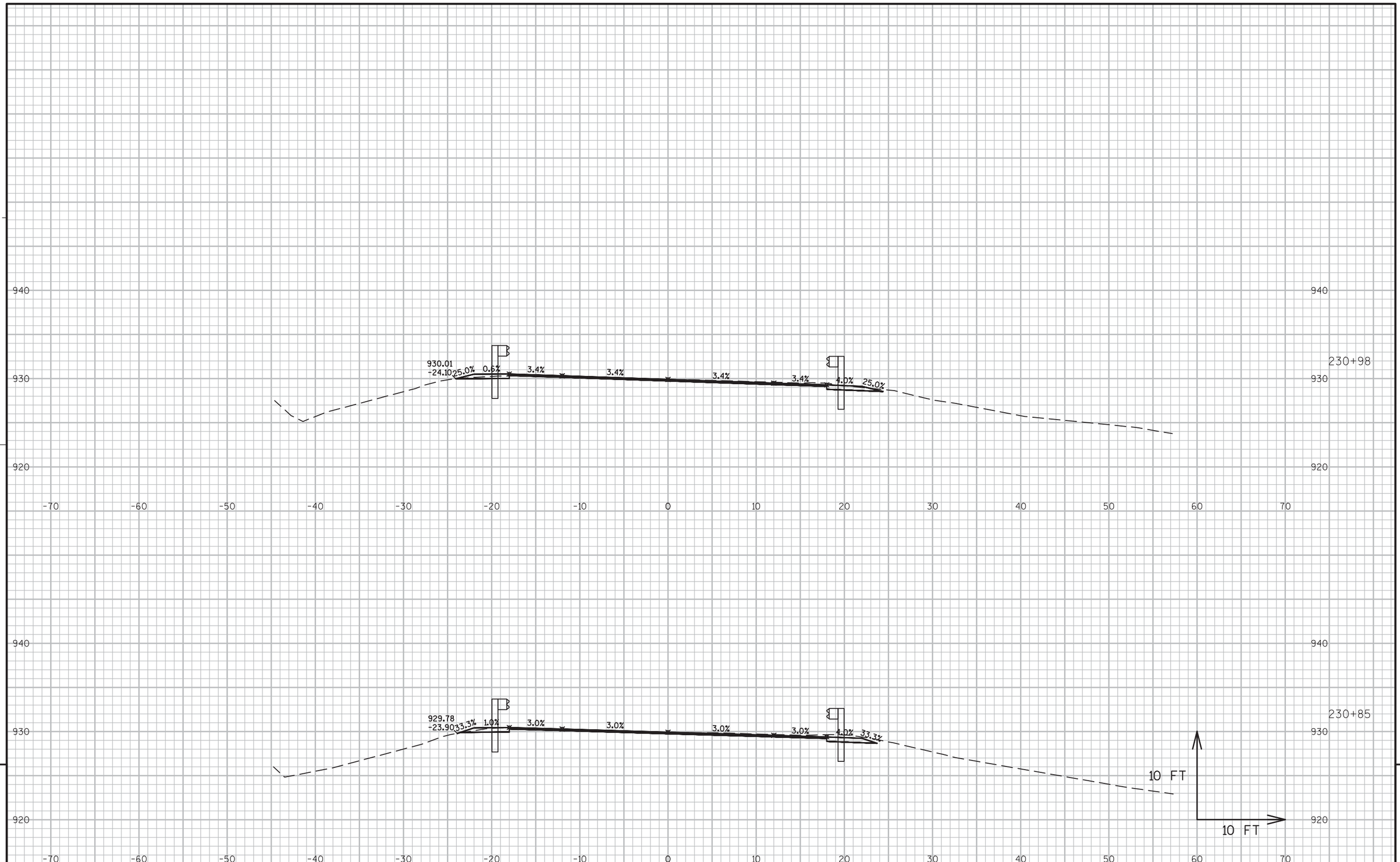
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 323	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

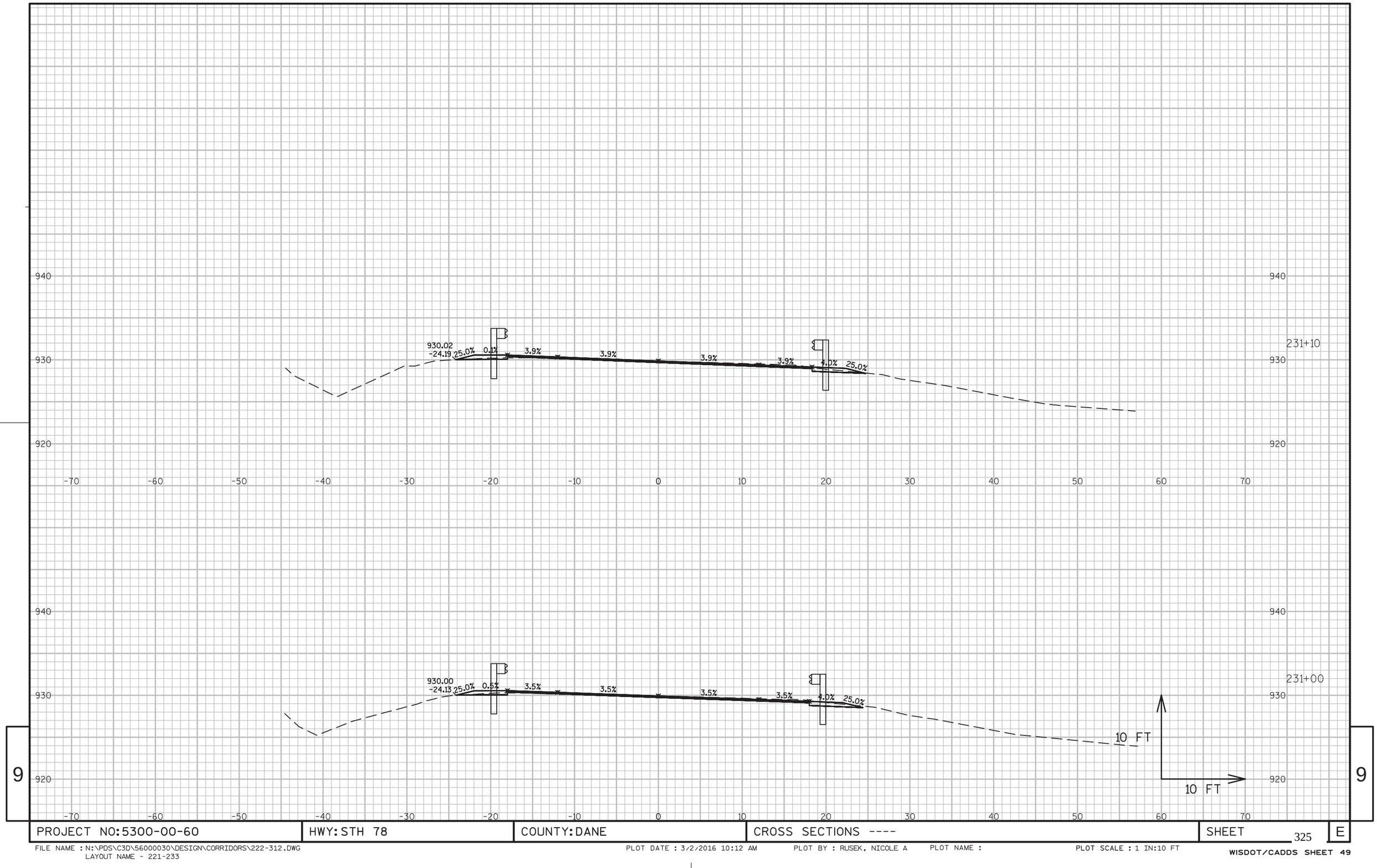
PLOT DATE : 3/2/2016 10:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 324	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

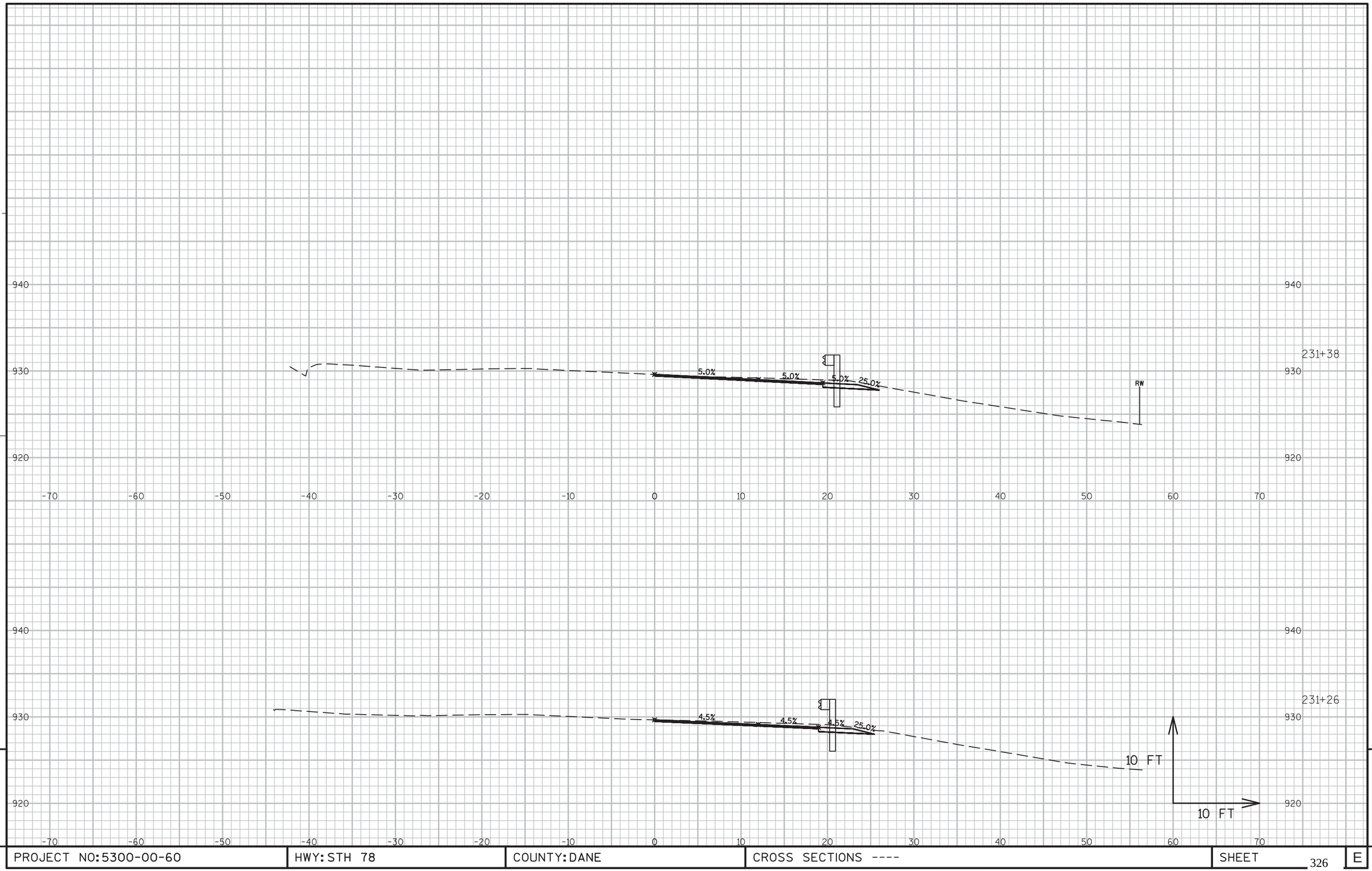


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 325	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



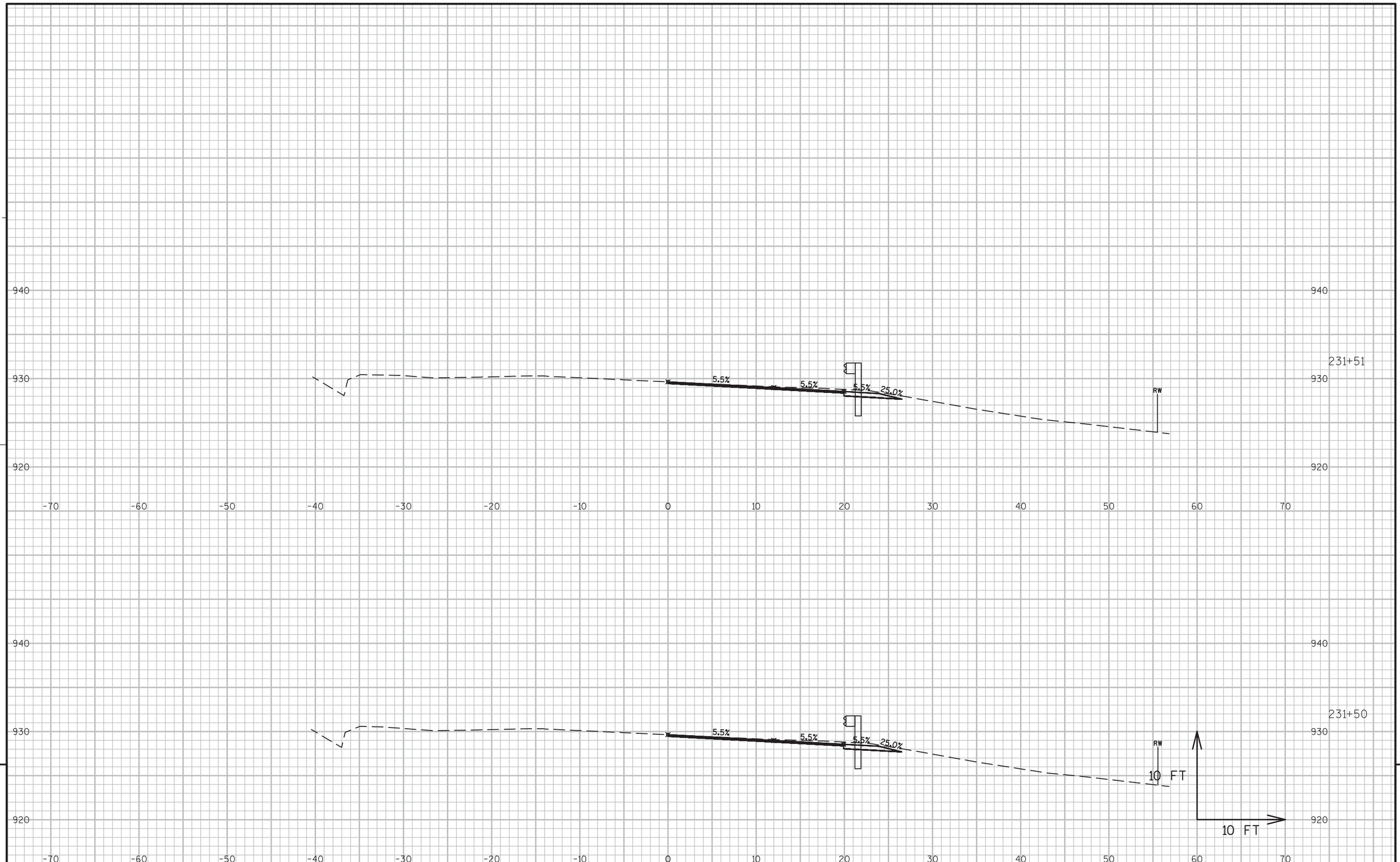
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 326	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

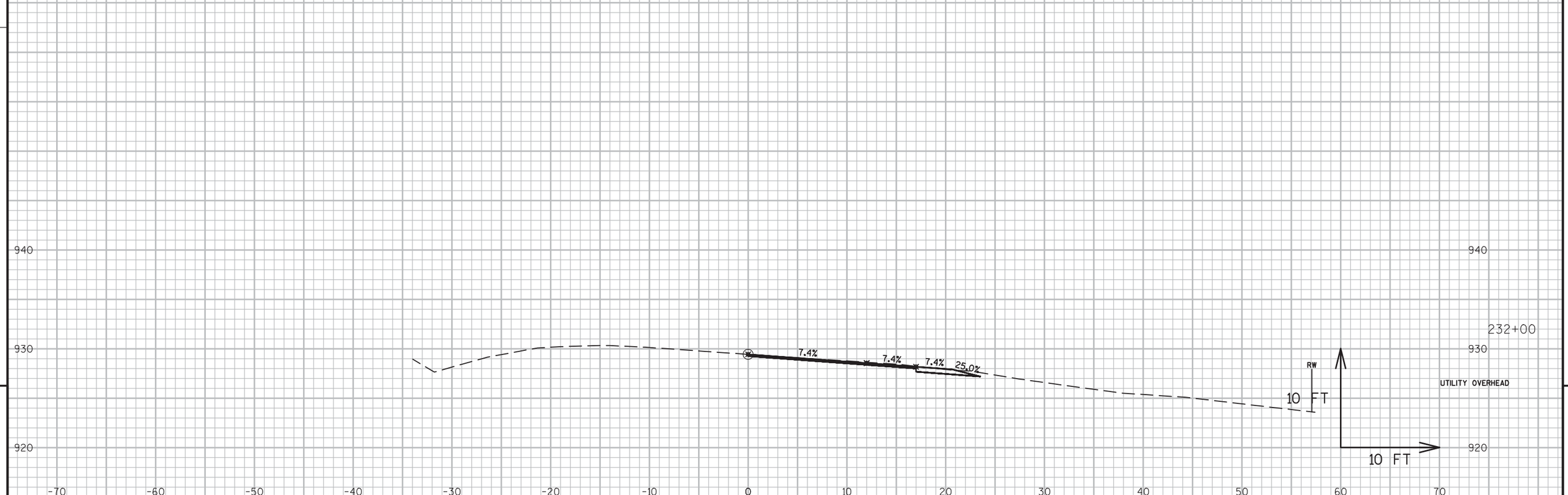
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 327	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

PLOT DATE : 3/2/2016 10:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



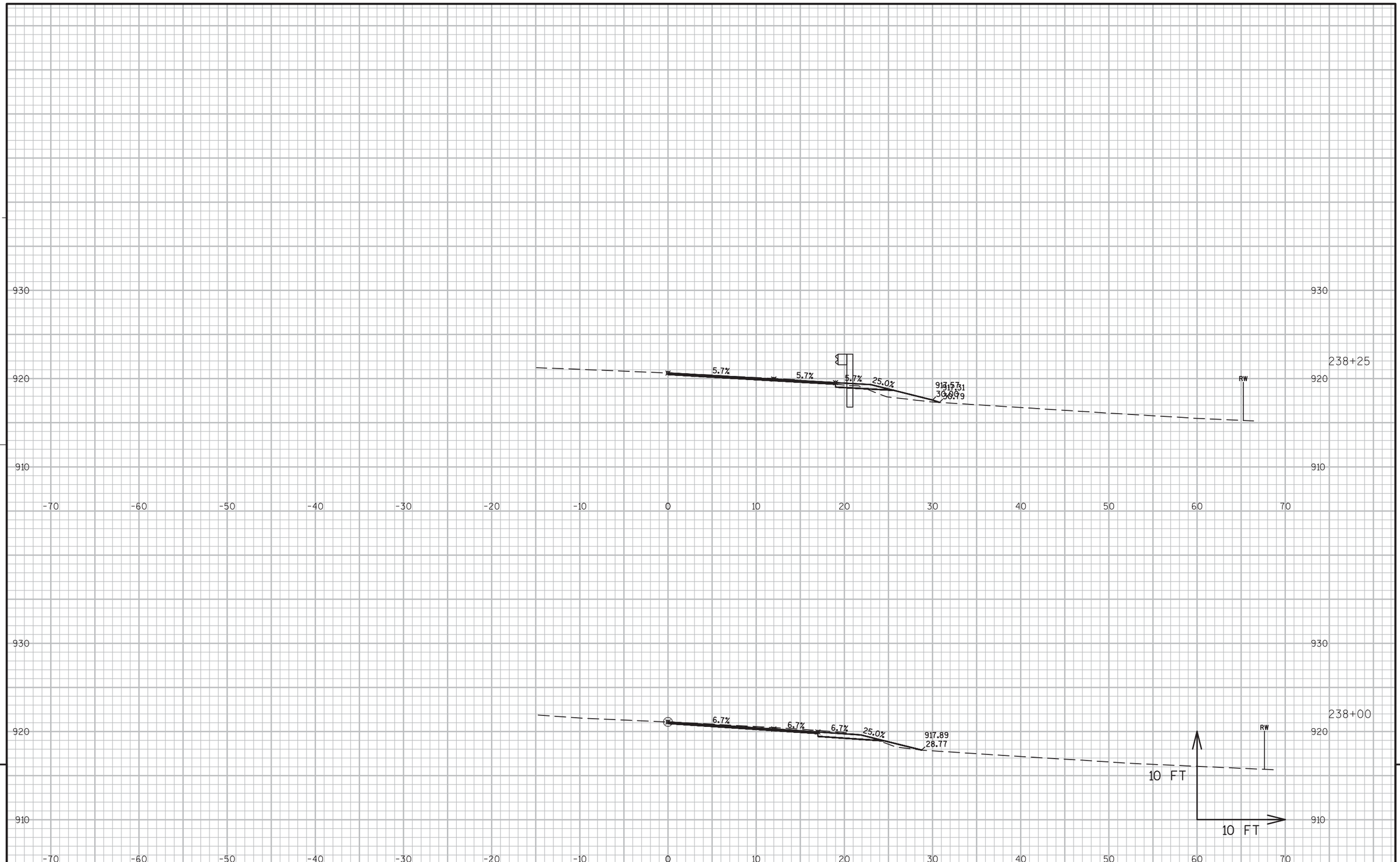
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 328	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 221-233

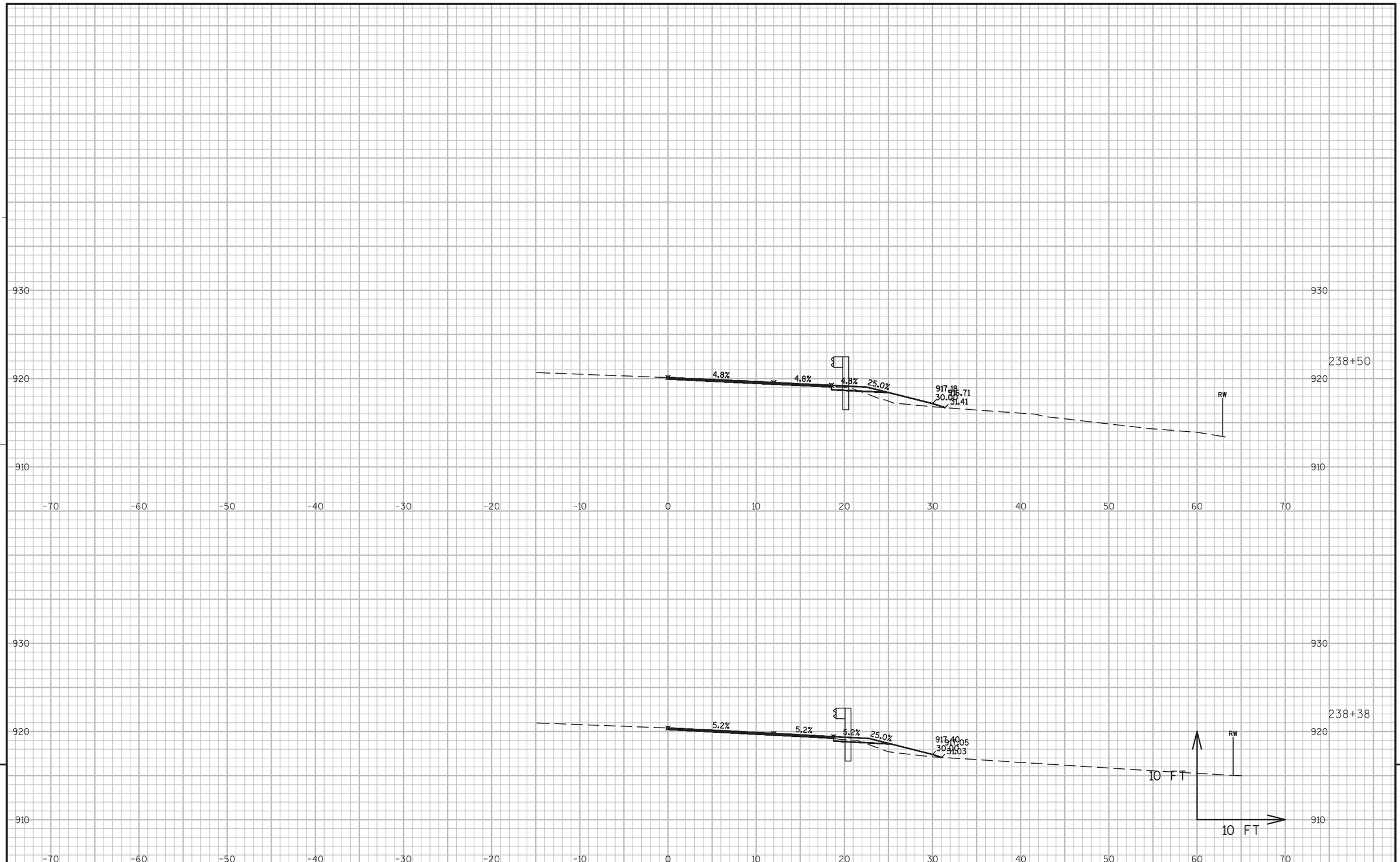
PLOT DATE : 3/2/2016 10:12 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 329	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

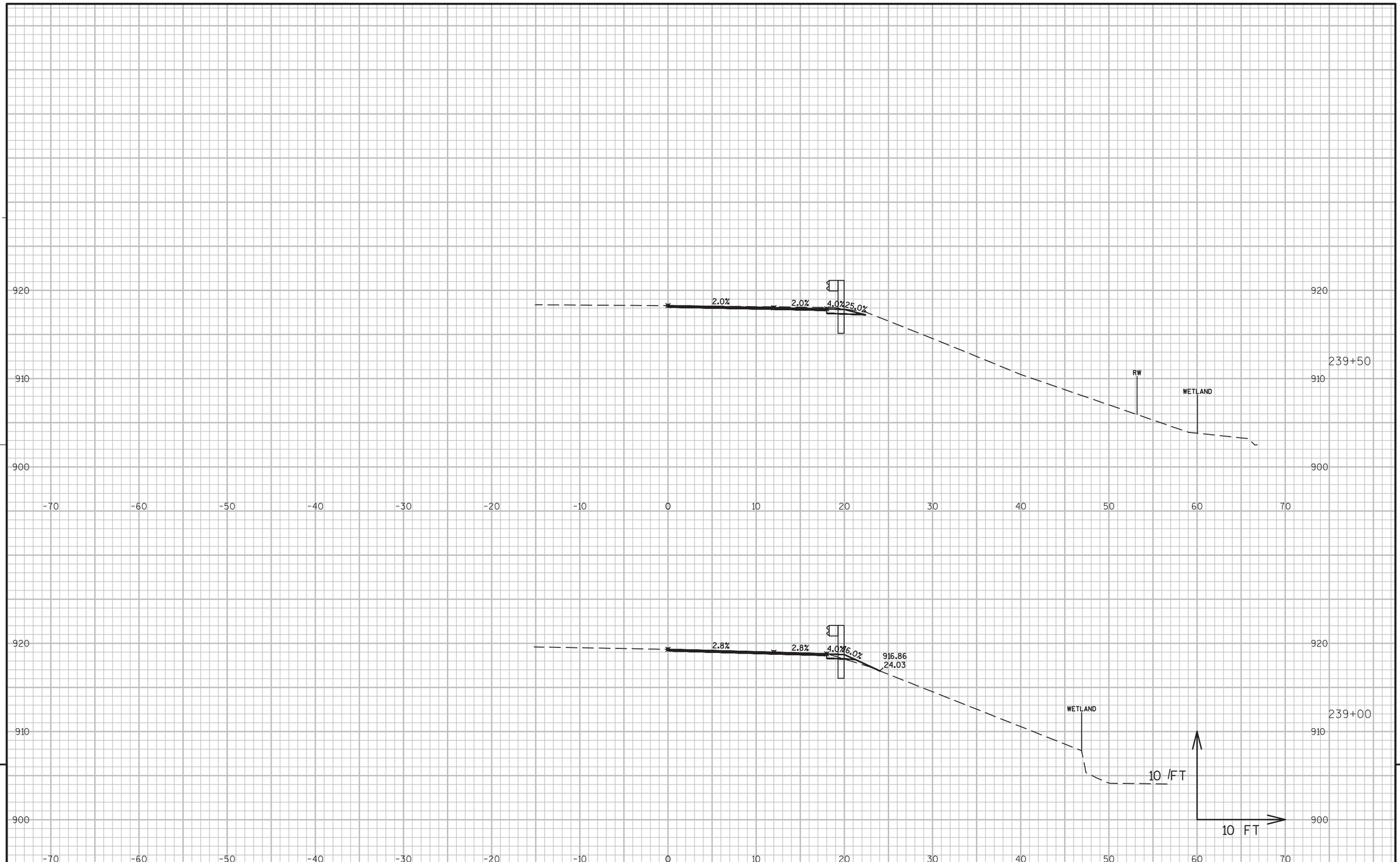
PLOT DATE : 3/2/2016 10:13 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 330	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:13 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



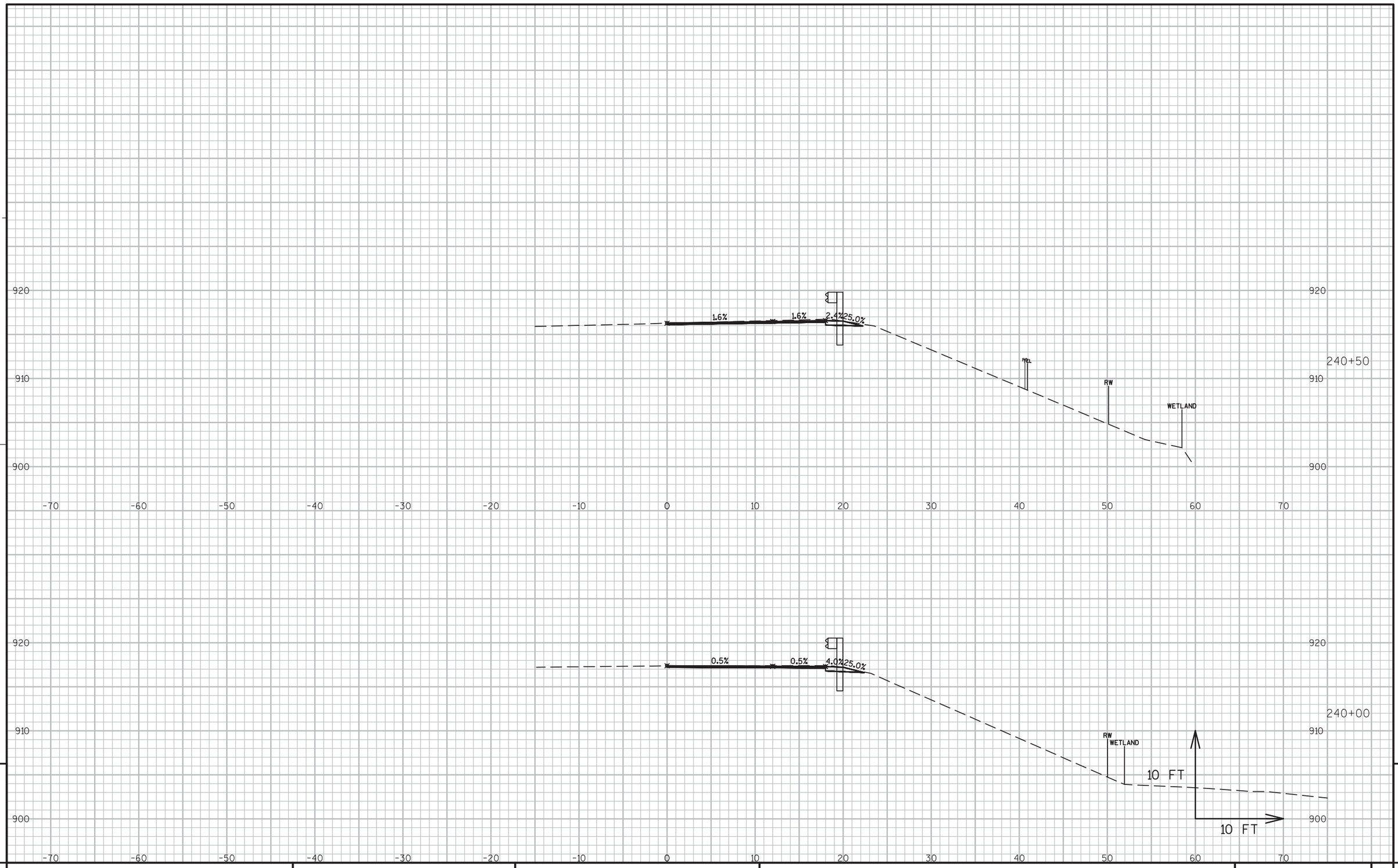
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 331	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

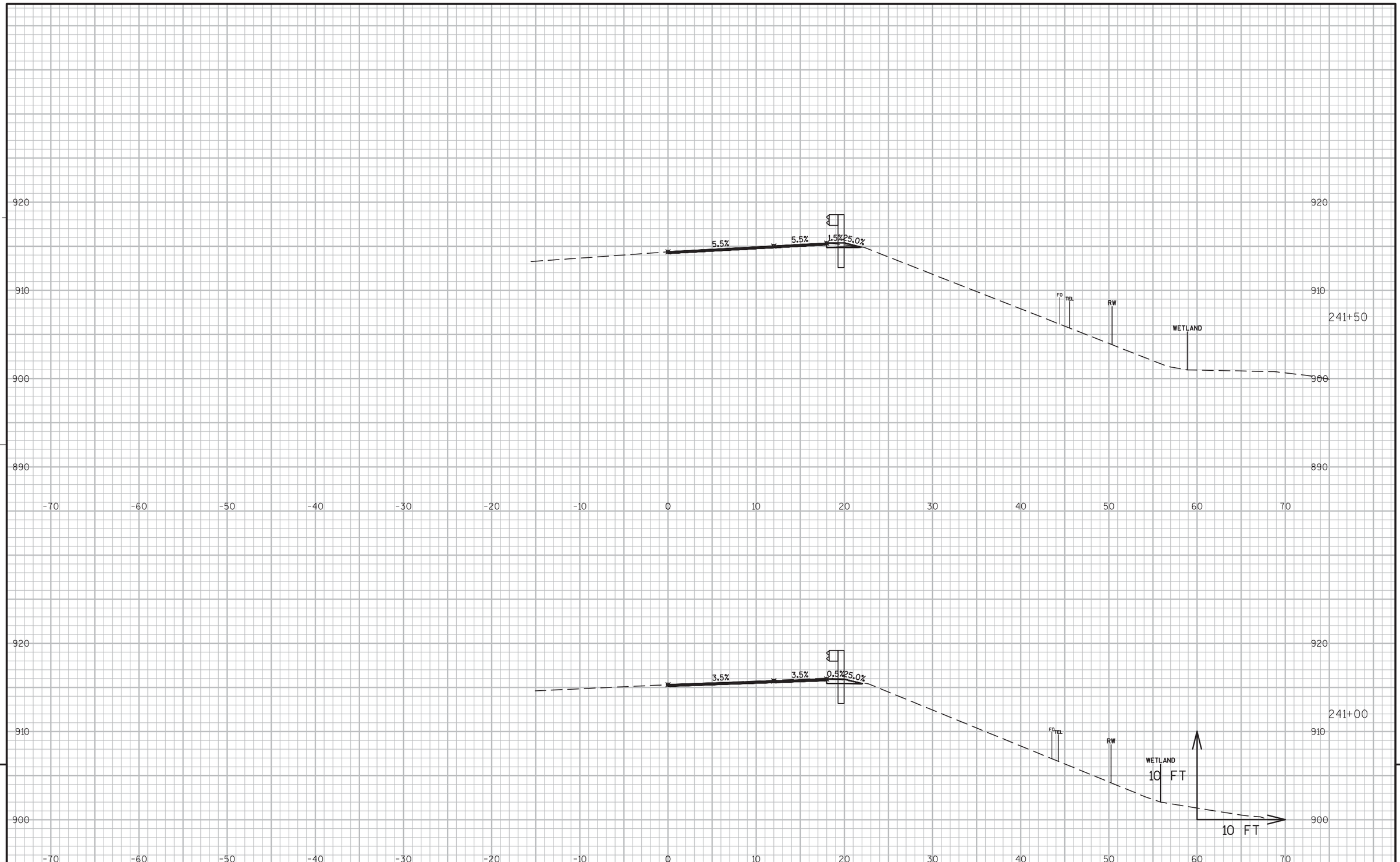
PLOT DATE : 3/2/2016 10:13 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 332	E

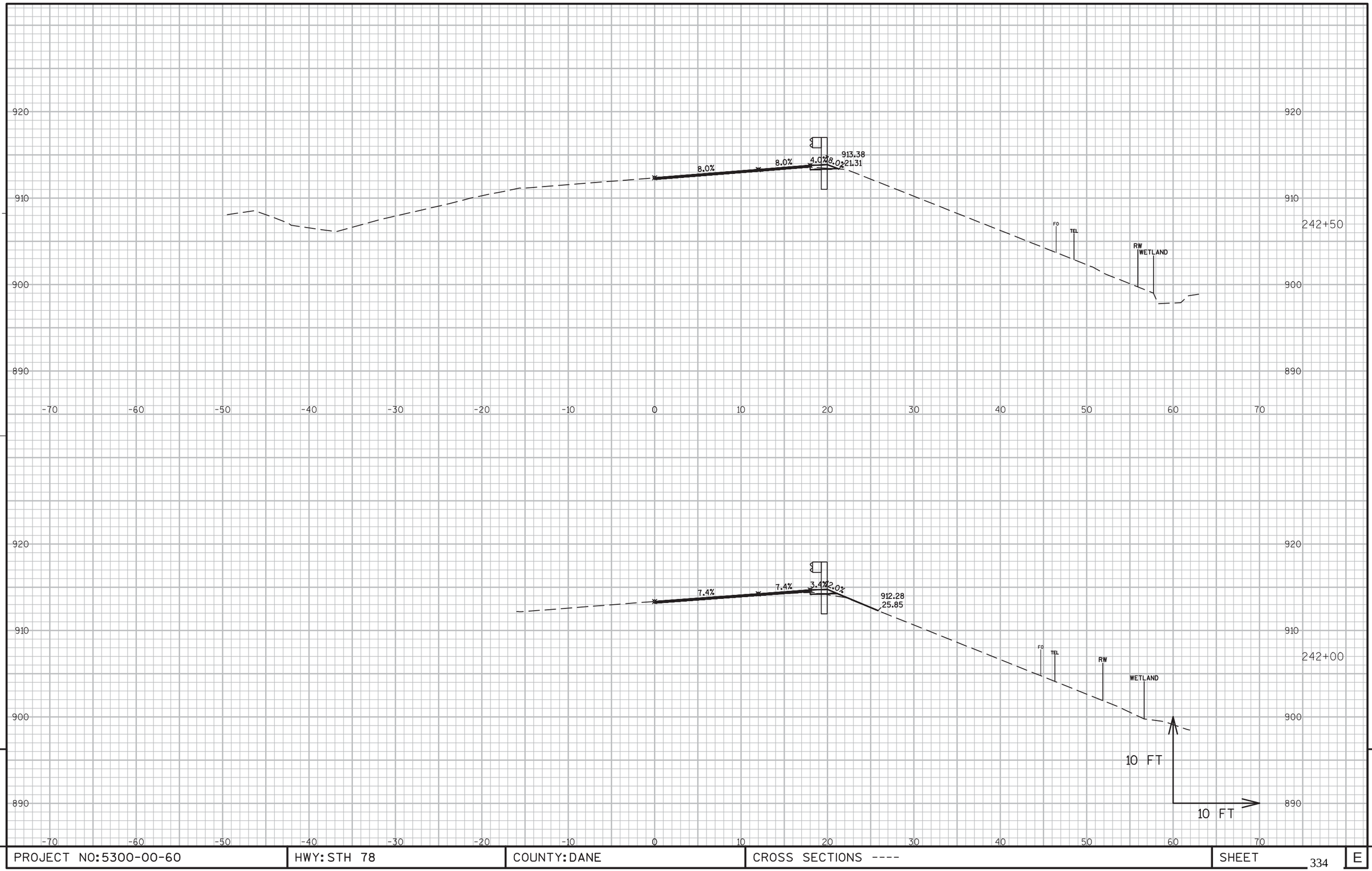


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 333	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:13 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

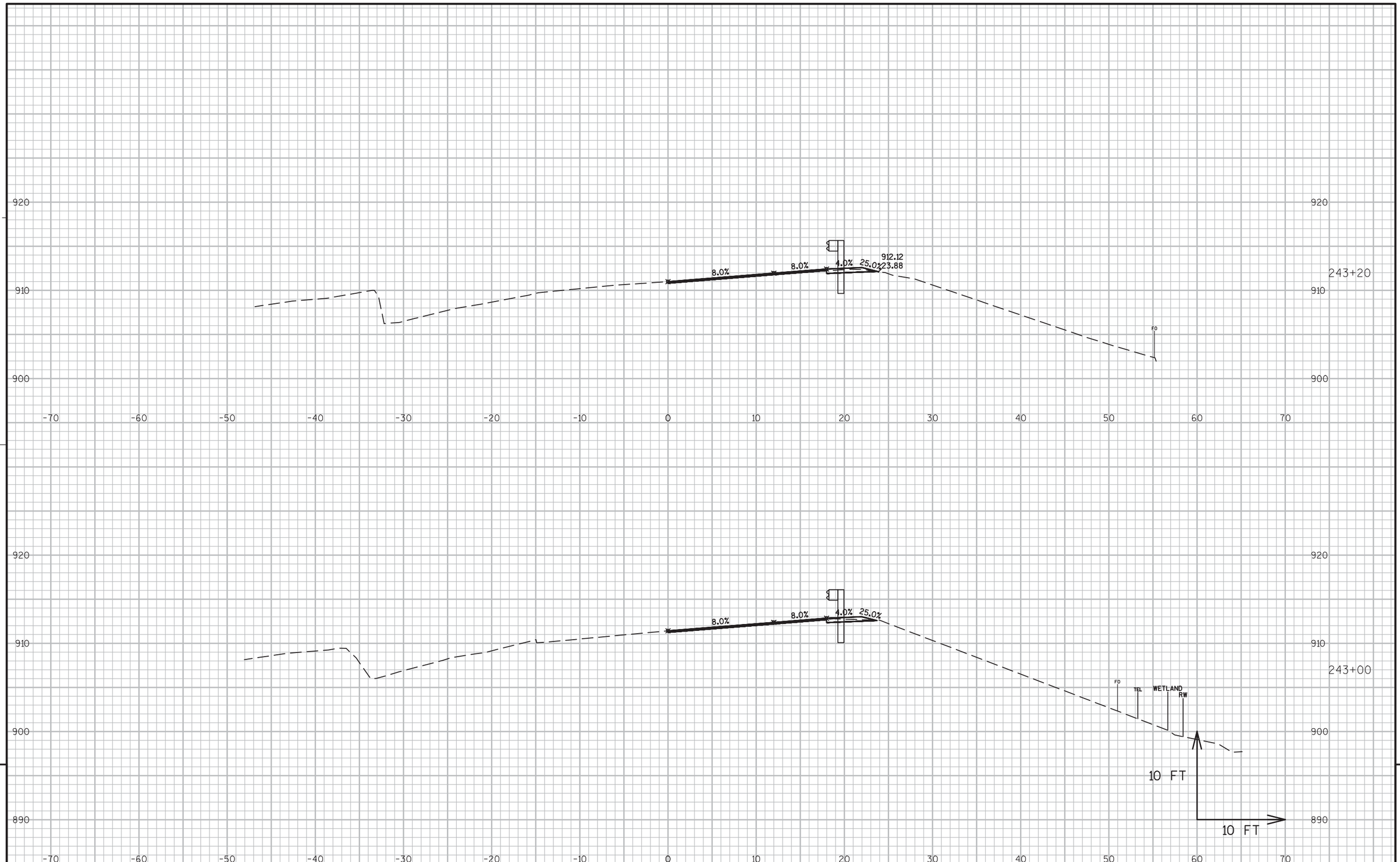
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 334	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:14 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



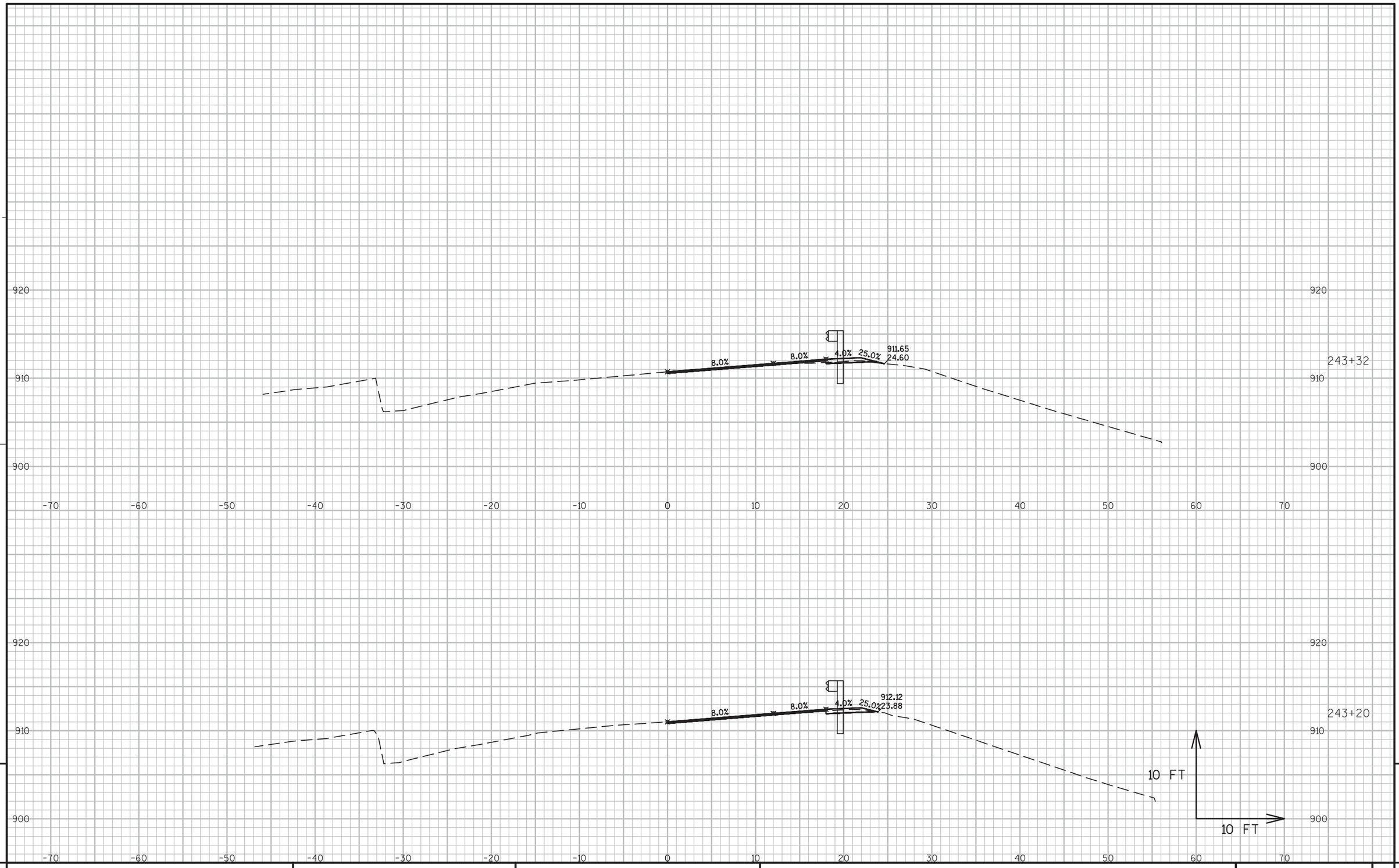
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 335	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:14 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



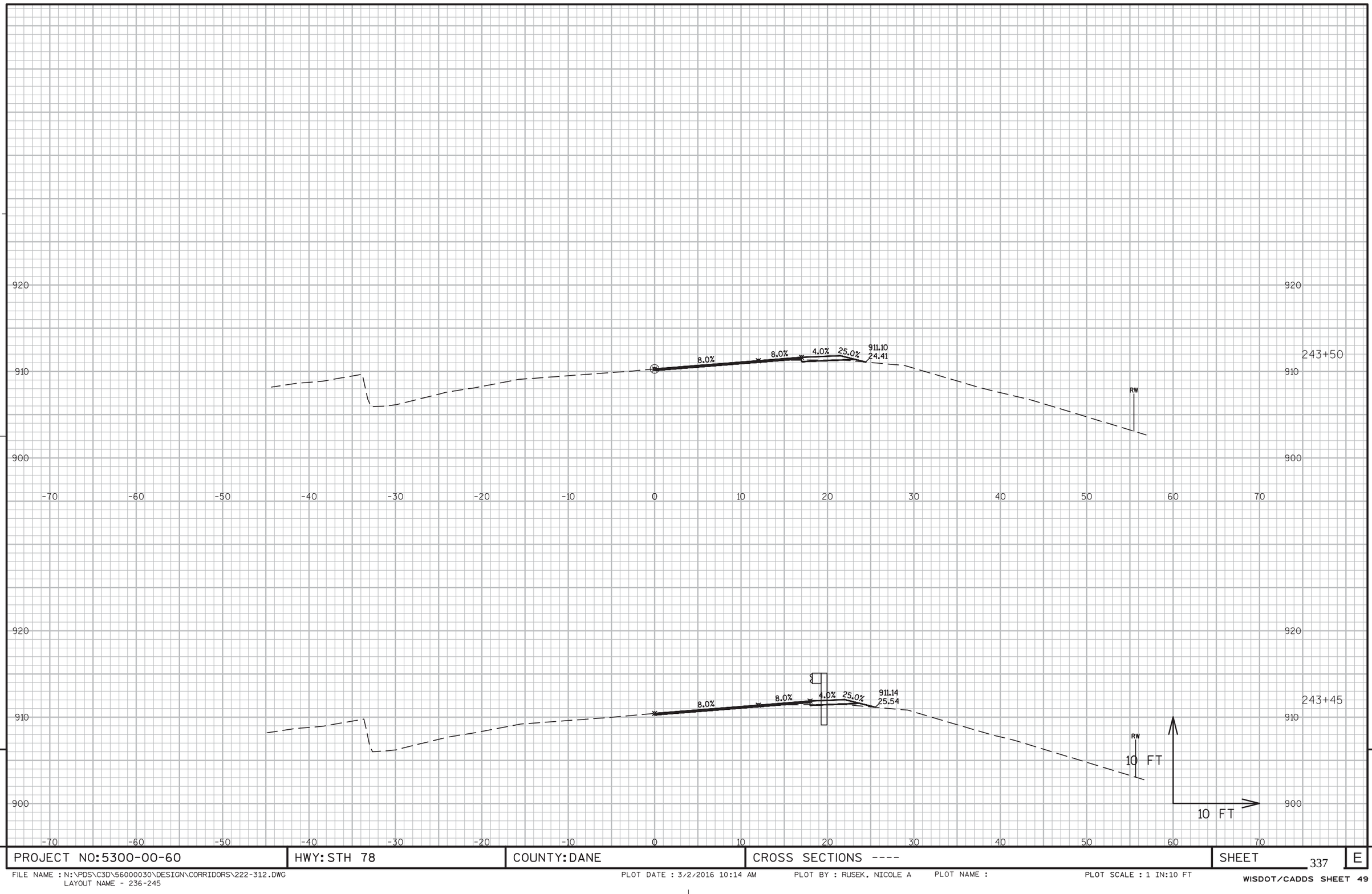
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 336	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:14 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

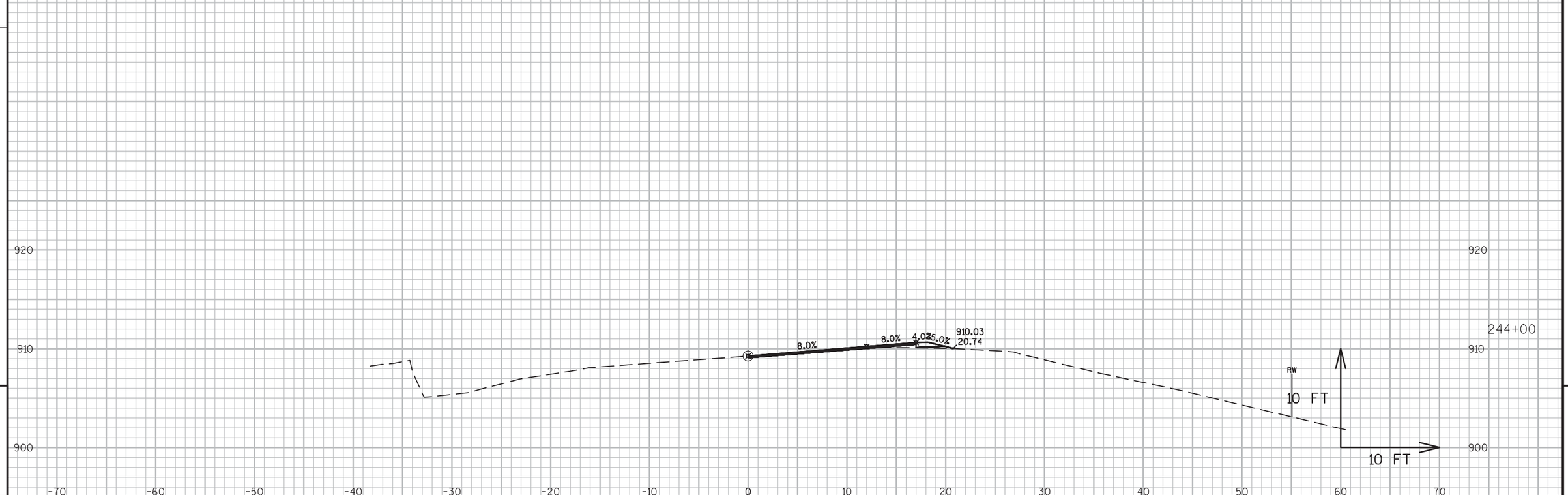
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 337	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:14 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

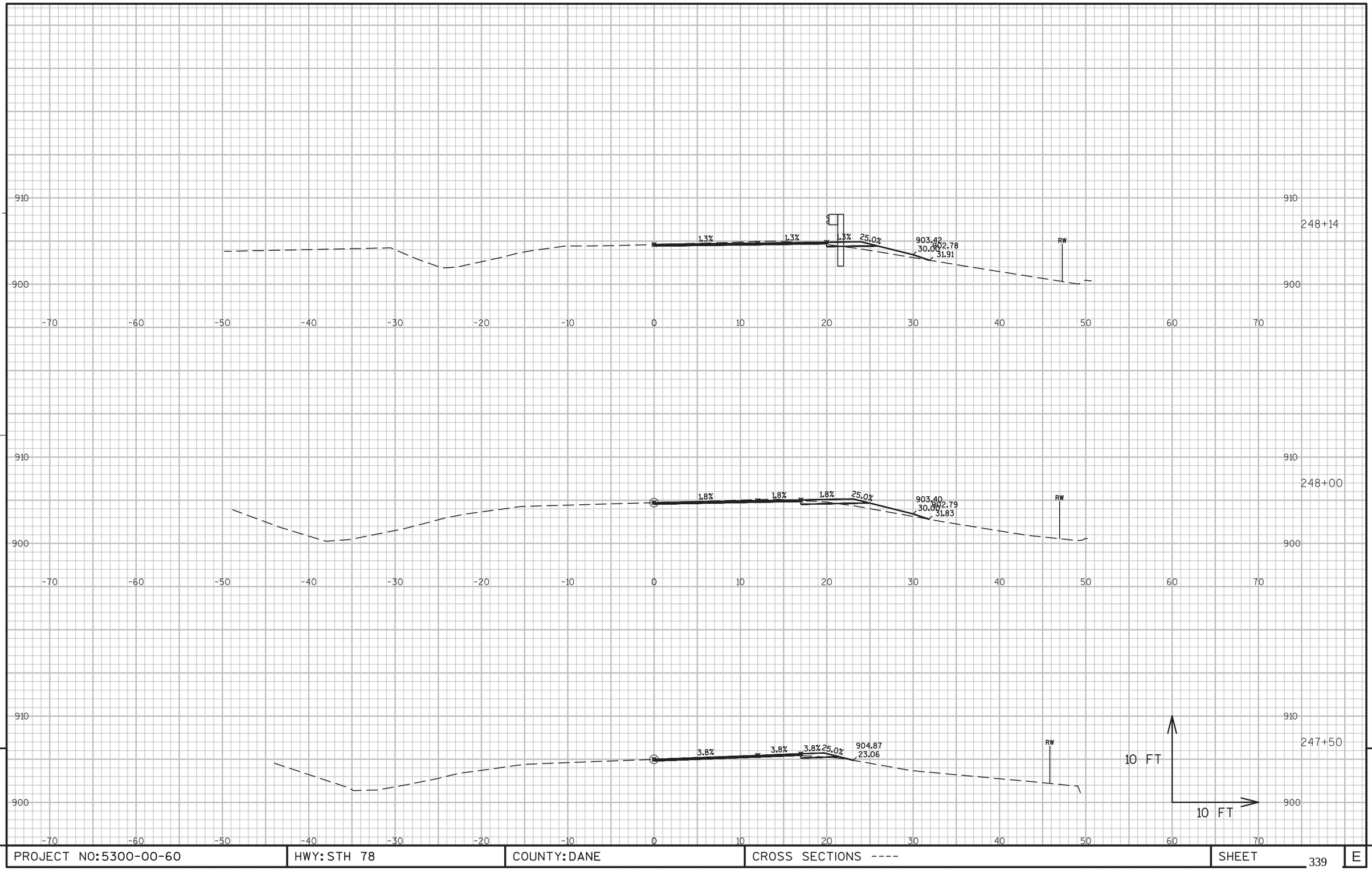
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 338	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 236-245

PLOT DATE : 3/2/2016 10:14 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

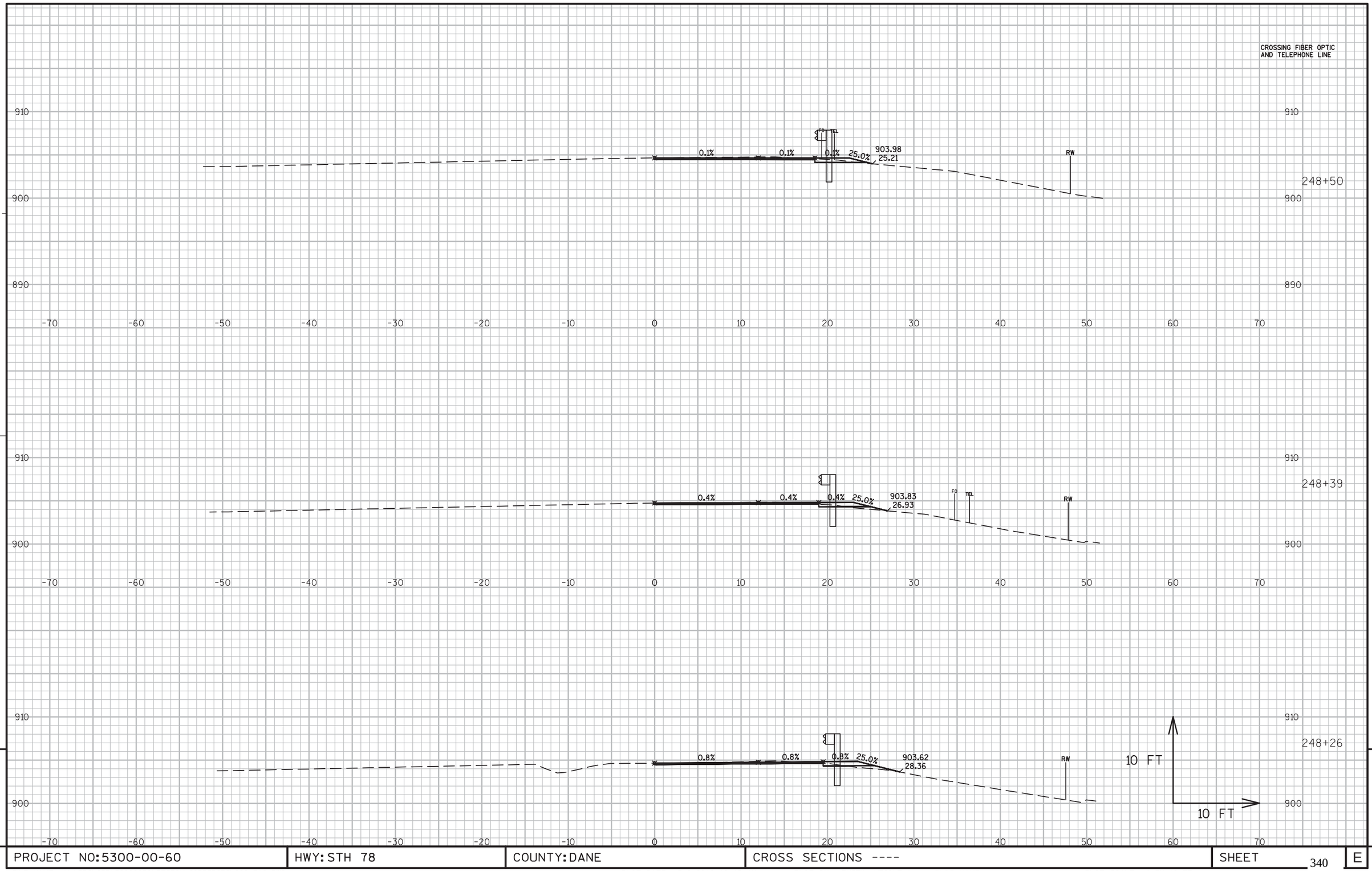
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 339	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:14 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

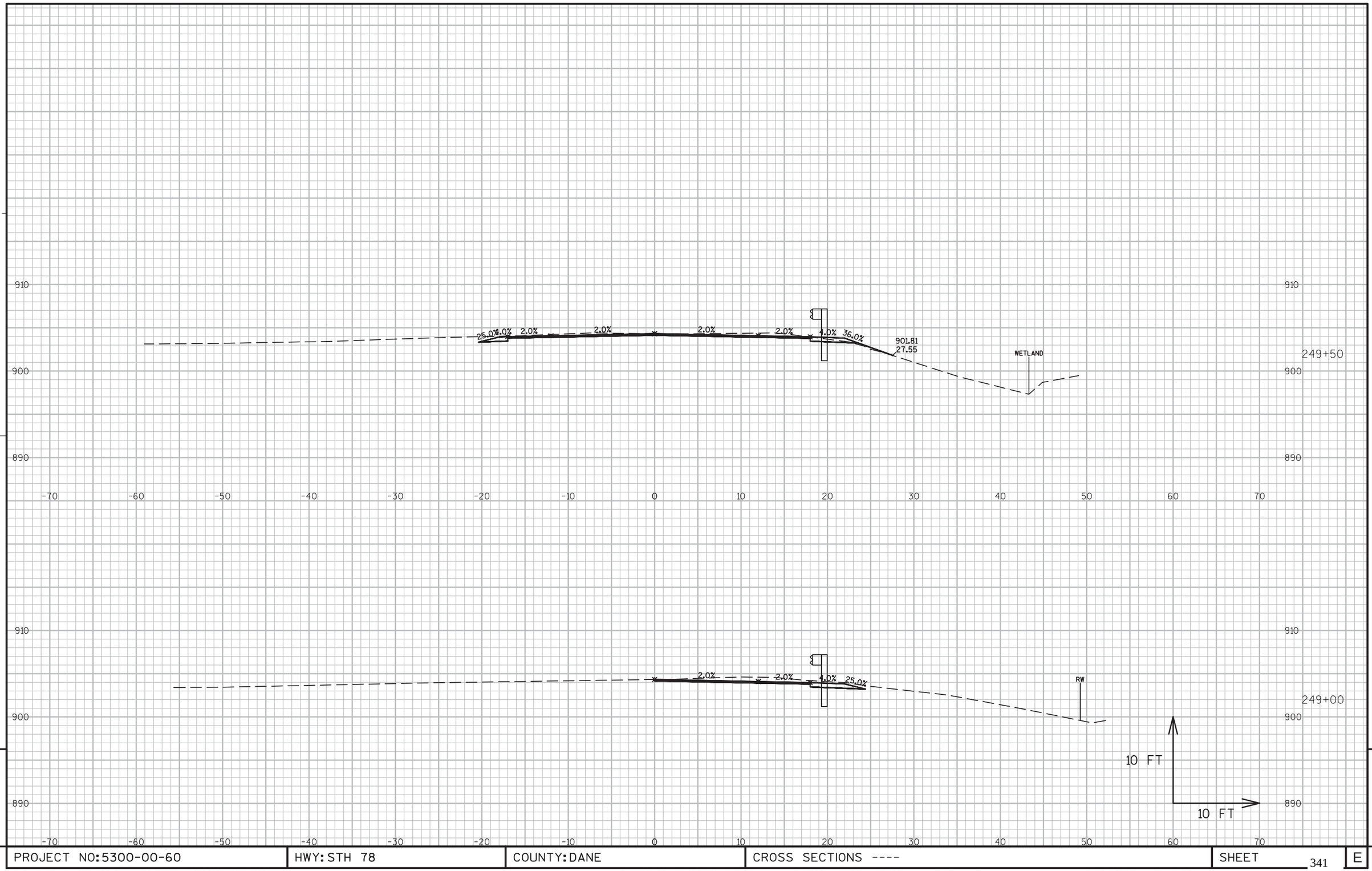
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 340	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

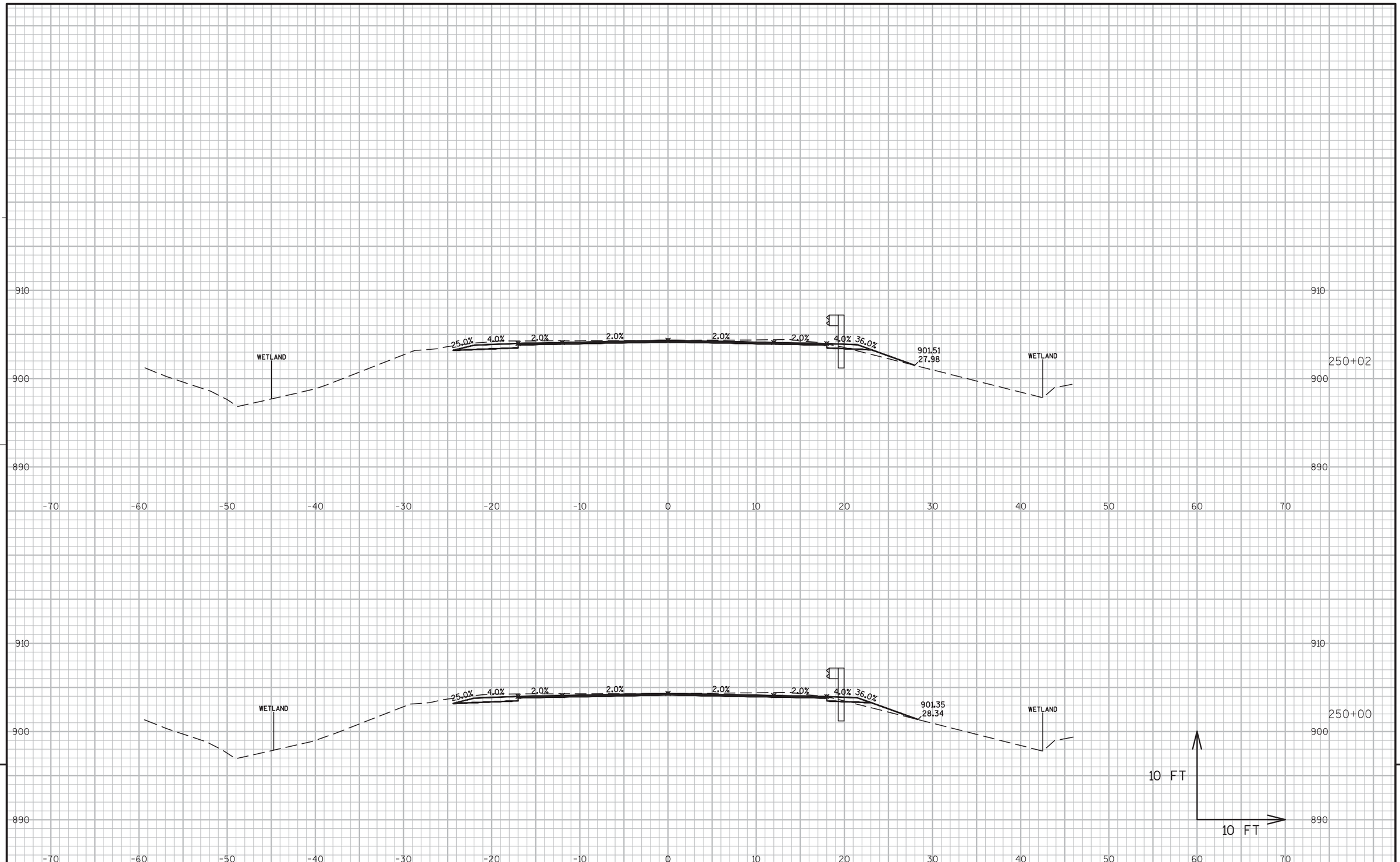
PLOT DATE : 3/2/2016 10:15 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 341	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:15 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

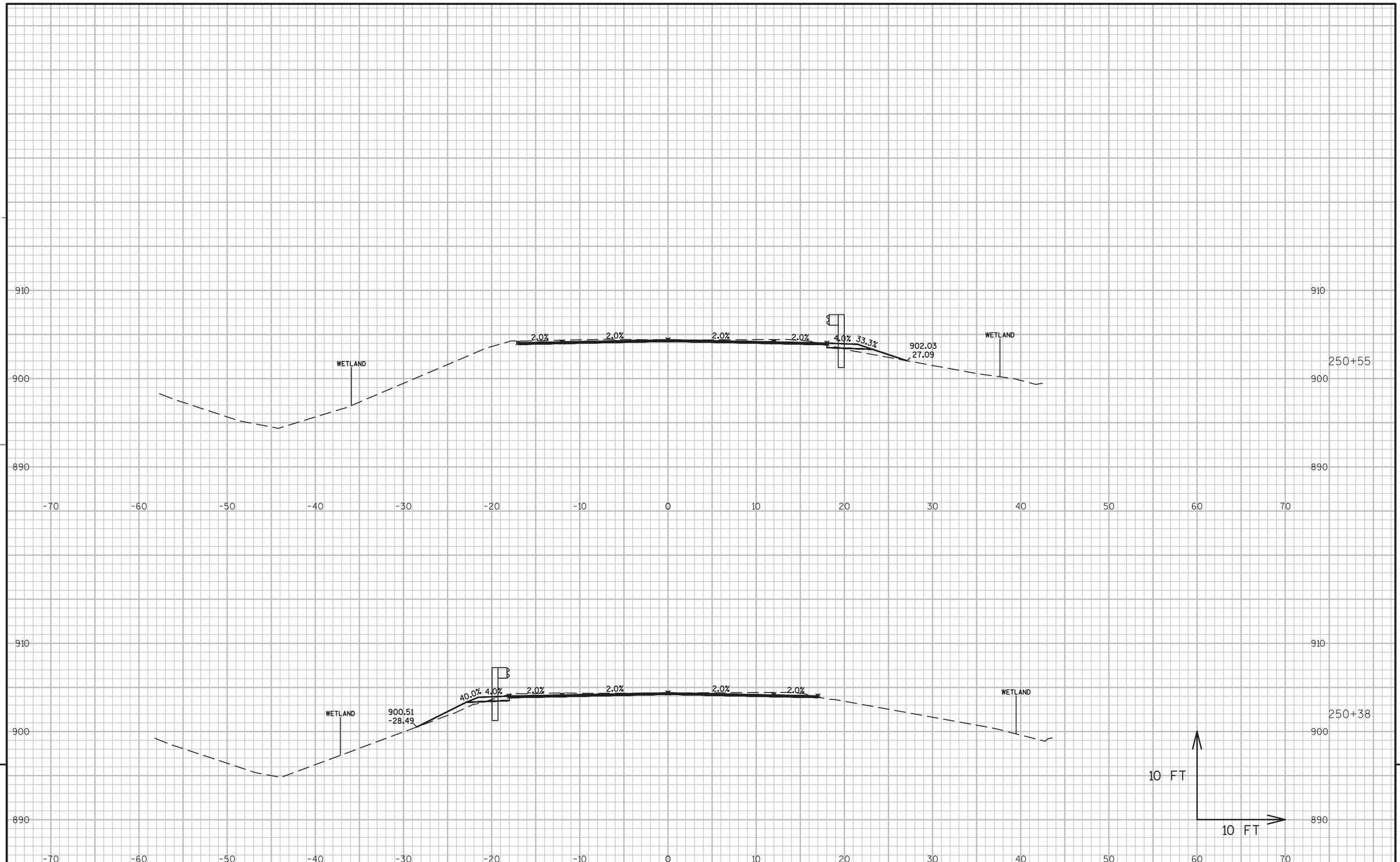


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 342	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:15 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

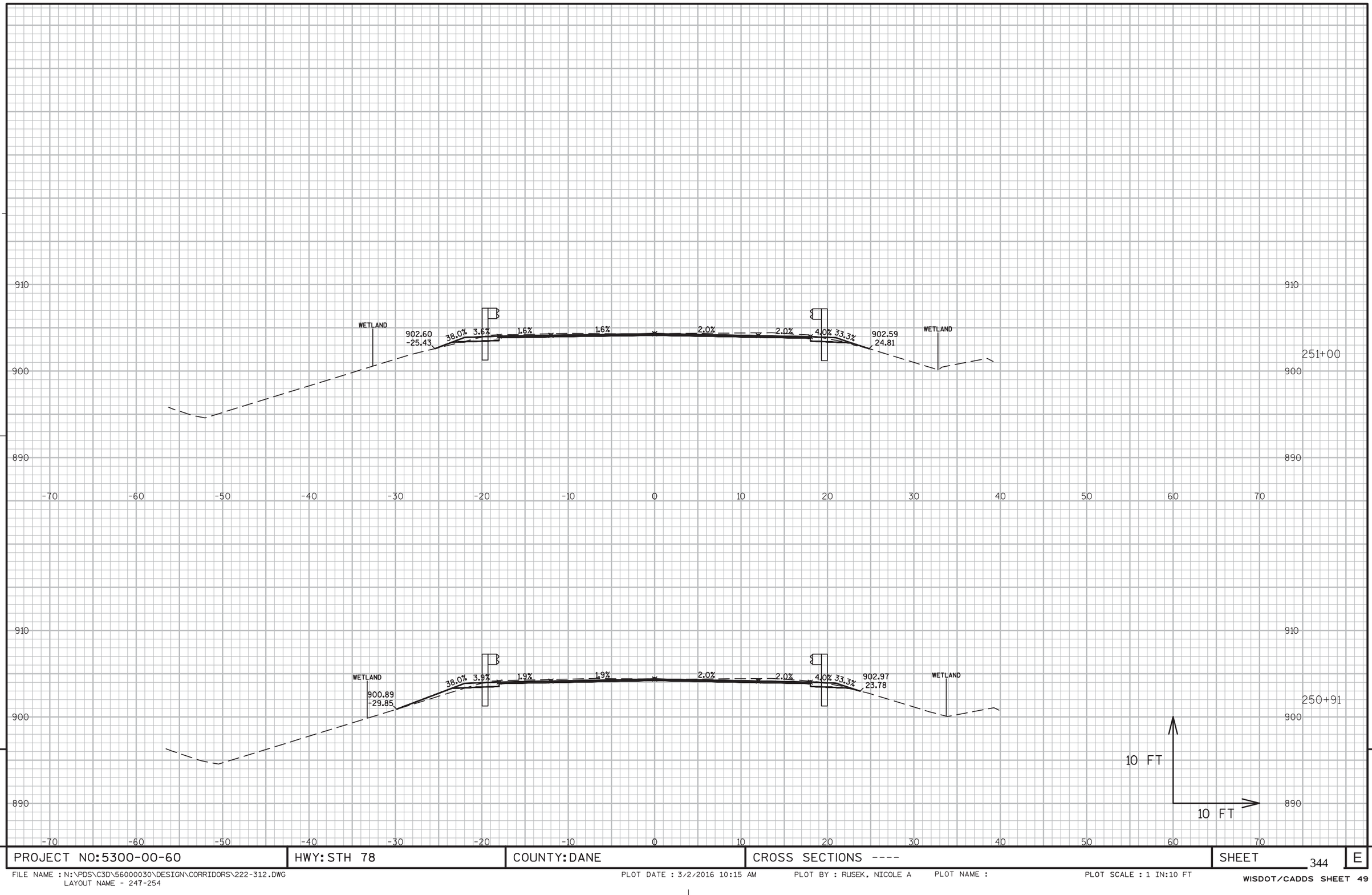


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 343	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/16/2016 7:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

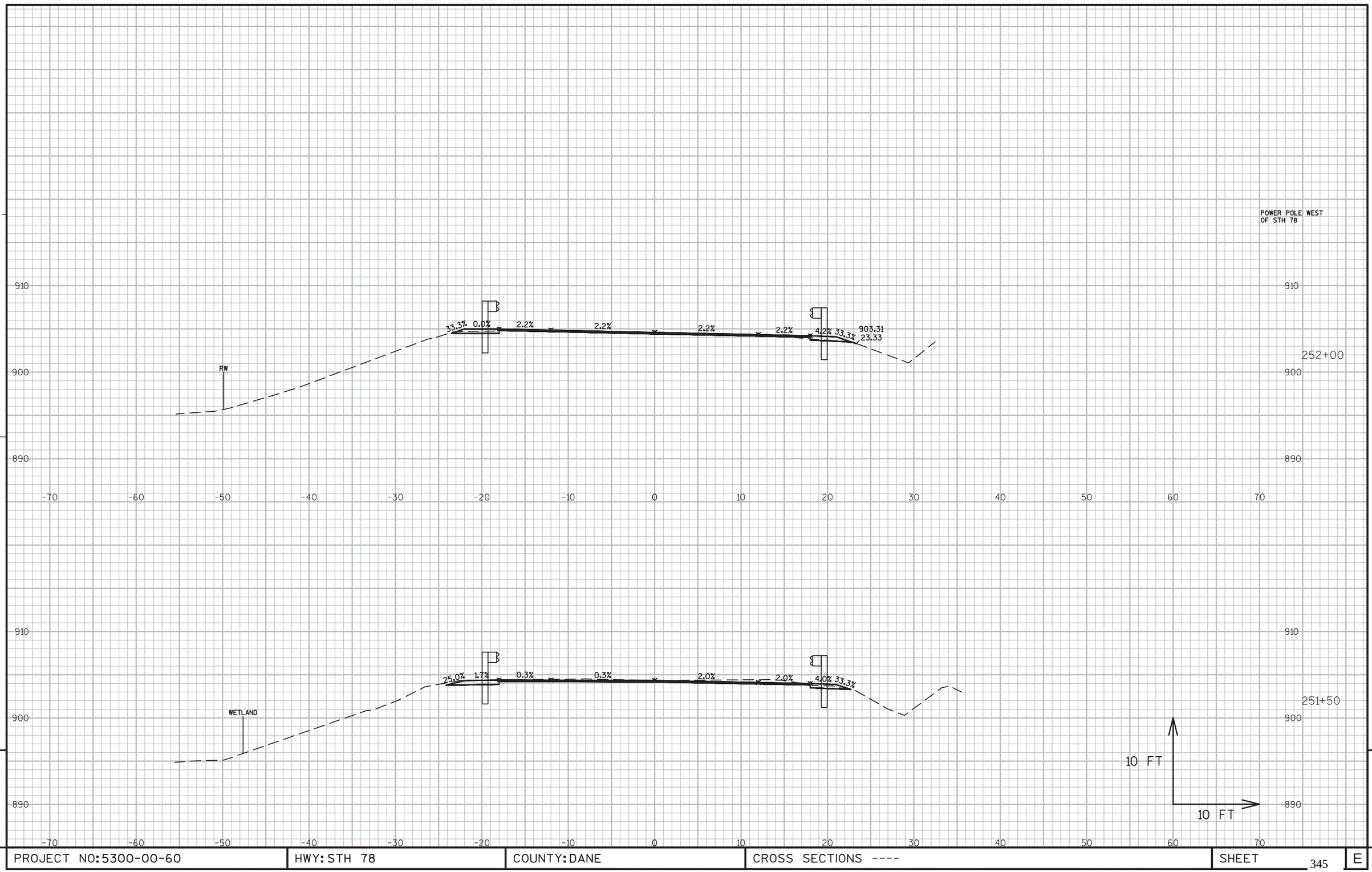


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 344	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:15 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



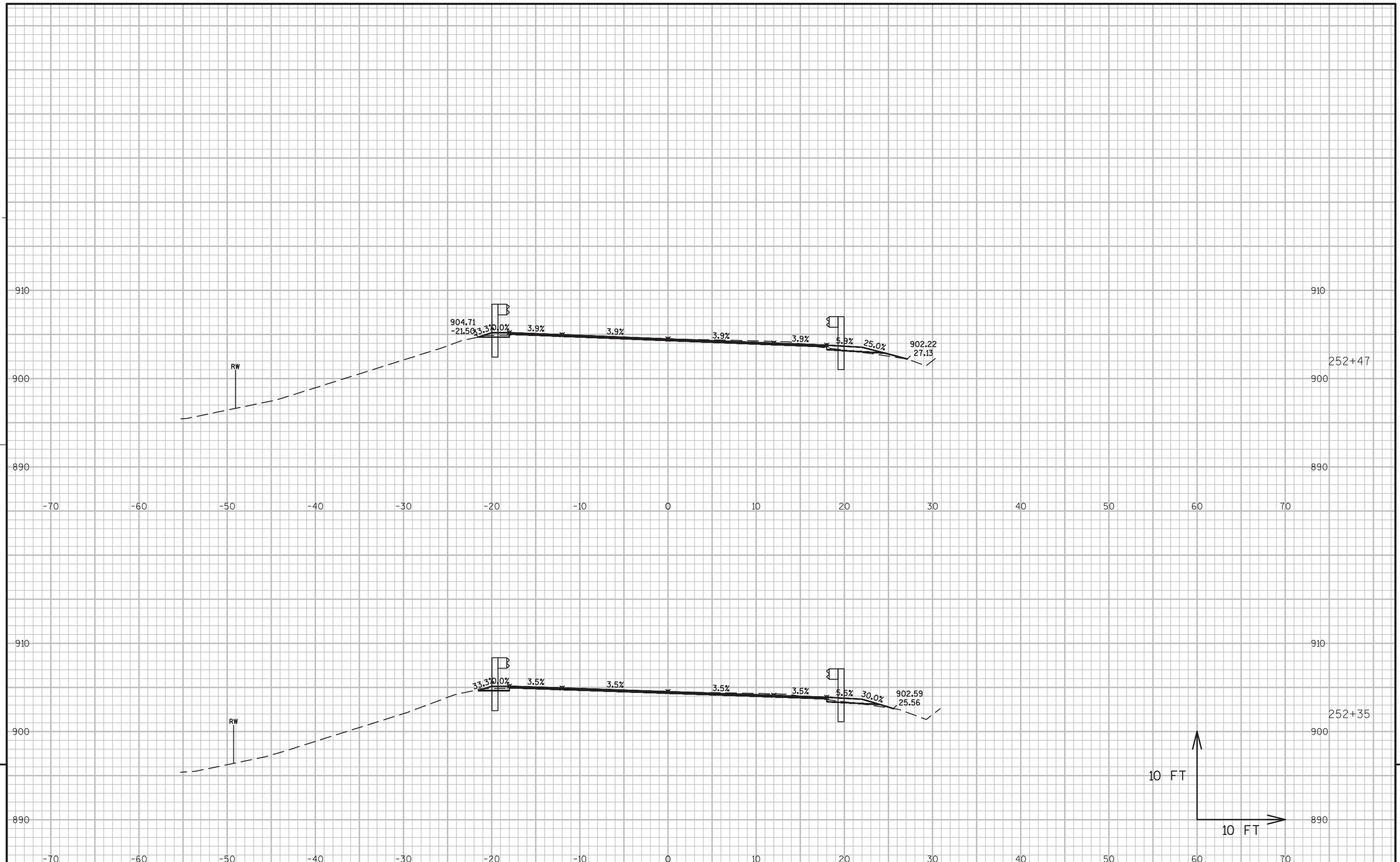
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 345	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:16 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



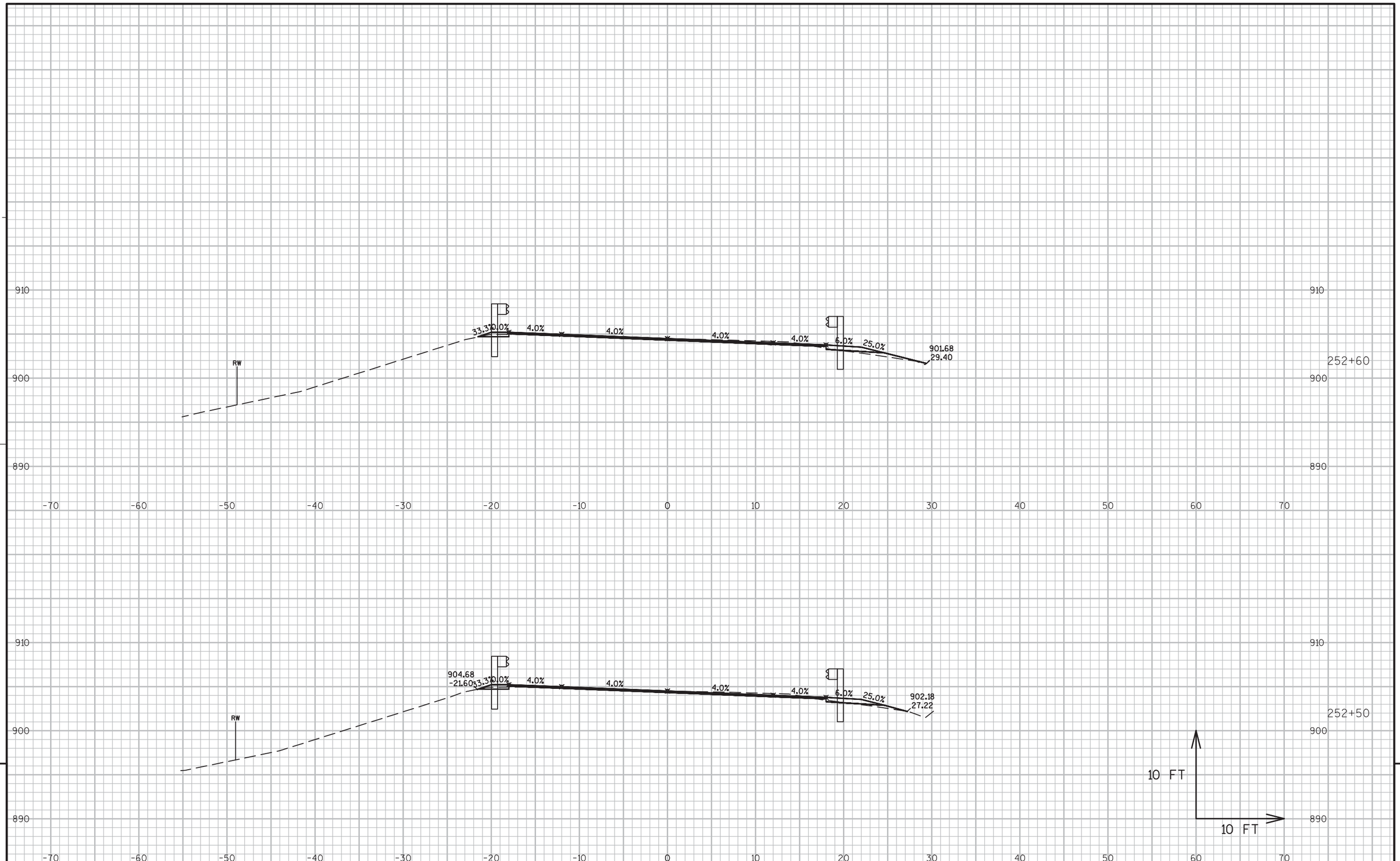
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 346	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:16 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

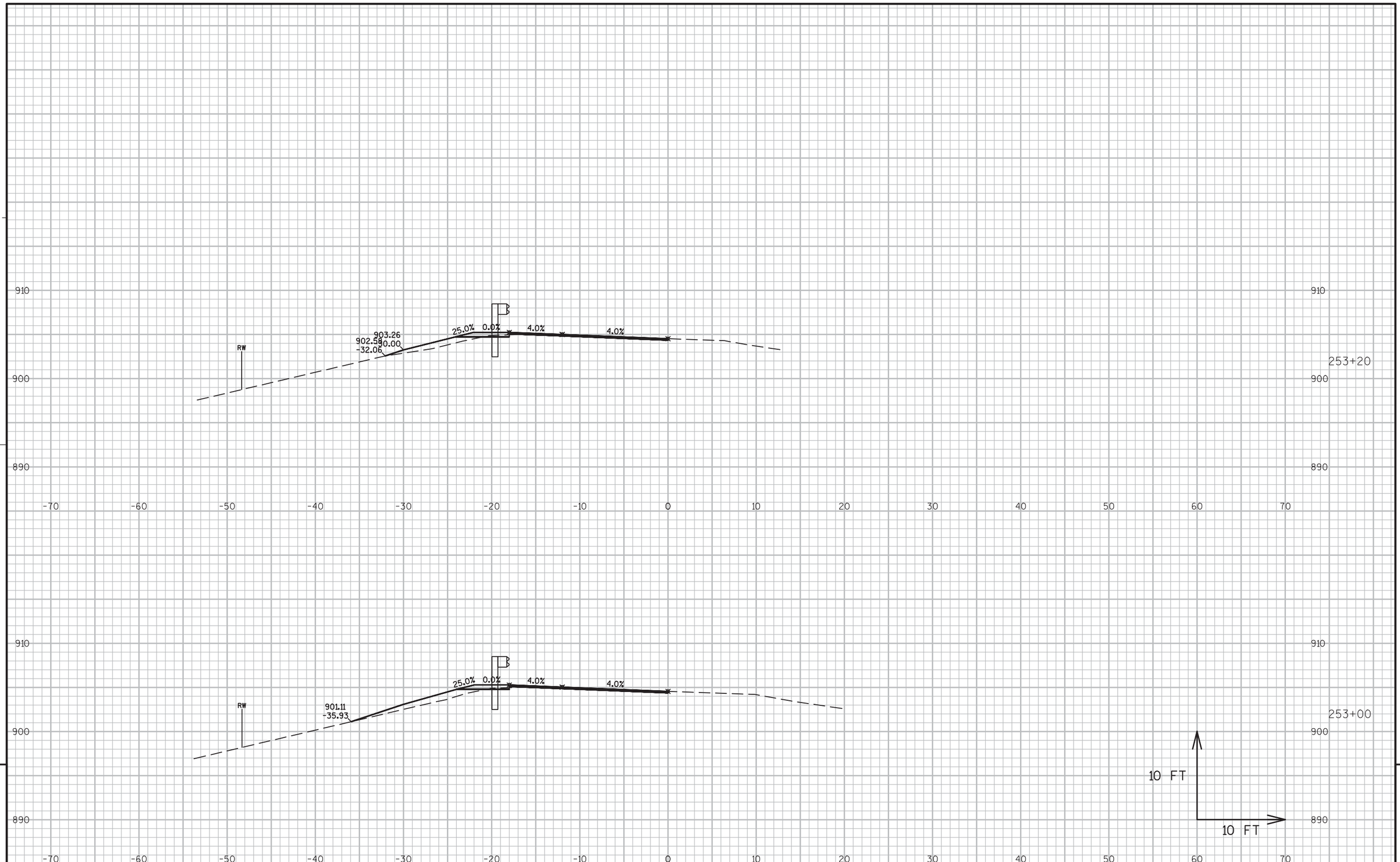


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 347	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:16 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



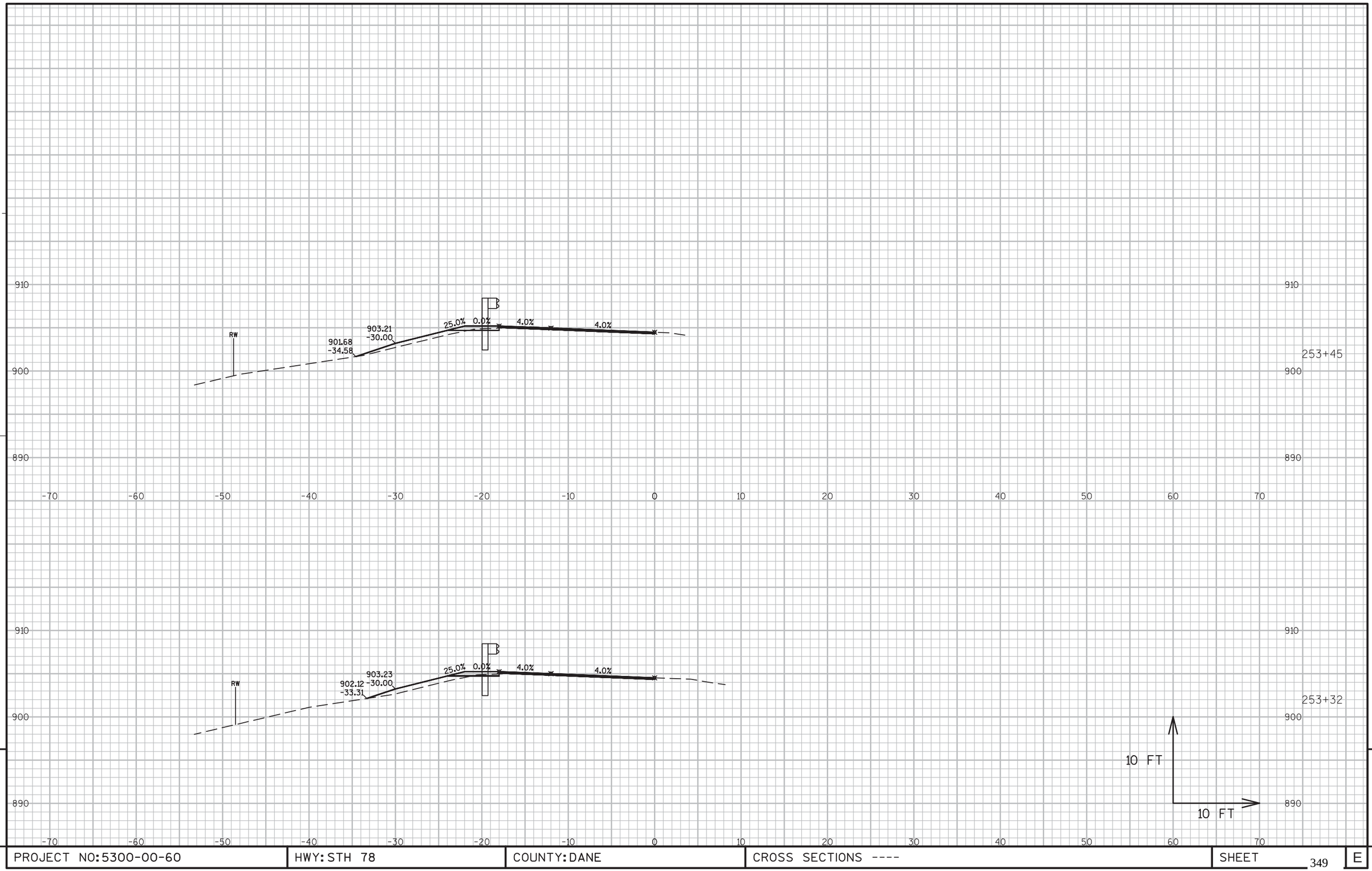
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 348	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:16 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



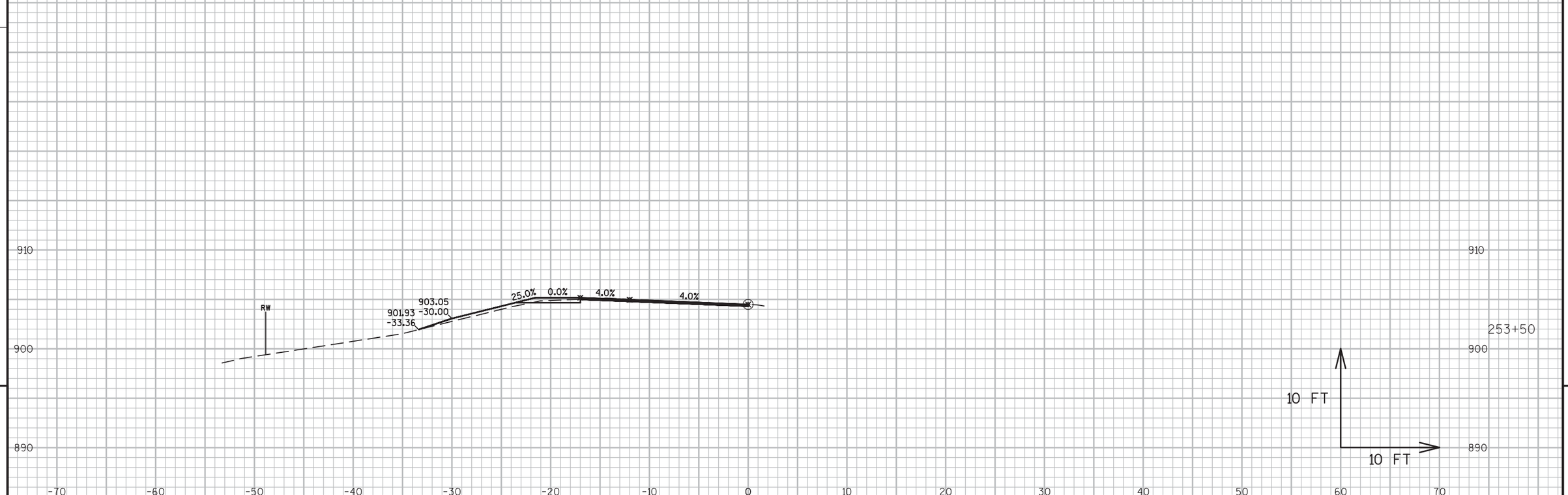
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 349	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:16 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

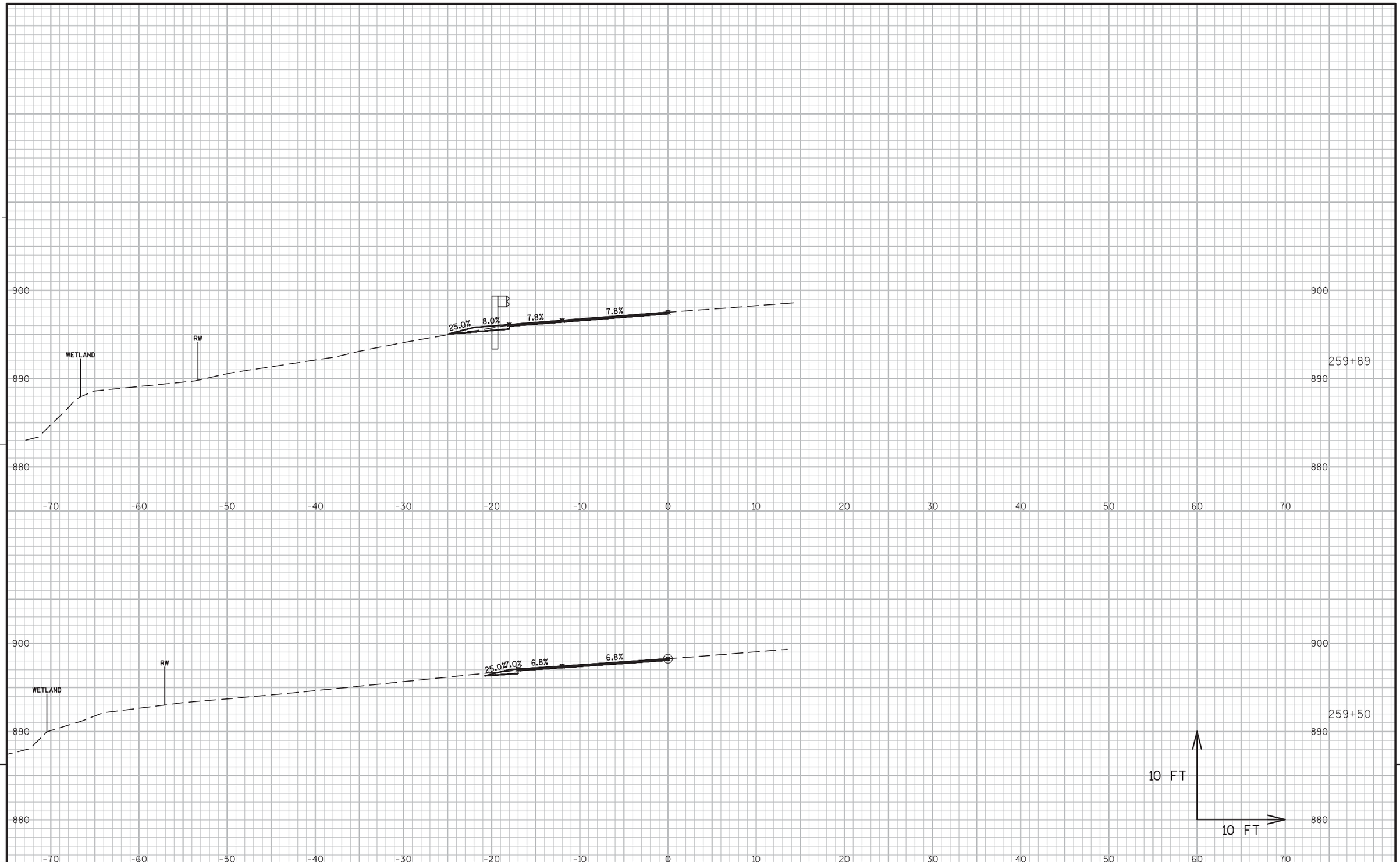
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 350	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 247-254

PLOT DATE : 3/2/2016 10:16 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

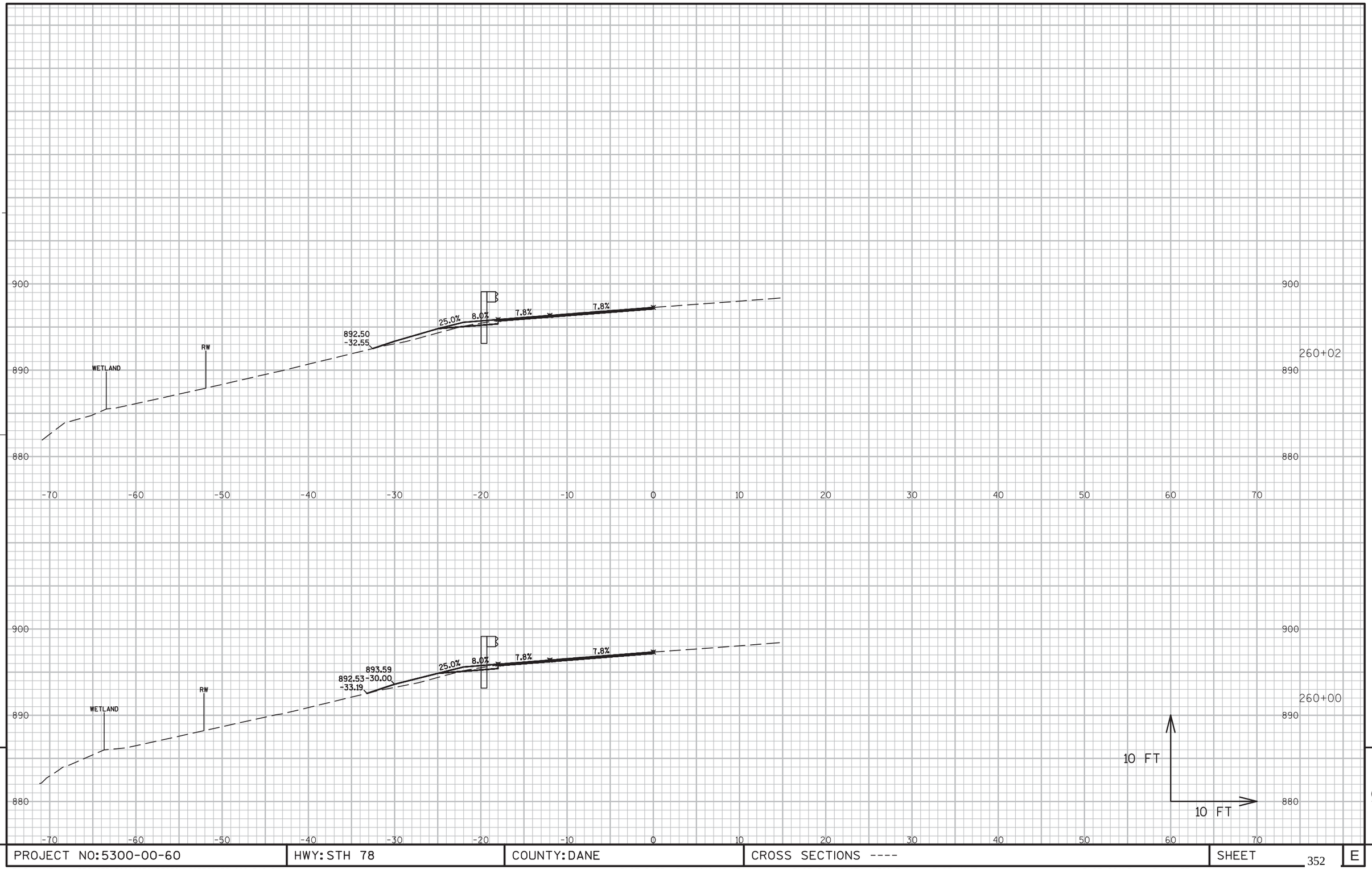


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 351	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:17 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

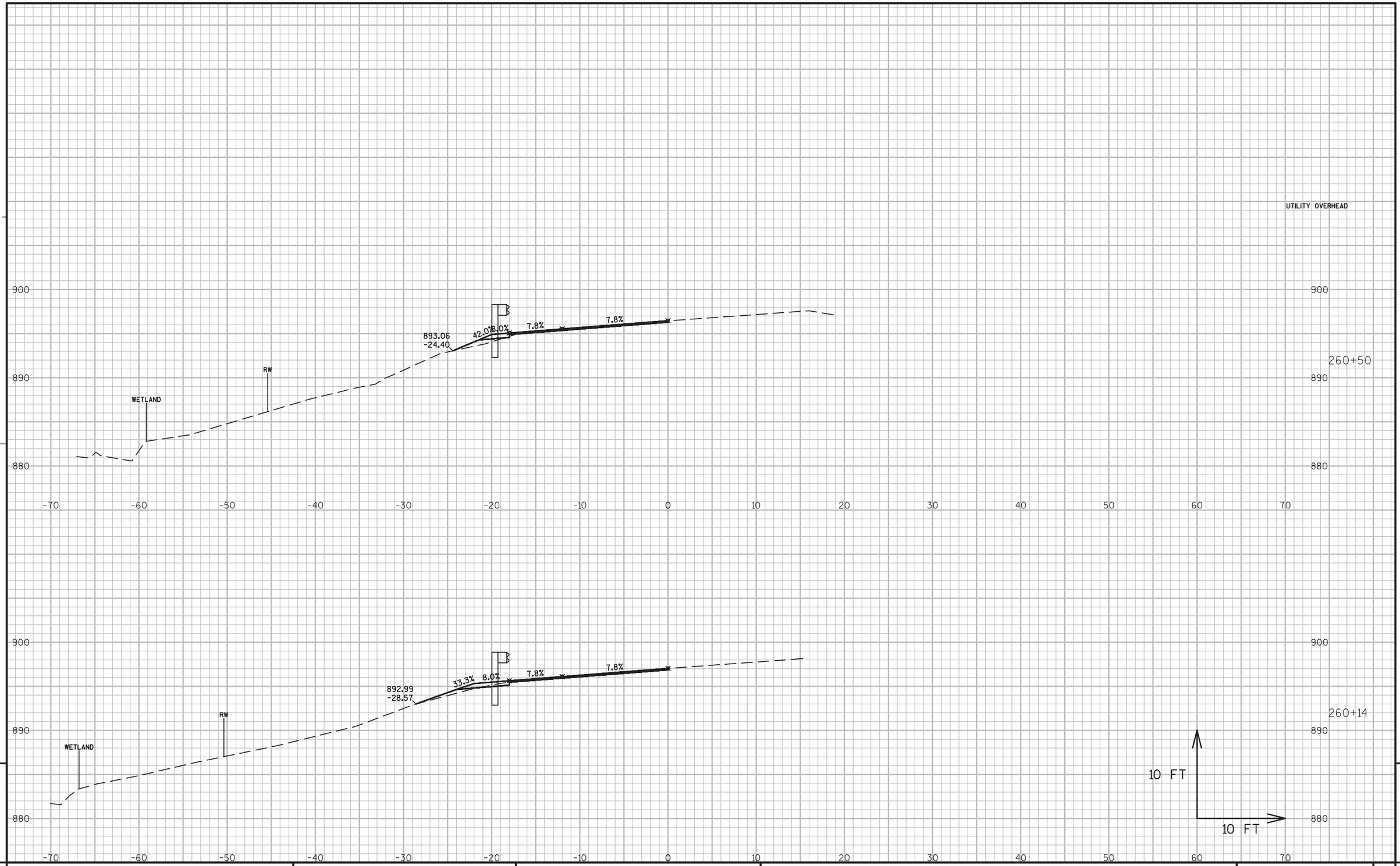


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 352	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:17 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

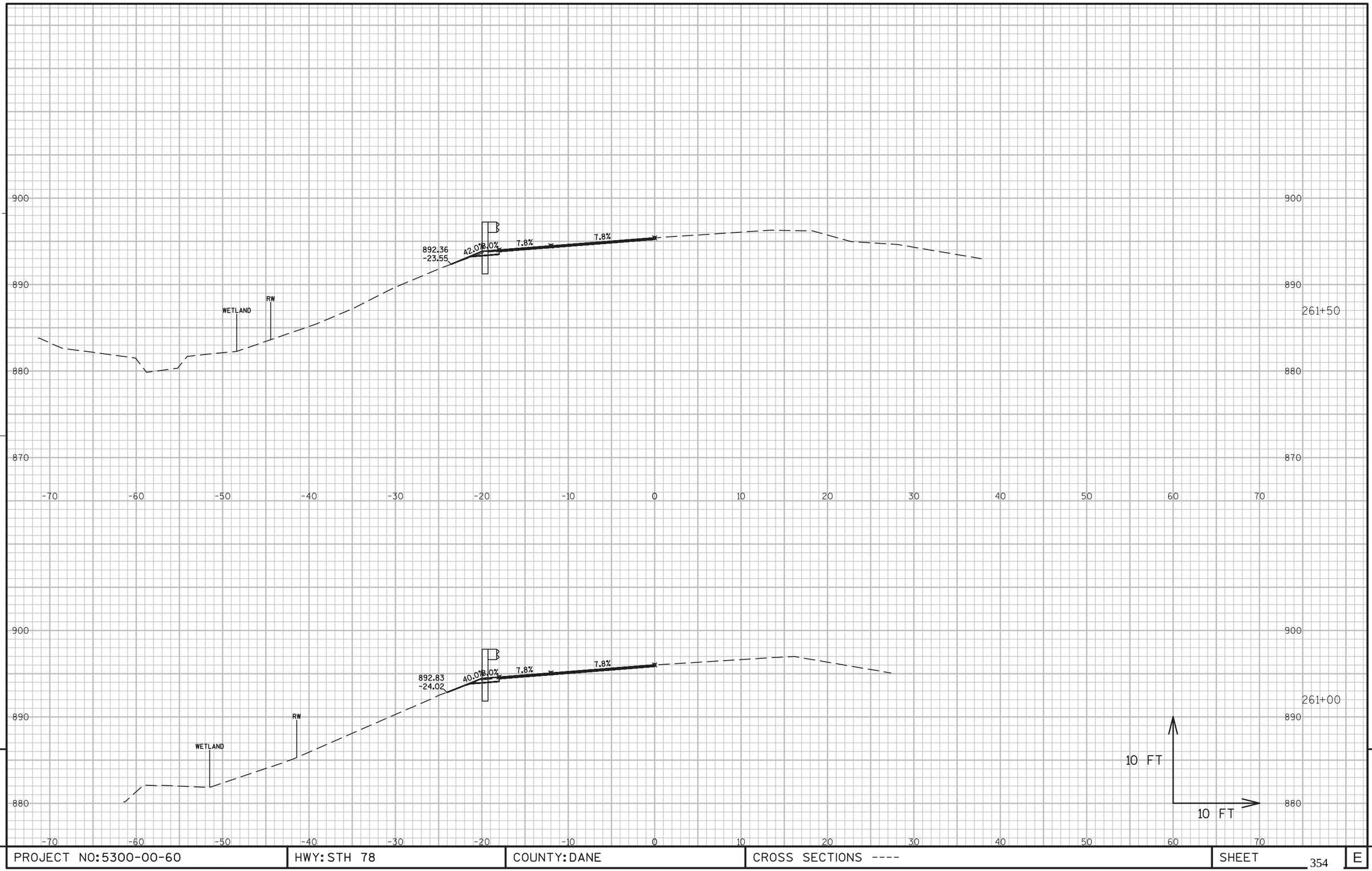
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 353	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:17 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



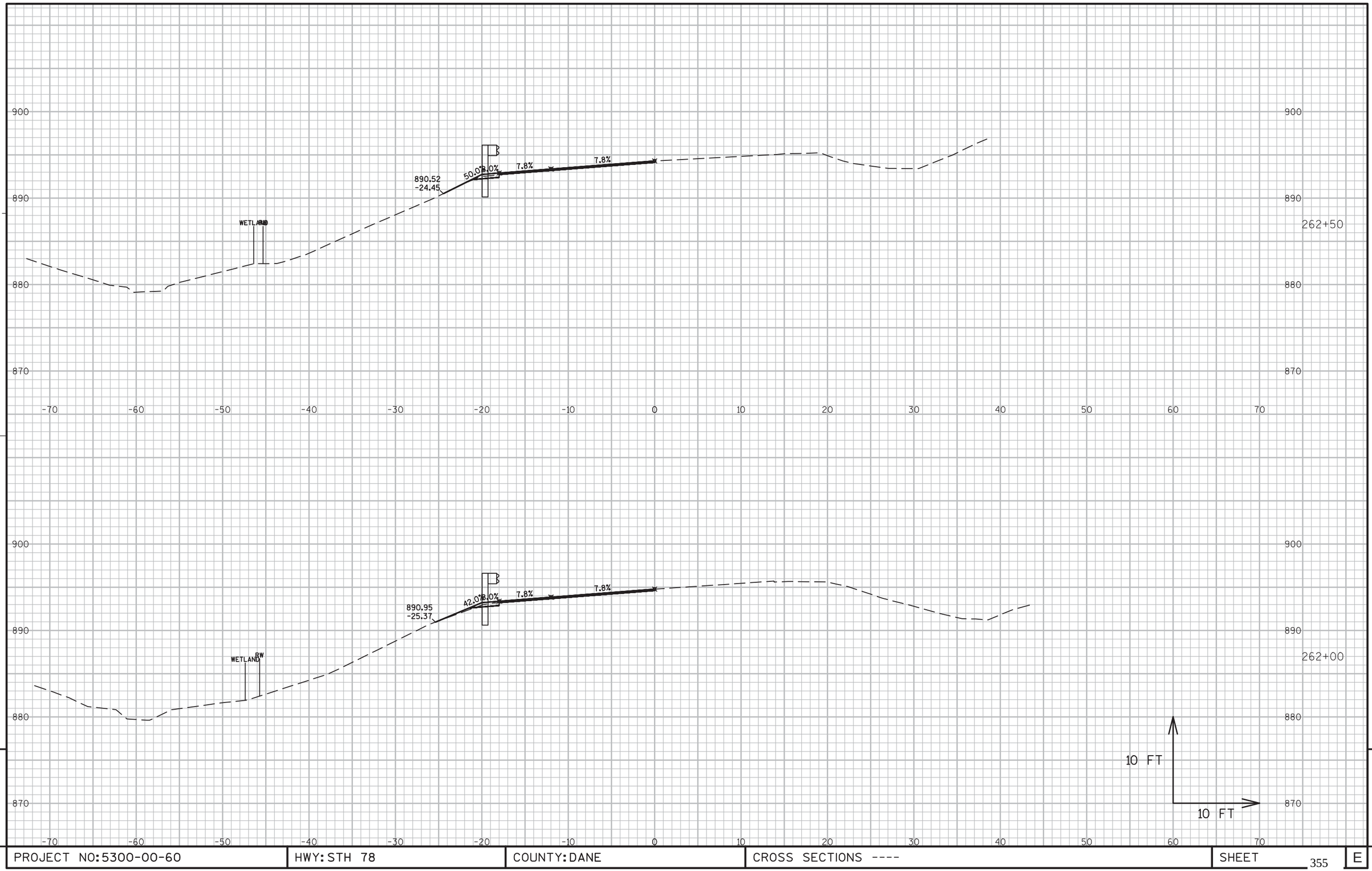
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 354	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:17 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

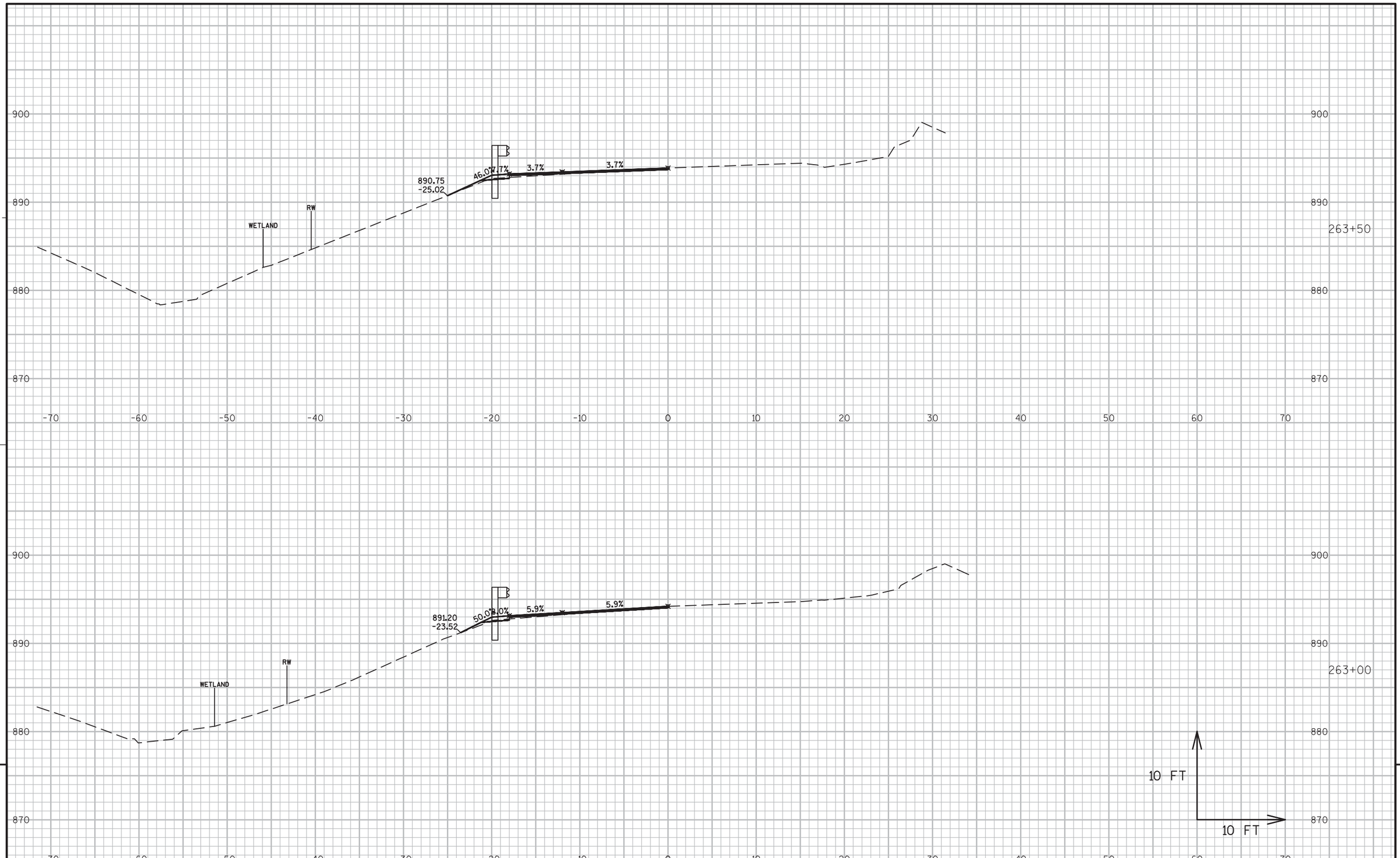


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 355	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:17 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

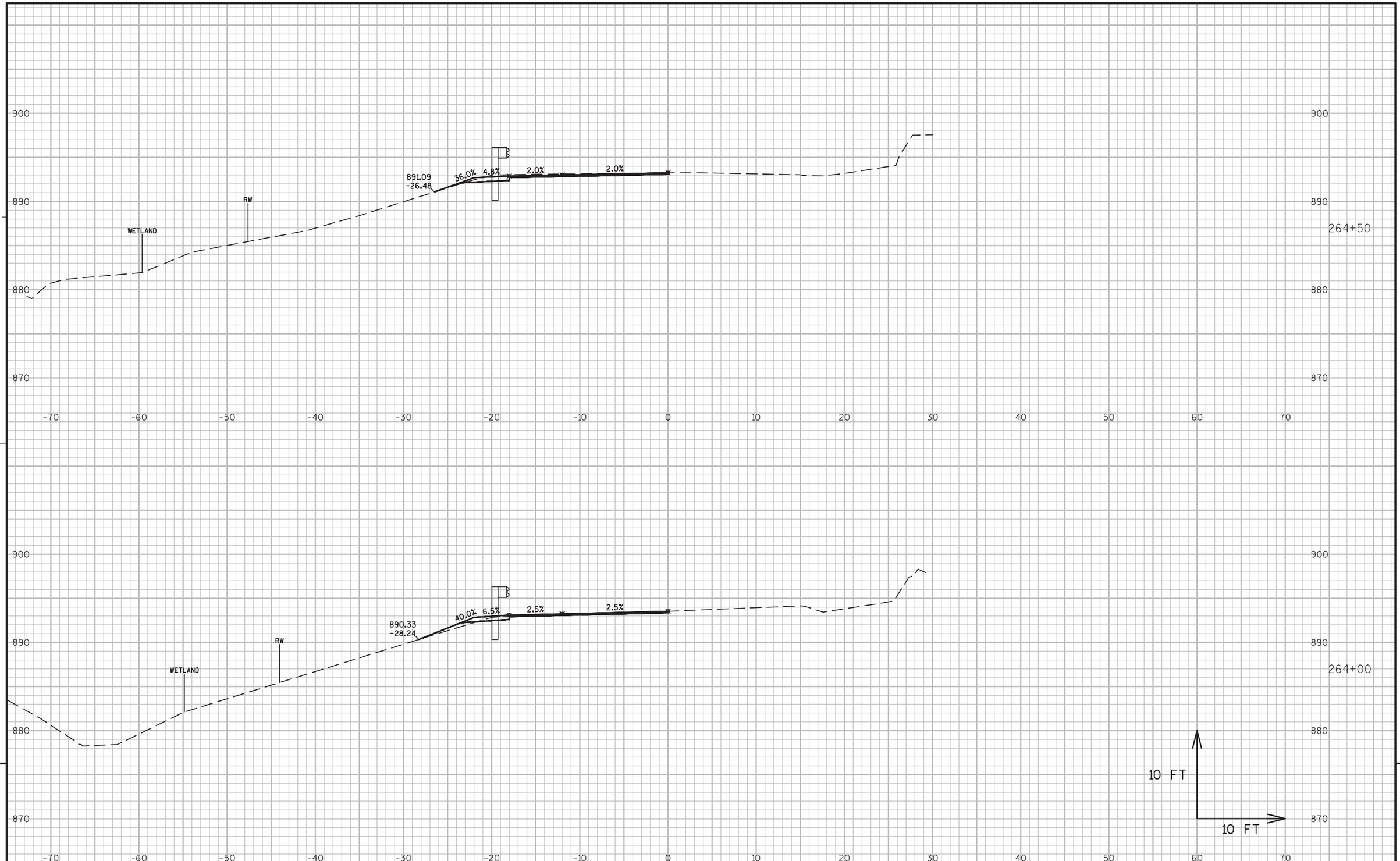


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 356	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:18 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



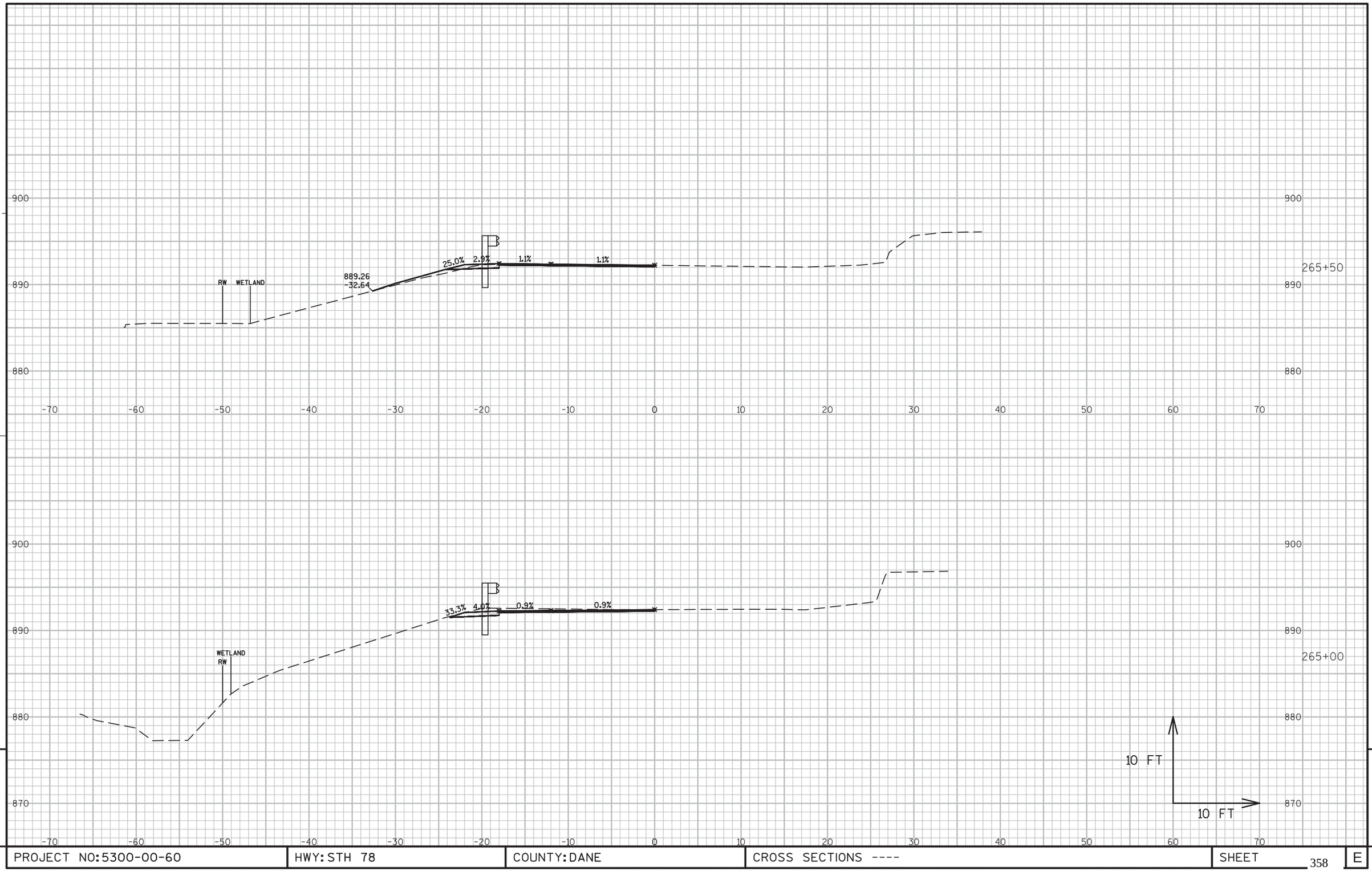
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 357	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:18 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



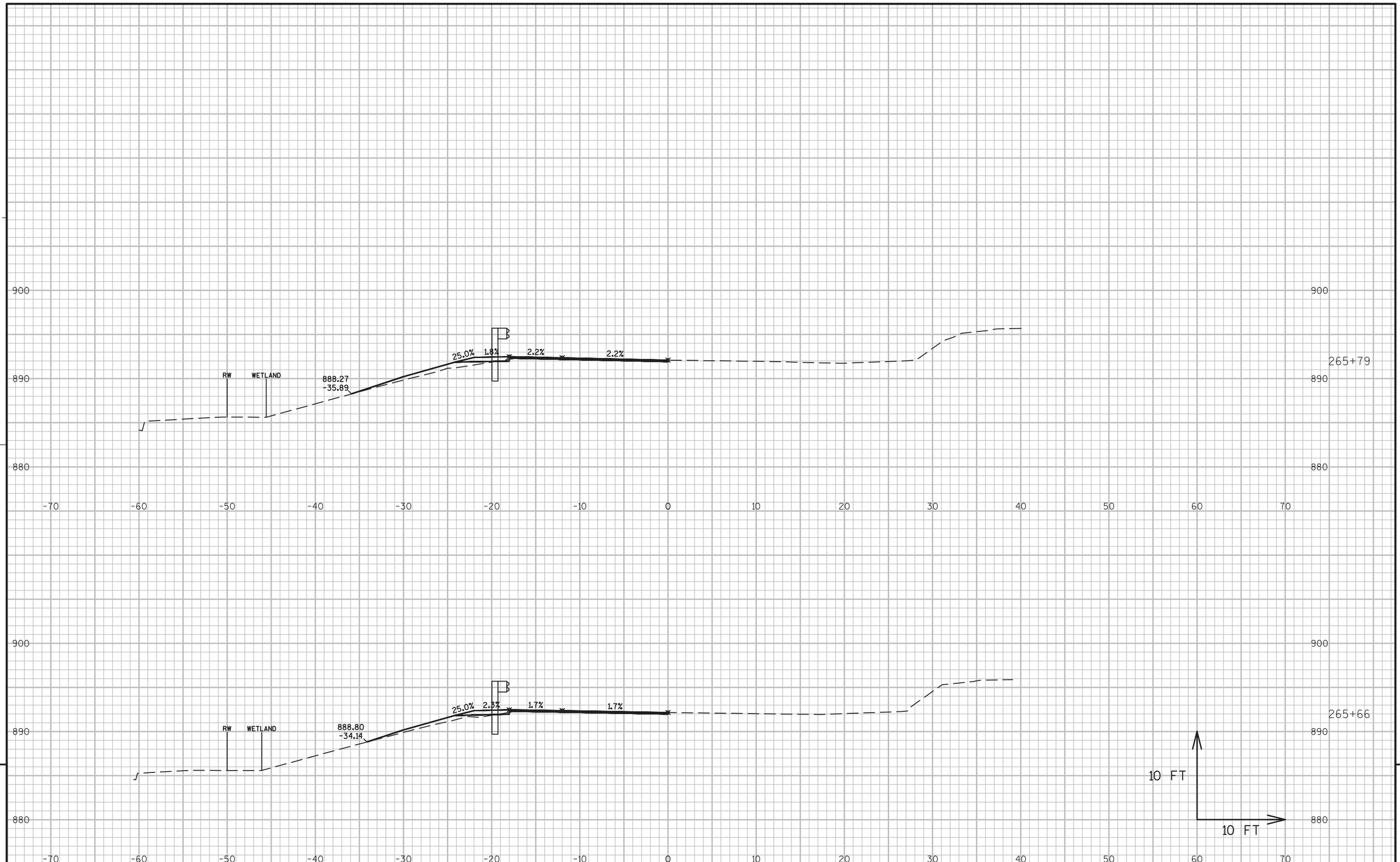
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 358	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:18 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

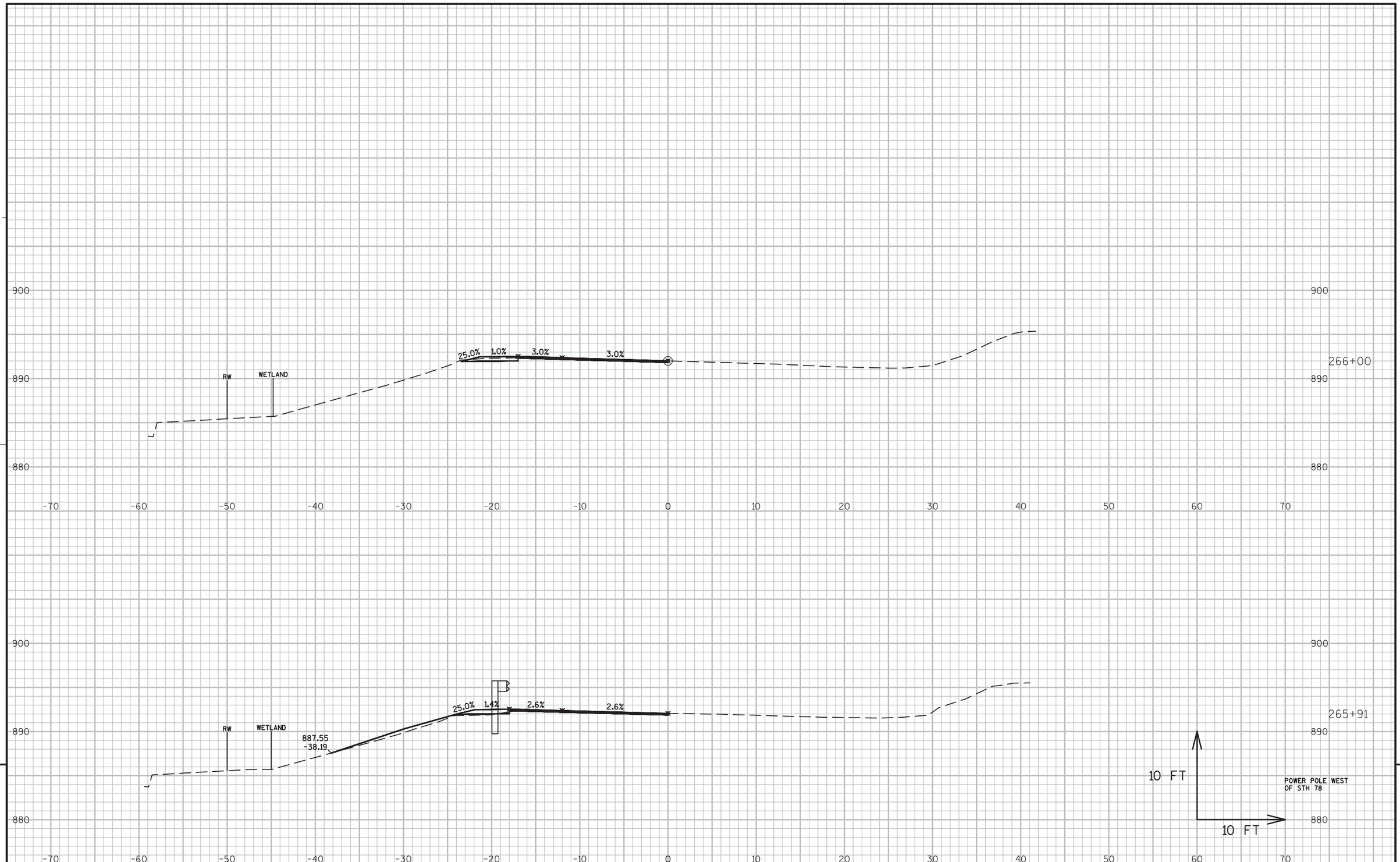


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 359	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:18 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



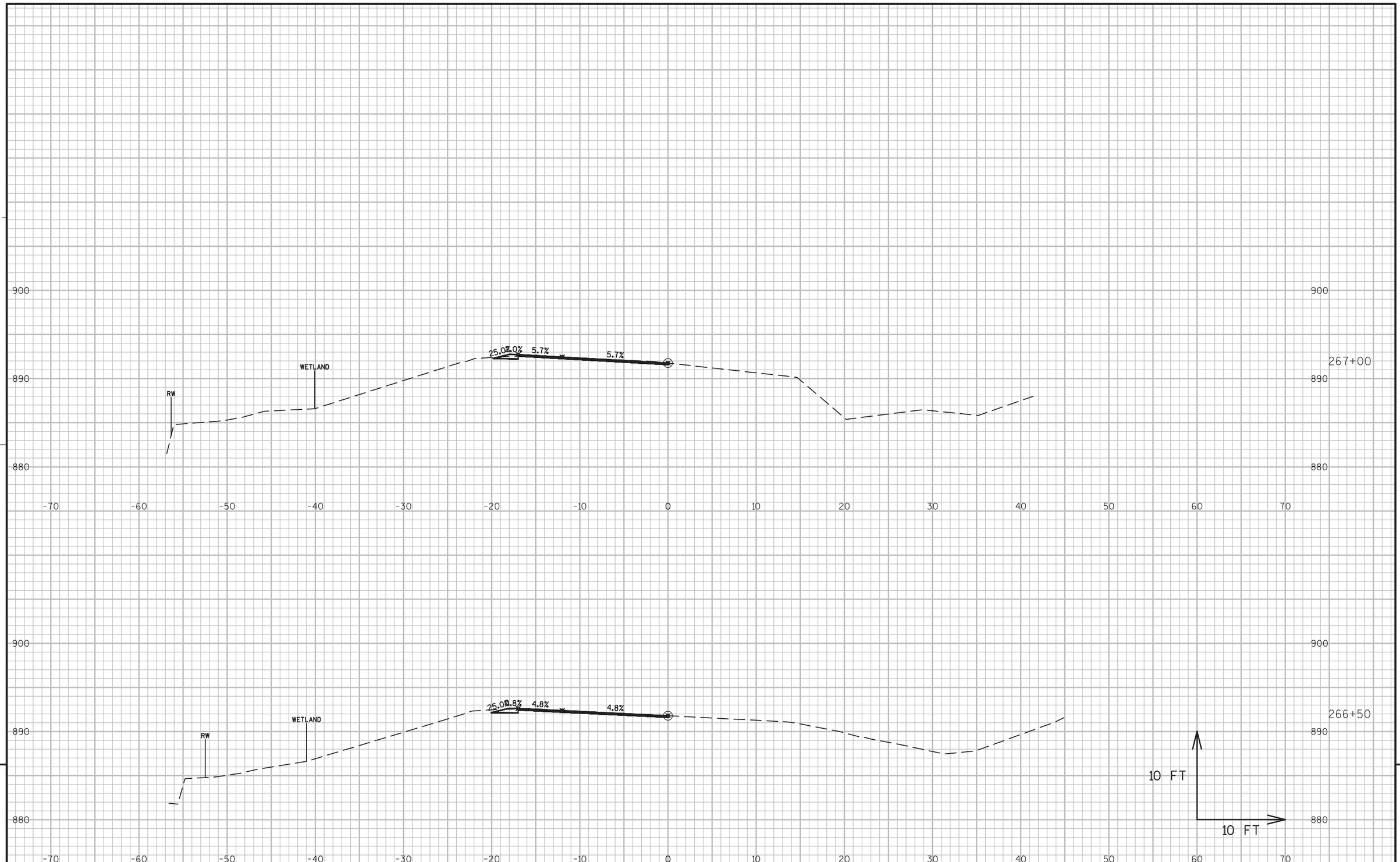
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 360	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:18 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



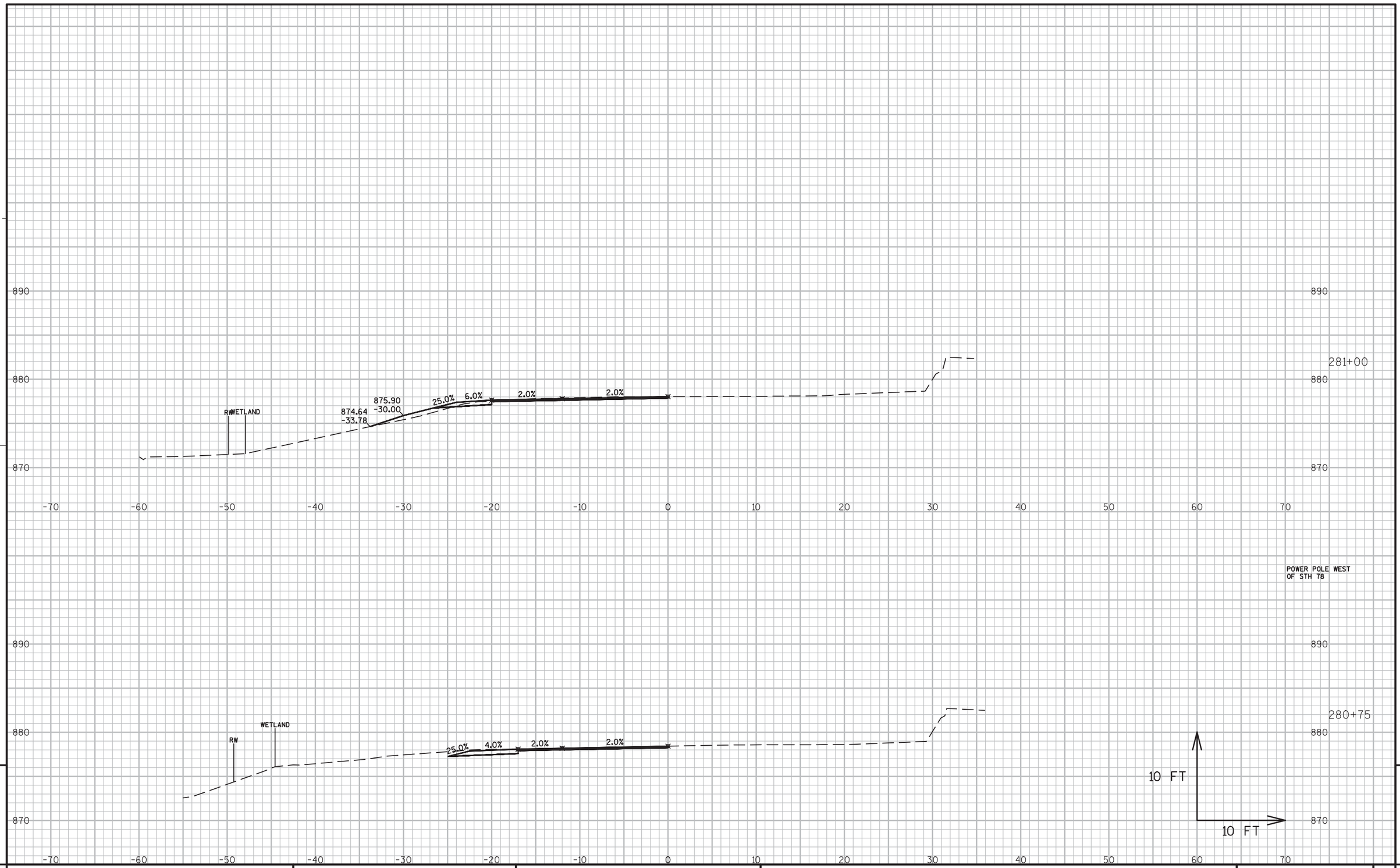
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 361	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 260-267

PLOT DATE : 3/2/2016 10:19 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



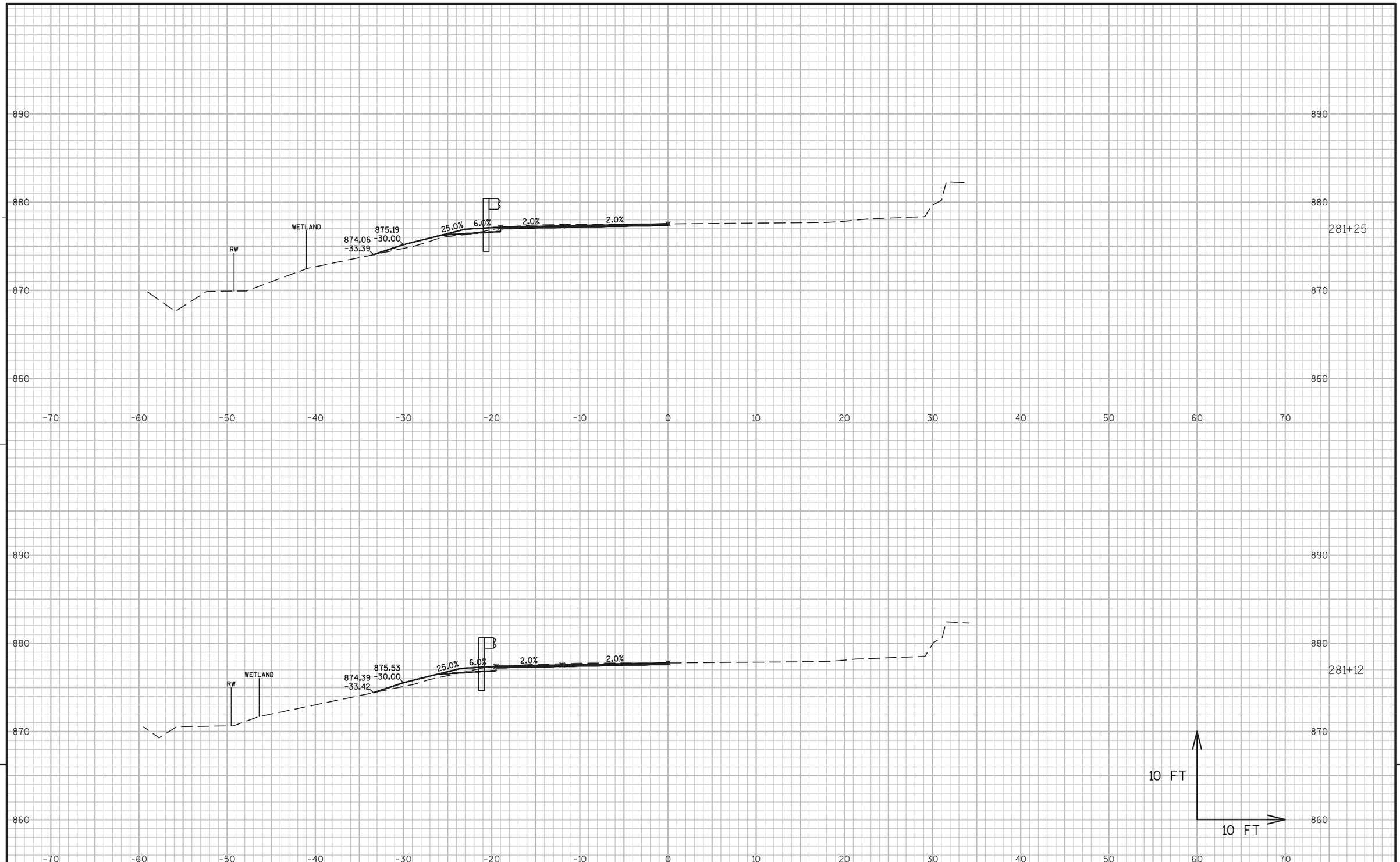
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 362	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:19 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

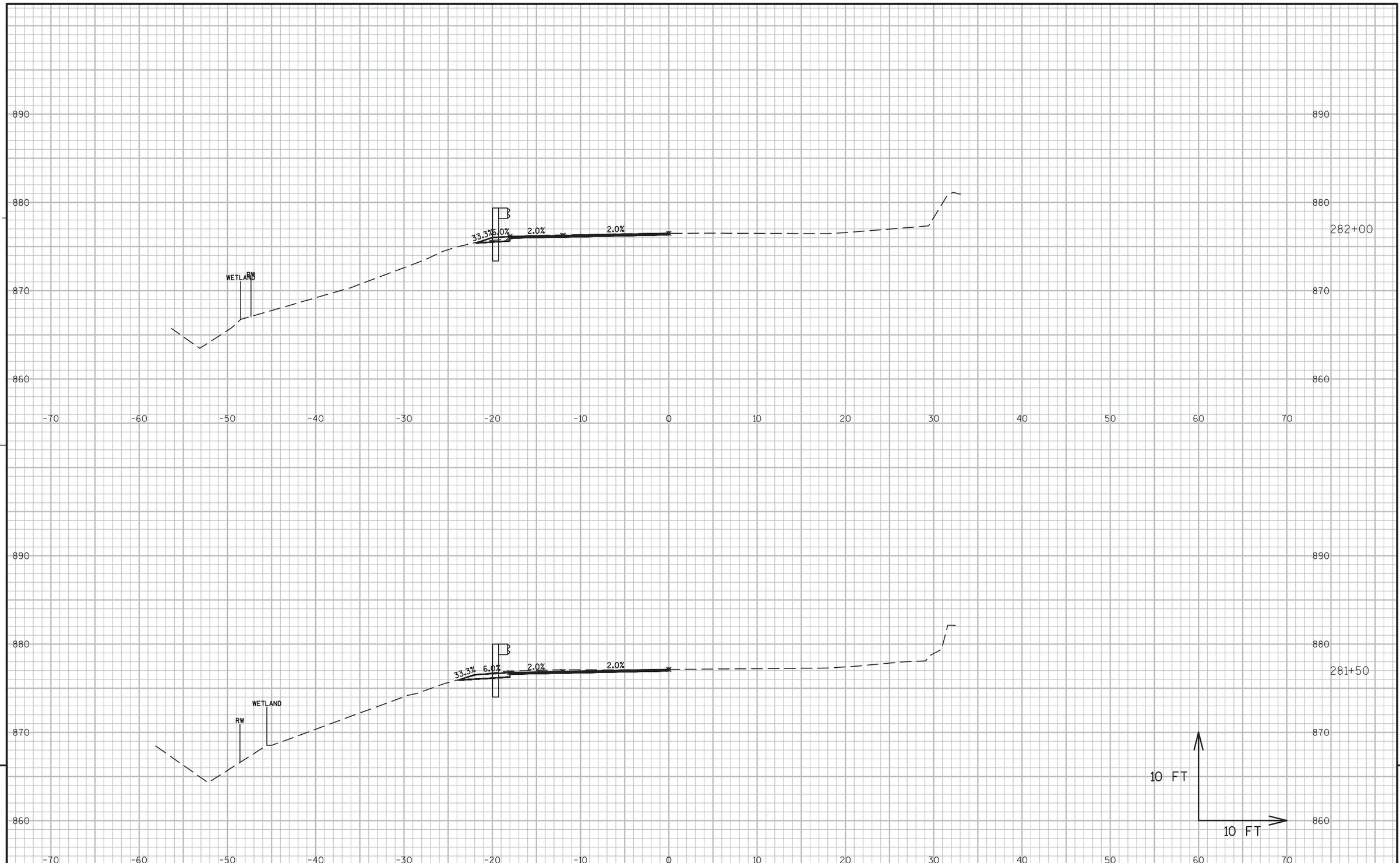


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 363	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:19 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



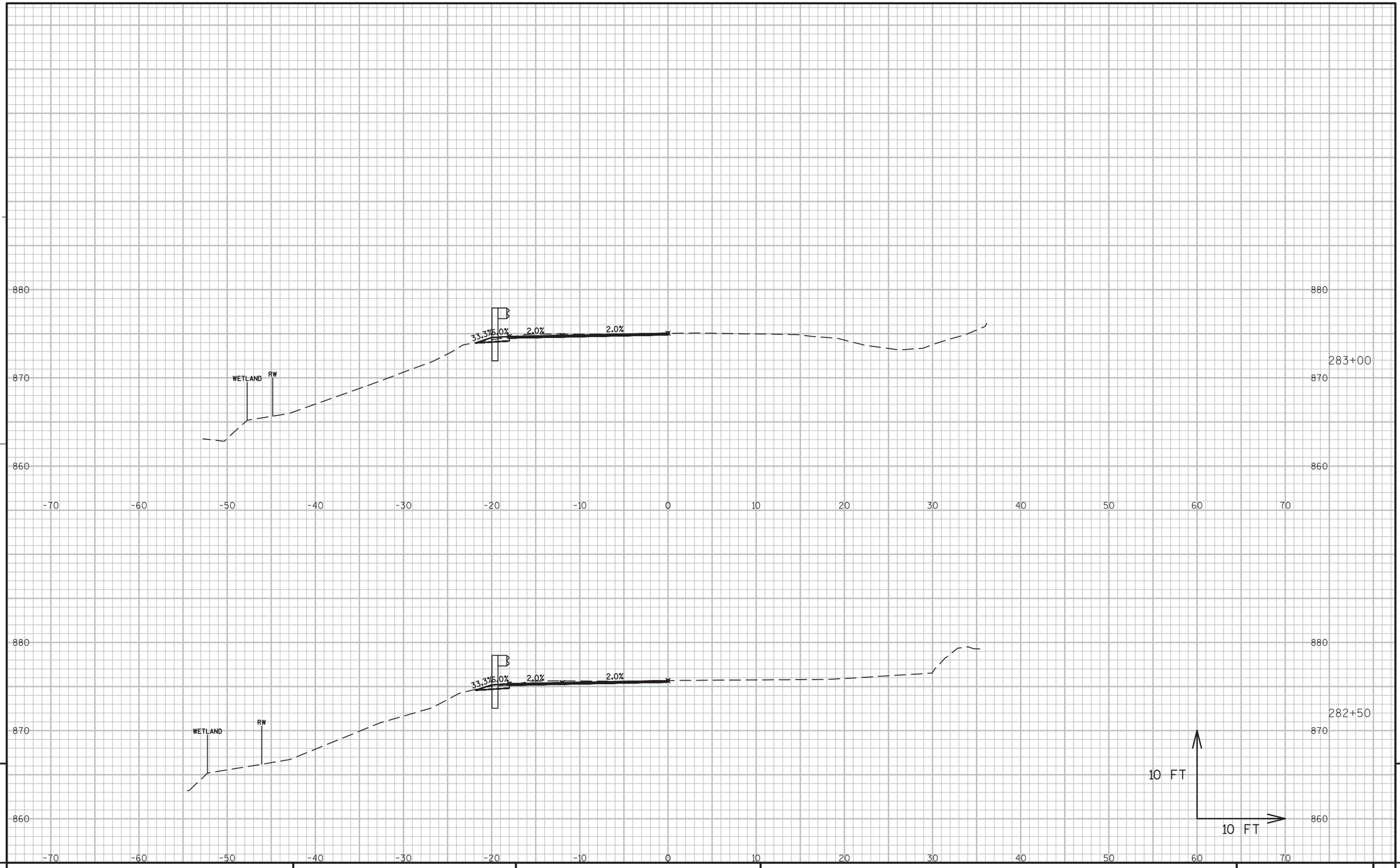
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 364	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:19 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

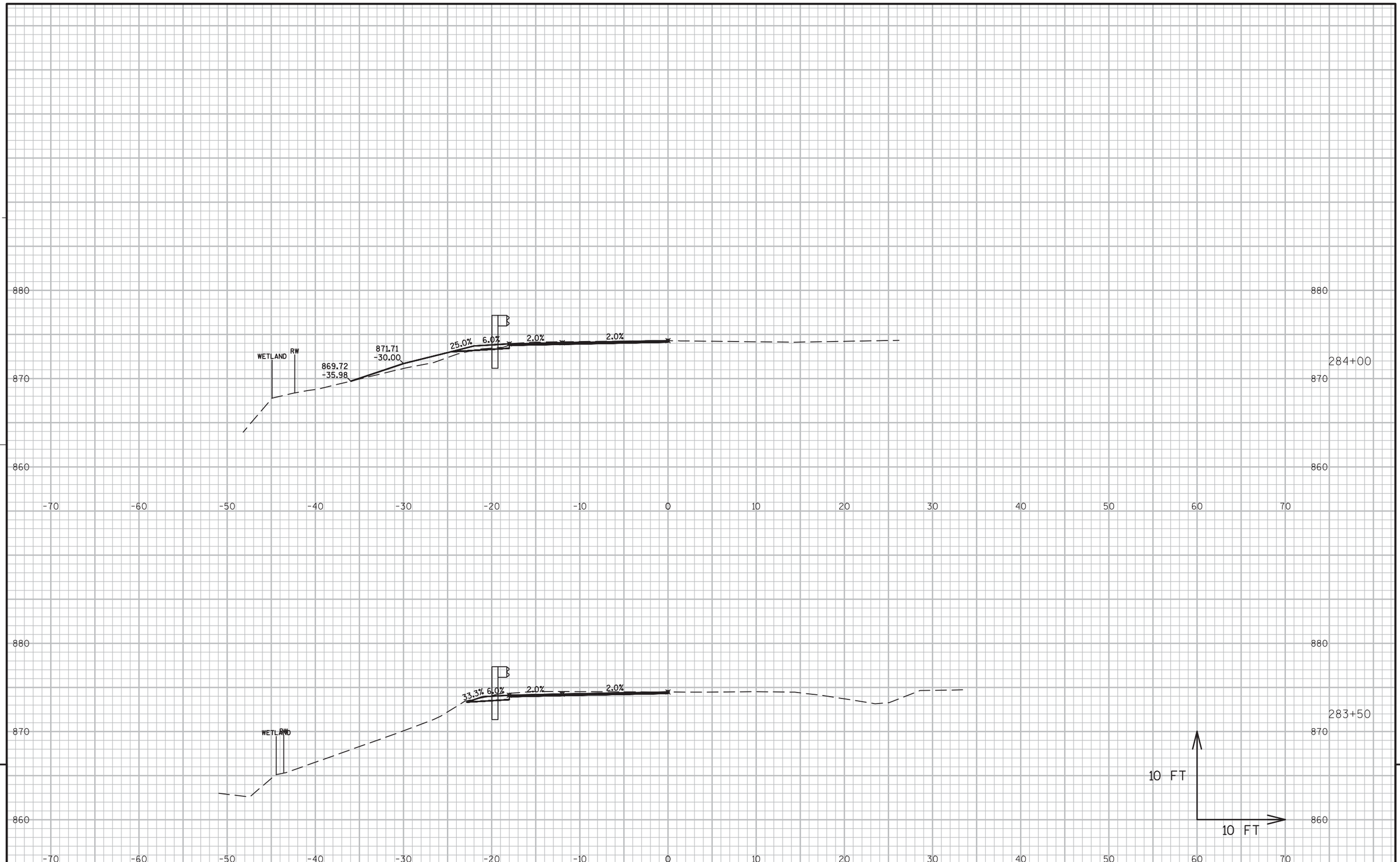


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 365	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:19 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

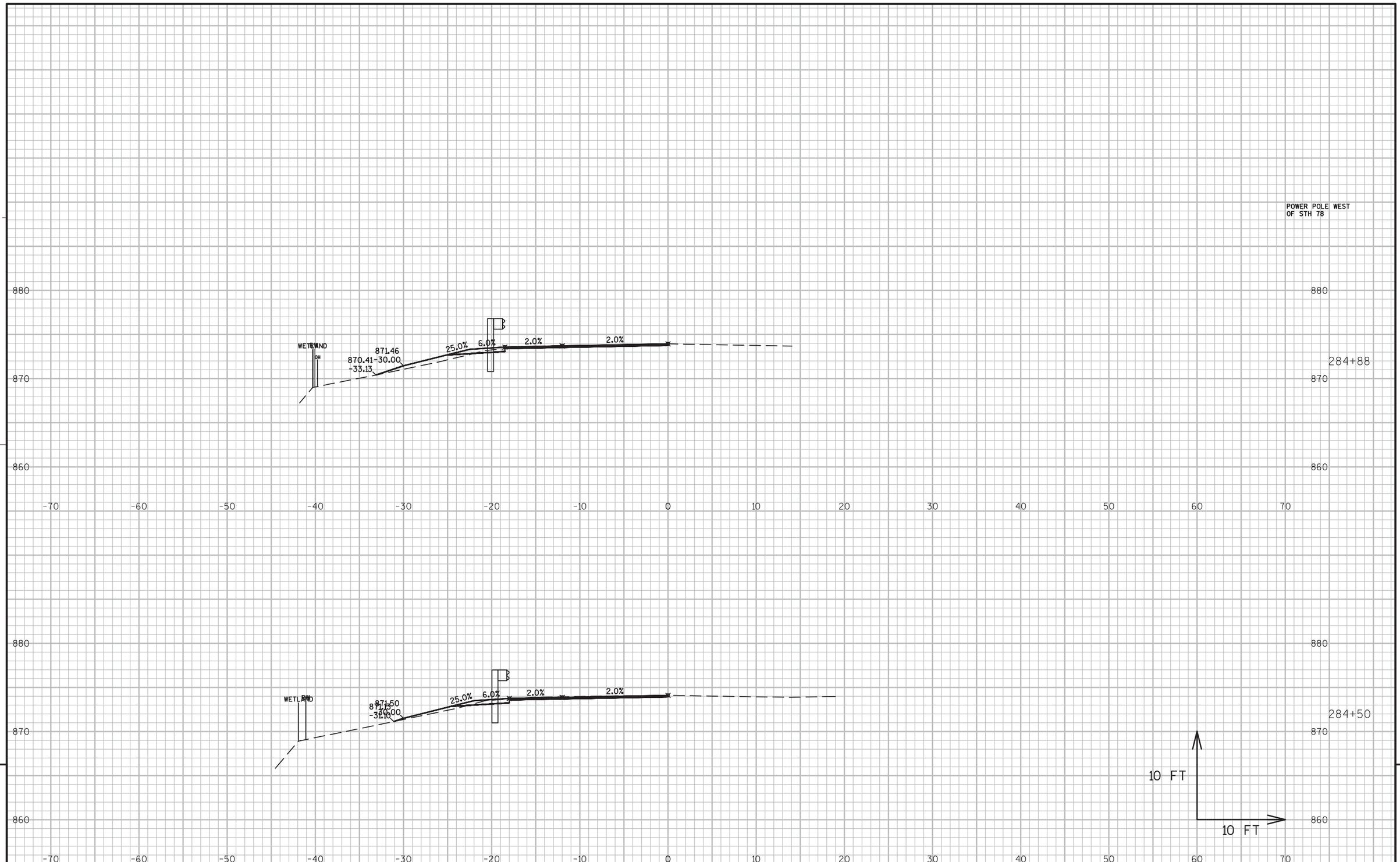
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 366	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:20 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



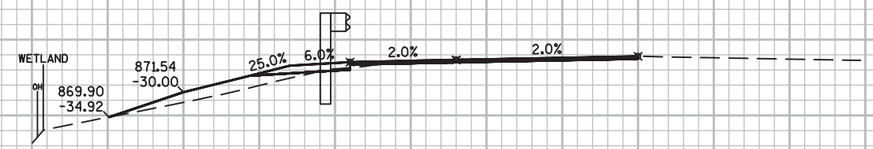
9

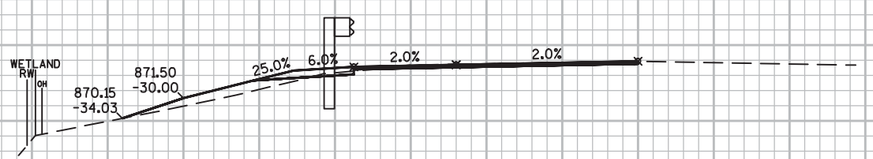
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 367	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:20 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT





880
870
860
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

285+13

285+00

10 FT
10 FT

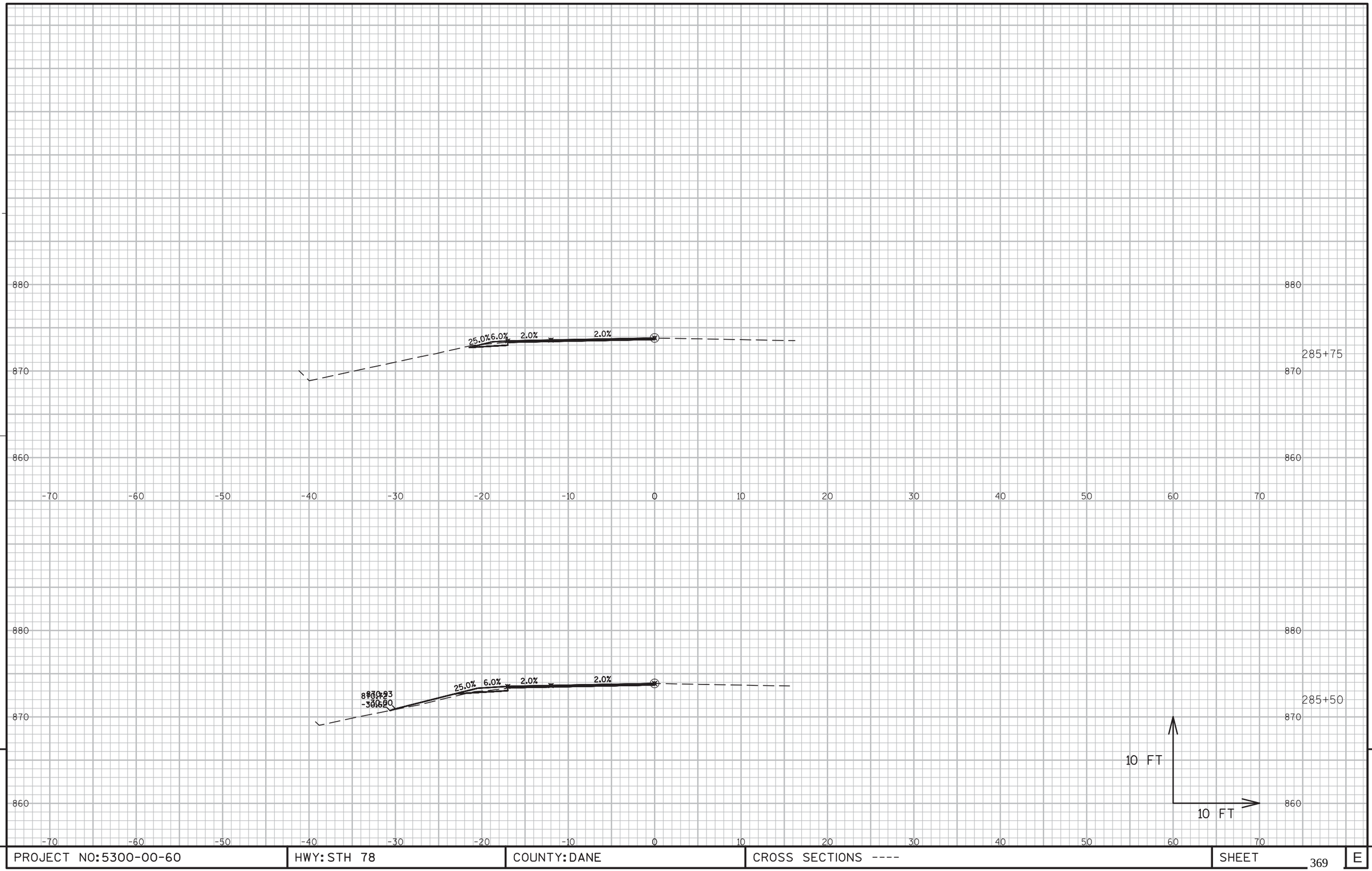
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 368	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:20 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



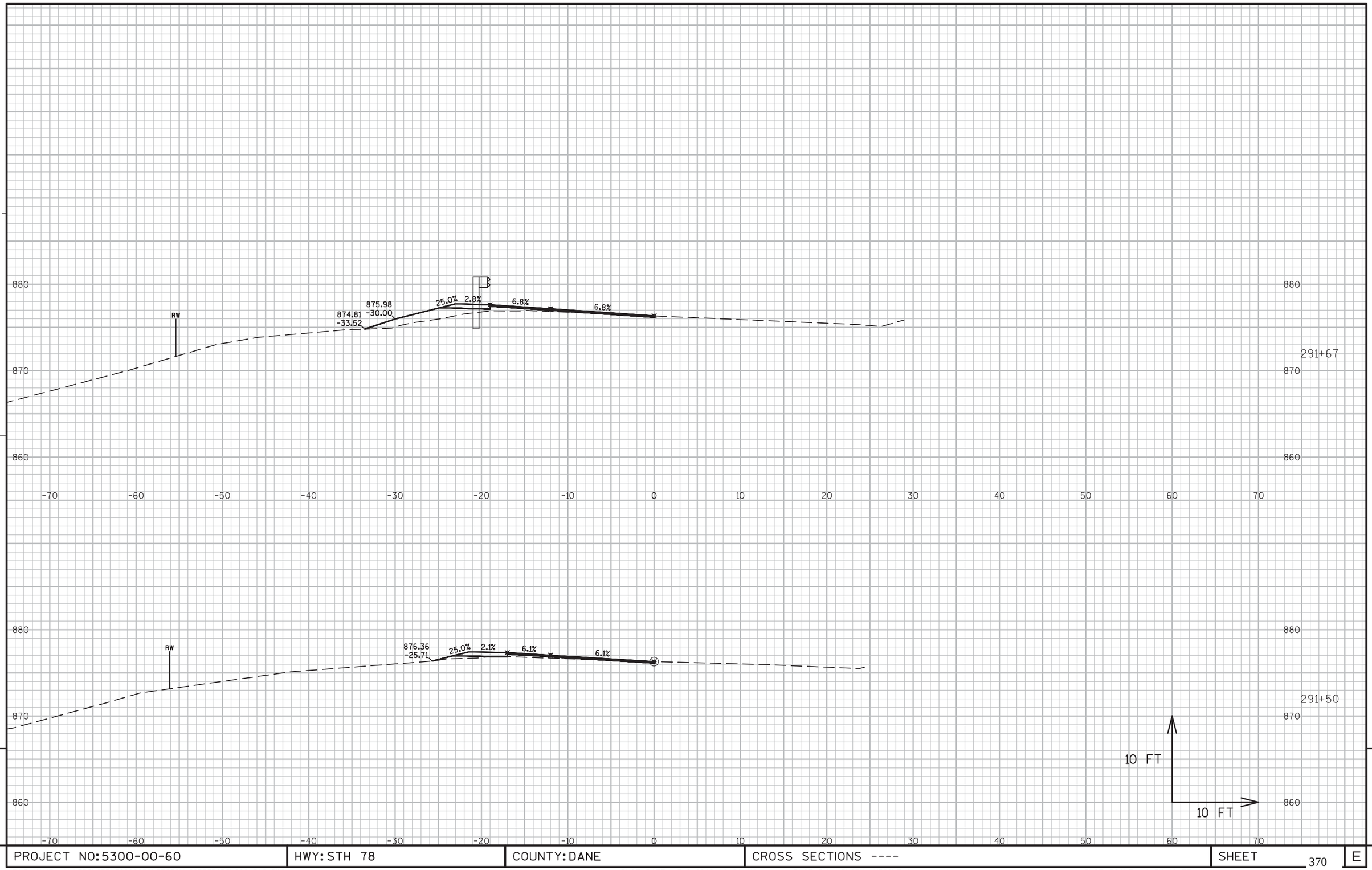
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 369	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 281-286

PLOT DATE : 3/2/2016 10:20 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



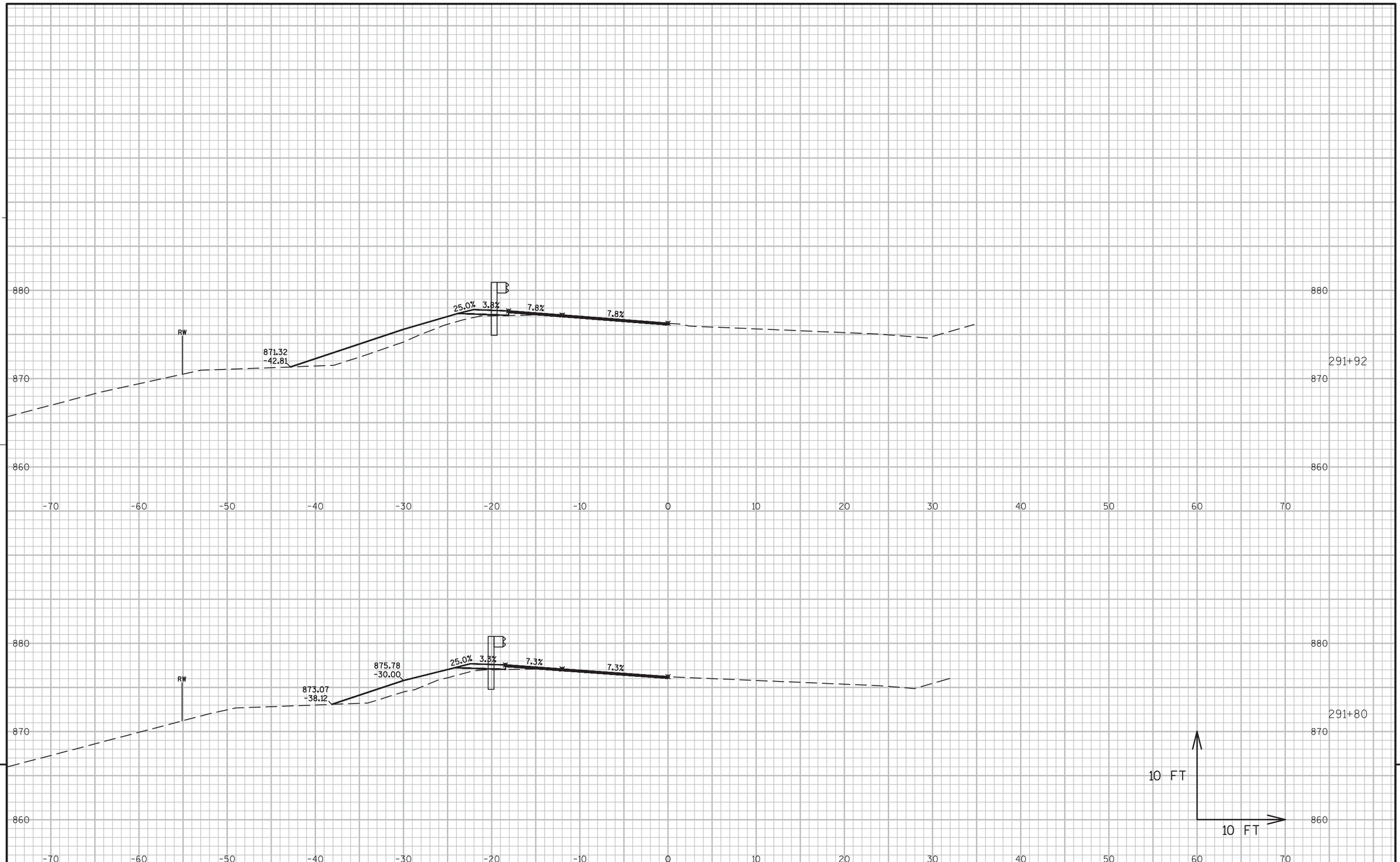
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 370	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:21 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

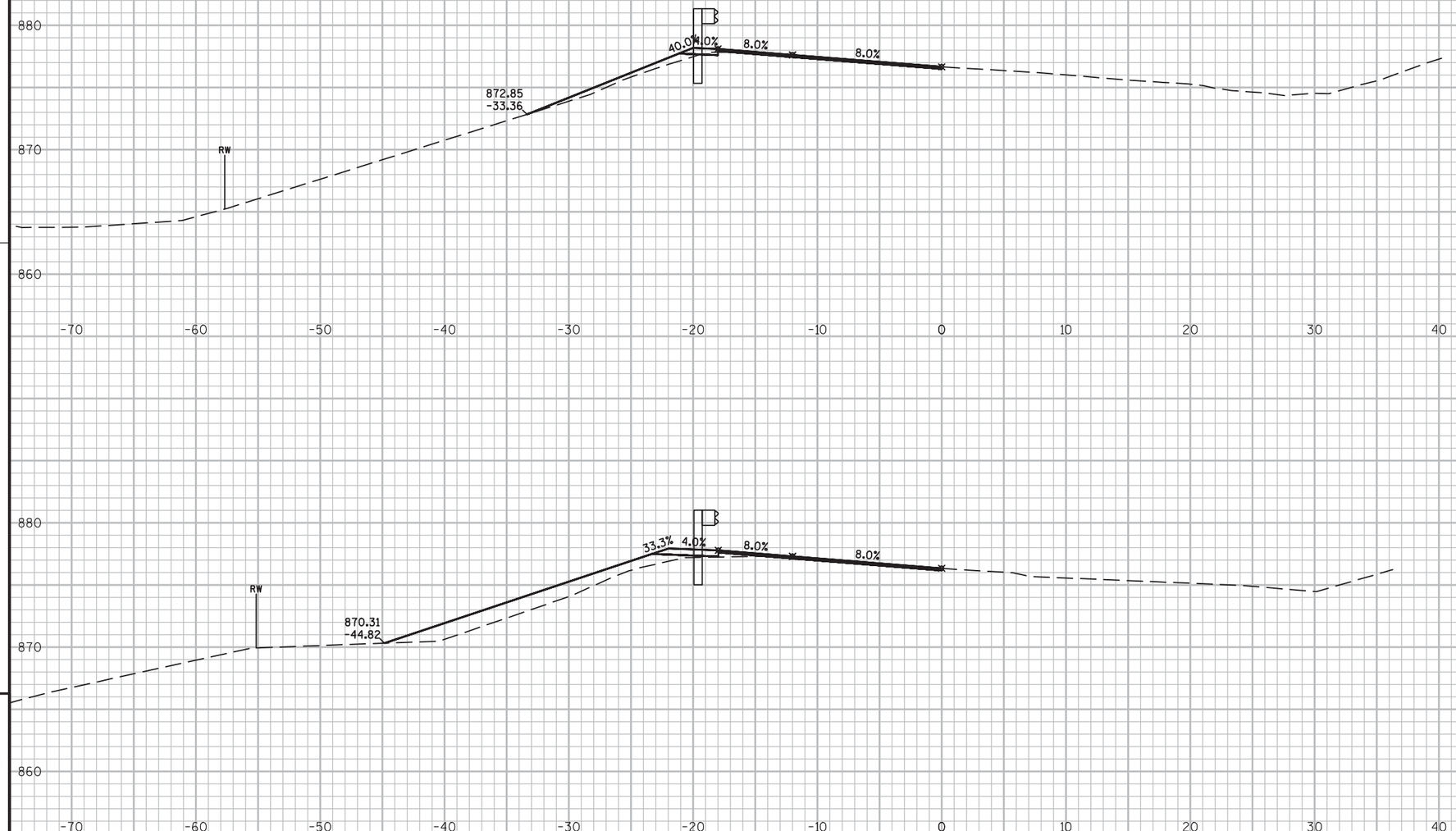
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 371	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:21 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

POWER POLE WEST
OF STH 78



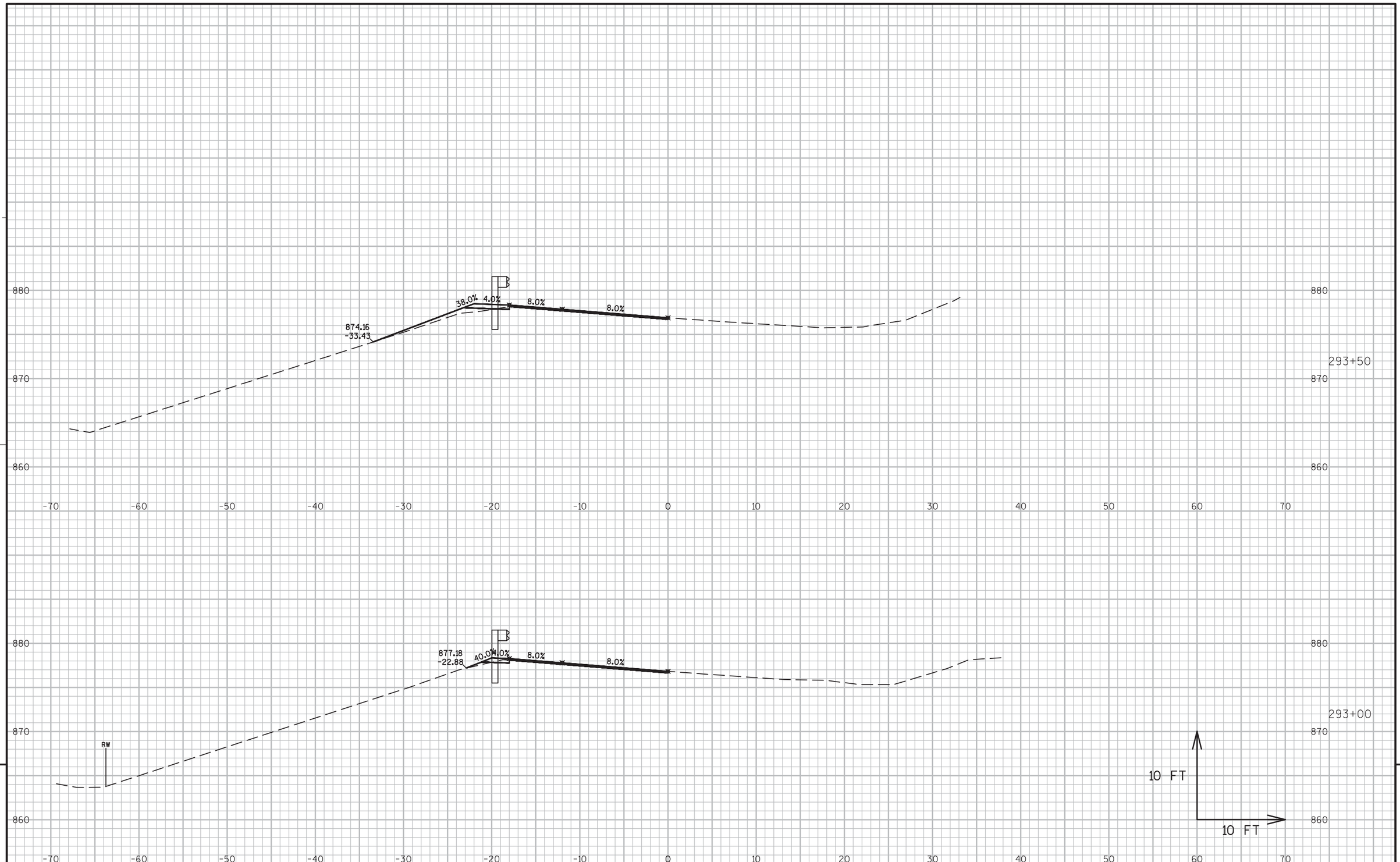
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 372	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:21 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



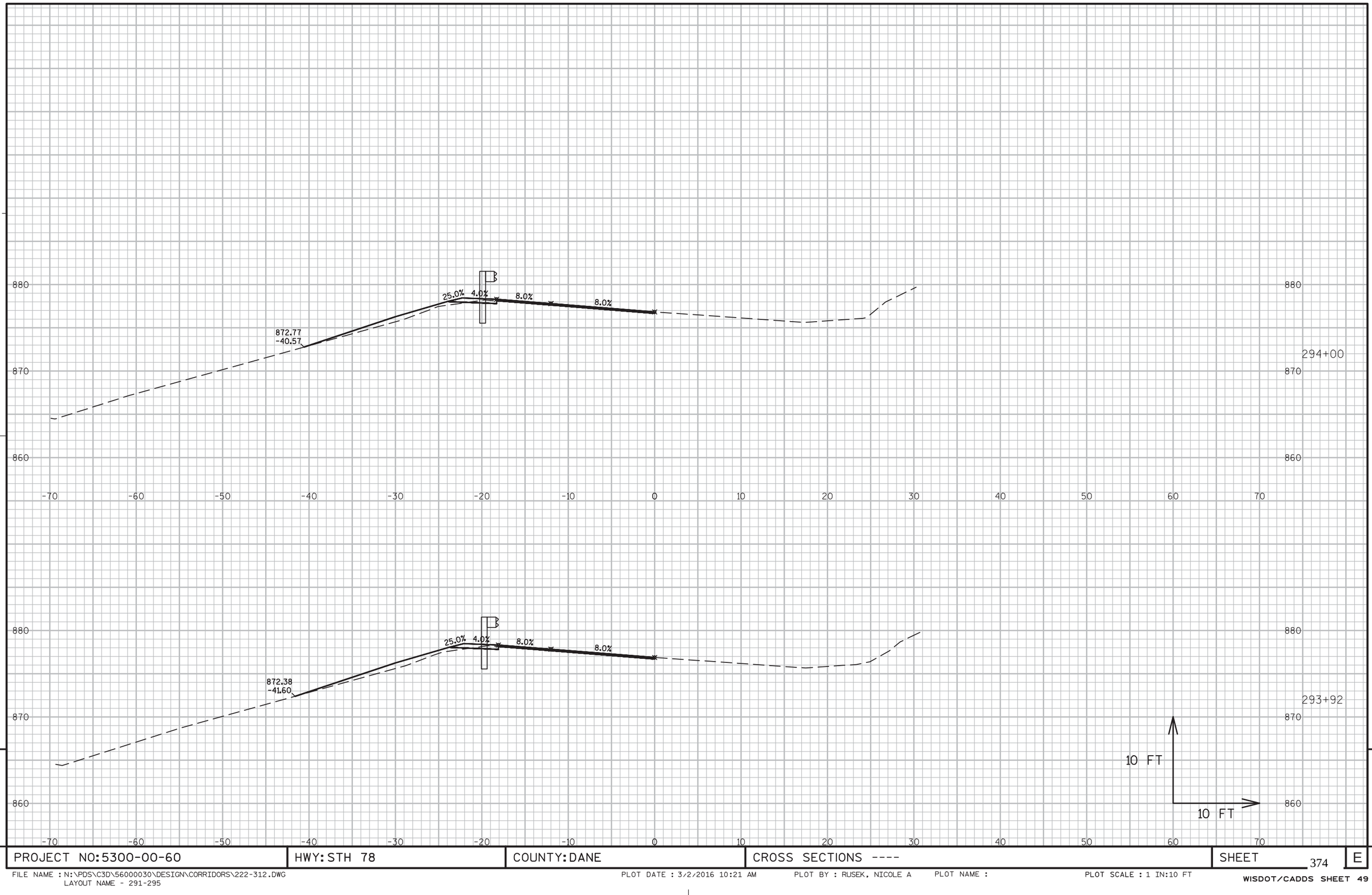
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 373	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:21 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

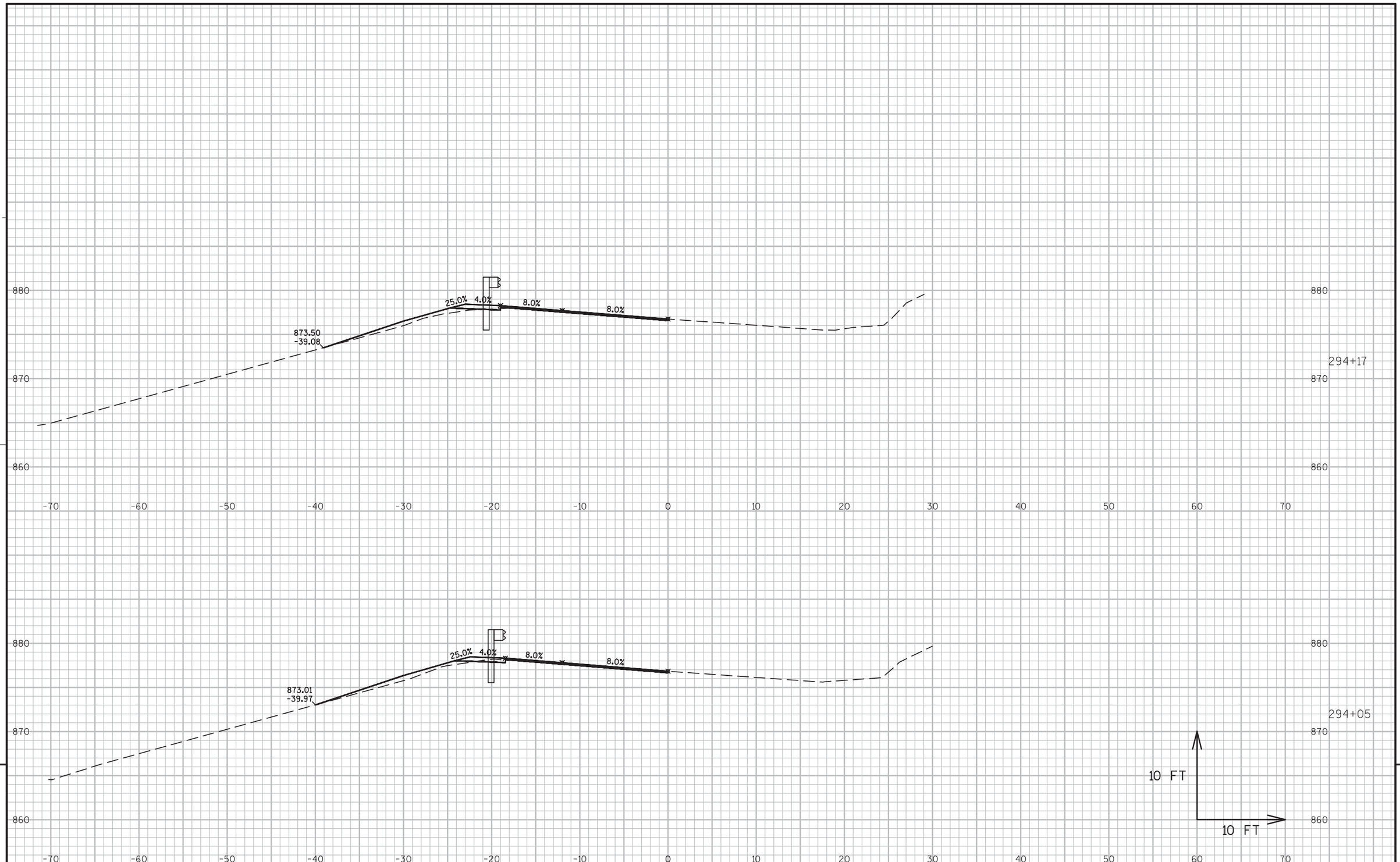
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 374	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:21 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

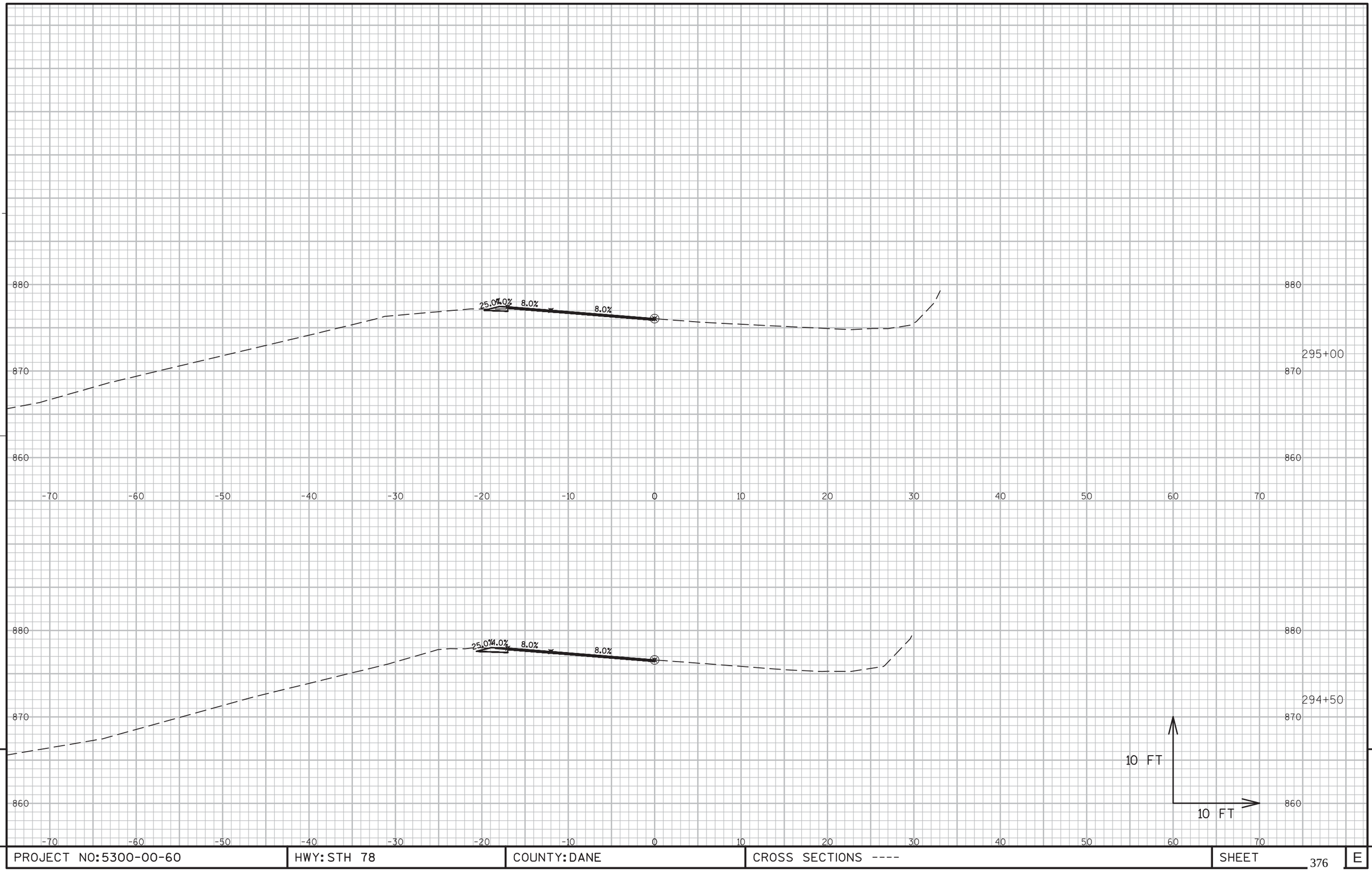


9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 375	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



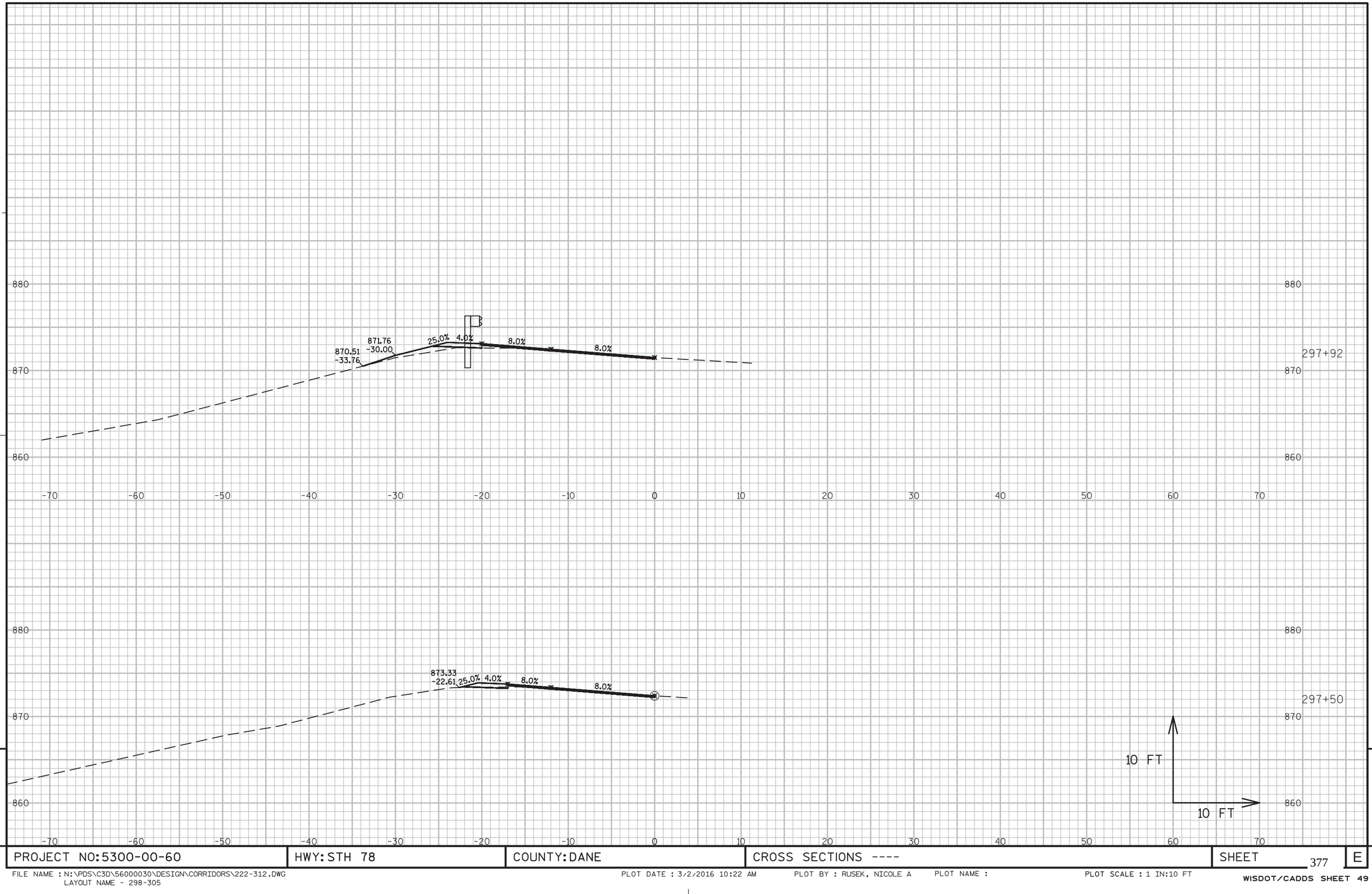
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 376	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 291-295

PLOT DATE : 3/2/2016 10:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

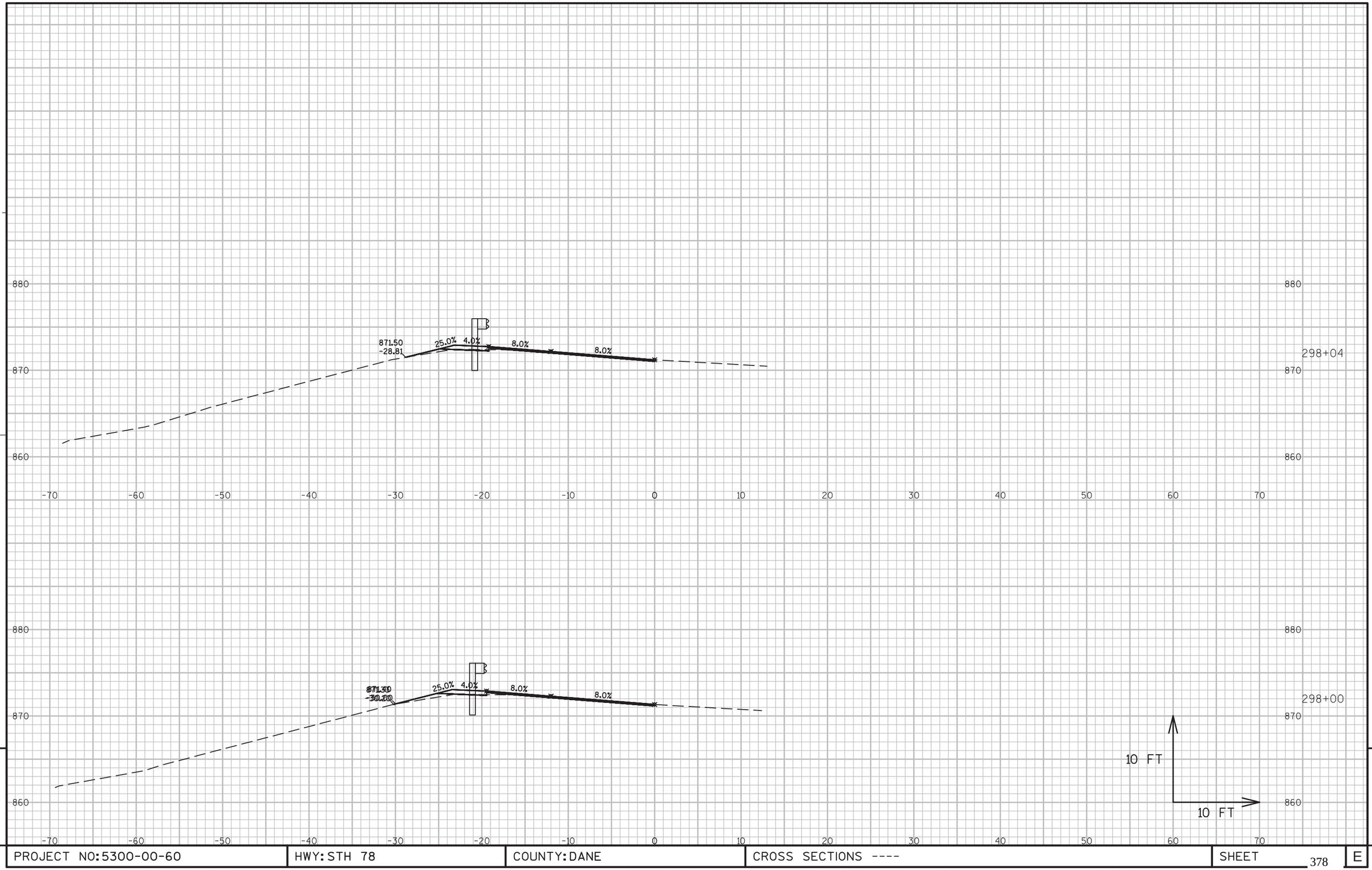
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 377	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



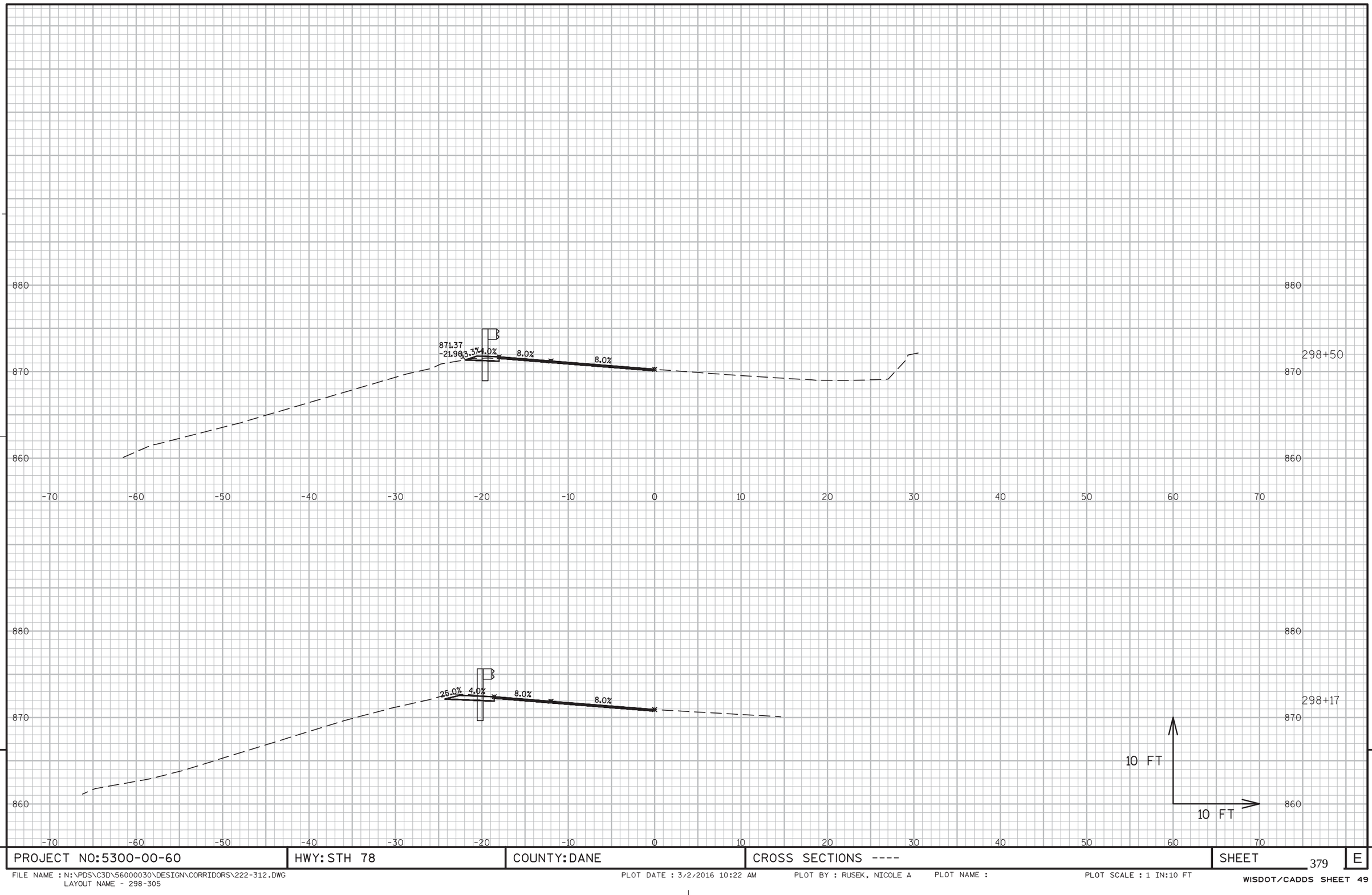
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 378	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

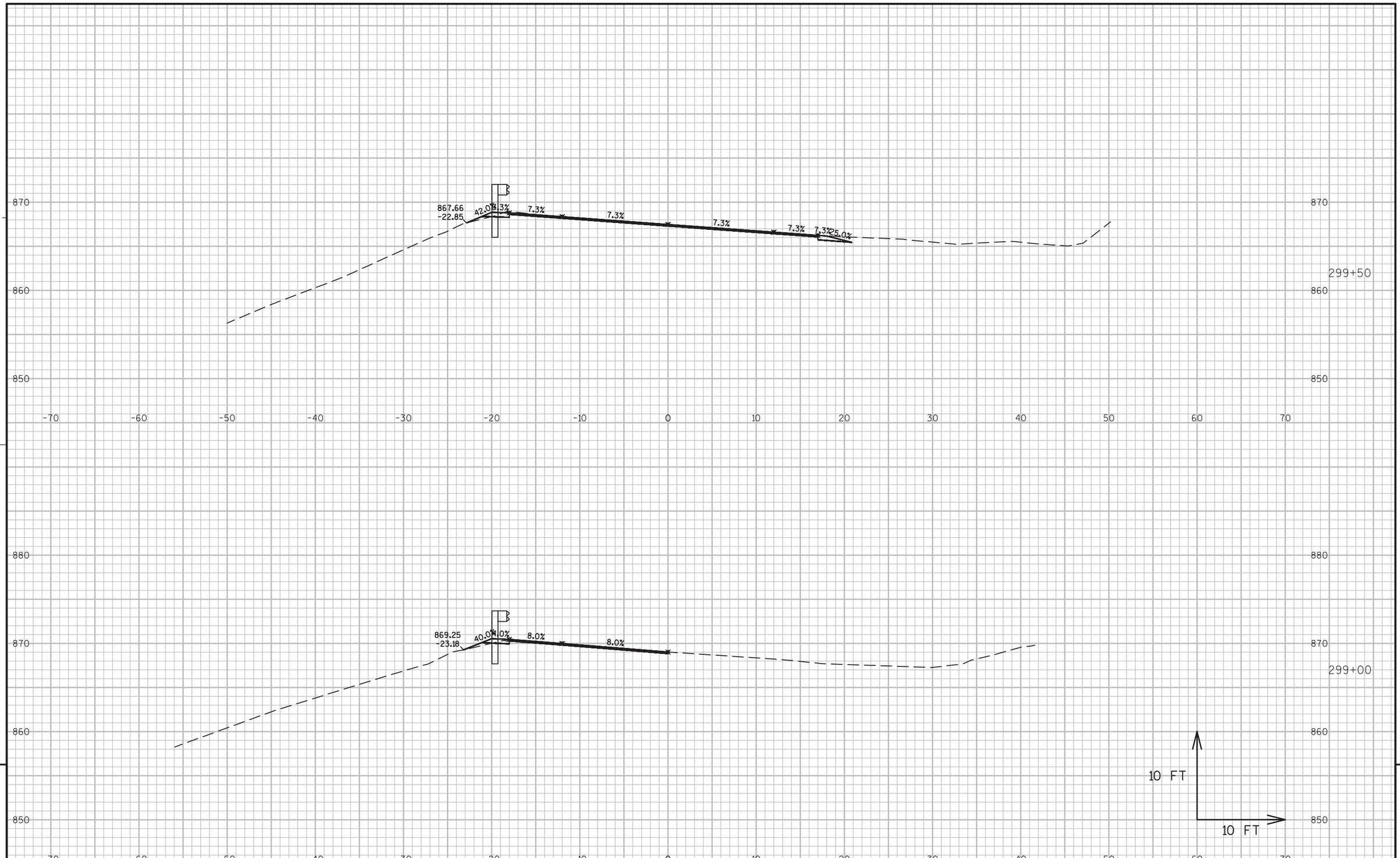
PLOT DATE : 3/2/2016 10:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 379	E

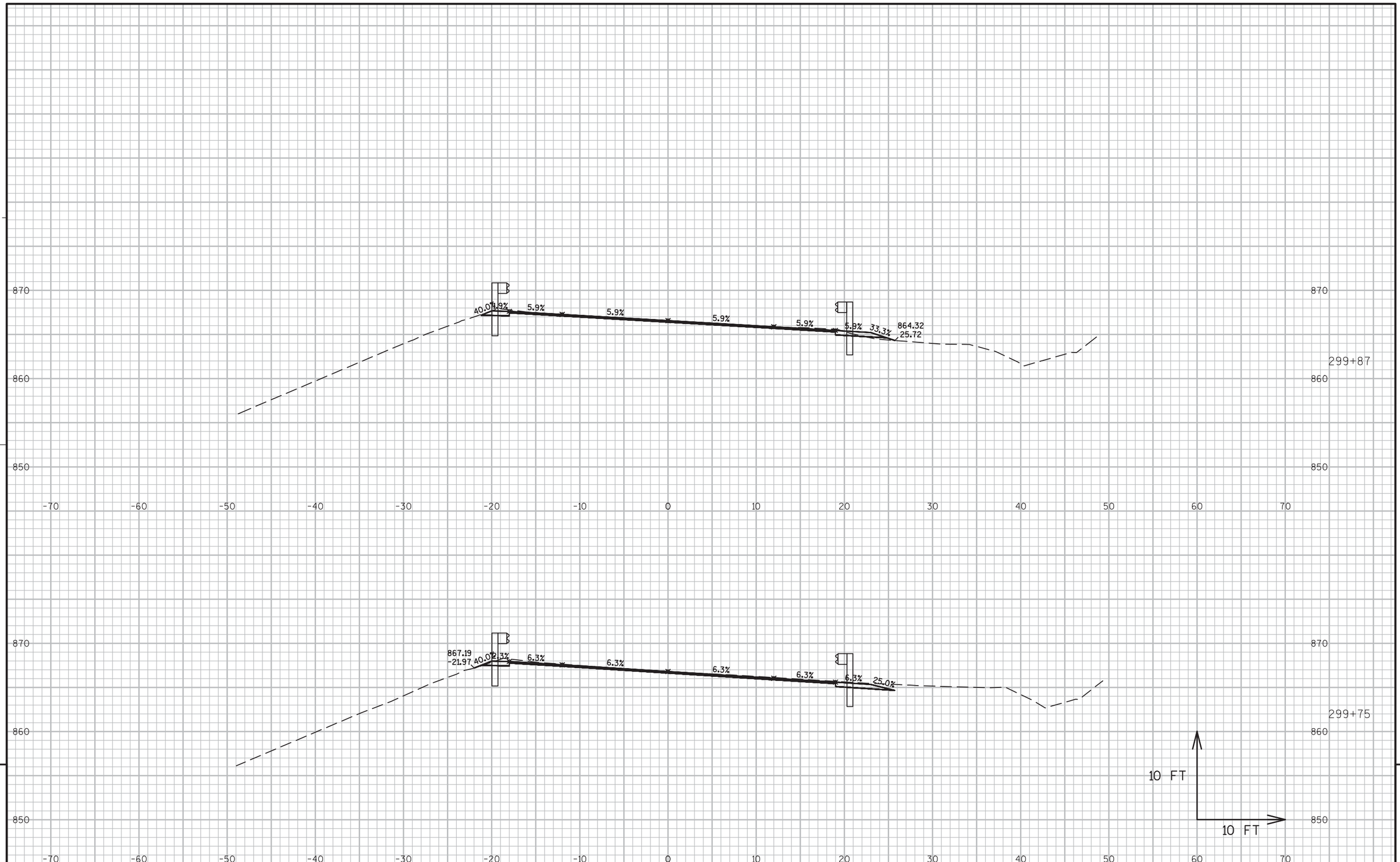


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 380	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

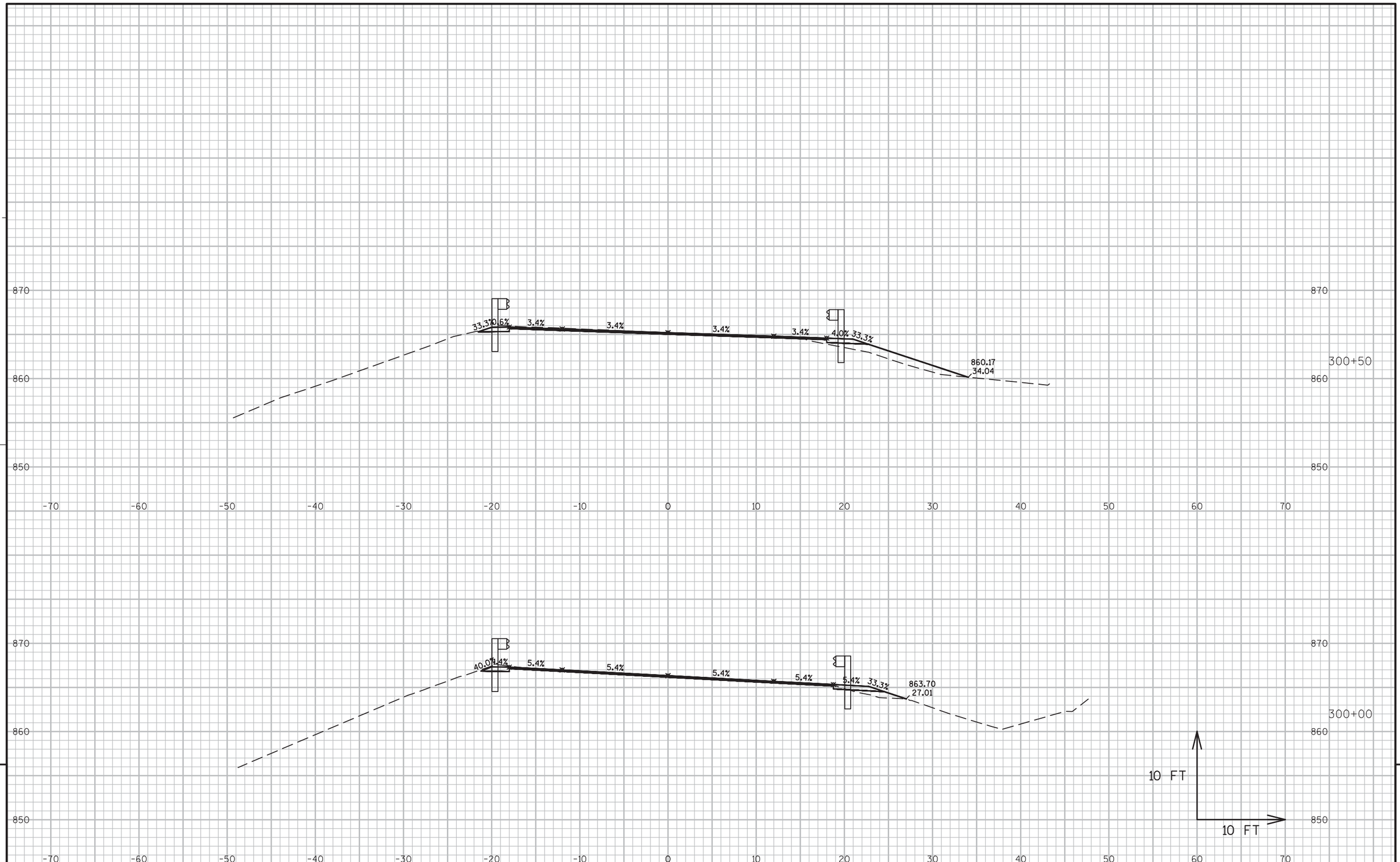
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 381	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

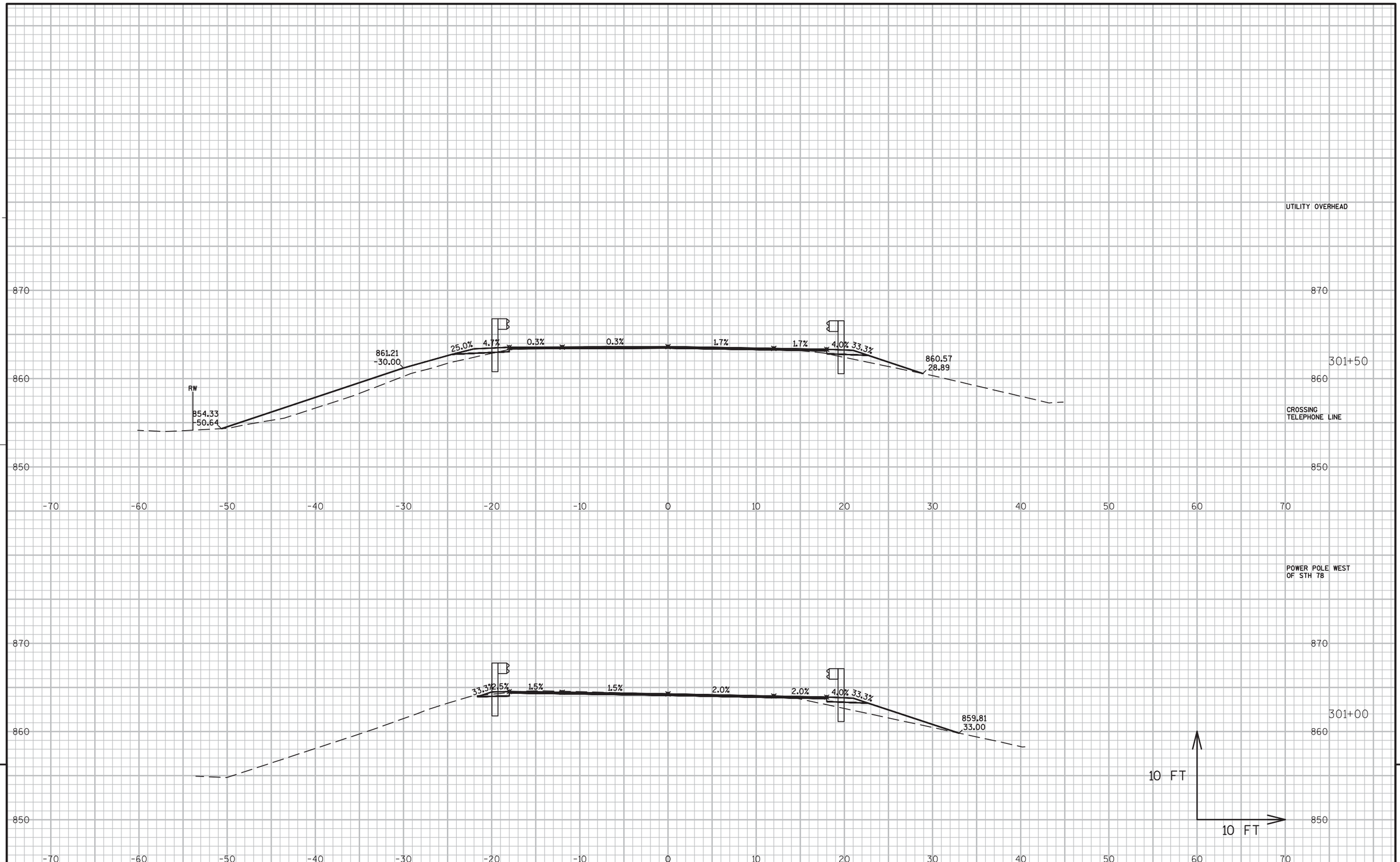
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 382	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

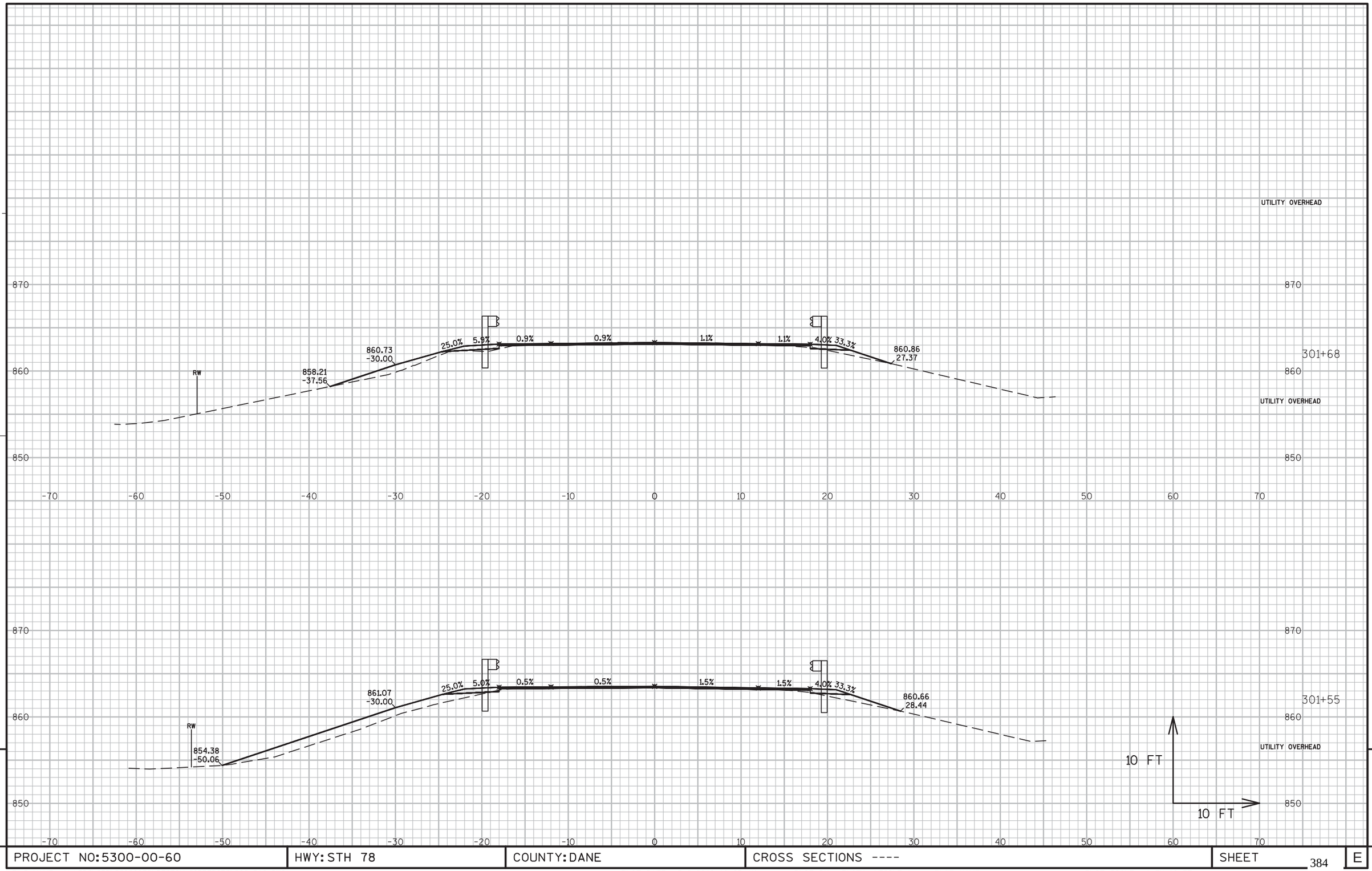
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 383	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

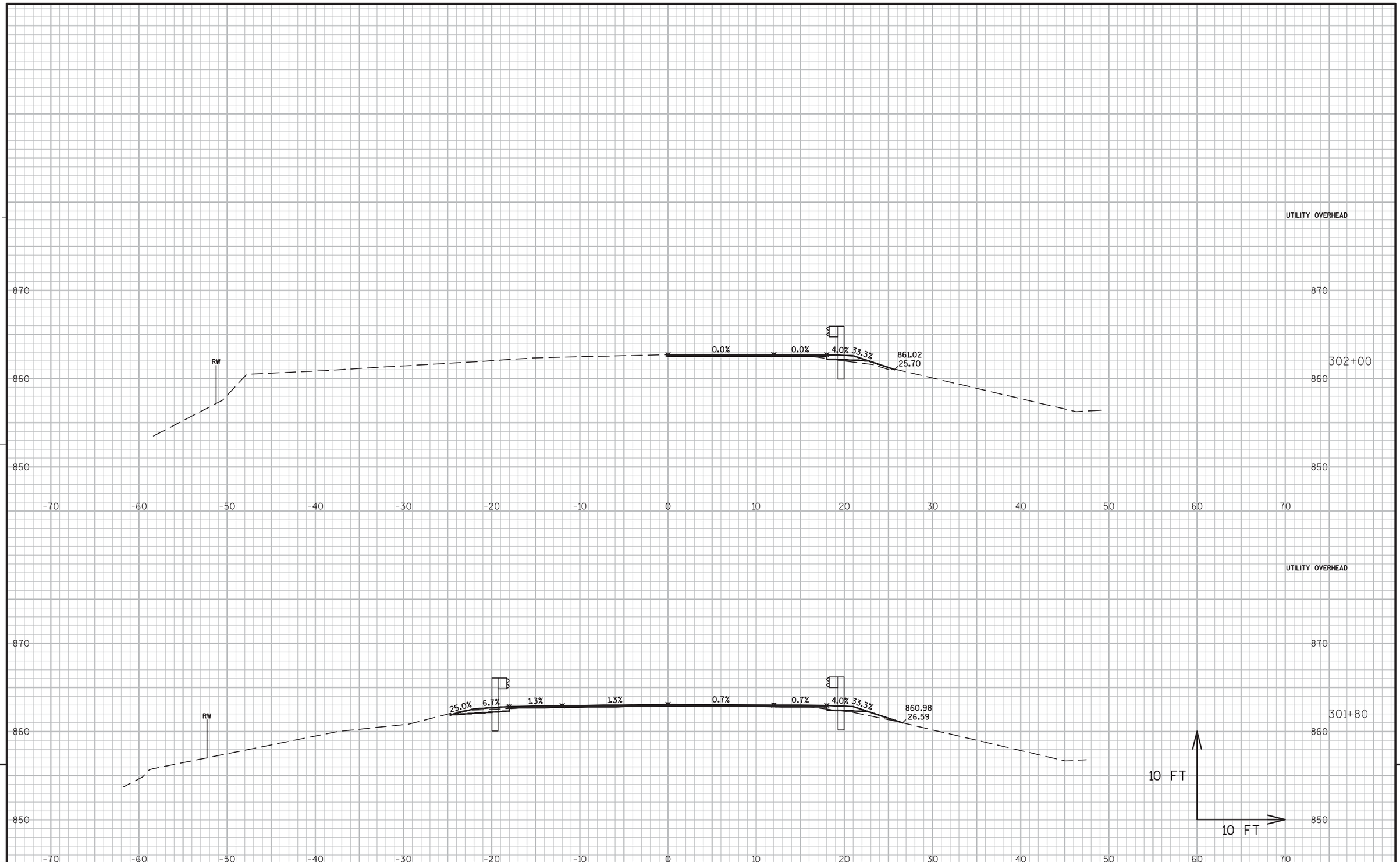
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 384	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

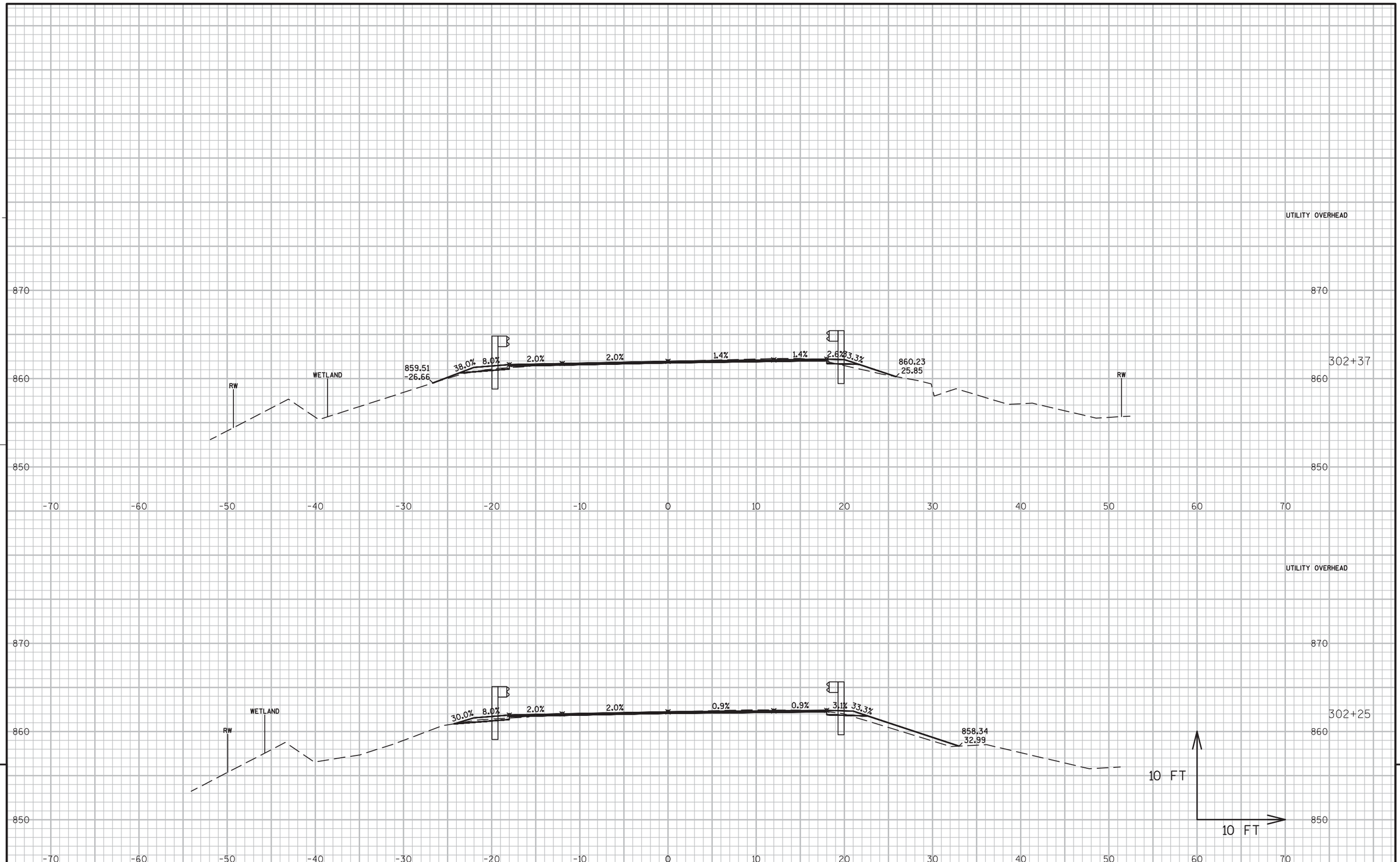
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 385	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

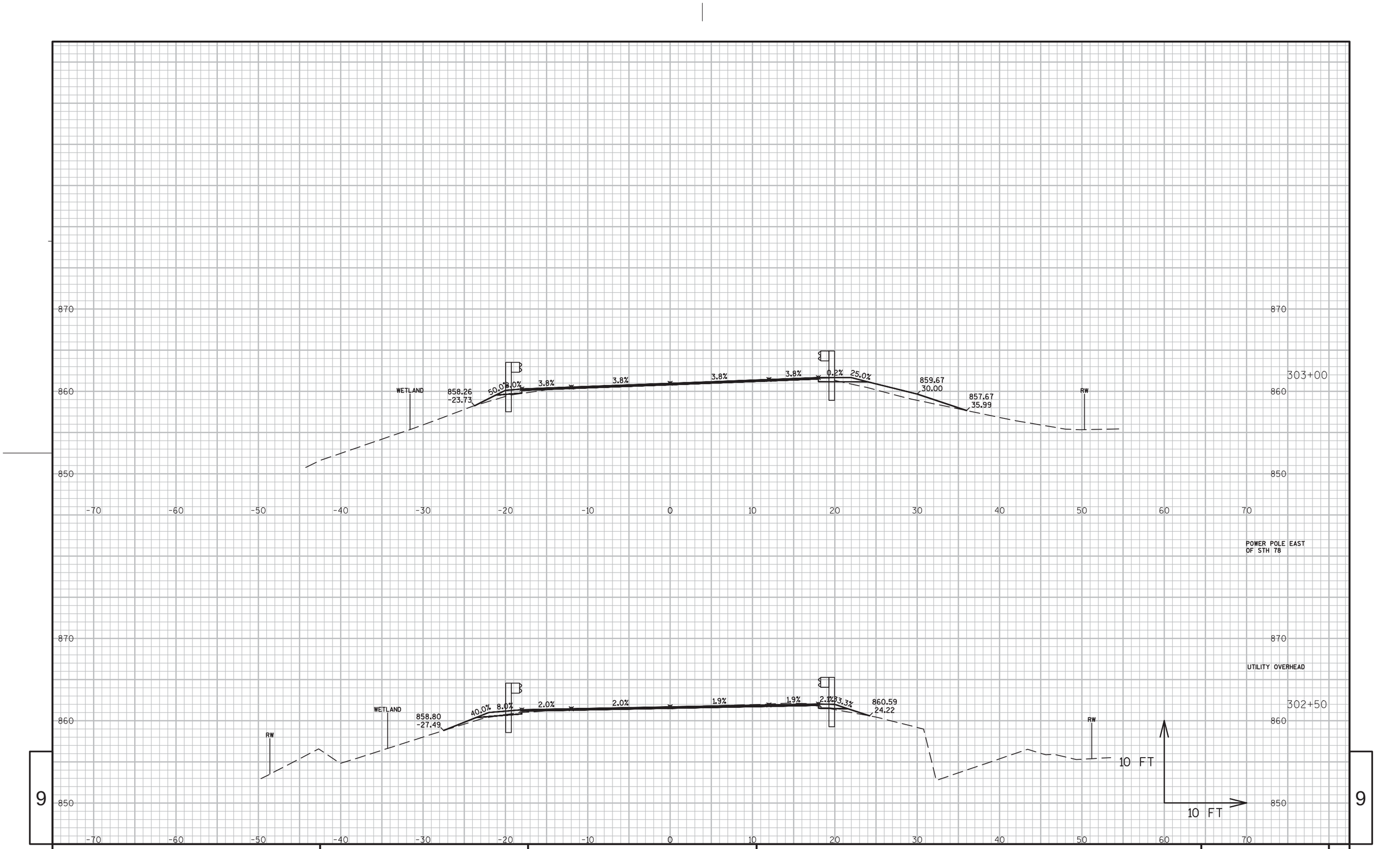


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 386	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

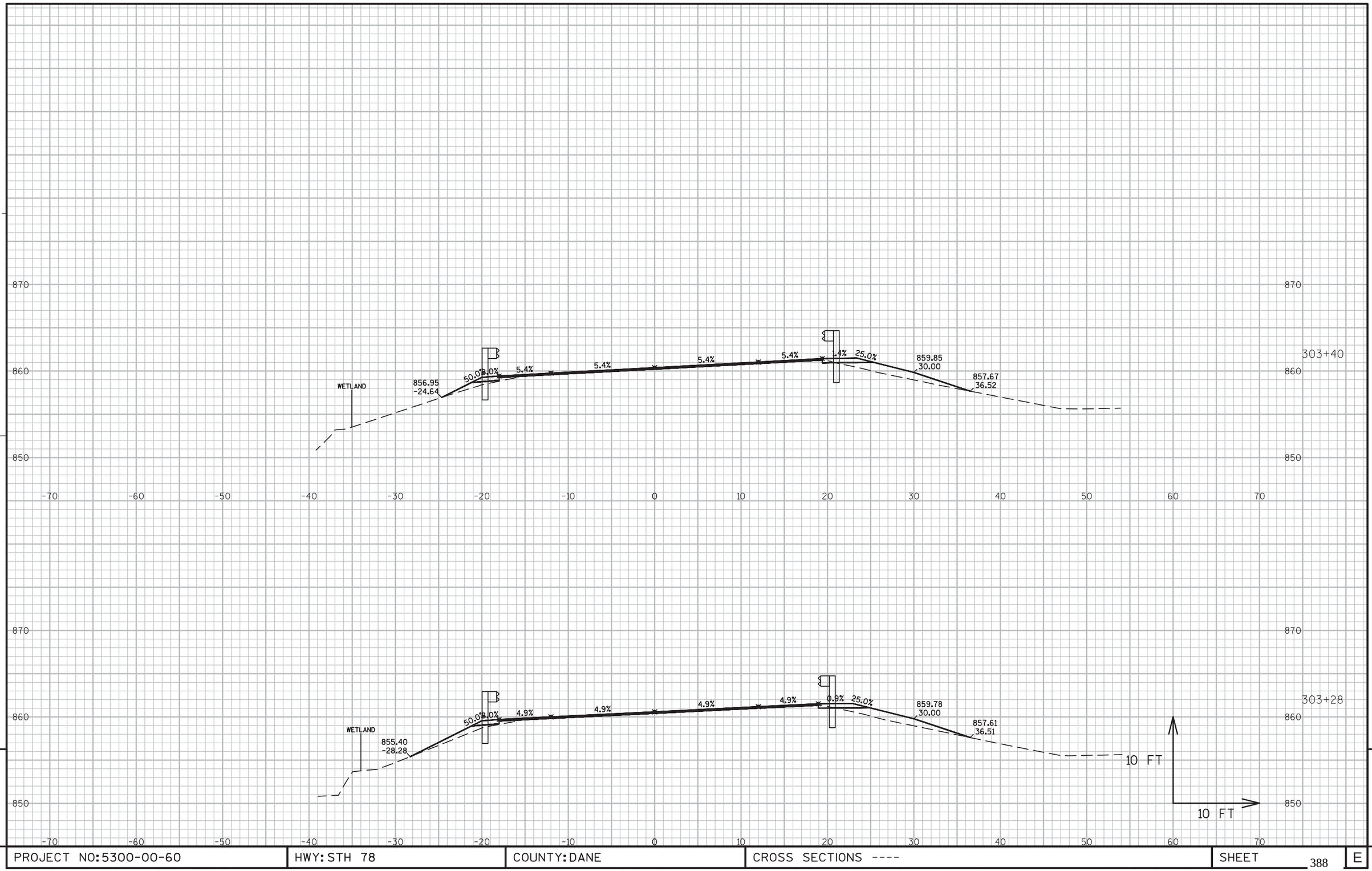


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 387	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

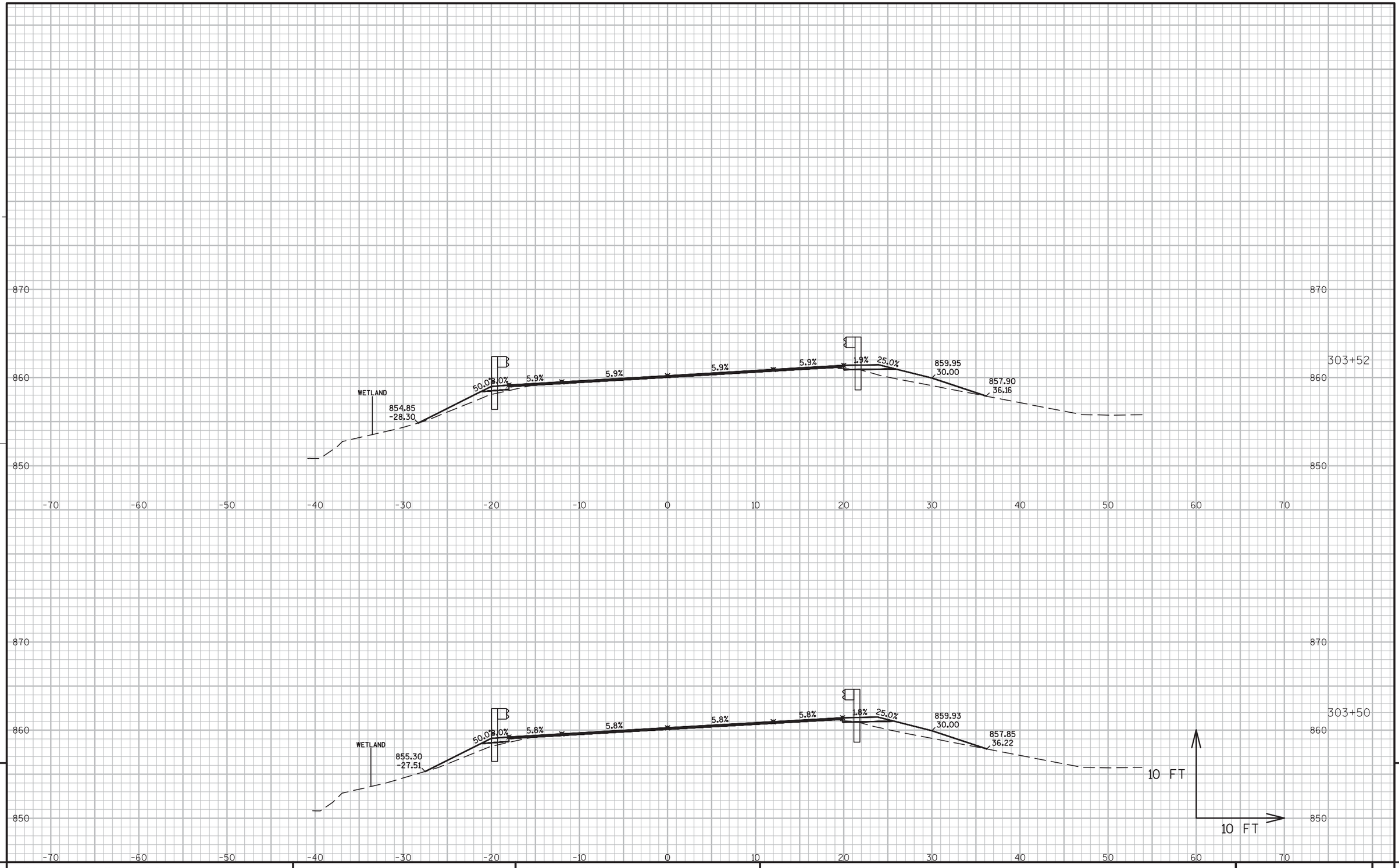
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 388	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

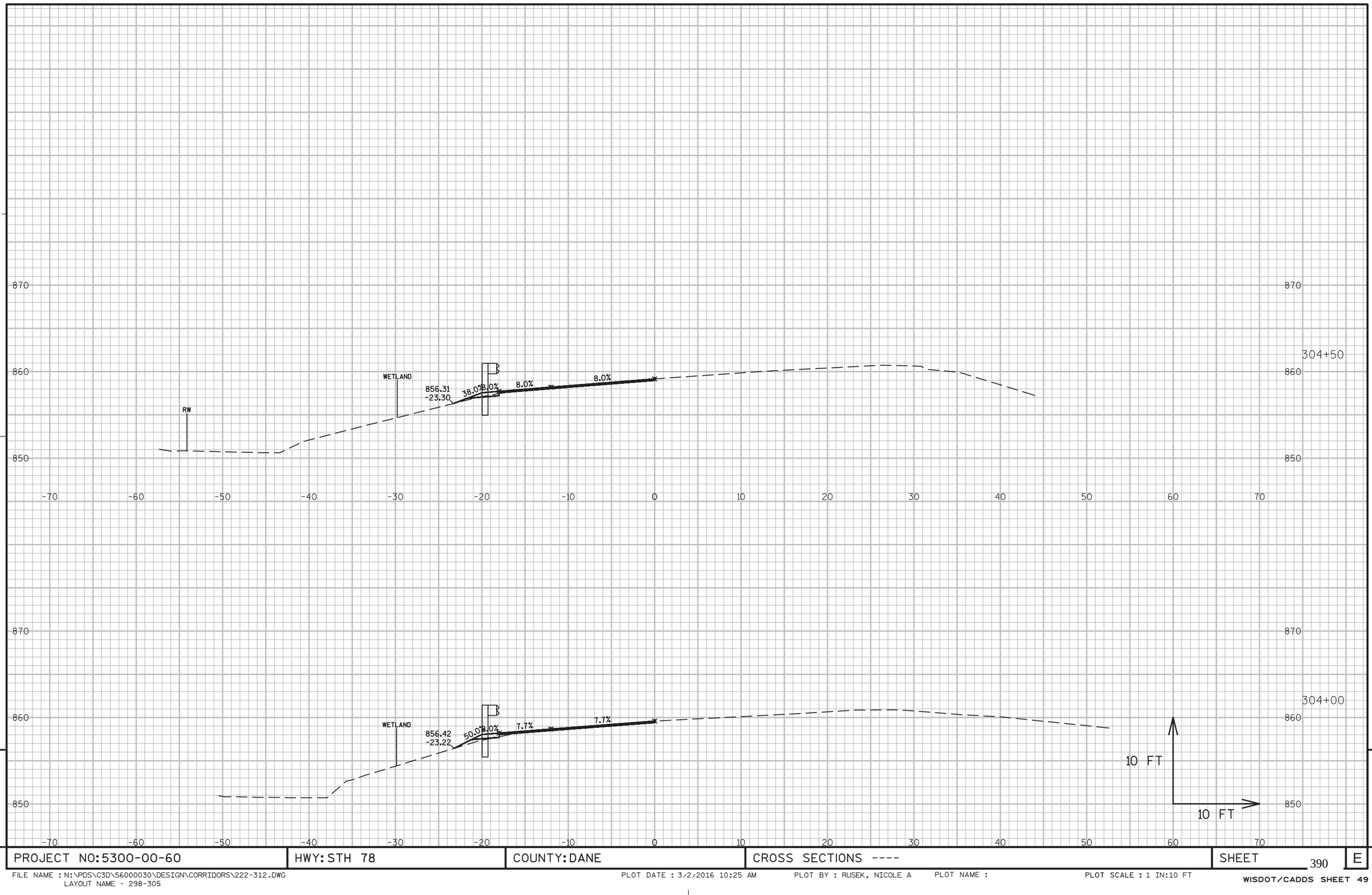


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 389	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:25 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

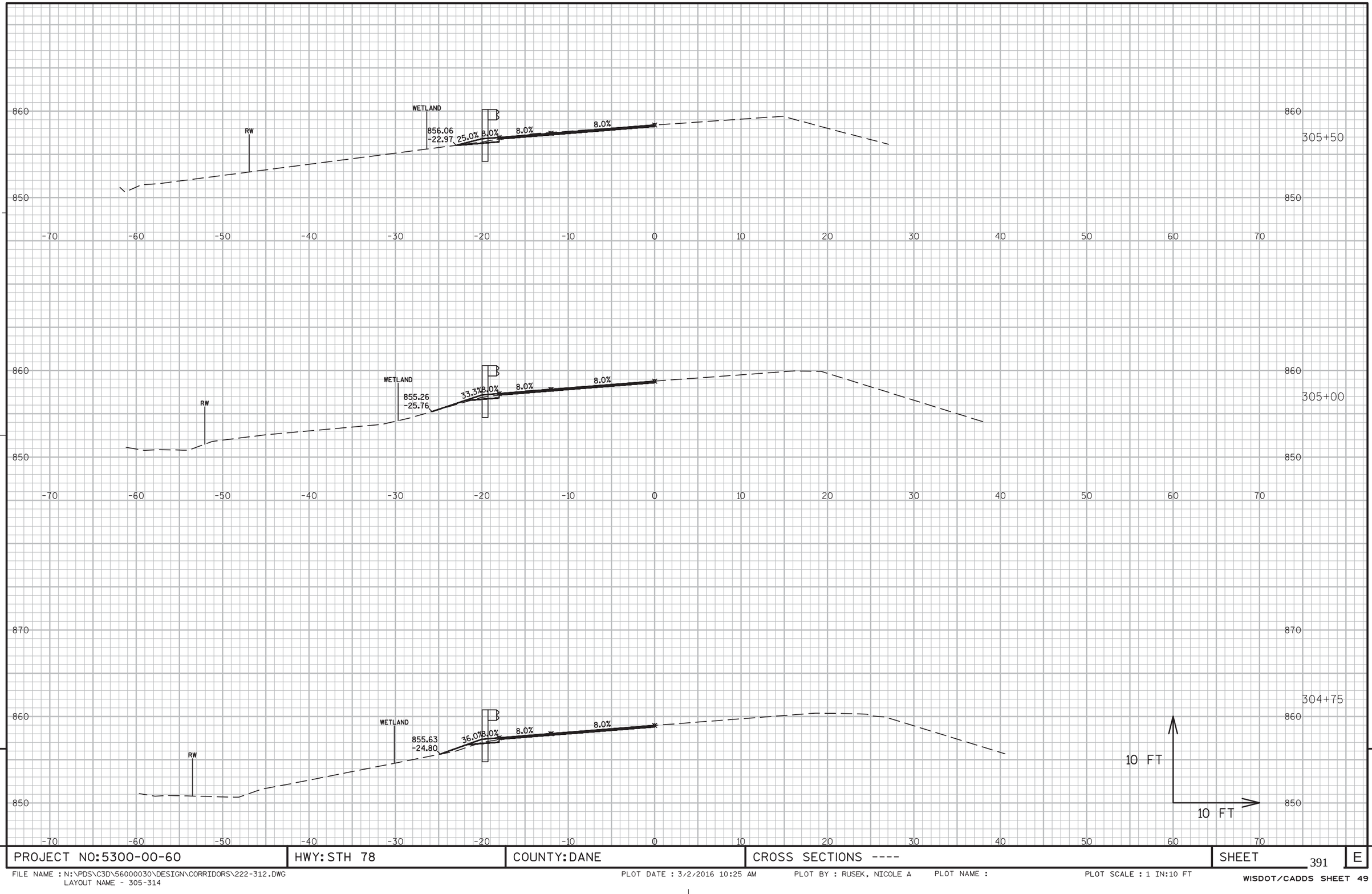
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 390	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 298-305

PLOT DATE : 3/2/2016 10:25 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

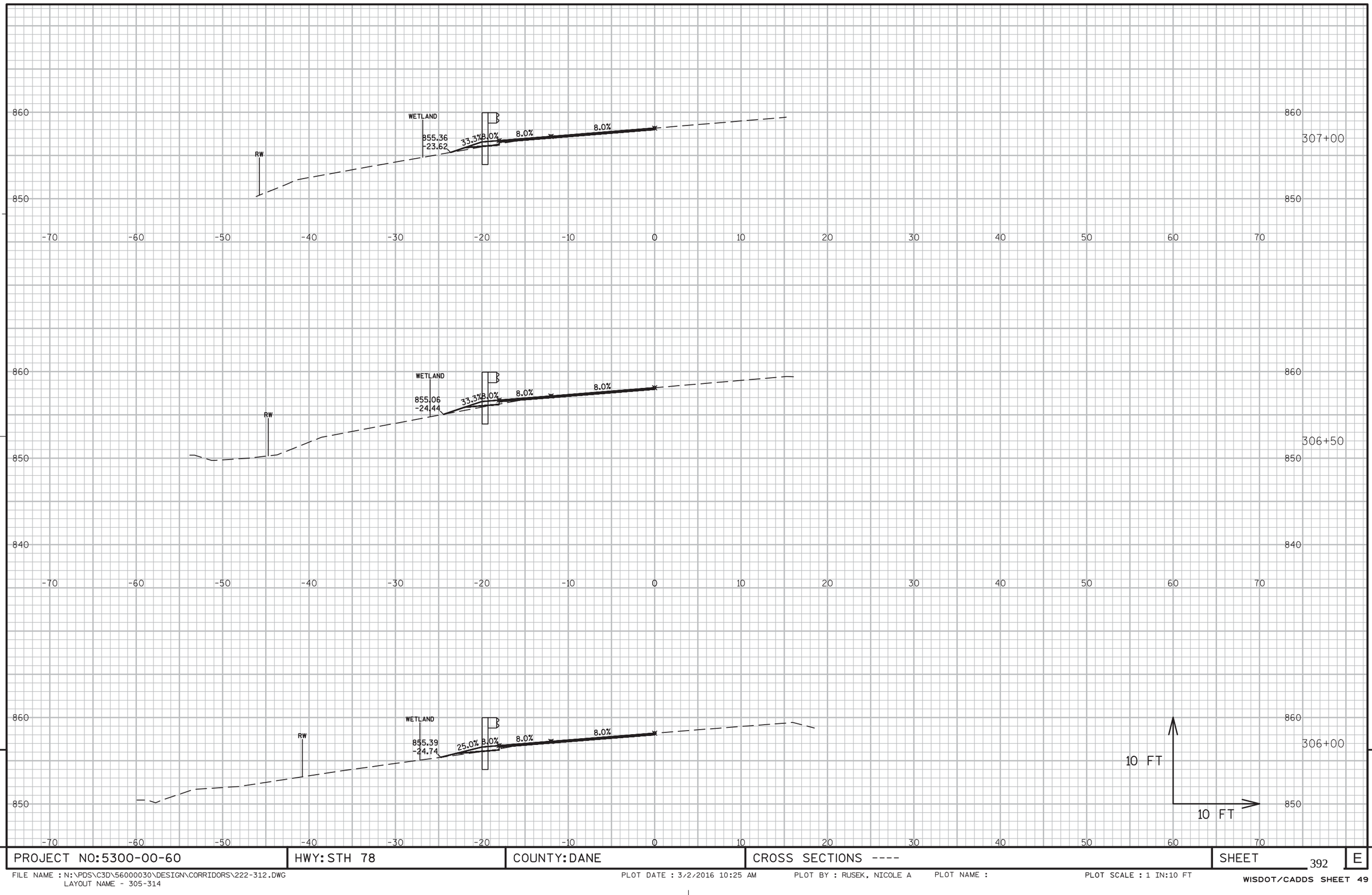
WISDOT/CADDS SHEET 49



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 391	E



9

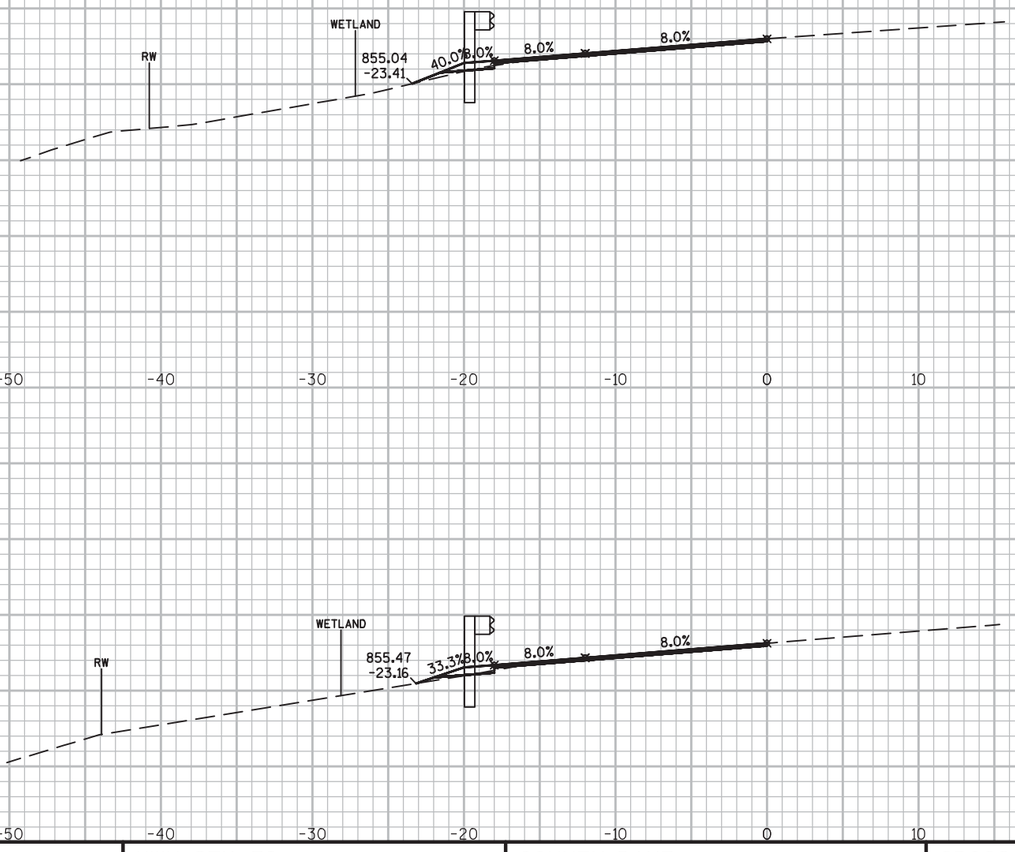
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 392	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:25 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

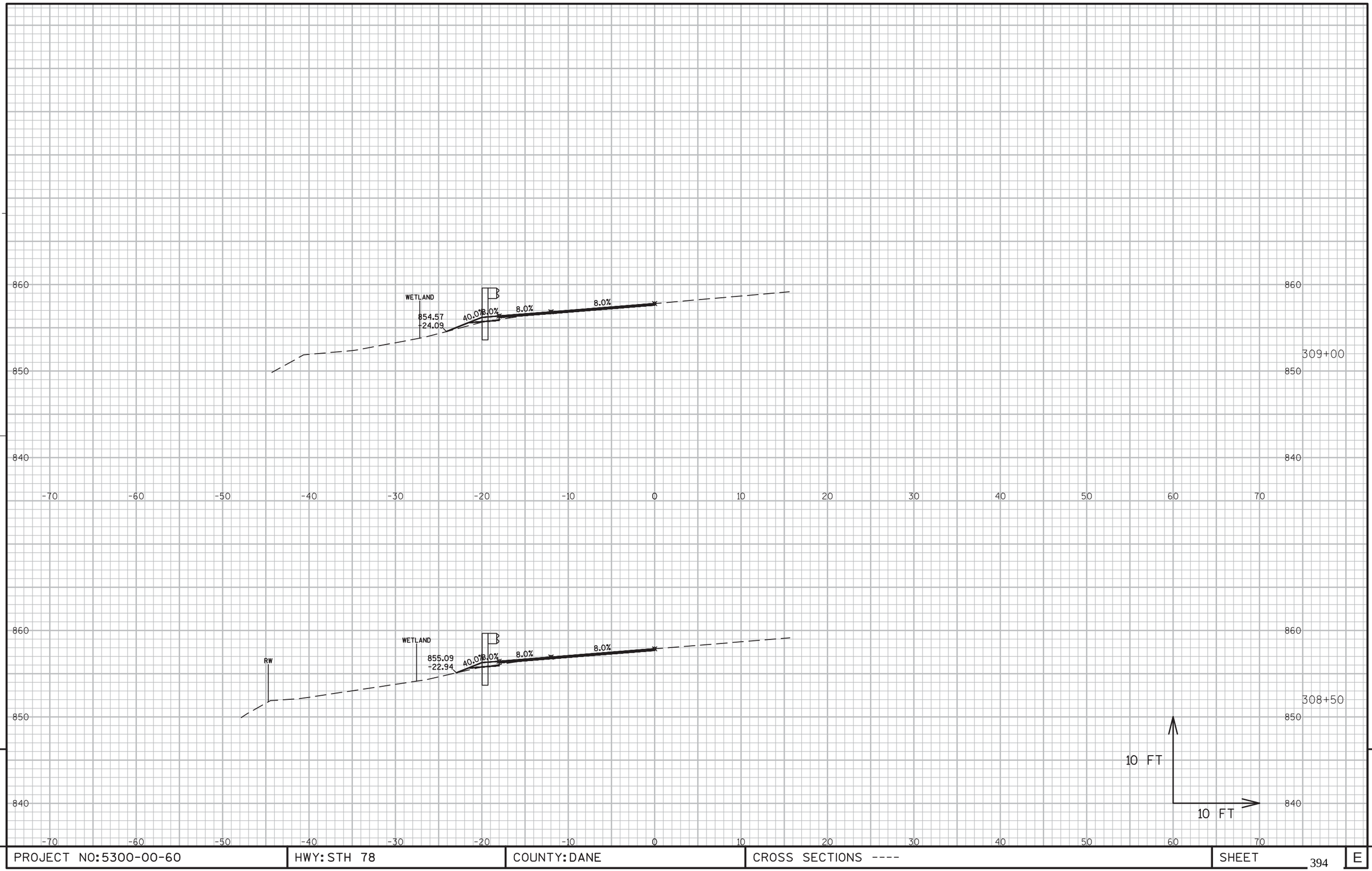


9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 393	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:25 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

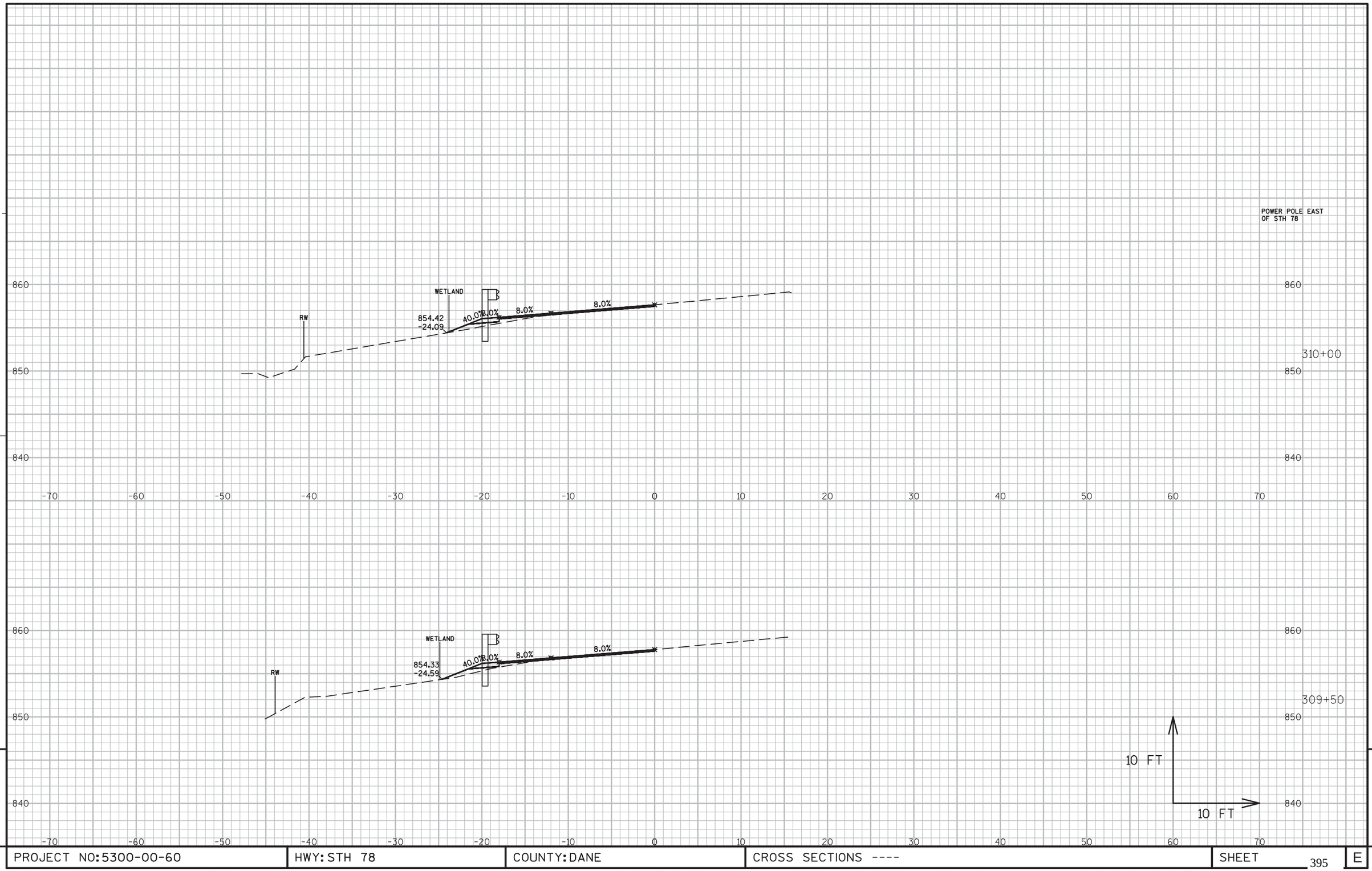


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 394	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:26 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

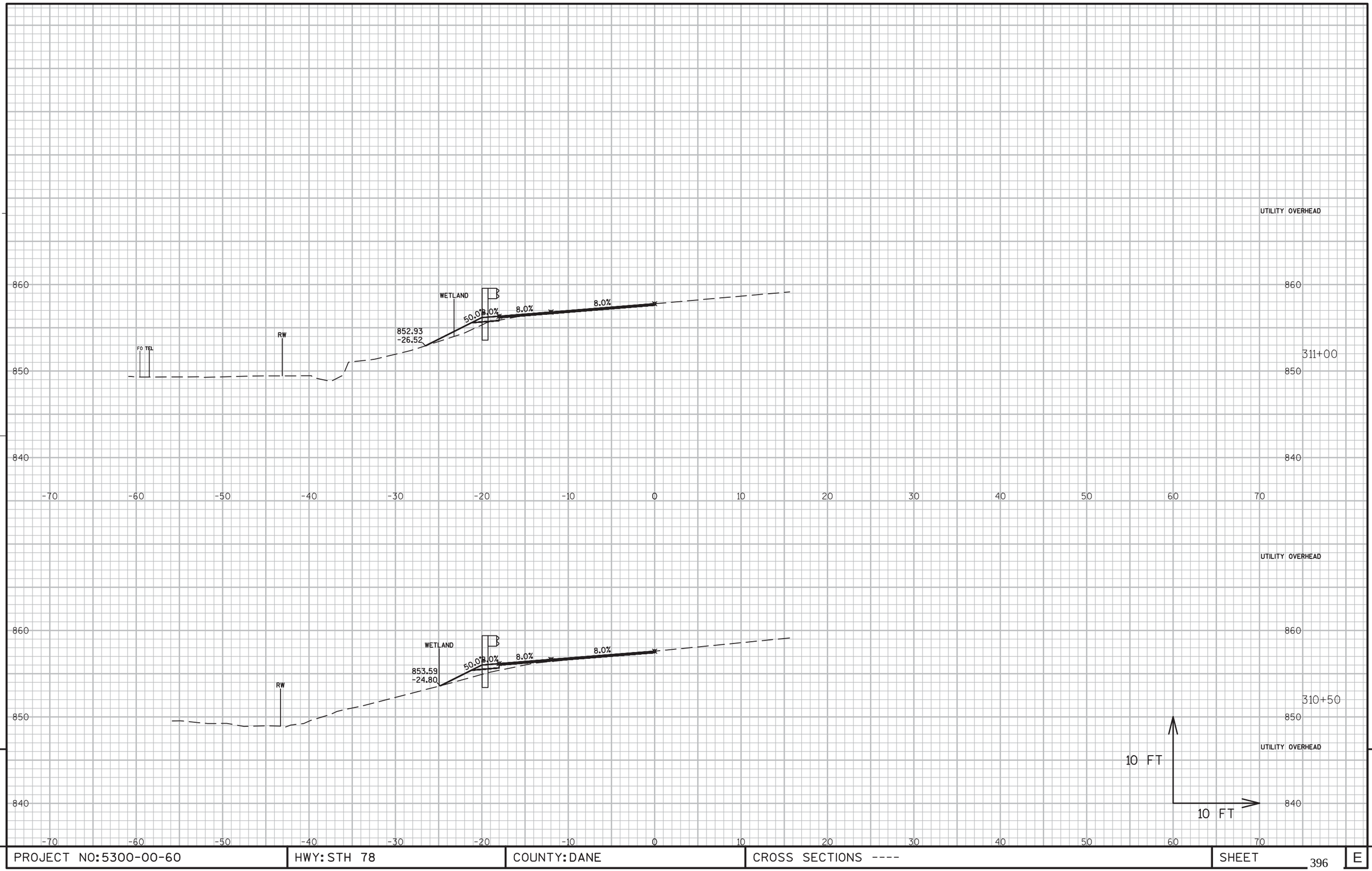
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 395	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:26 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

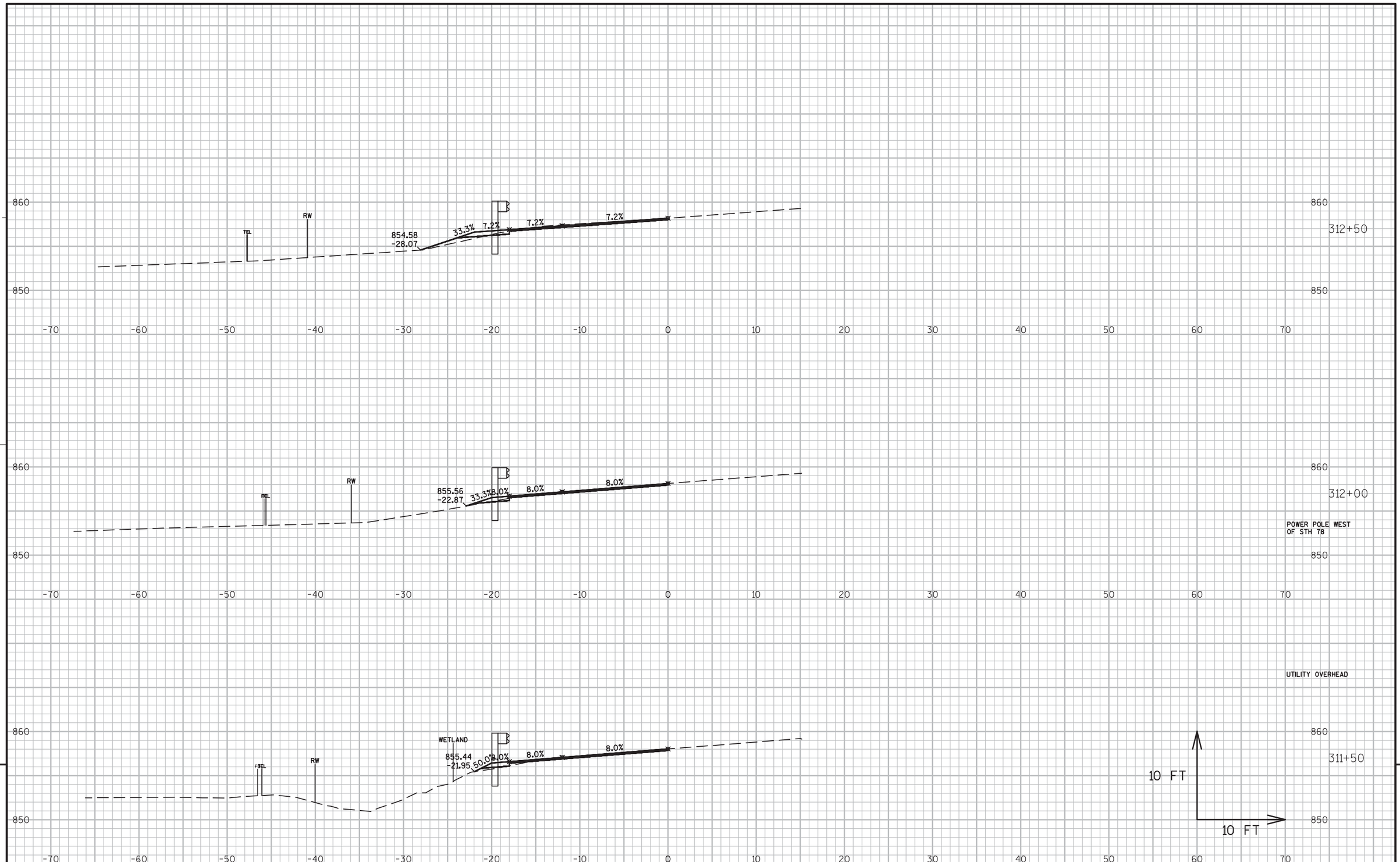


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 396	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:26 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



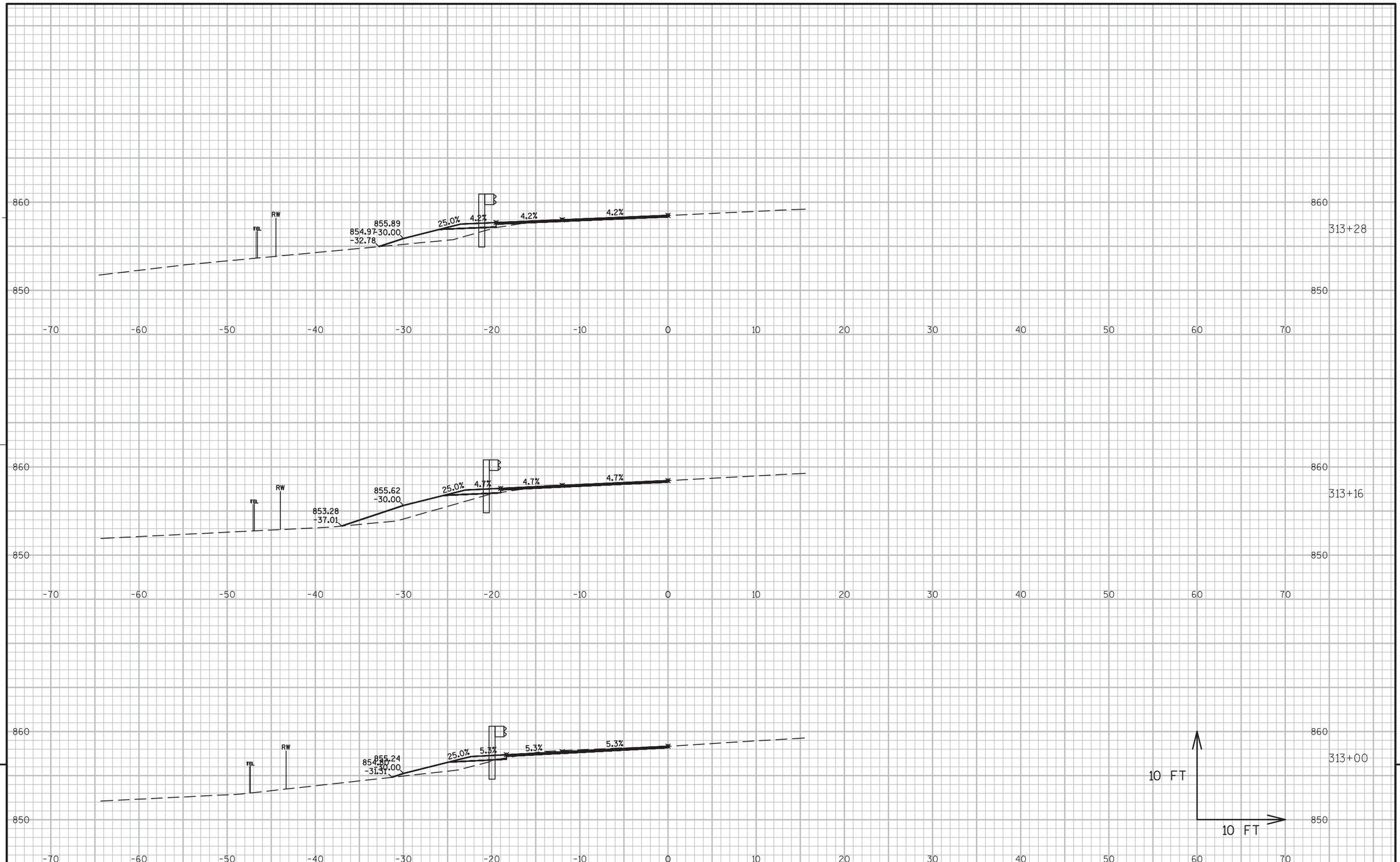
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 397	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:26 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



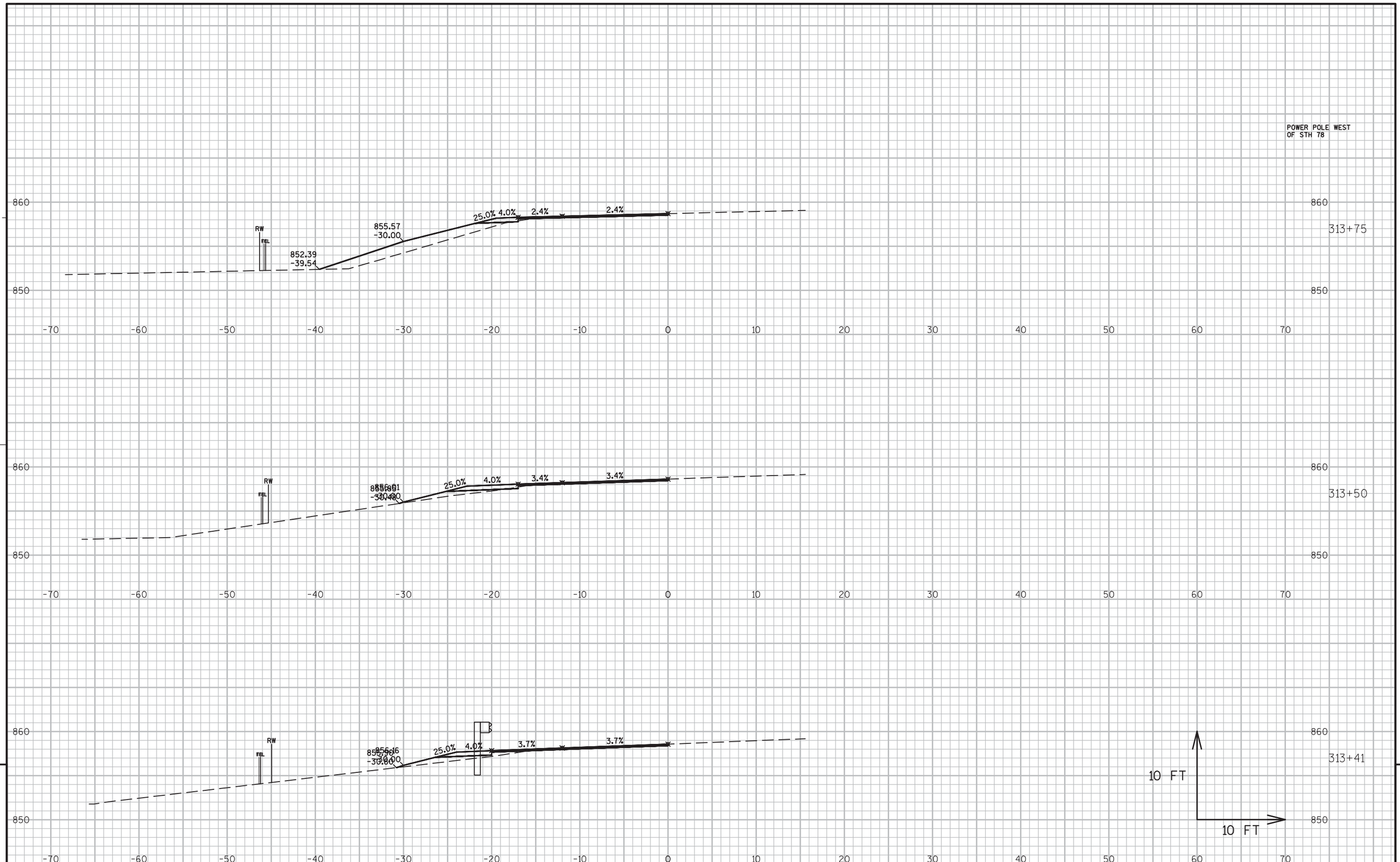
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 398	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:26 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

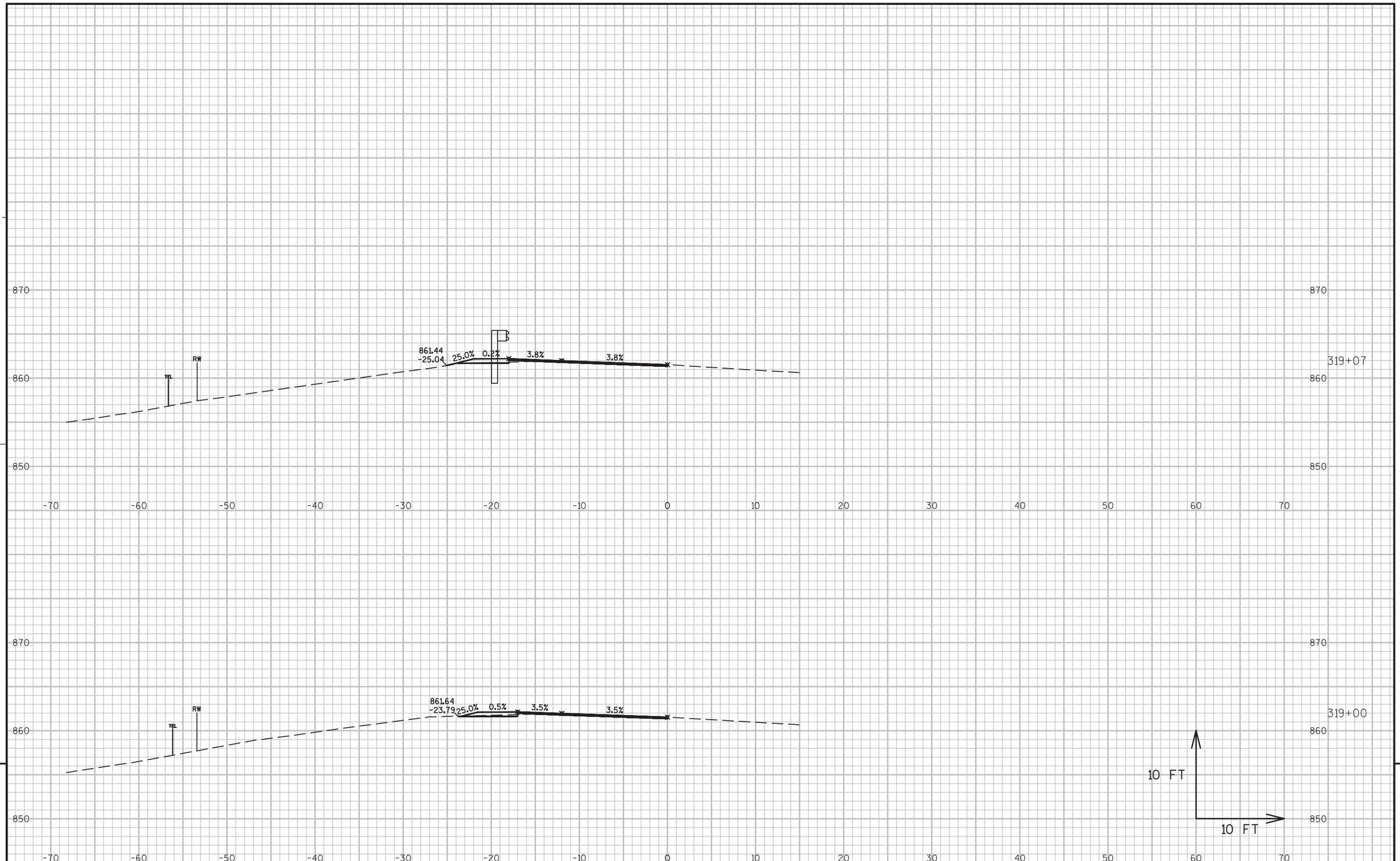


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 399	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\222-312.DWG
LAYOUT NAME - 305-314

PLOT DATE : 3/2/2016 10:27 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

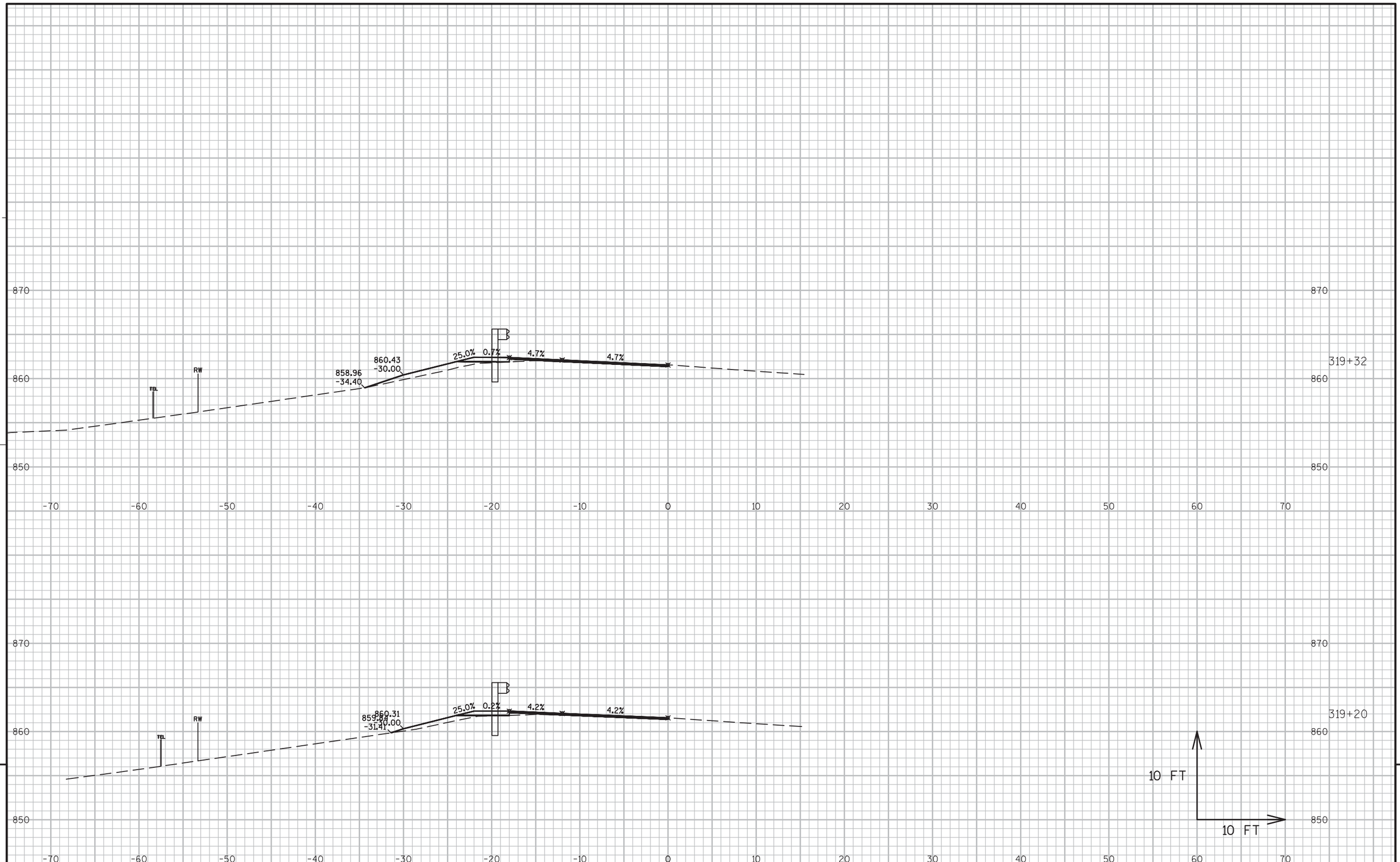


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 400	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 319-323

PLOT DATE : 3/2/2016 10:49 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

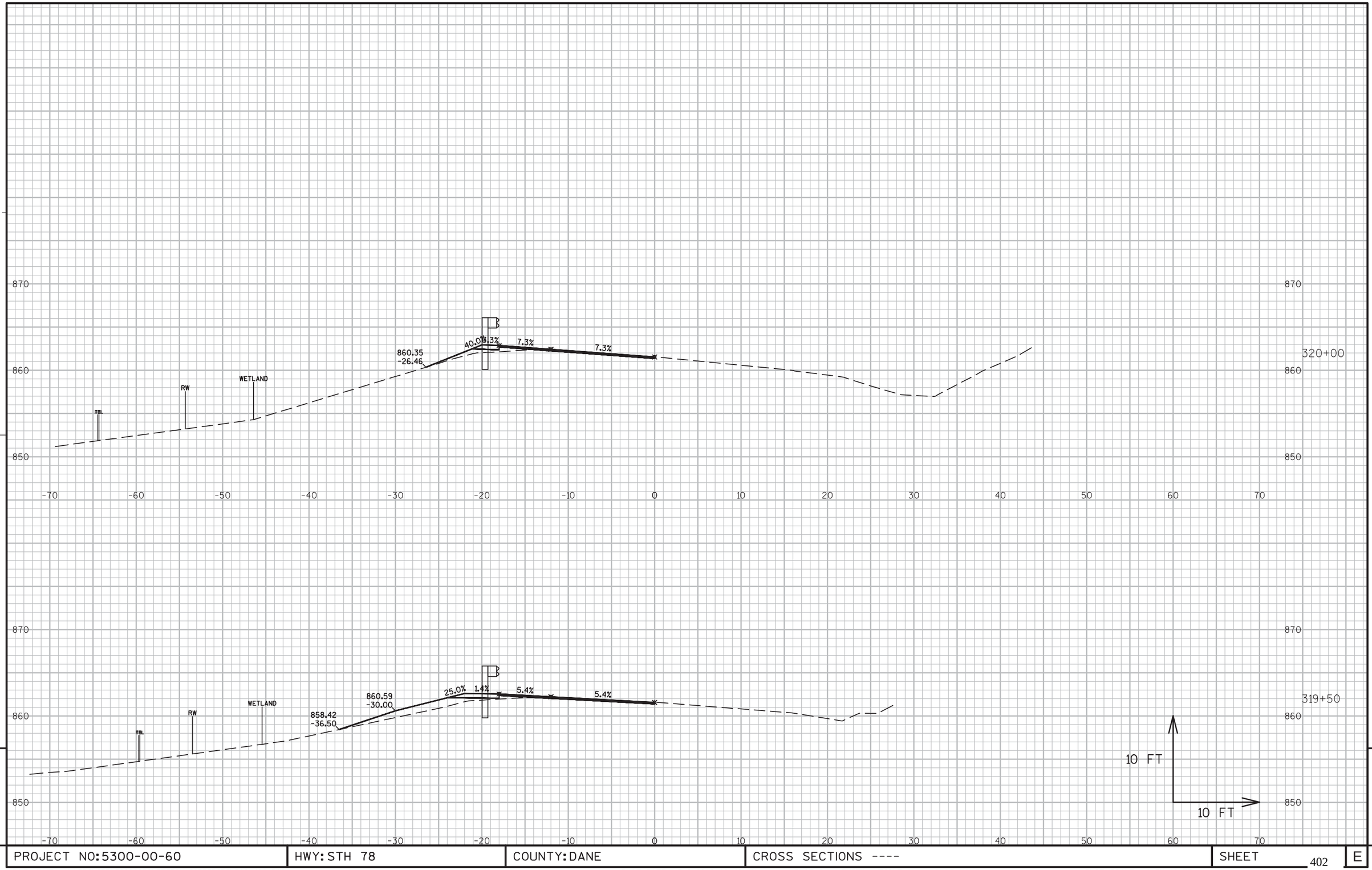


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 401	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 319-323

PLOT DATE : 3/2/2016 10:49 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

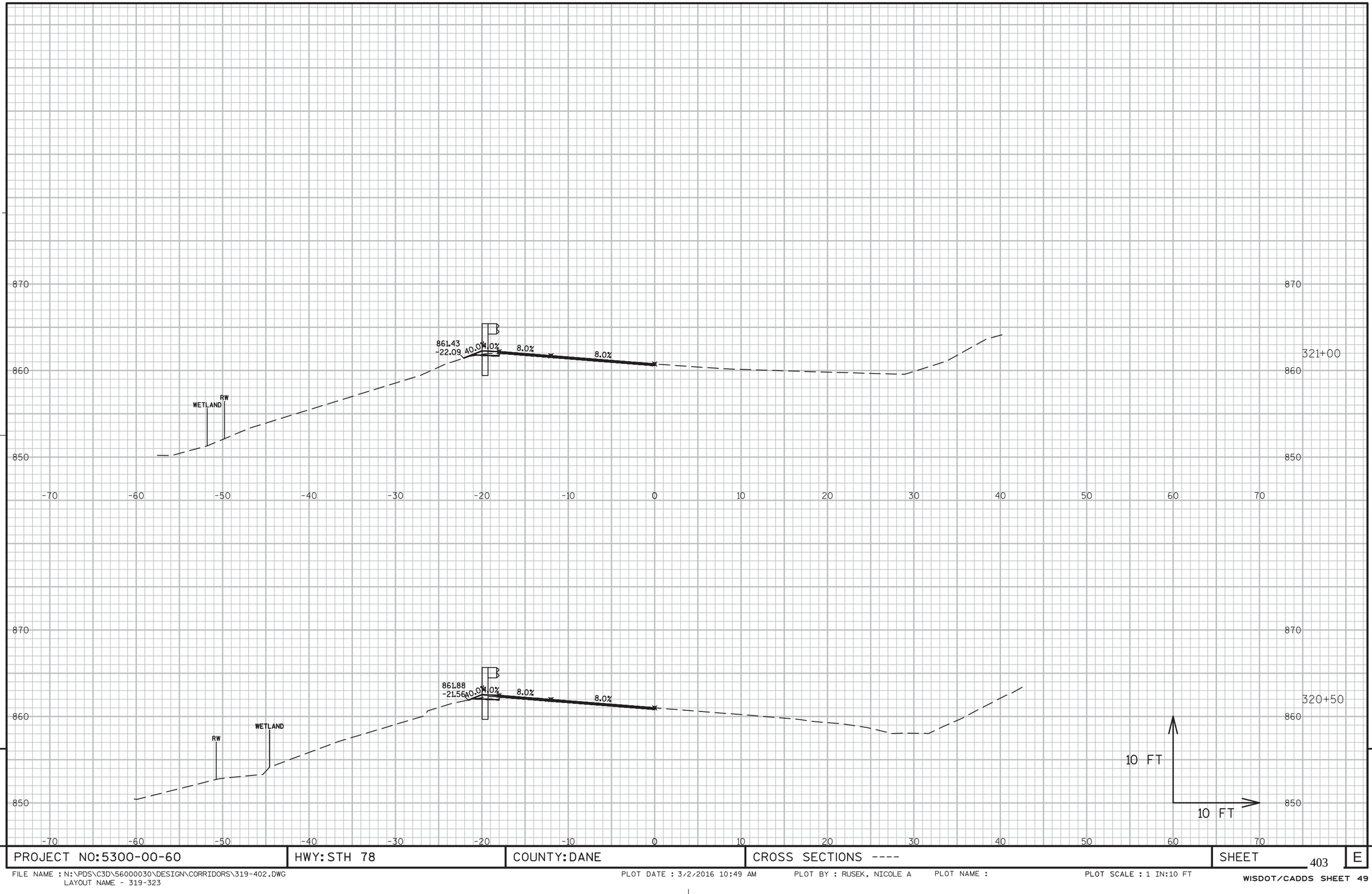


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 402	E

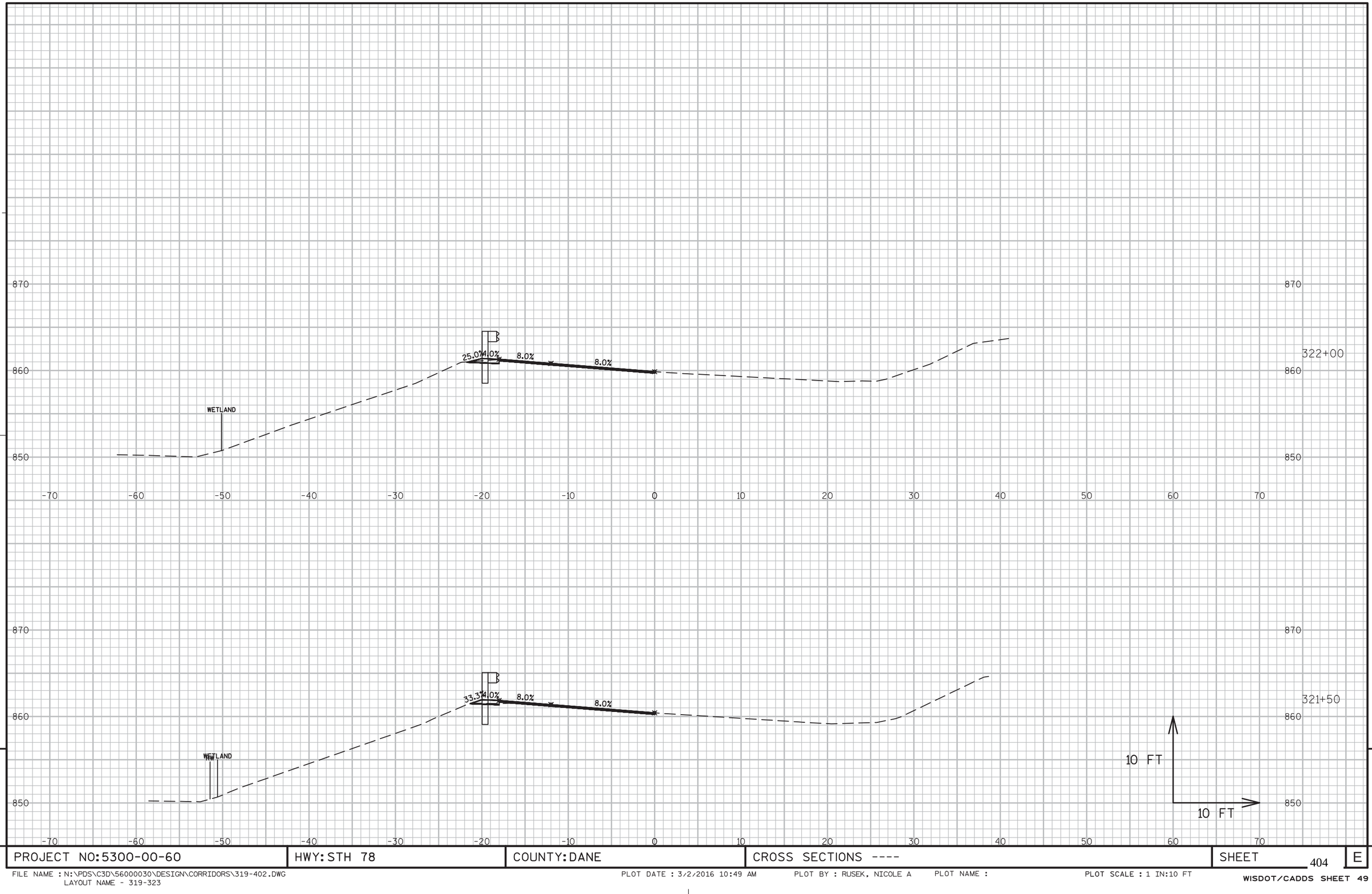
FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 319-323

PLOT DATE : 3/2/2016 10:49 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY:STH 78	COUNTY:DANE	CROSS SECTIONS ----	SHEET 403	E



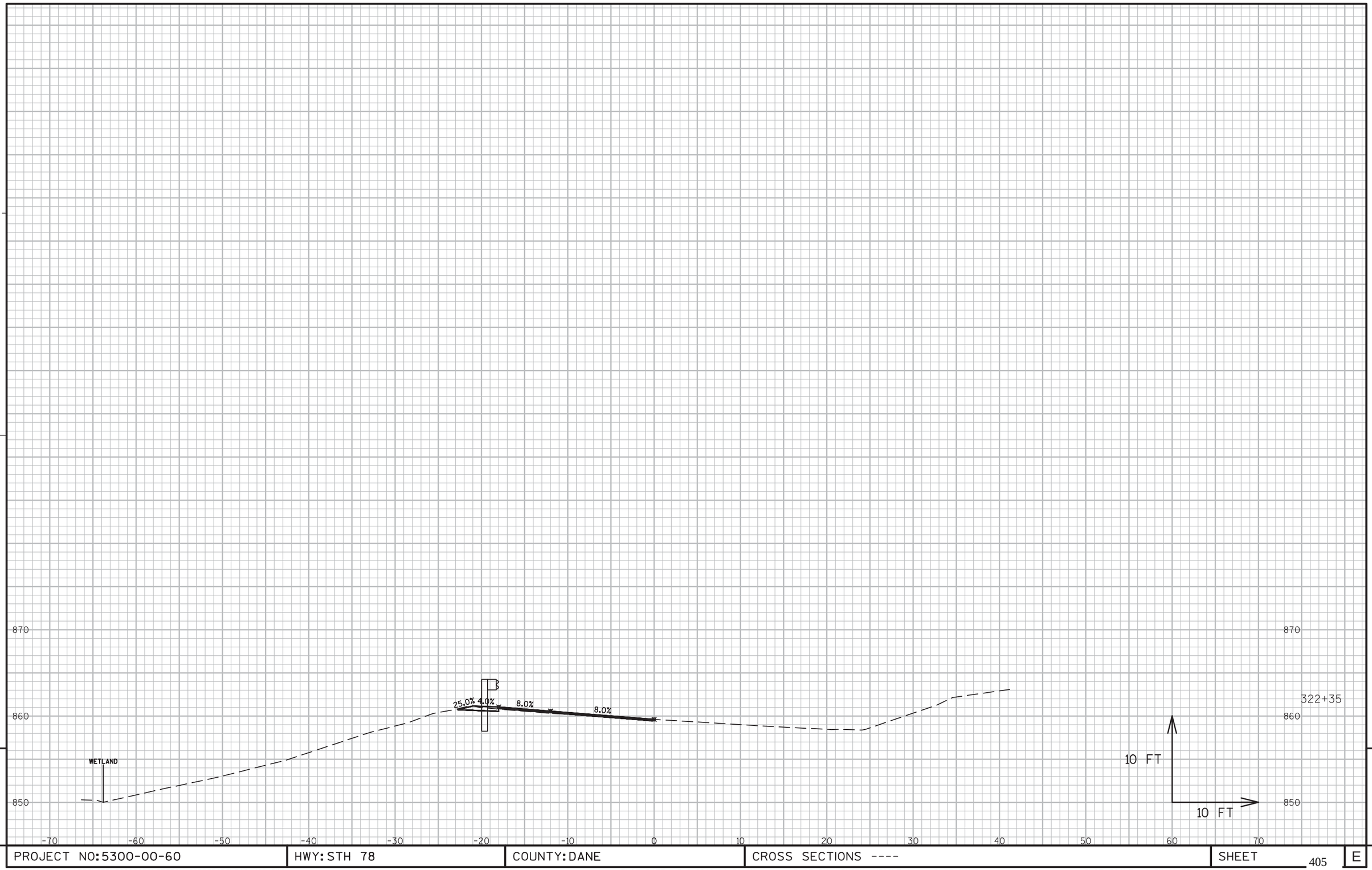
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 404	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 319-323

PLOT DATE : 3/2/2016 10:49 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



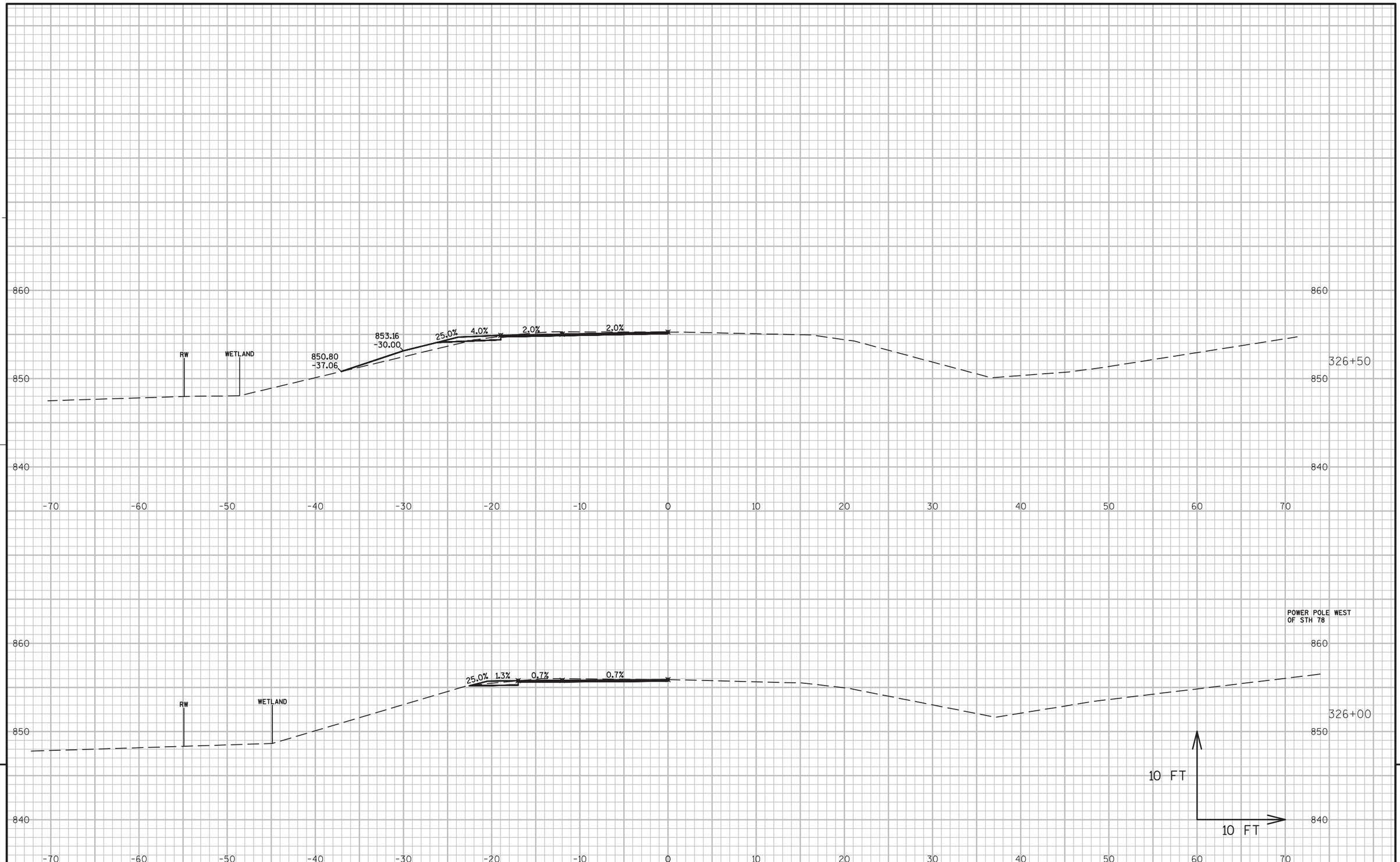
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 405	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 319-323

PLOT DATE : 3/2/2016 10:50 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

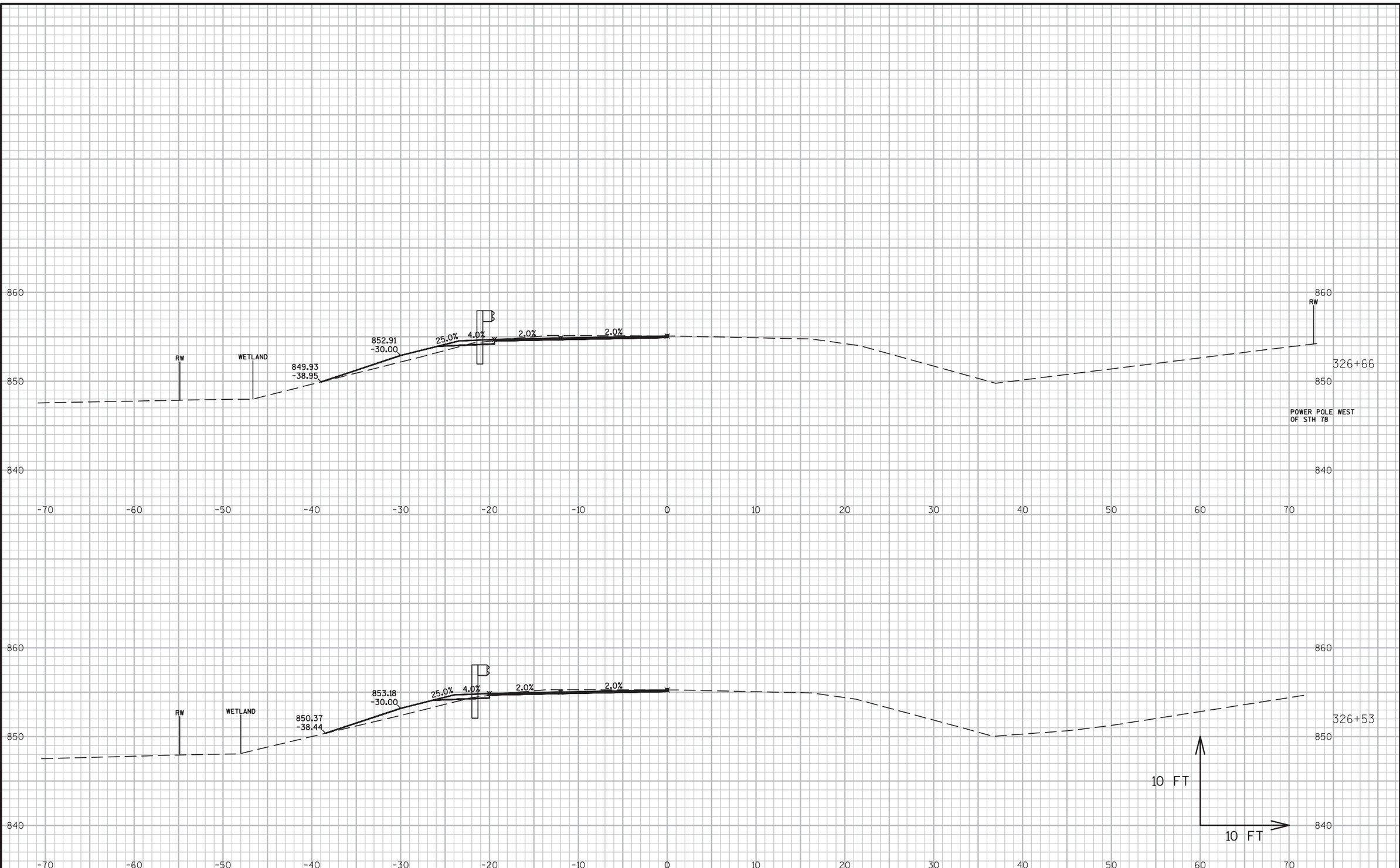


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 406	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:50 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



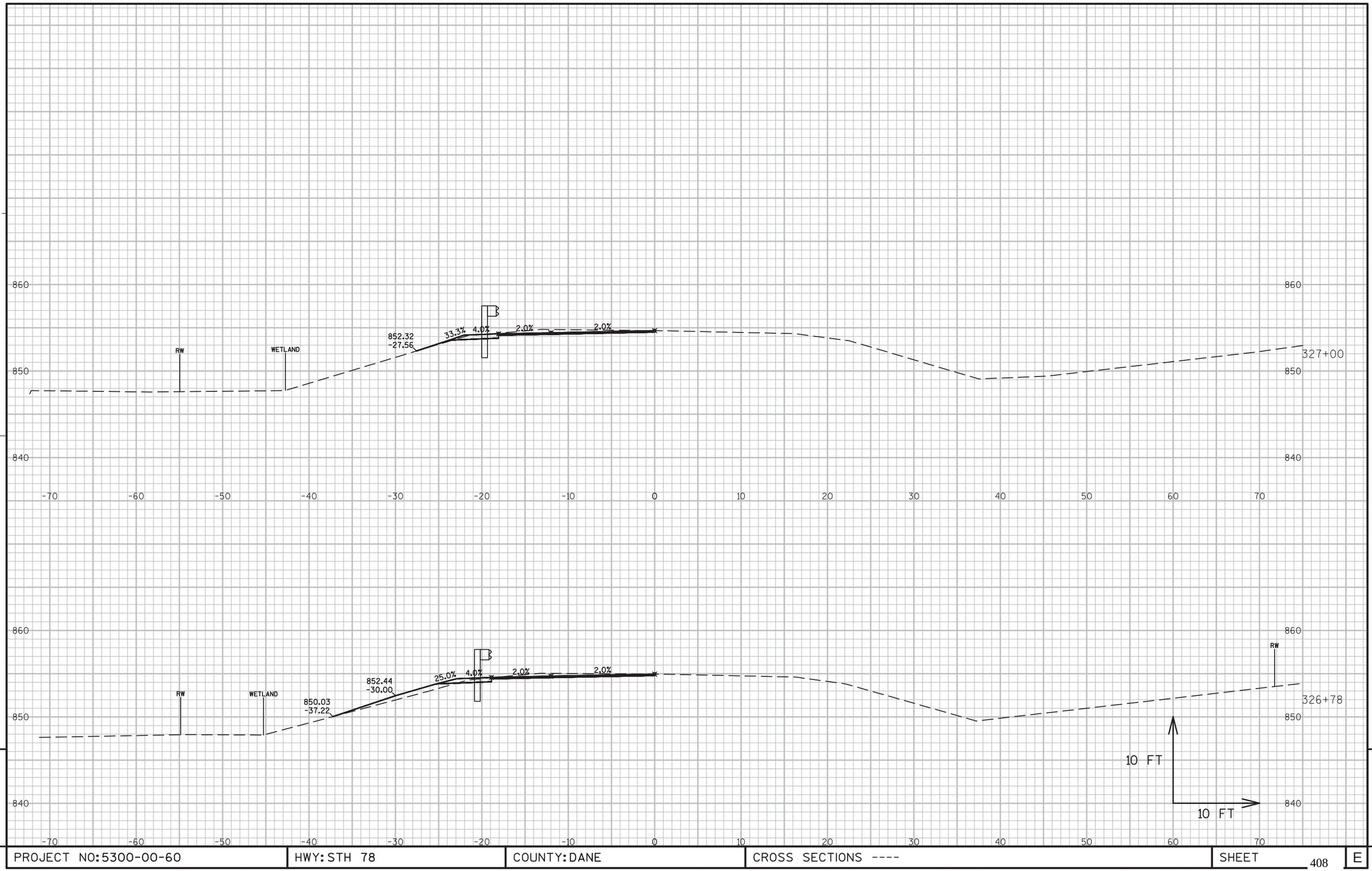
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 407	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:50 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

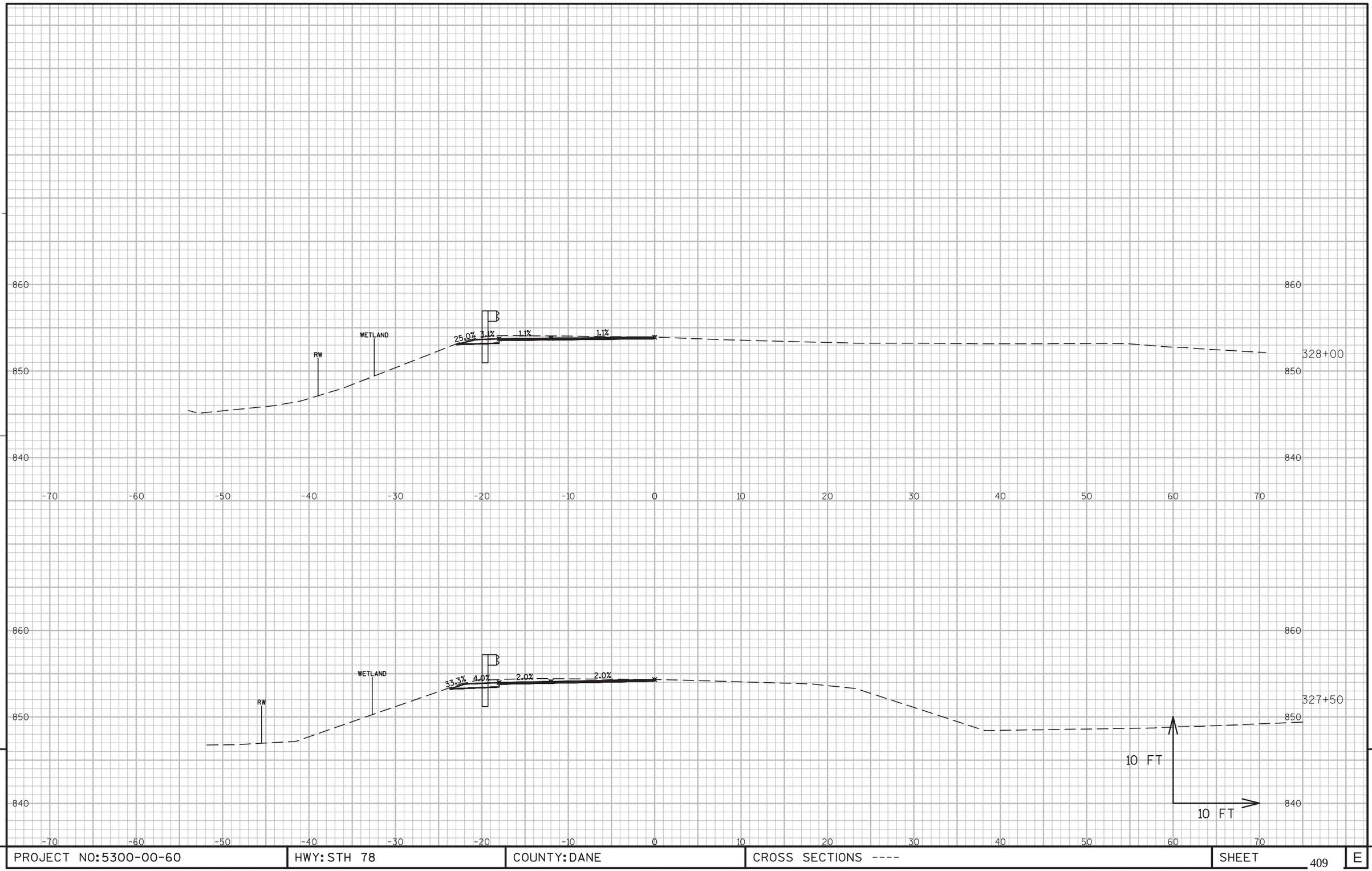
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 408	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:50 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

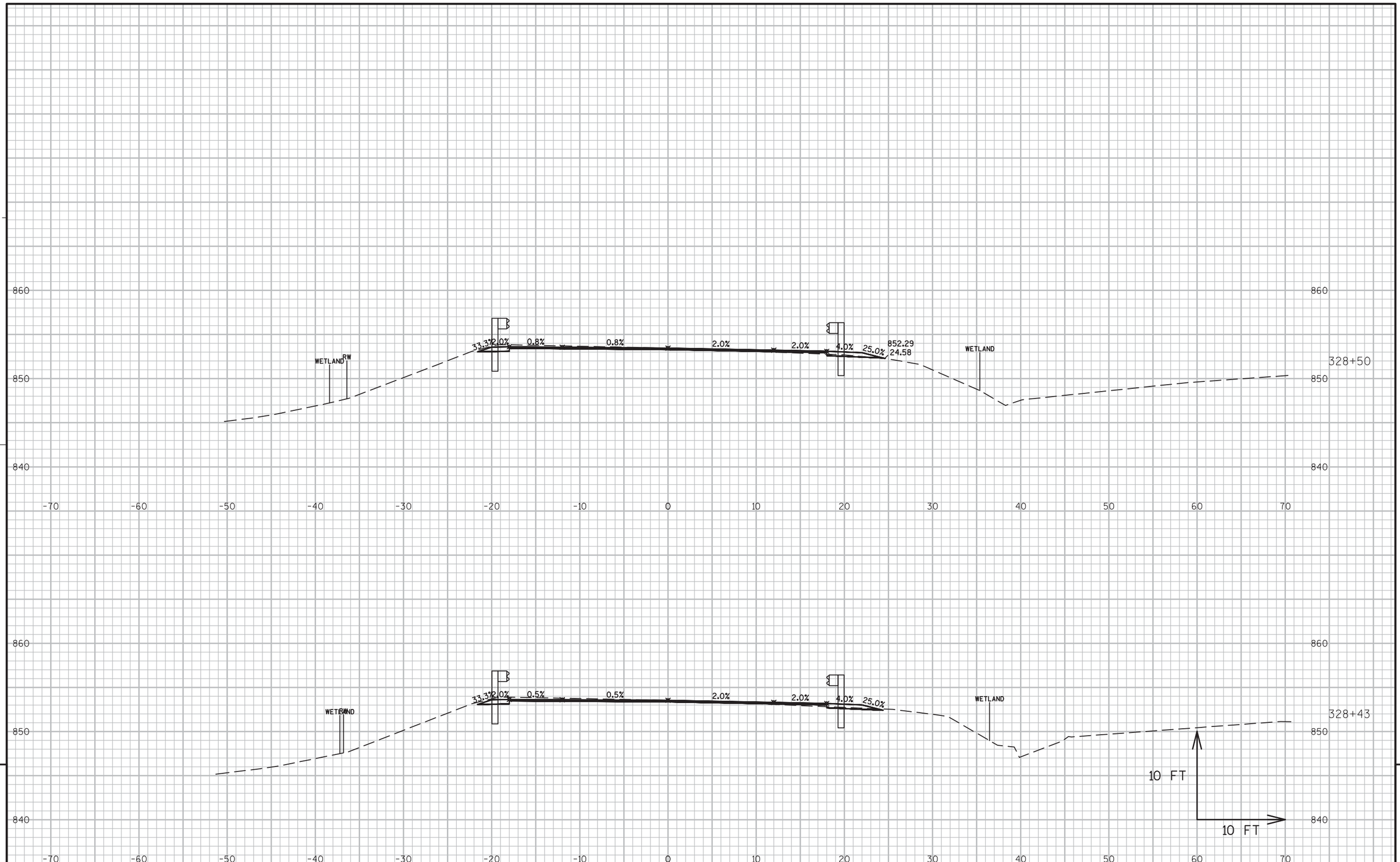


9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 409	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:50 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

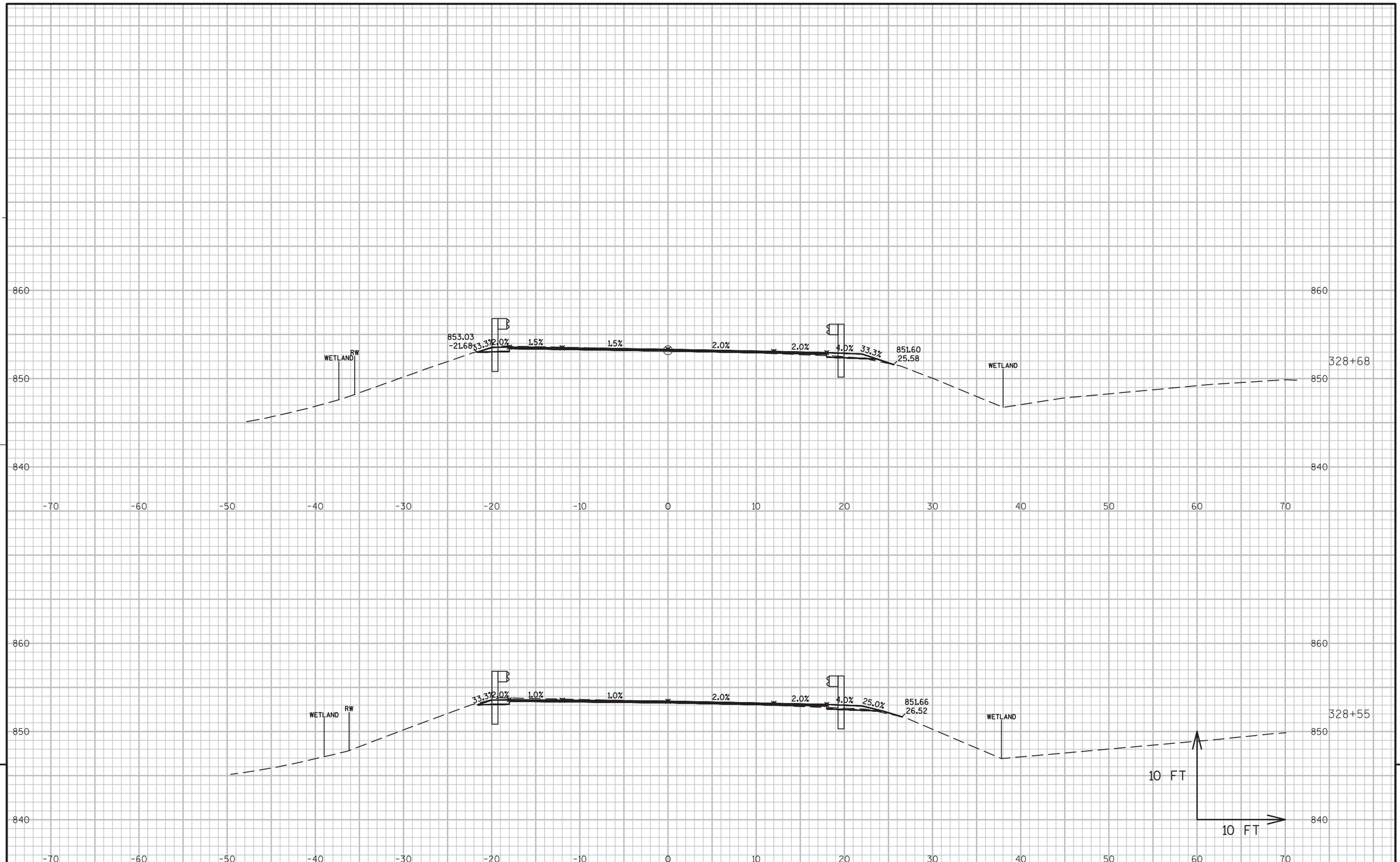


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 410	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:51 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

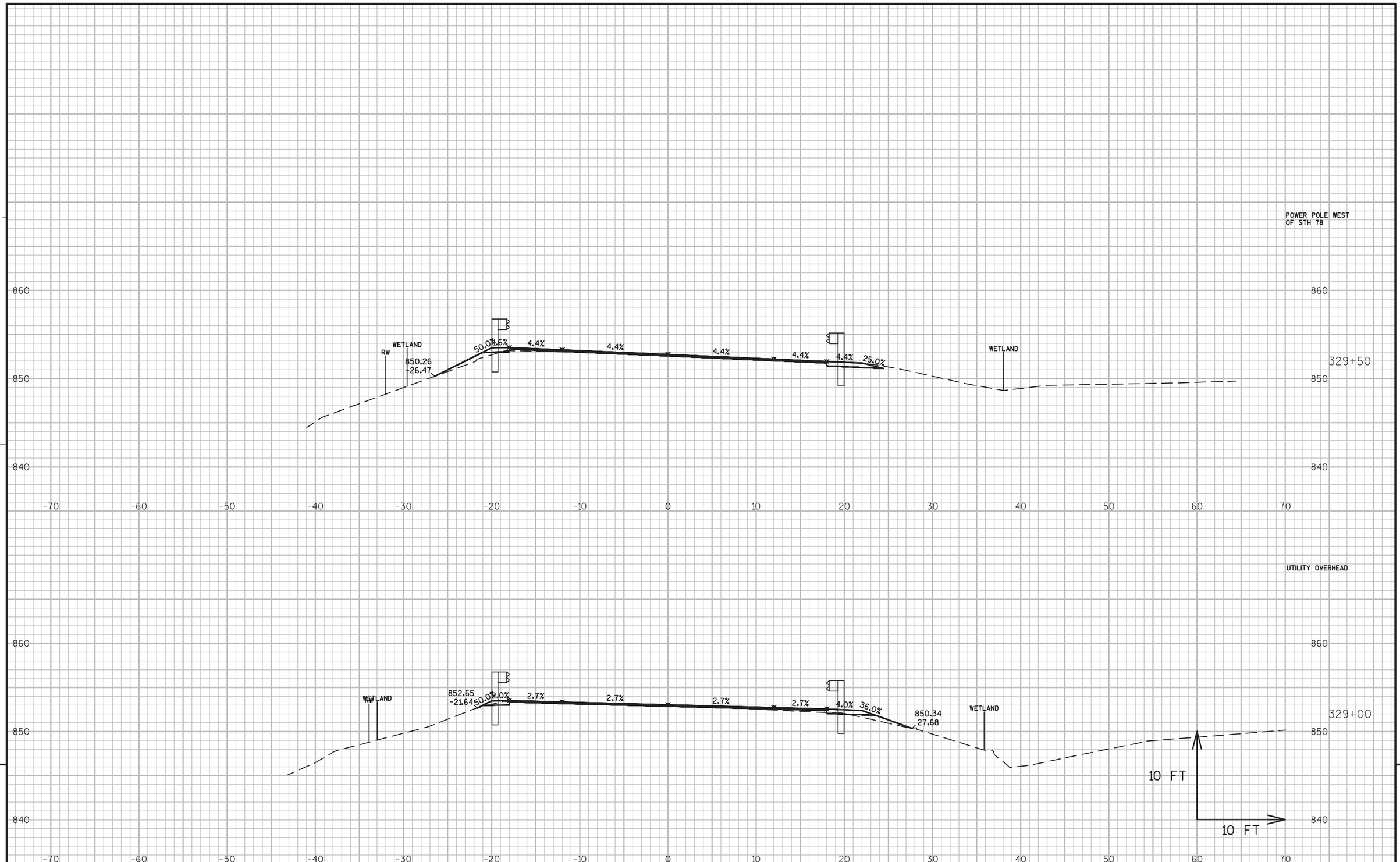


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 411	E

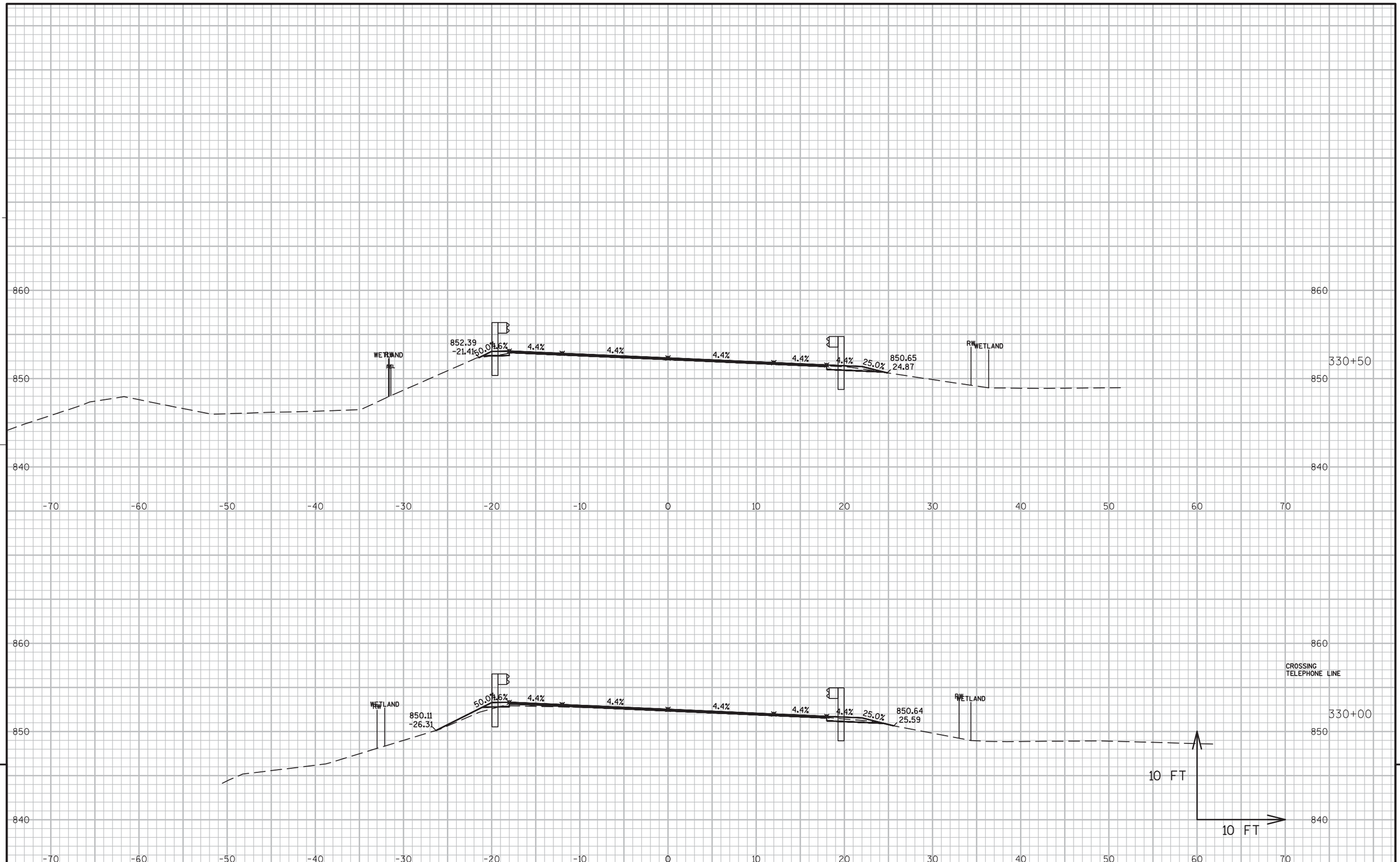
FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:51 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 412	E

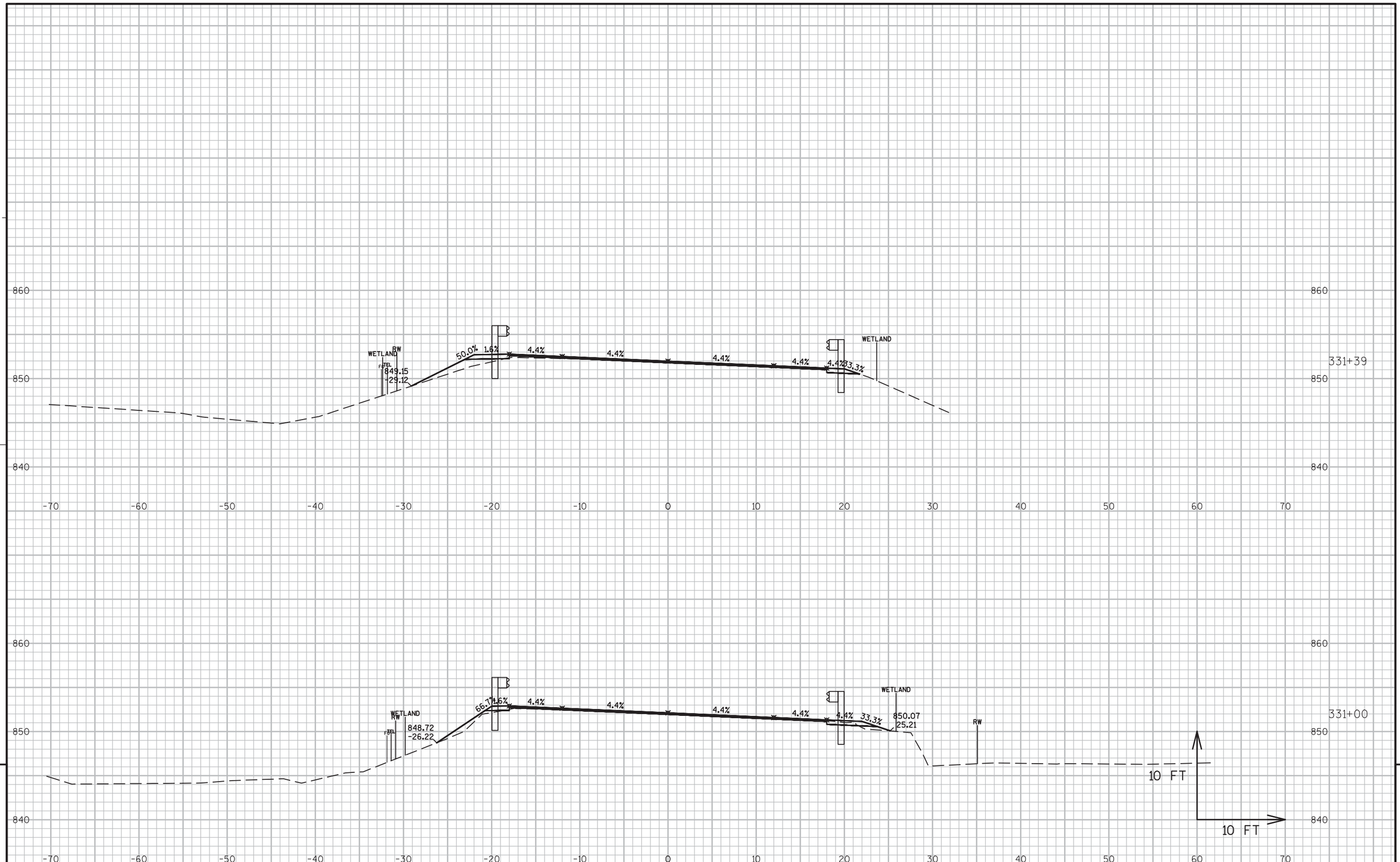


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 413	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:51 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

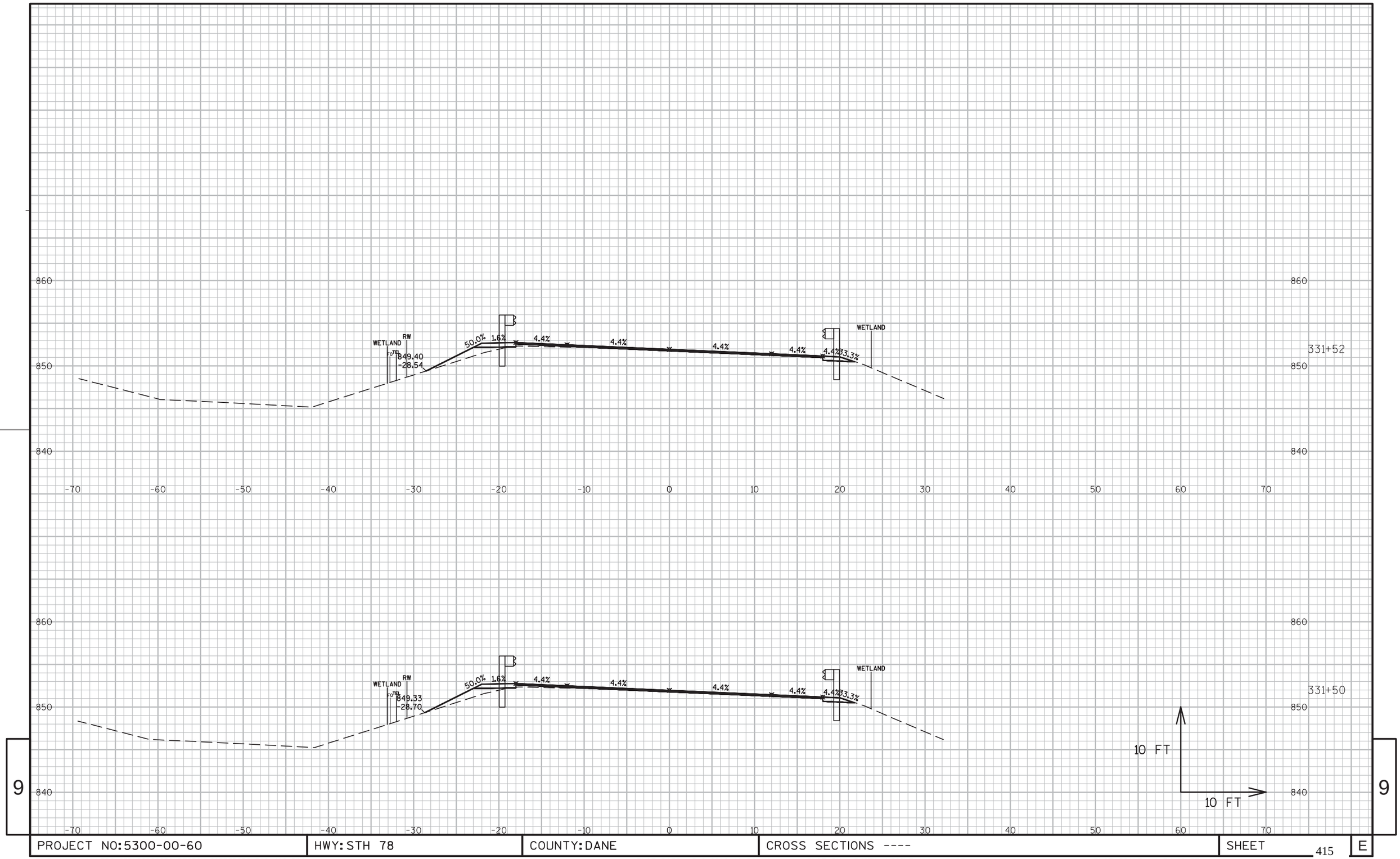
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 414	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:51 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

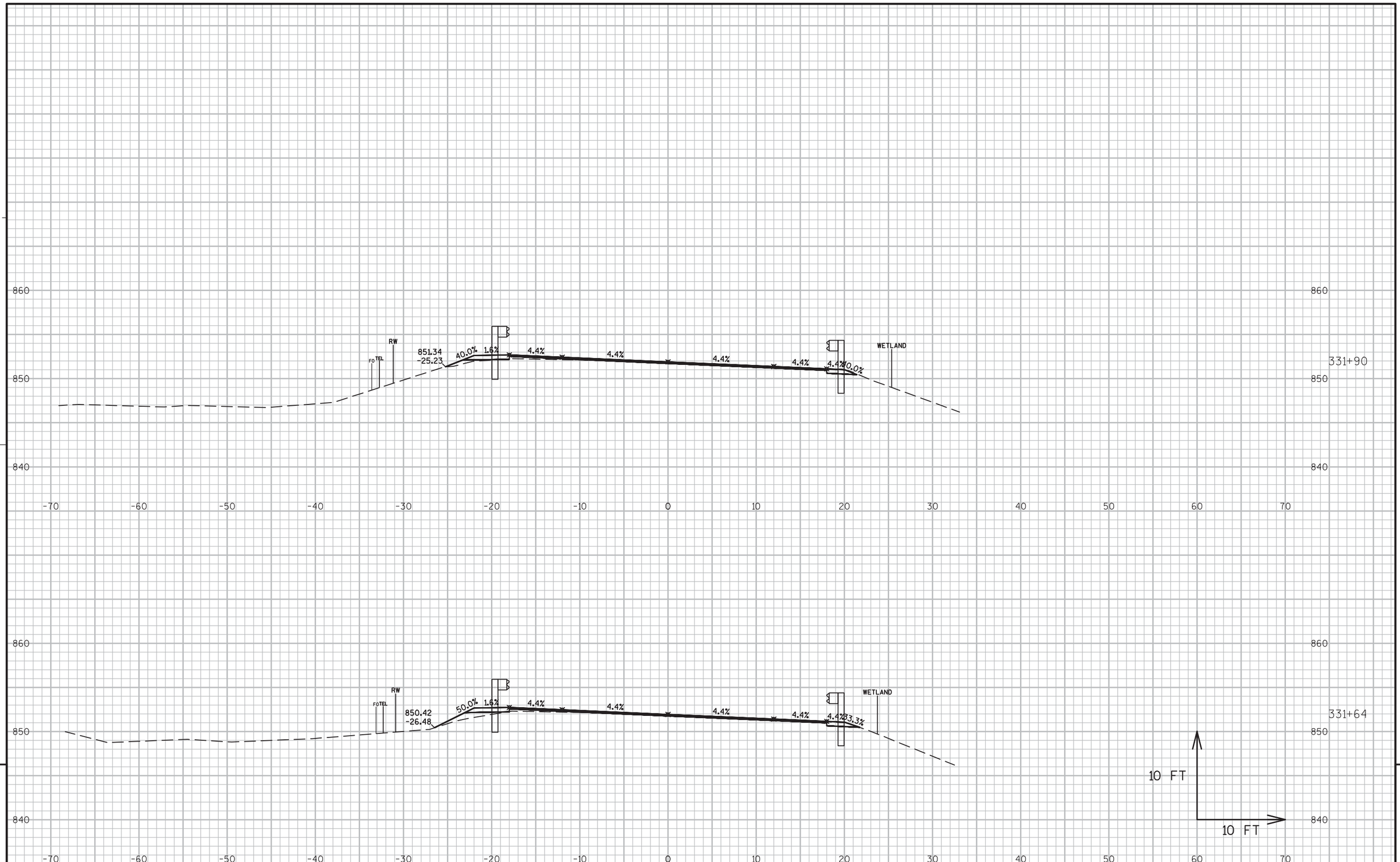


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 415	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:52 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

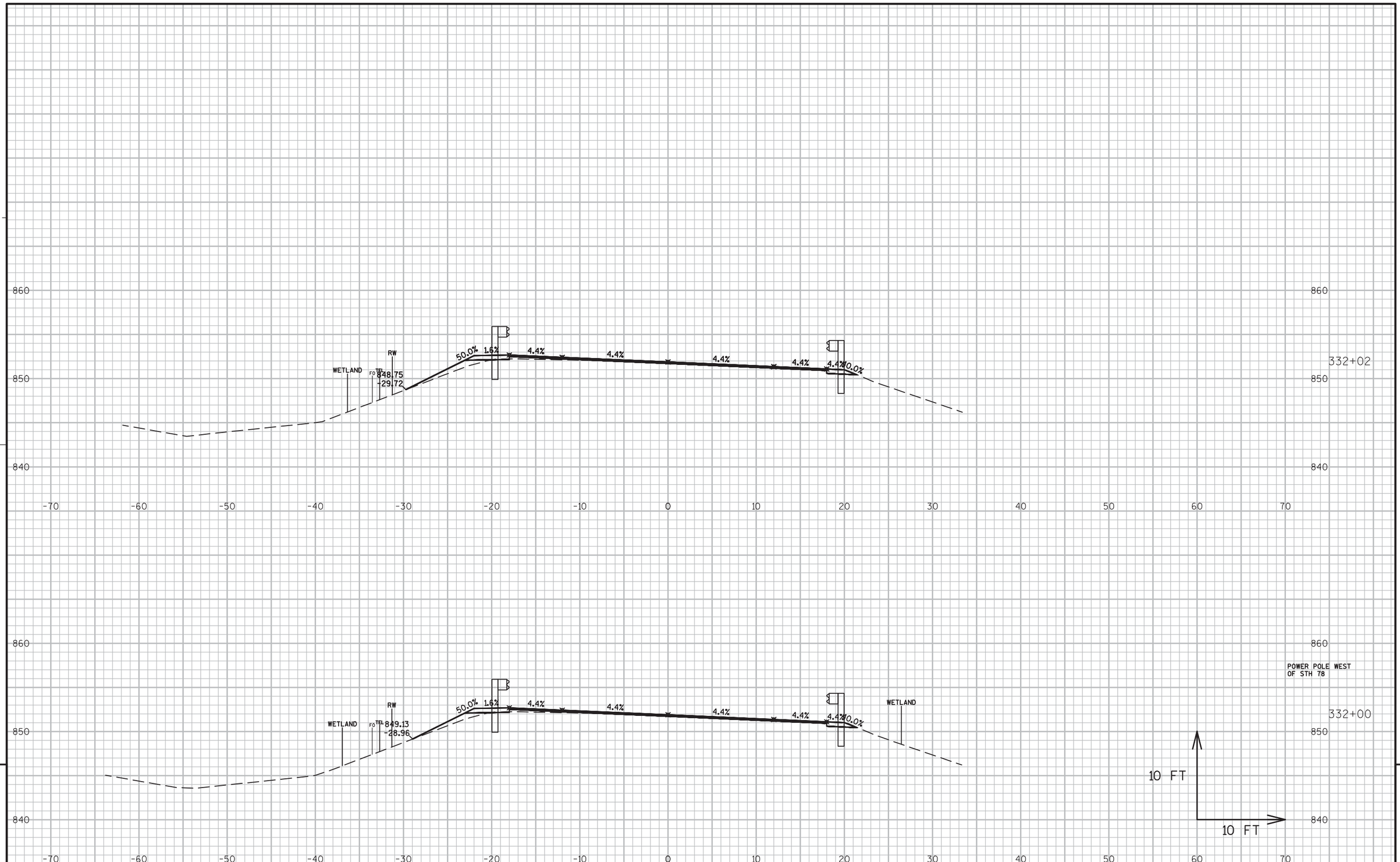


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 416	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:52 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

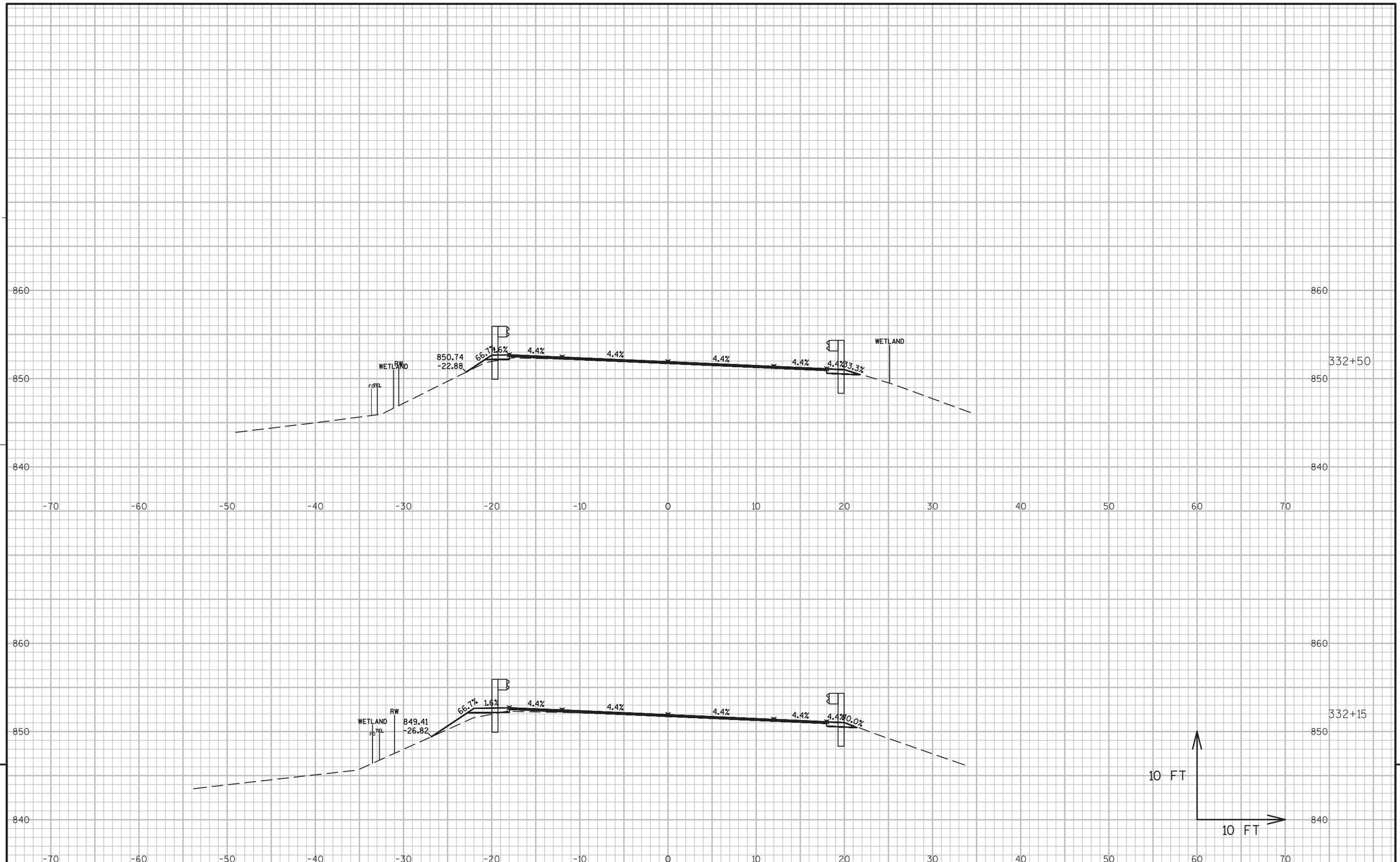


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 417	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:52 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

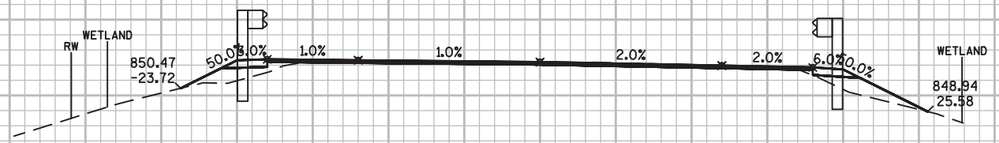


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 418	E

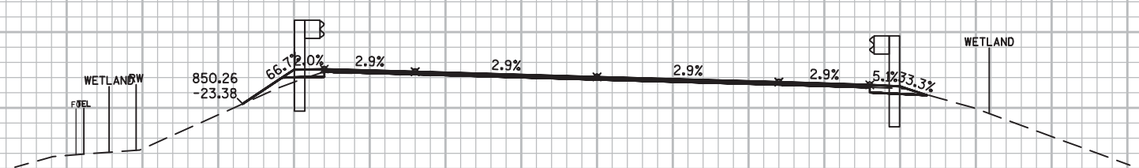
FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/14/2016 3:44 PM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



860
850
333+50



840
860
850
333+00

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

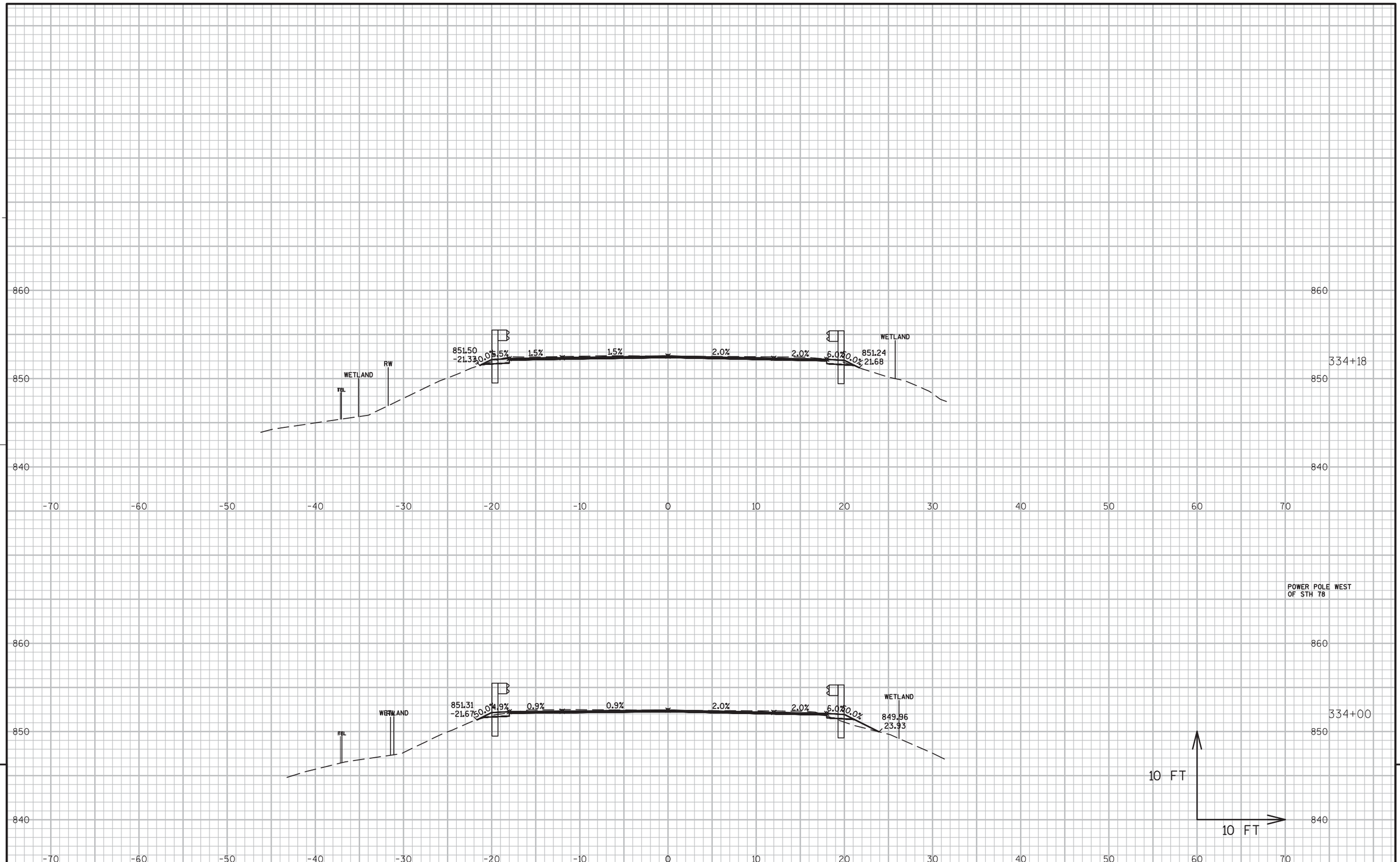
10 FT
10 FT

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 419	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:52 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

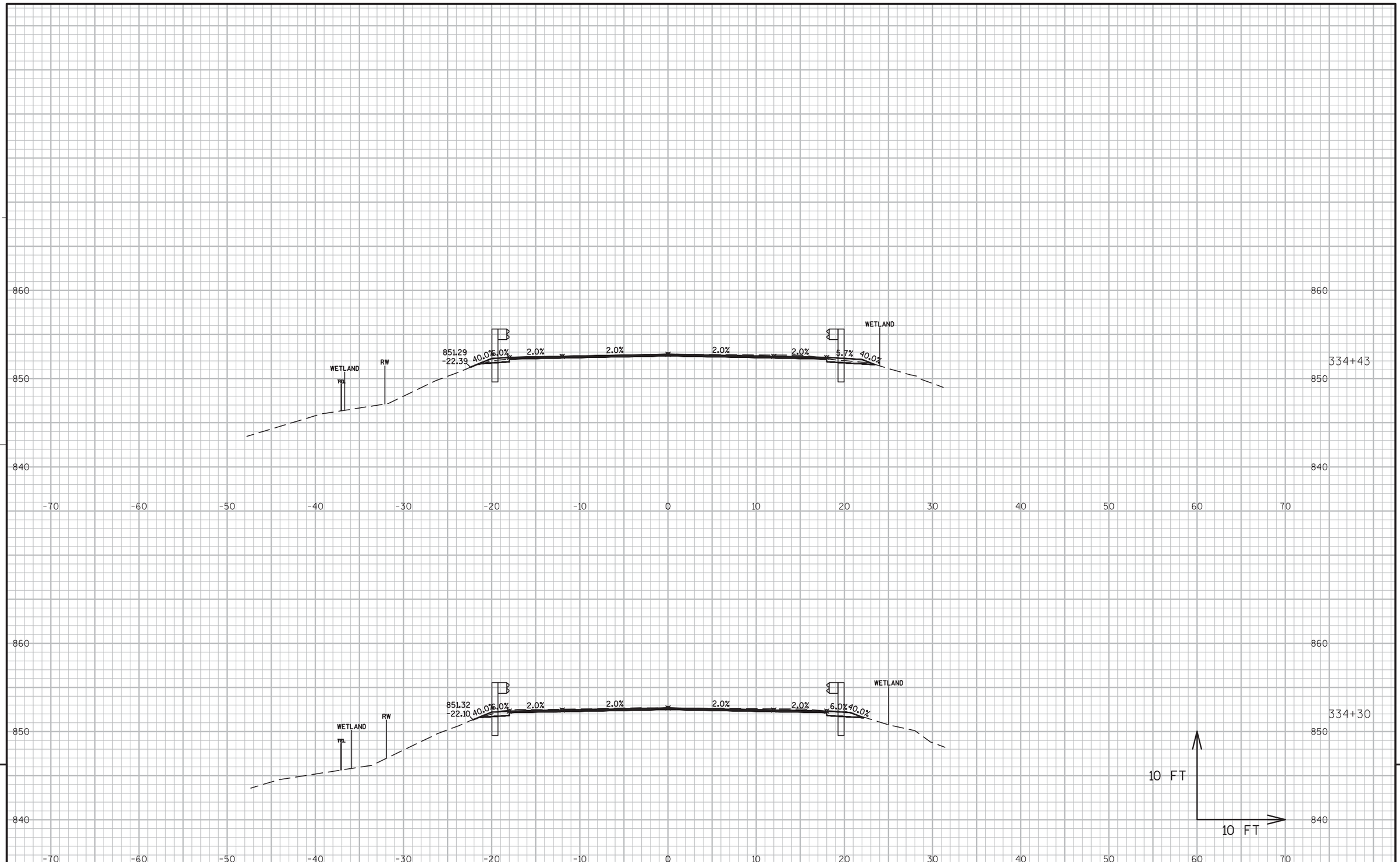


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 420	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:53 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

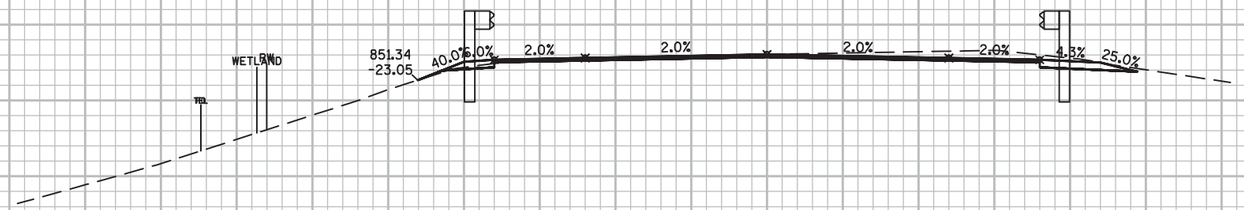


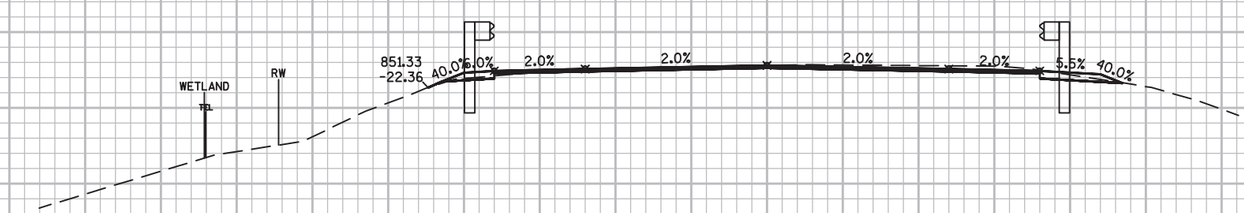
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 421	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:53 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49





860
850
840
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

335+00

334+50

10 FT
10 FT

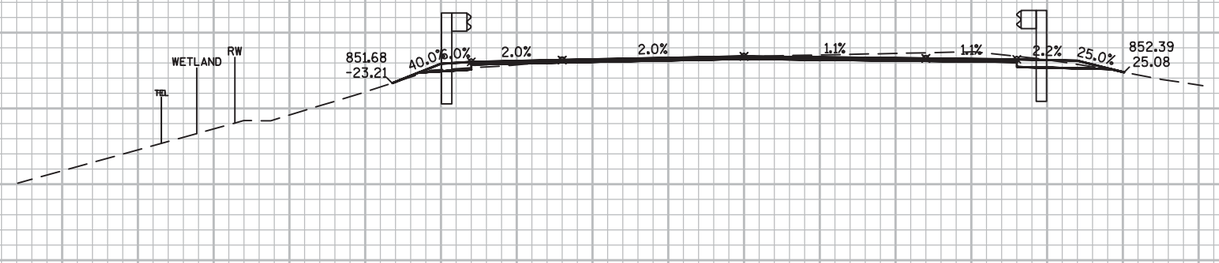
9

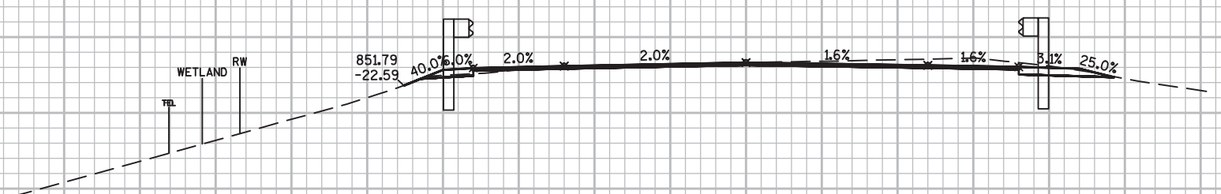
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 422	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:53 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49





335+38

335+25

10 FT

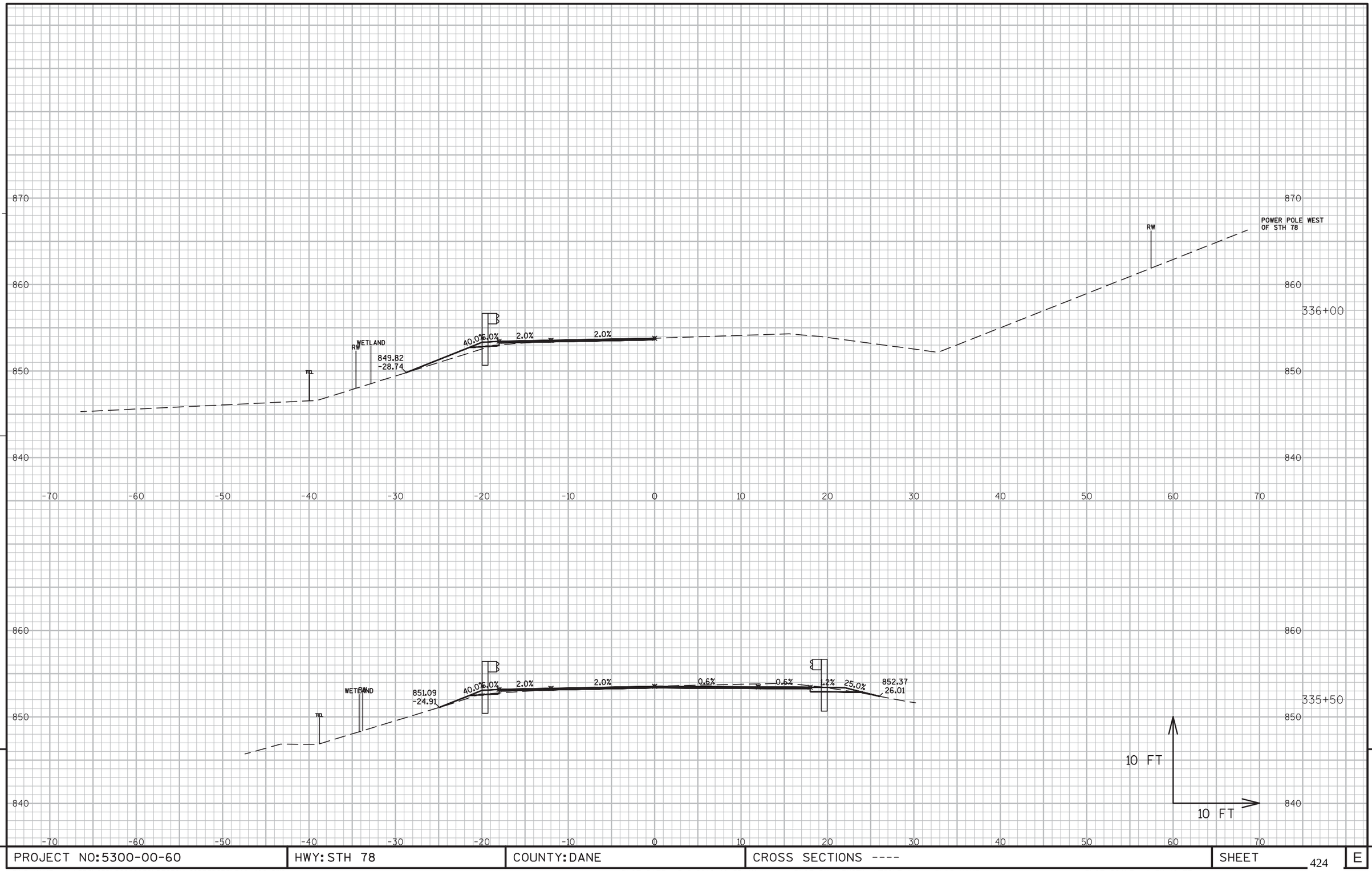
10 FT

PROJECT NO:5300-00-60 | HWY: STH 78 | COUNTY: DANE | CROSS SECTIONS ---- | SHEET 423 | E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:53 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

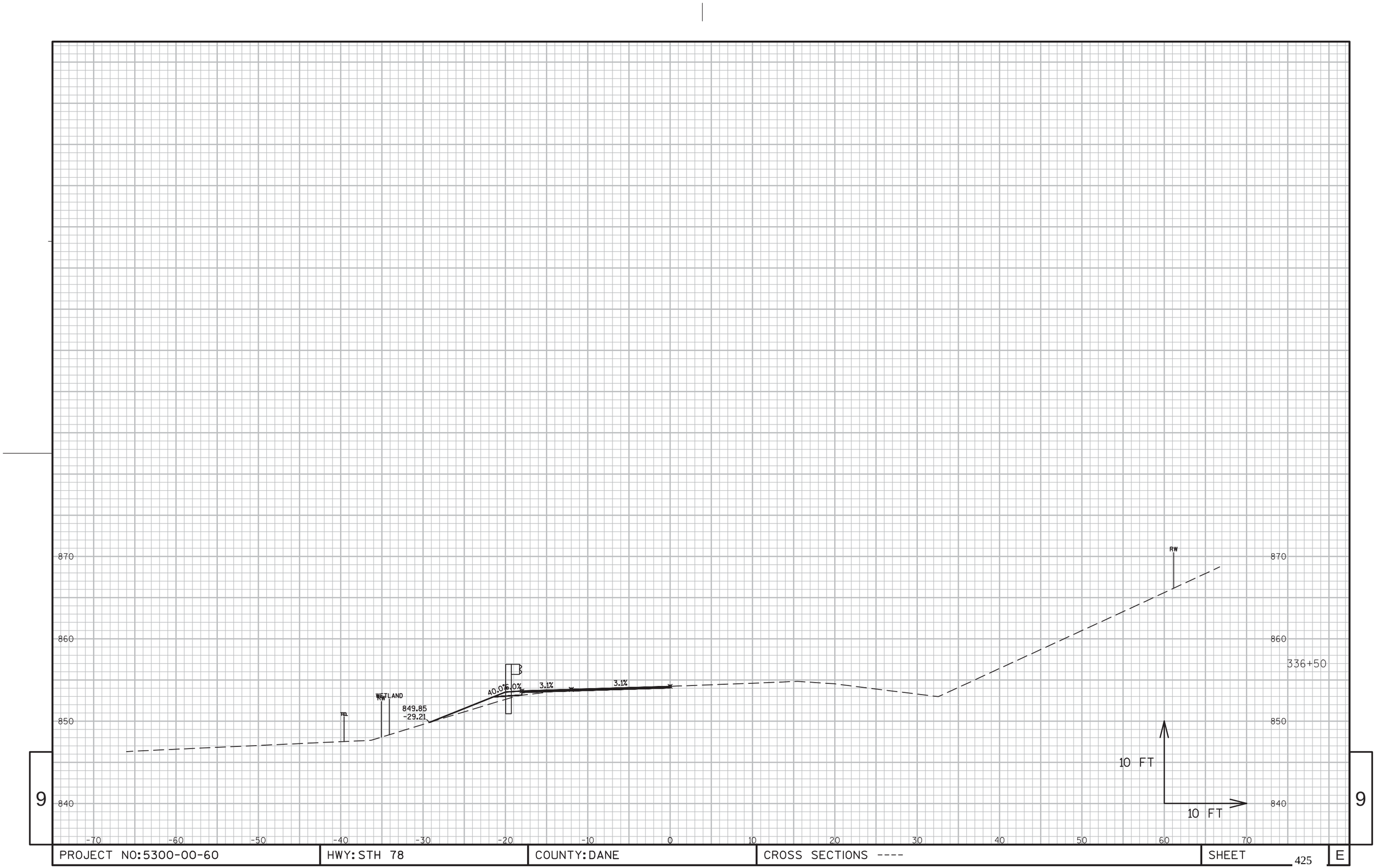
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 424	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:53 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

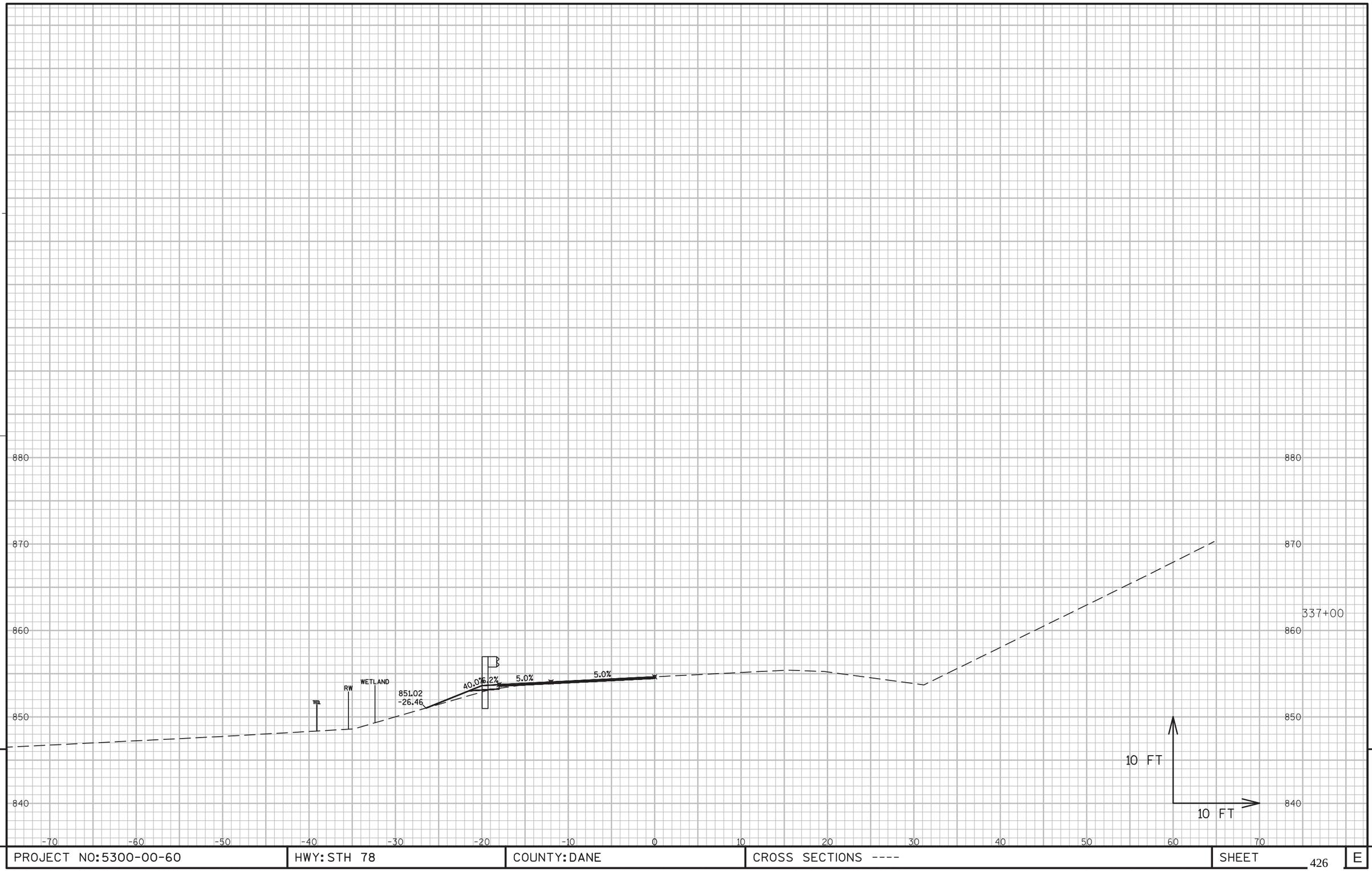
WISDOT/CADDS SHEET 49



9

9

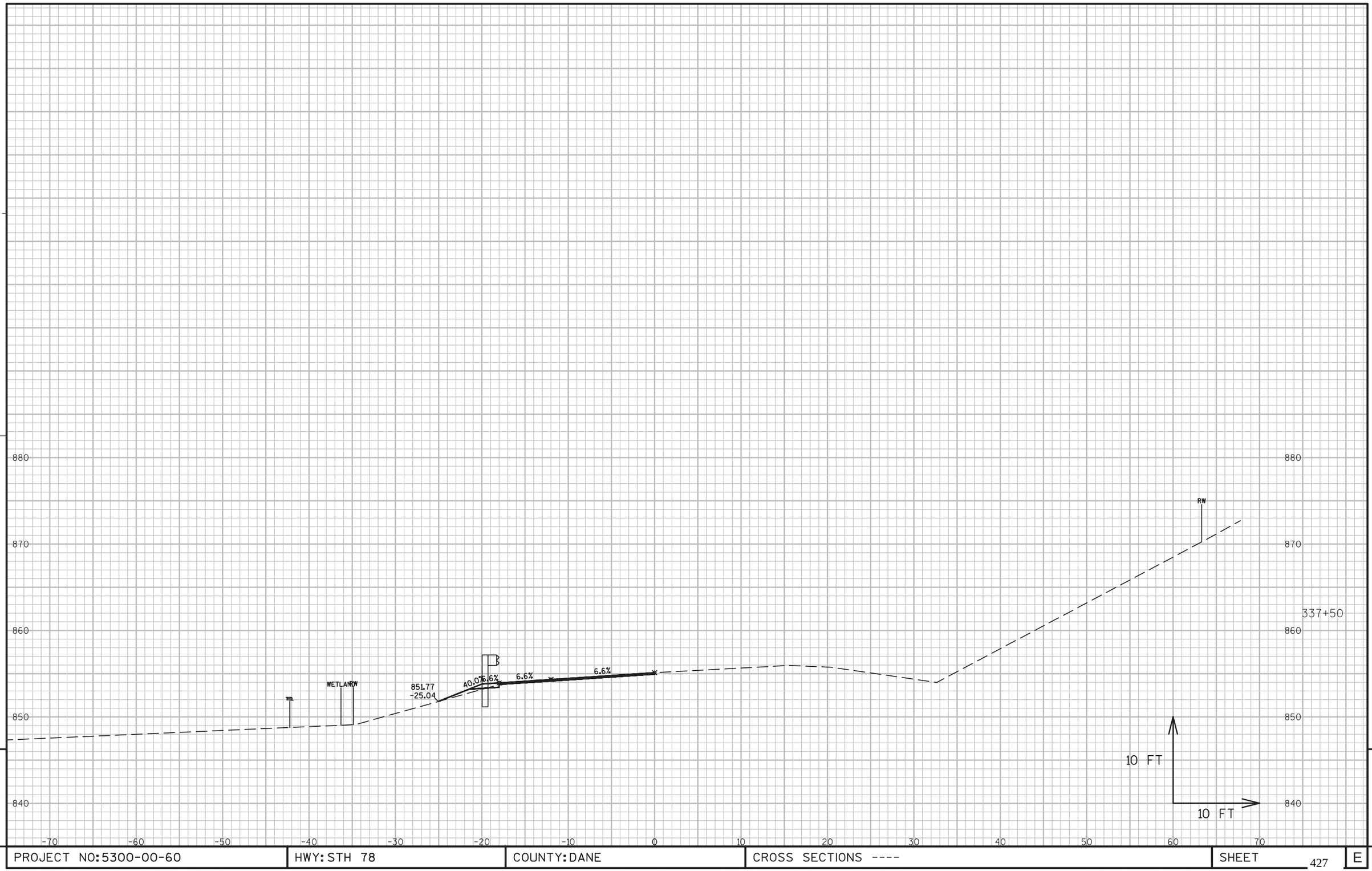
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 425	E



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 426	E



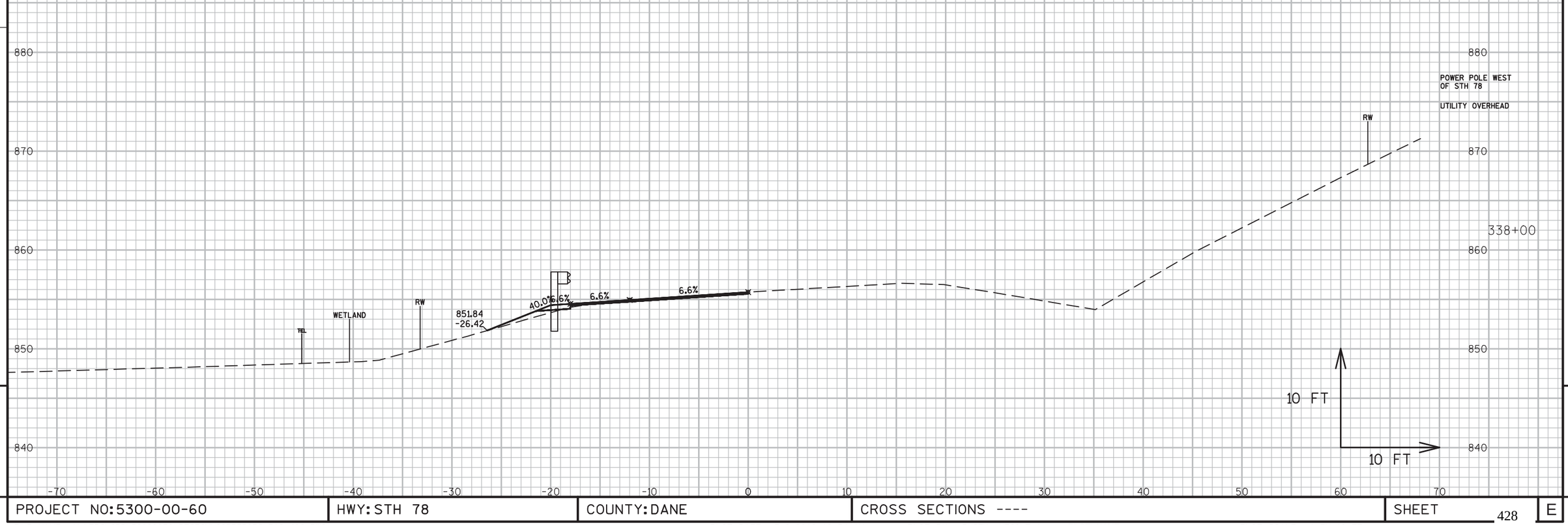
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 427	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:54 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



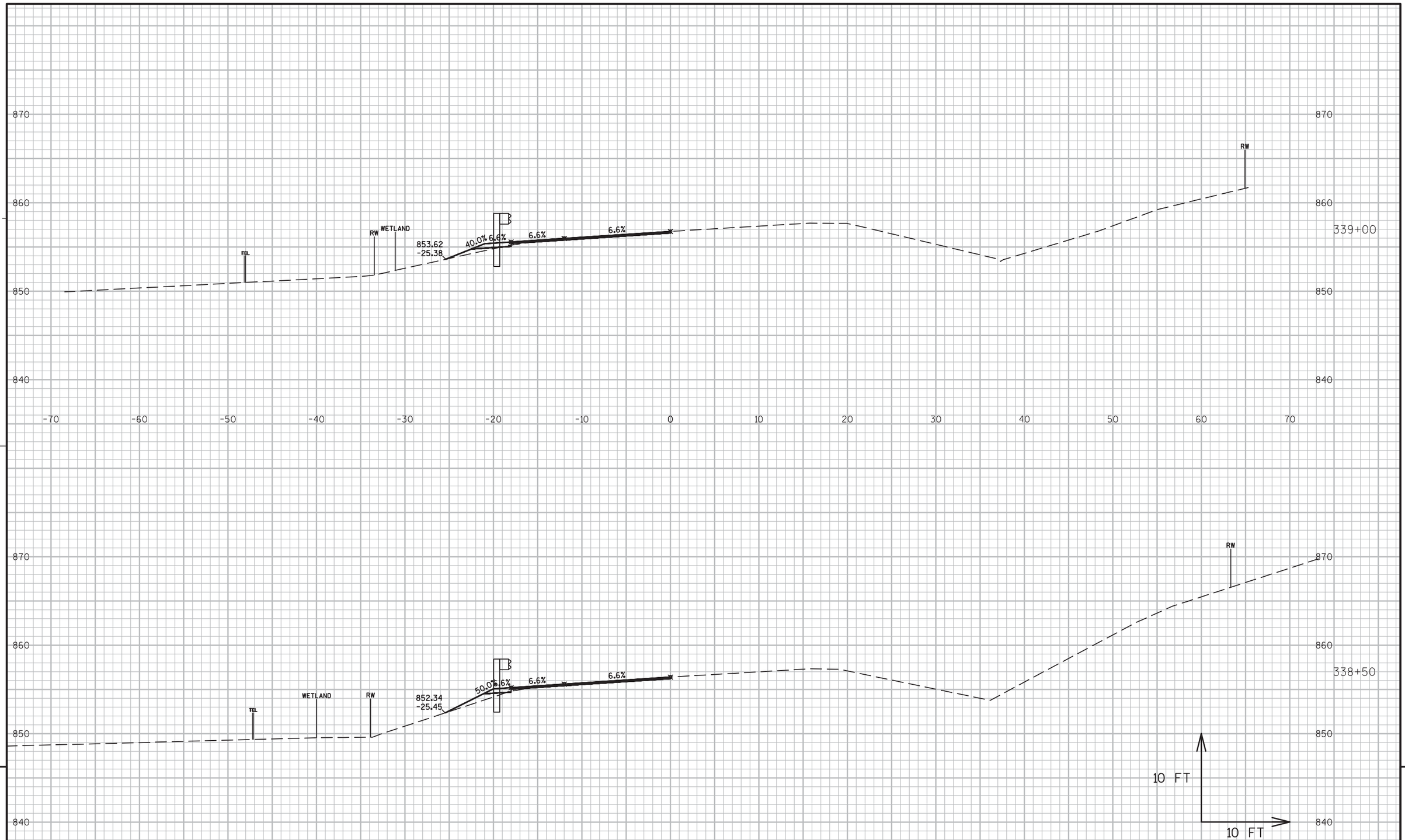
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 428	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:54 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

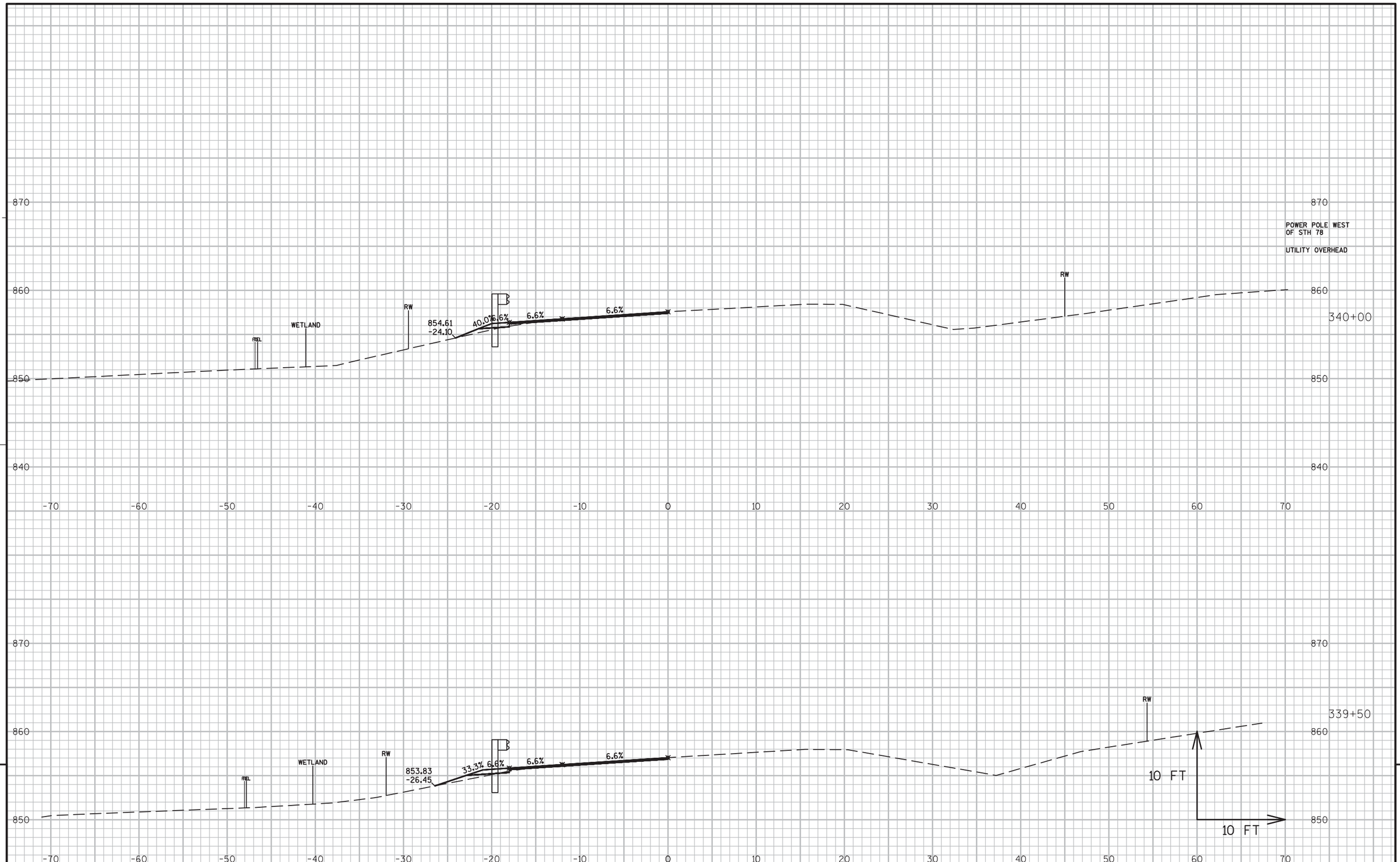


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 429	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:54 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

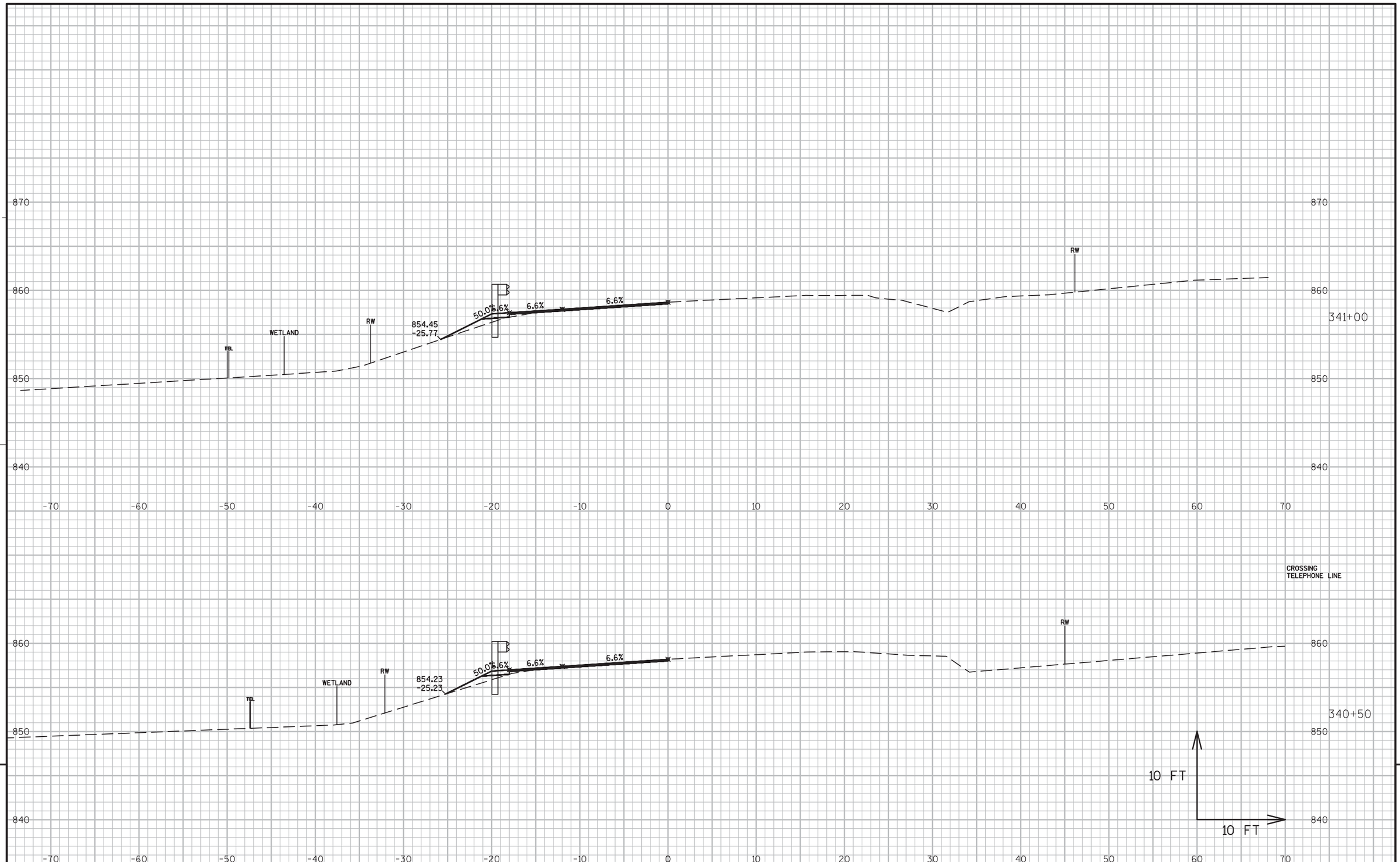
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 430	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:54 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

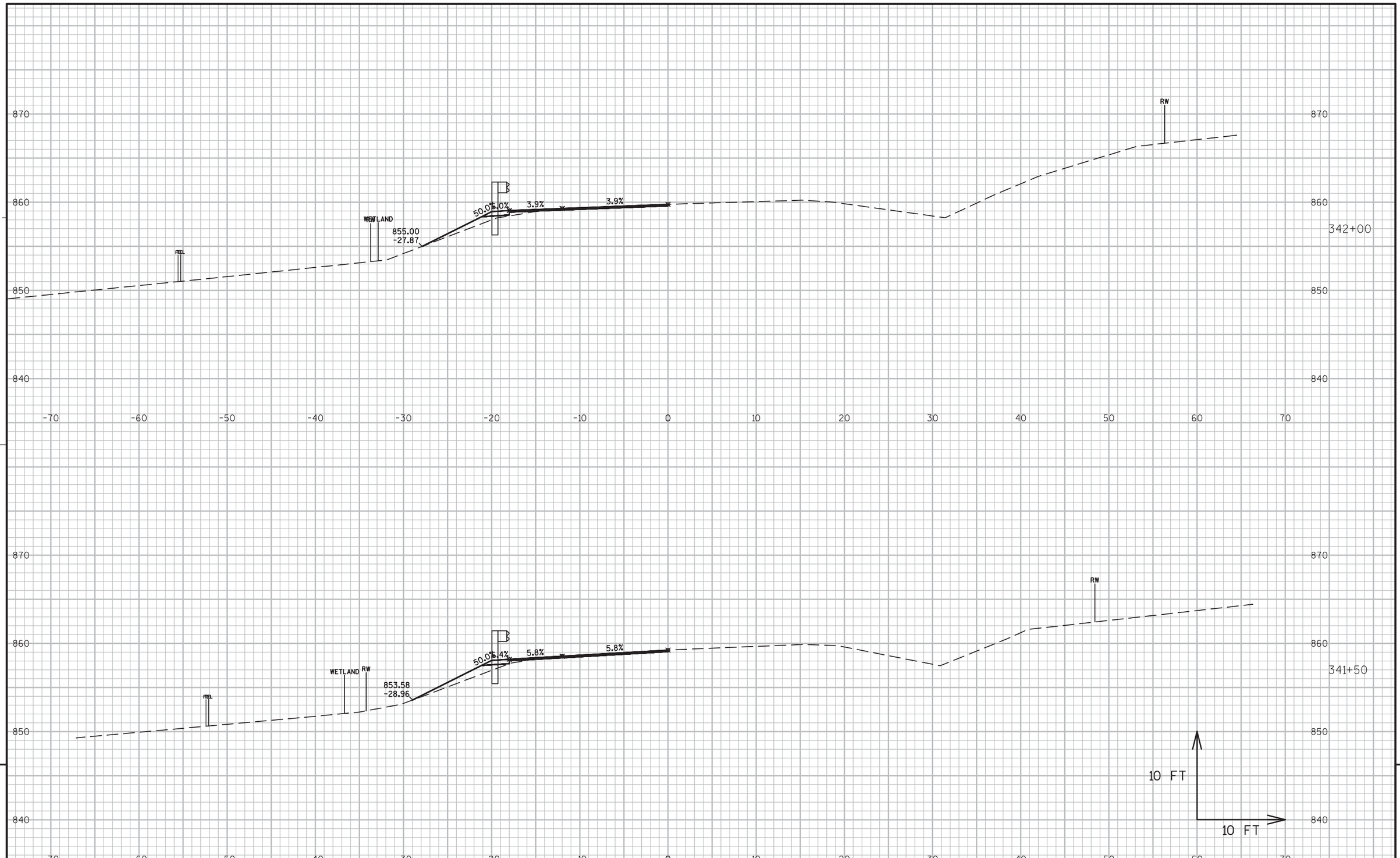
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 431	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:54 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

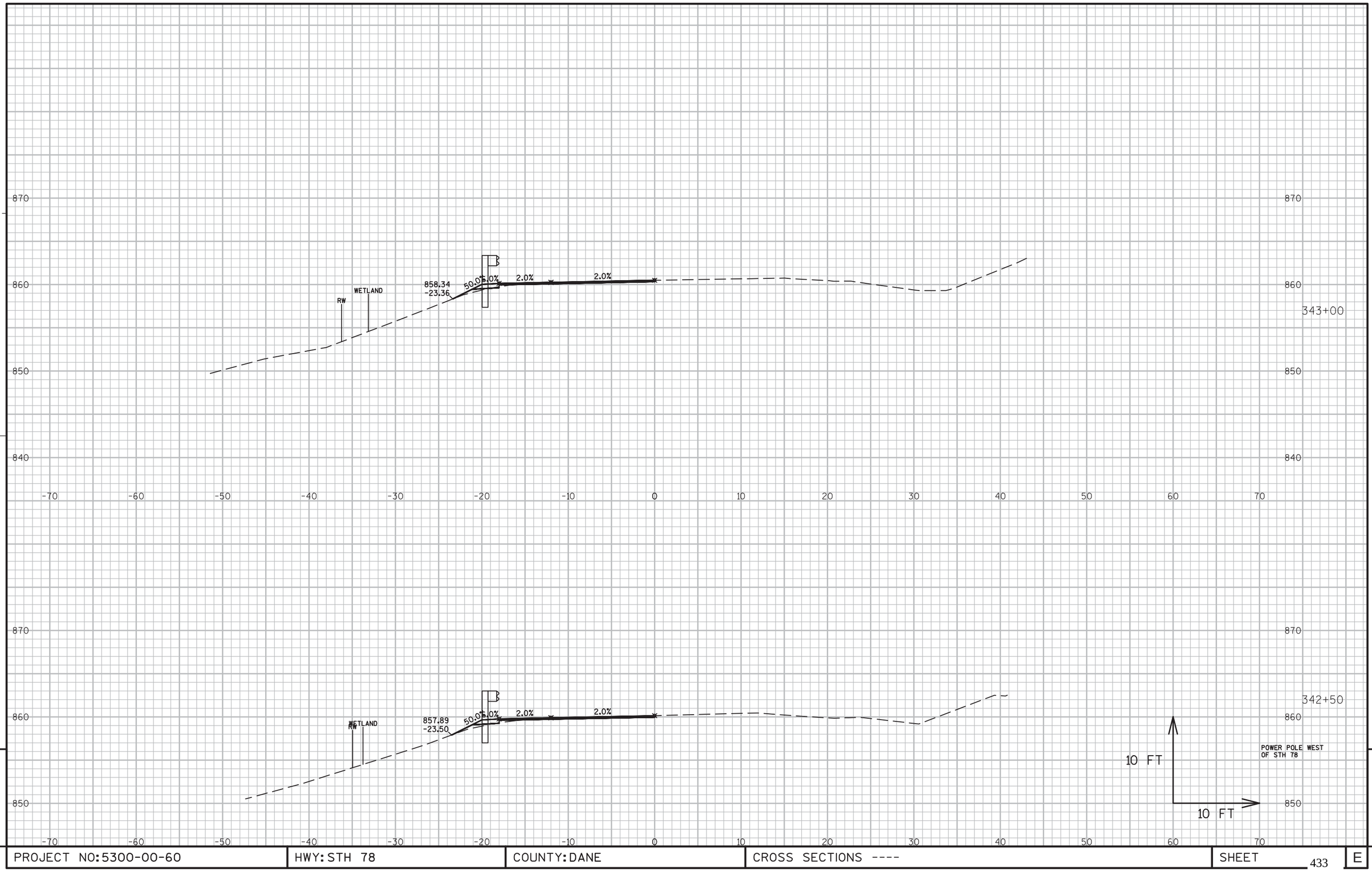
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 432	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:55 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

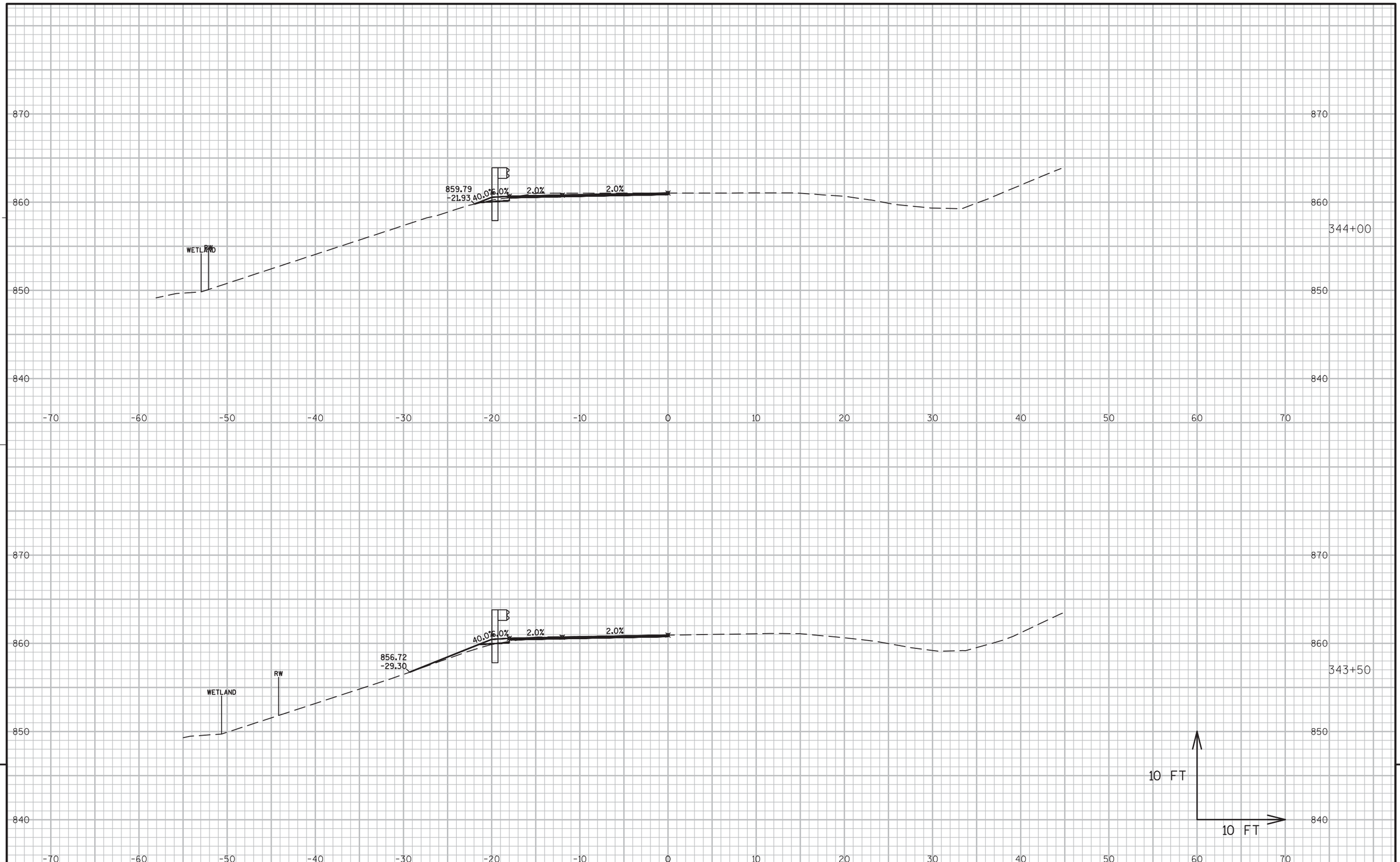
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 433	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:55 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

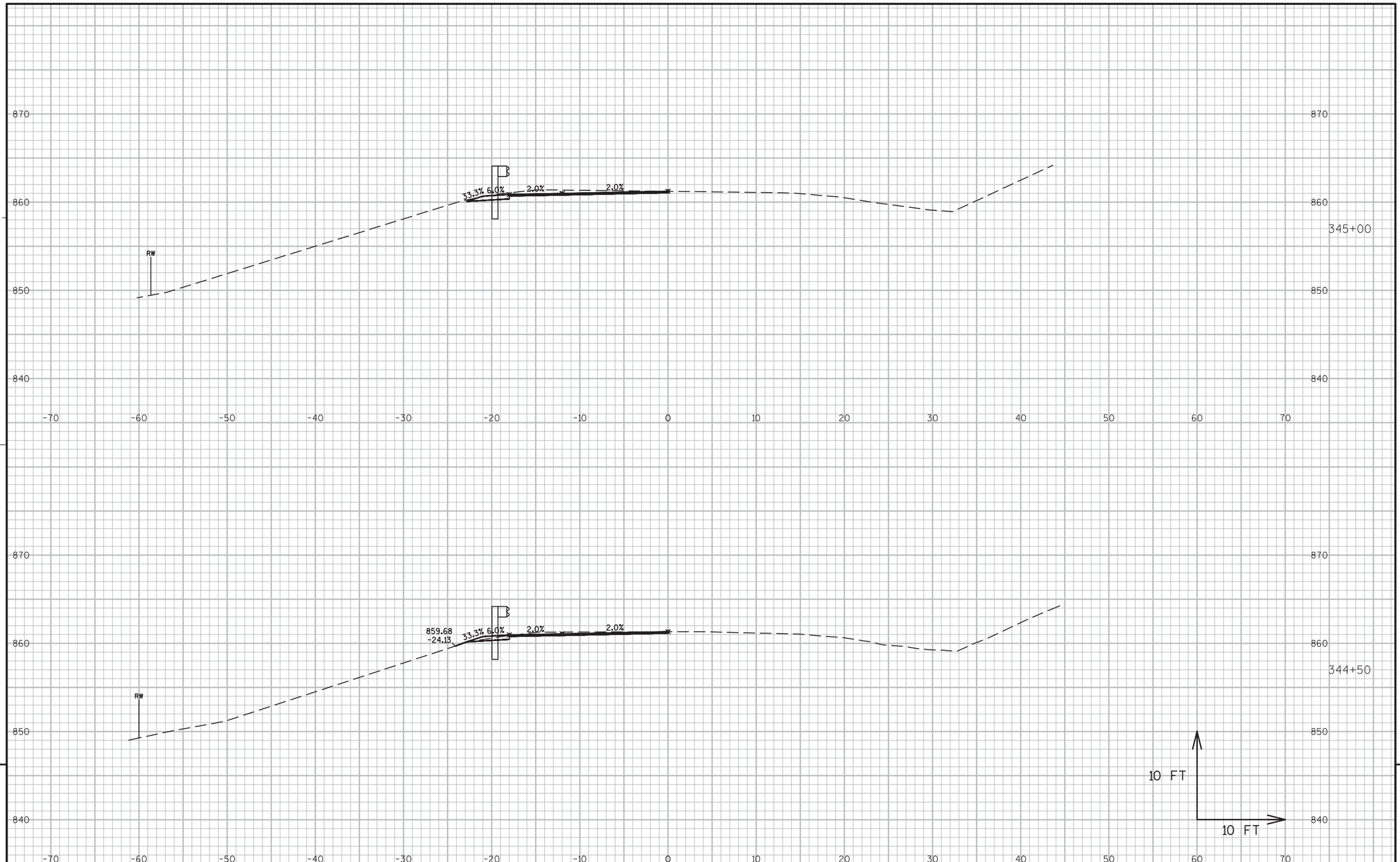
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 434	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:55 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



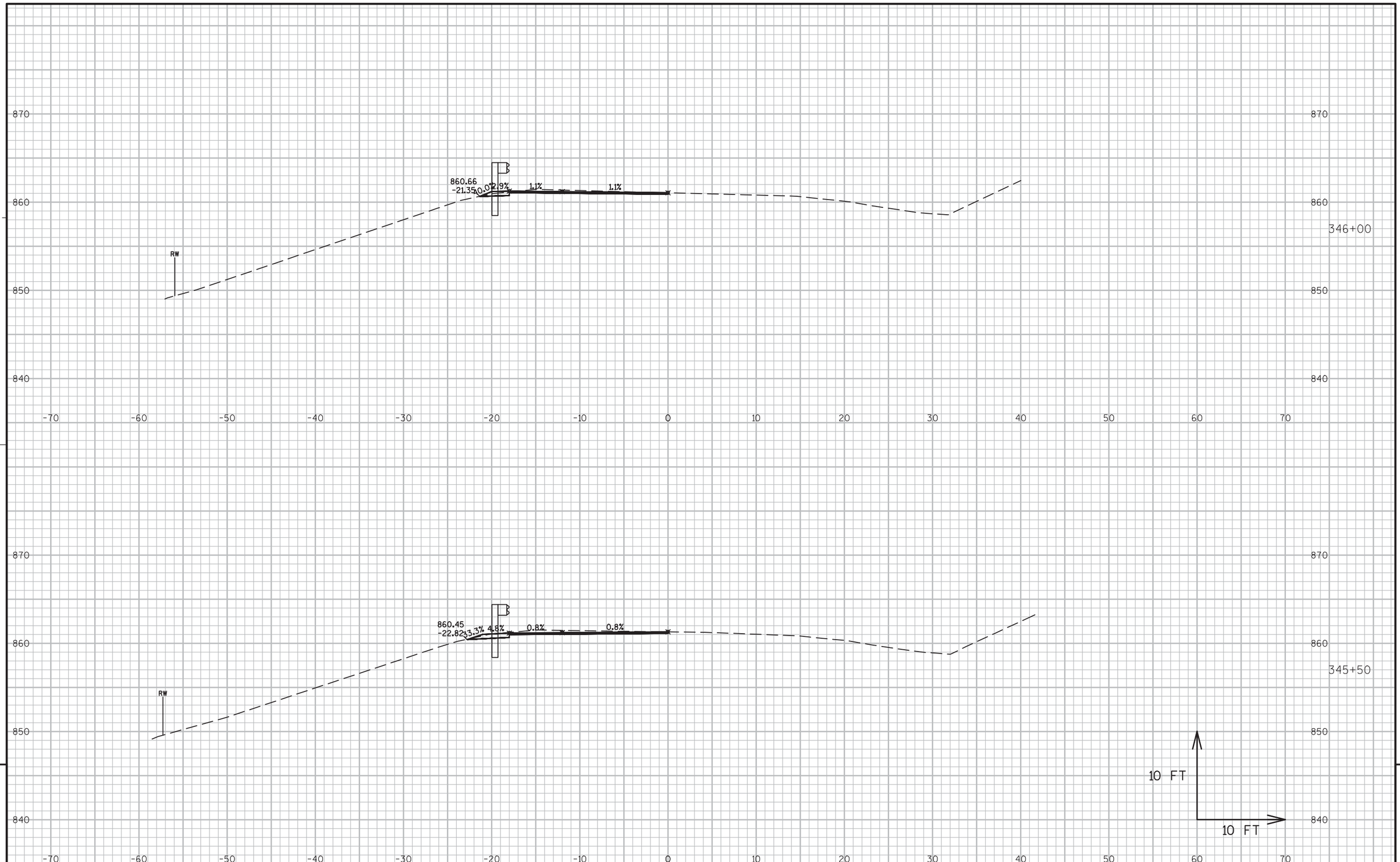
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 435	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:55 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



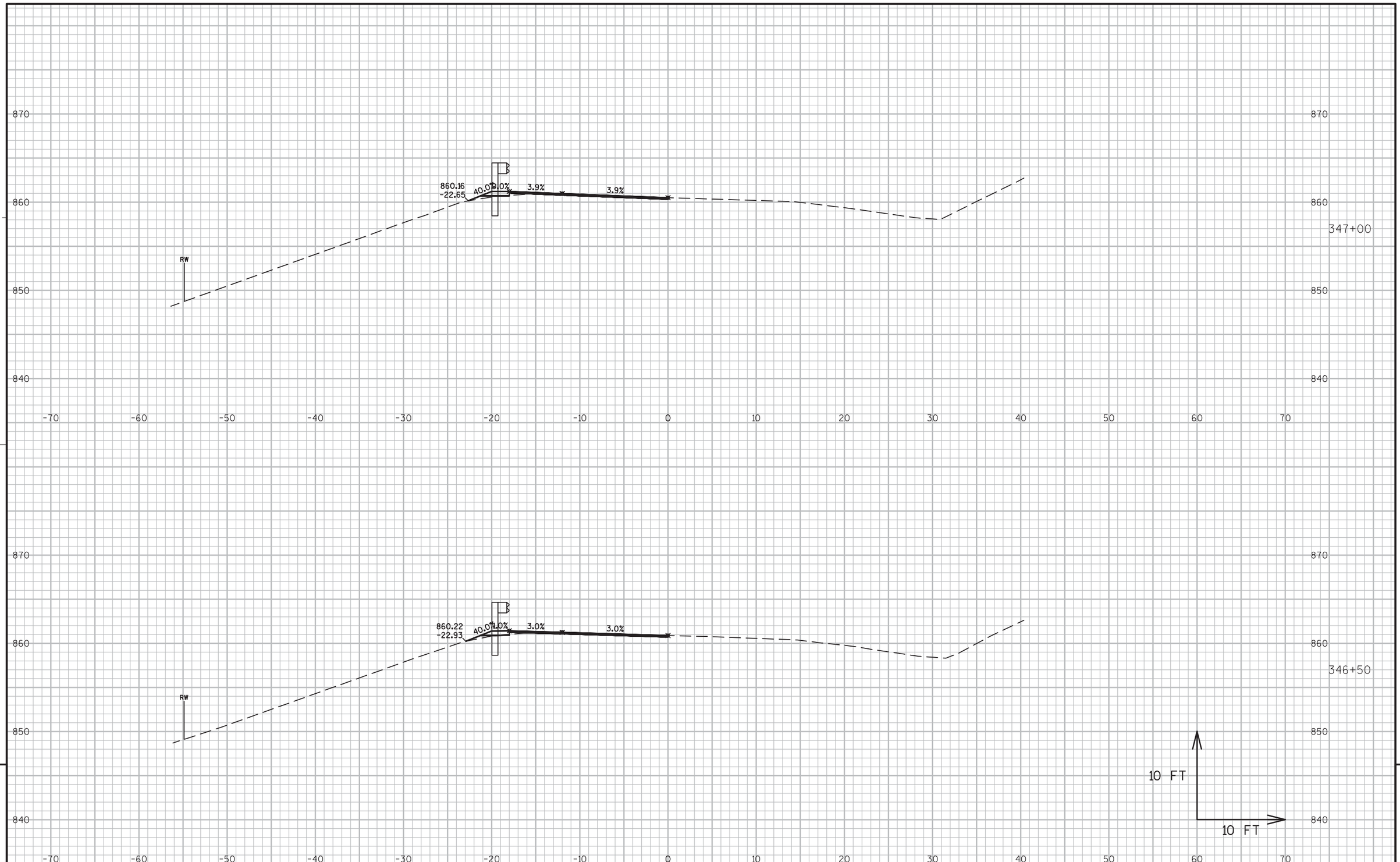
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 436	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:55 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

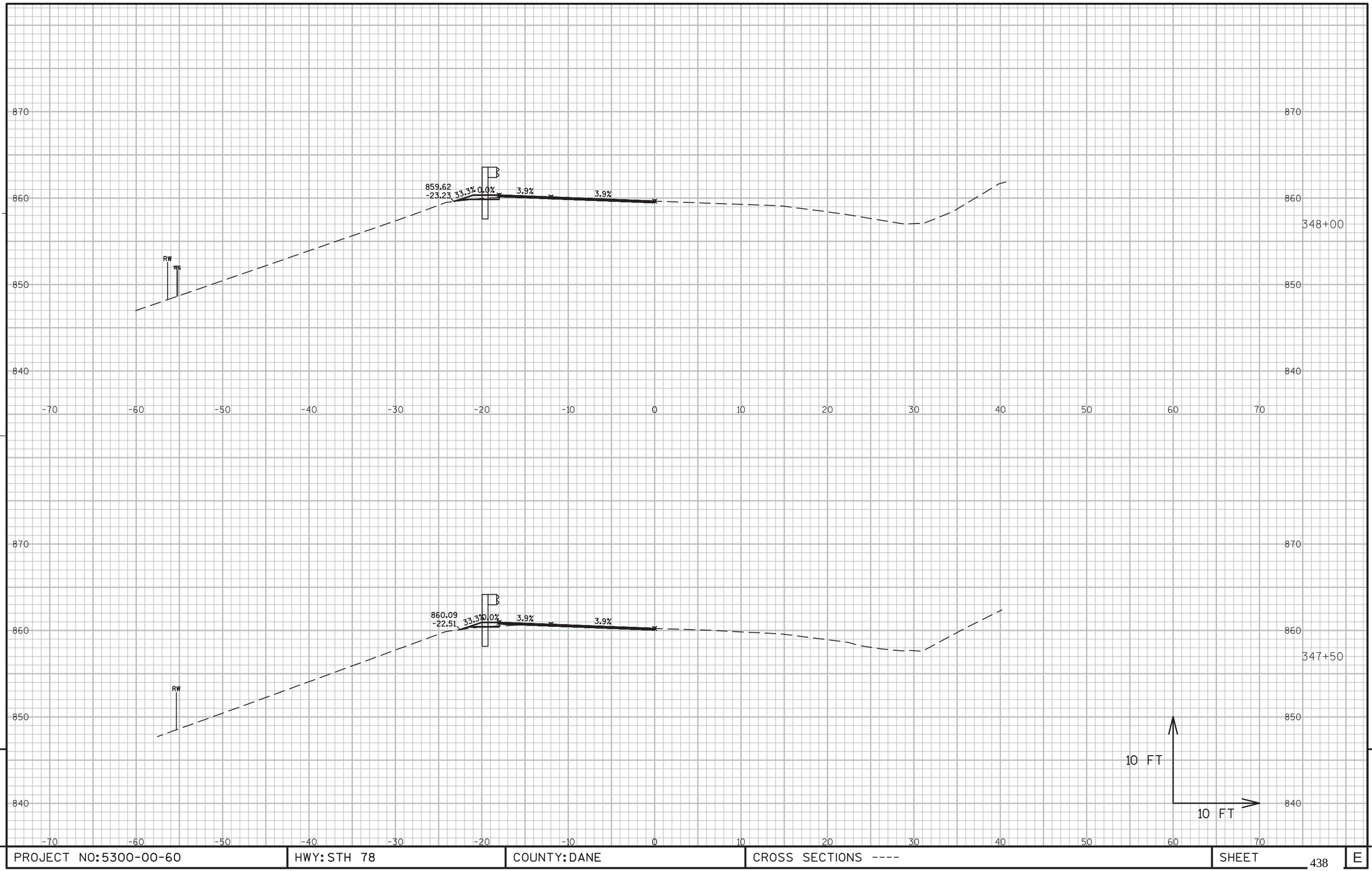


9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 437	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355
PLOT DATE : 3/2/2016 10:55 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



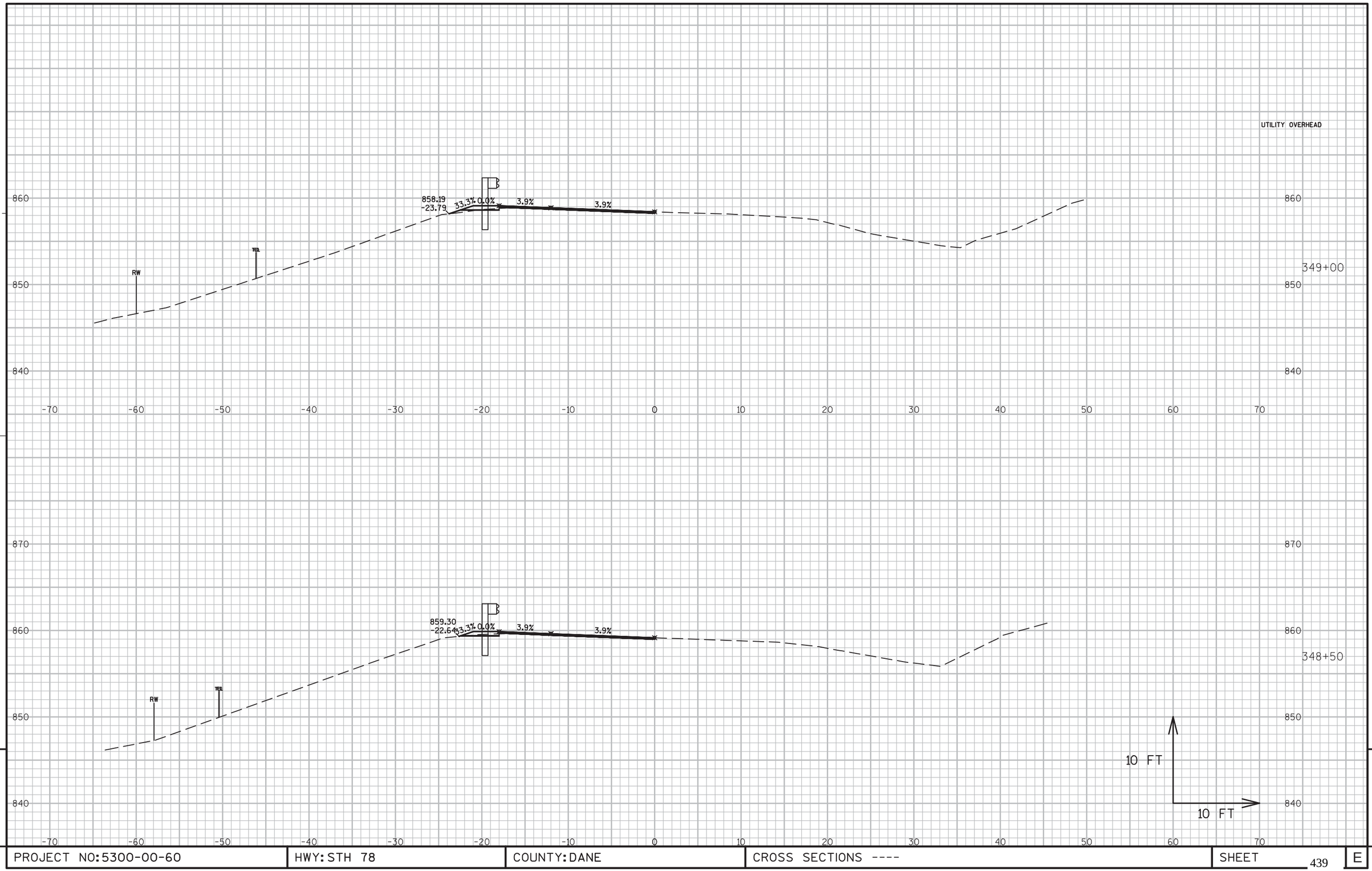
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 438	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

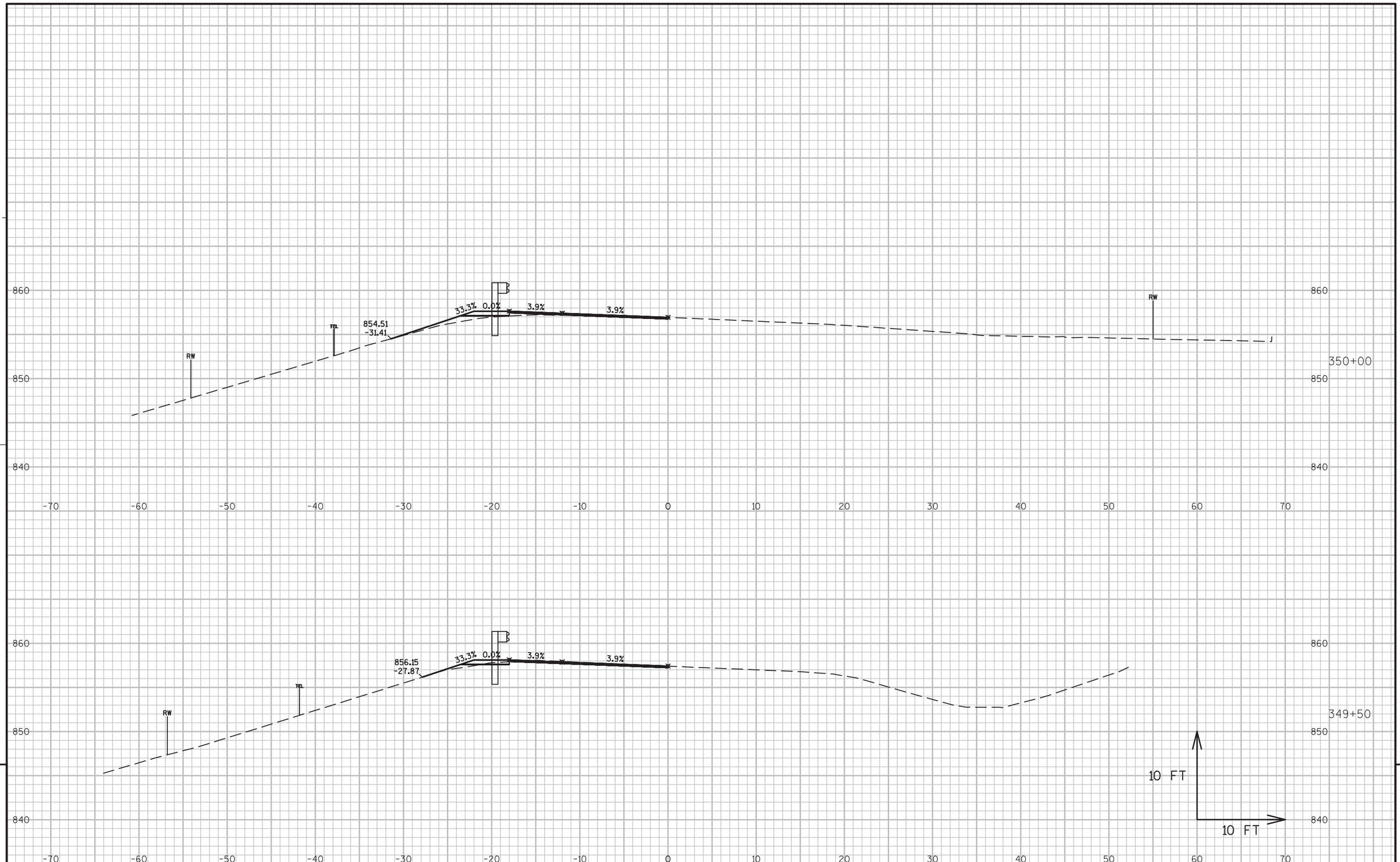
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 439	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

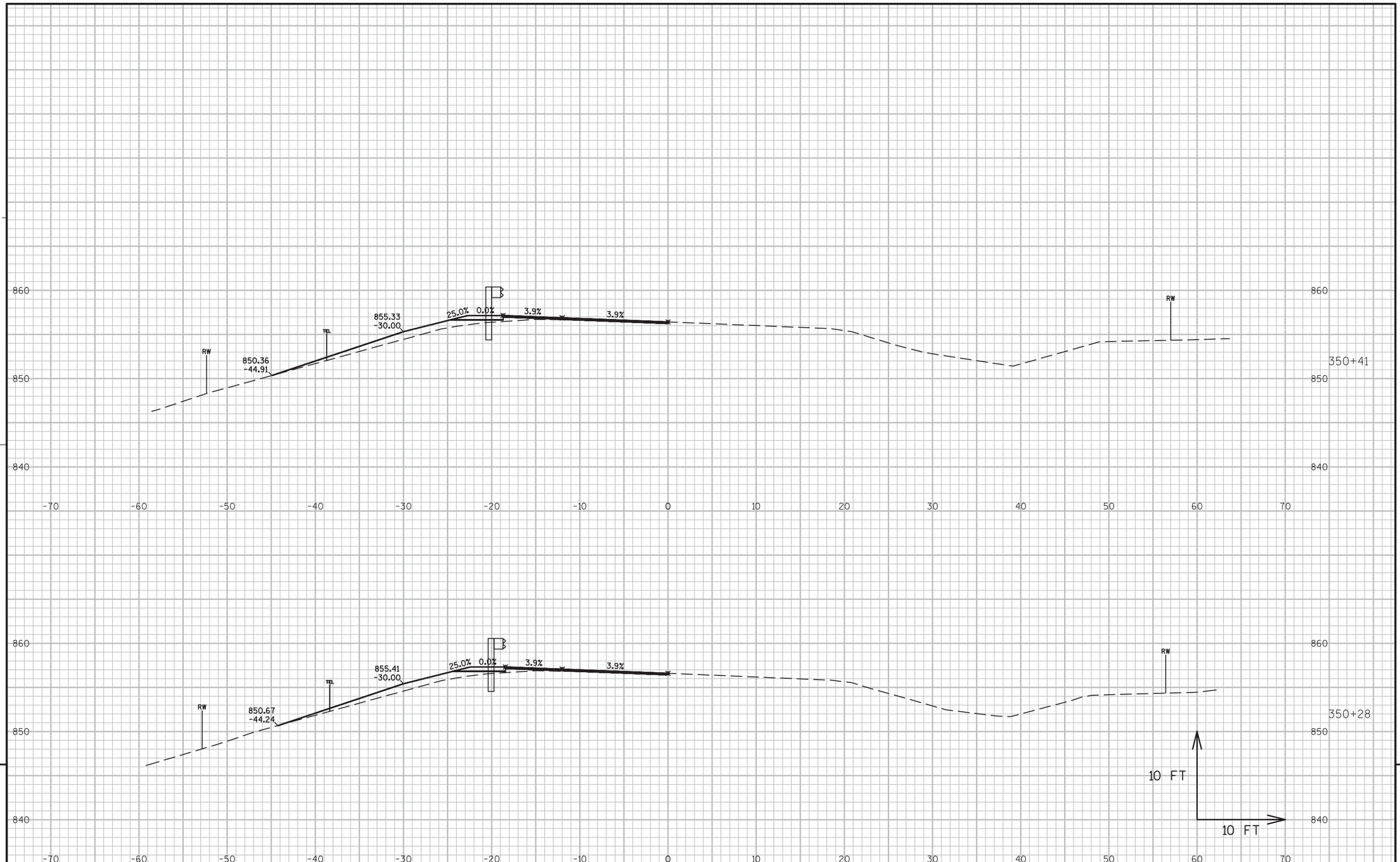


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 440	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

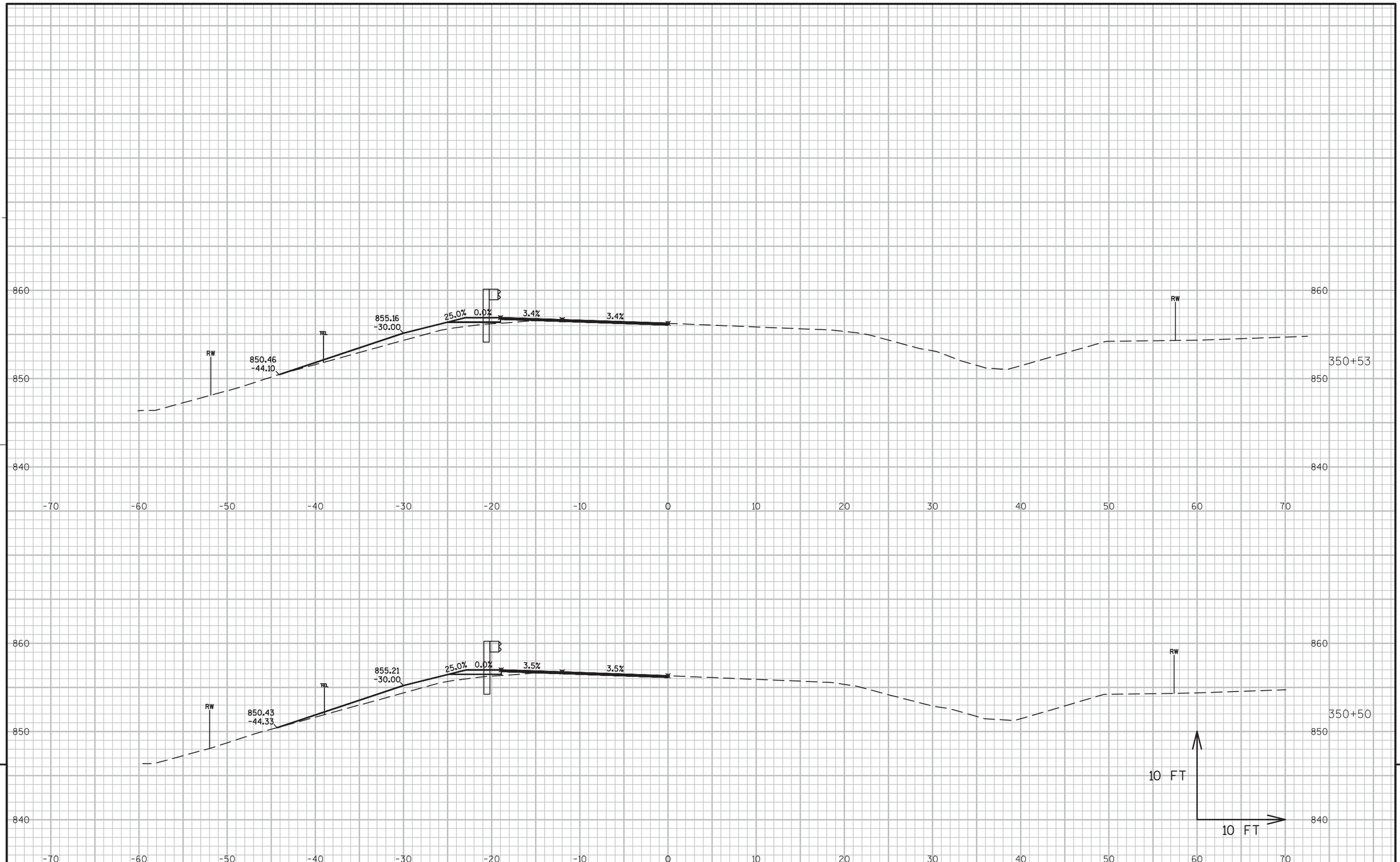


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 441	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

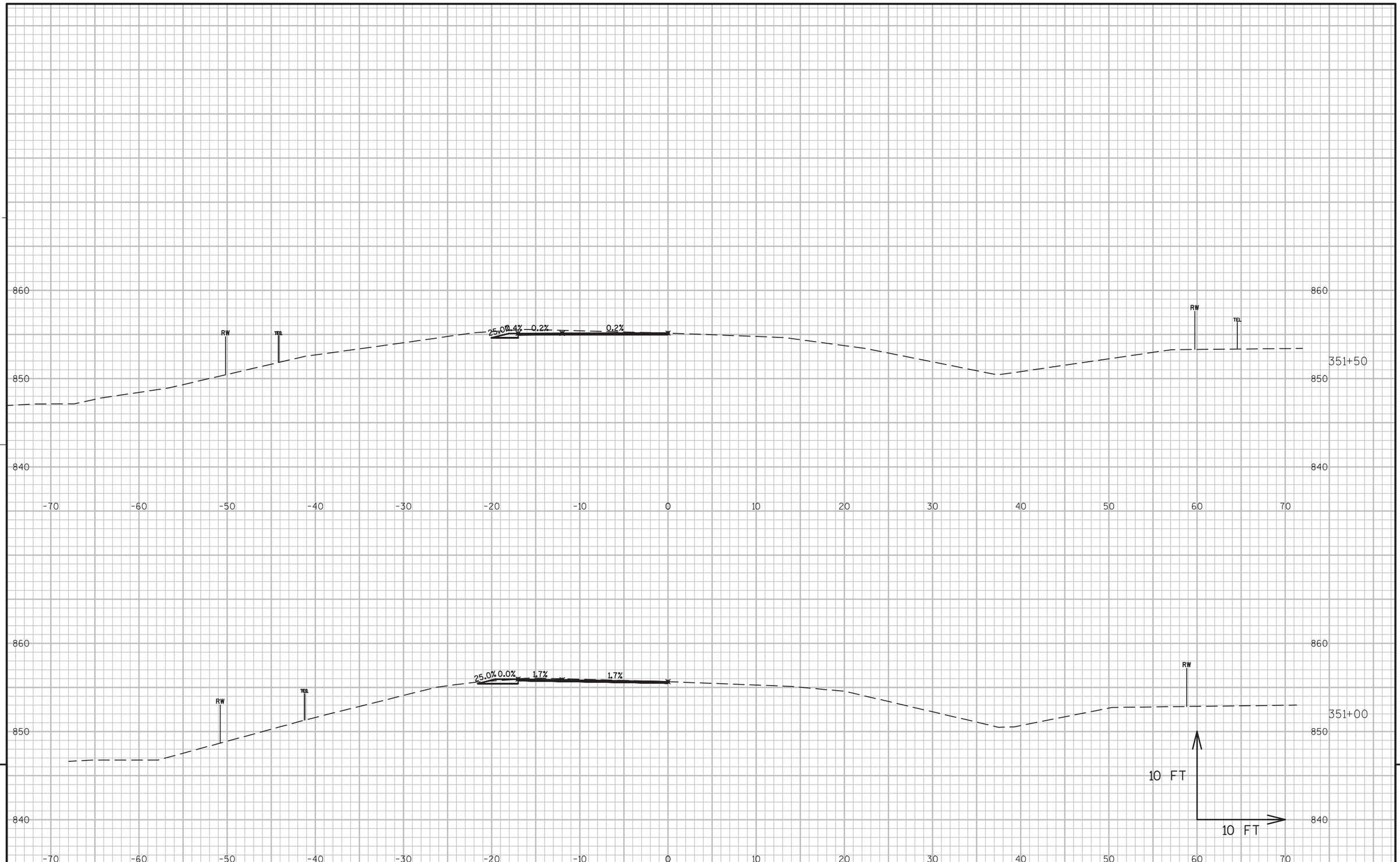


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 442	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

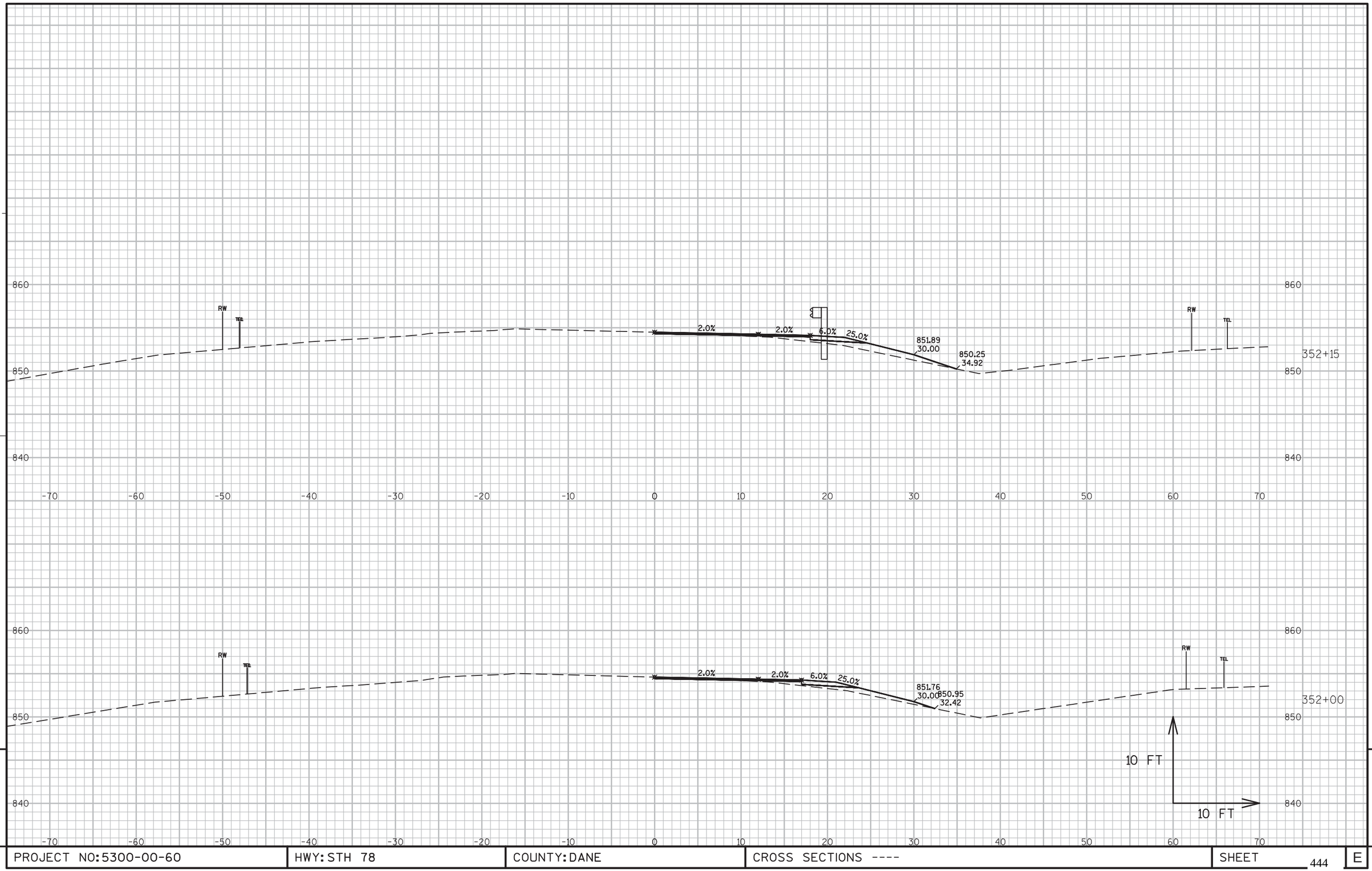


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 443	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

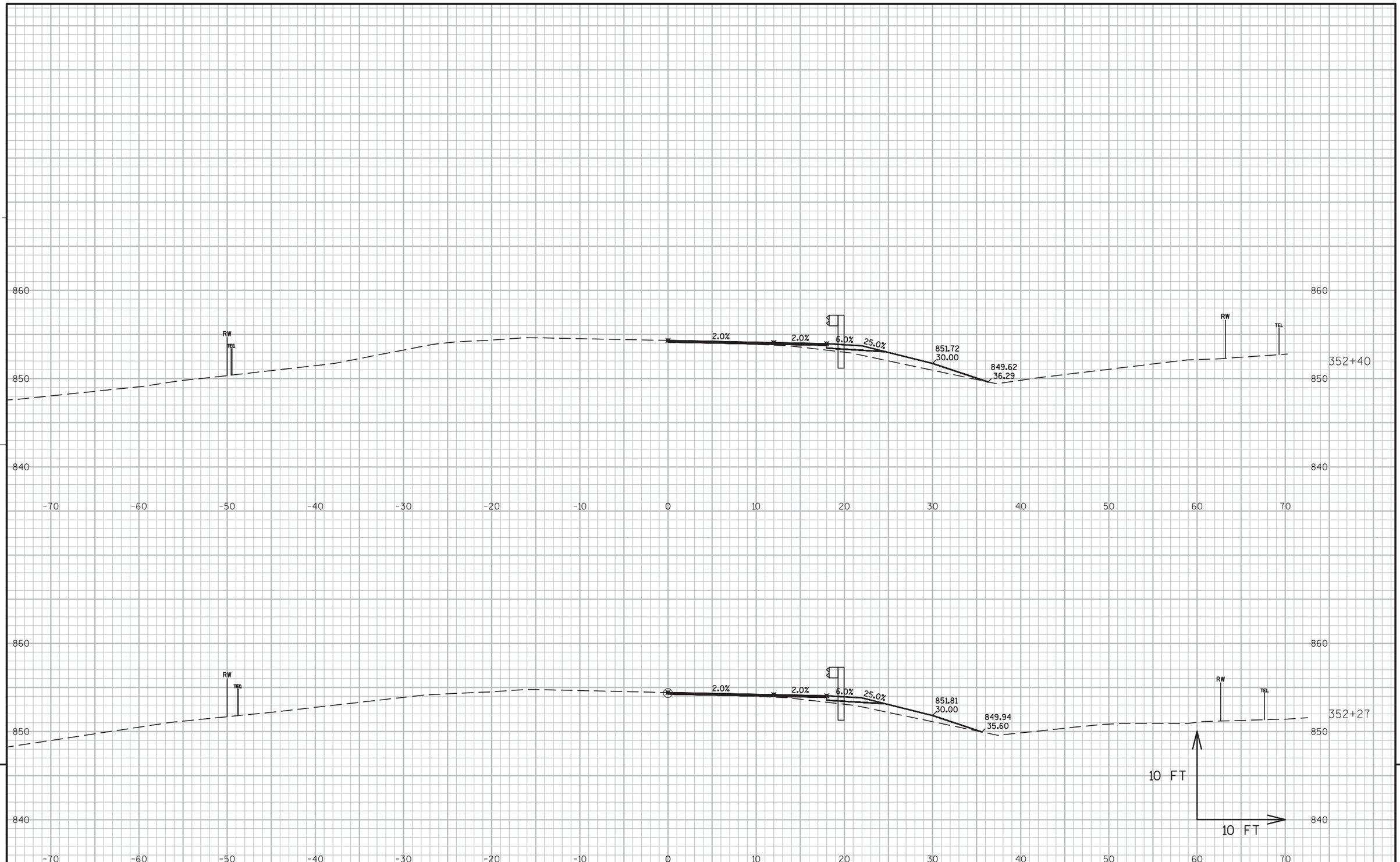
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 444	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:56 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 445	E

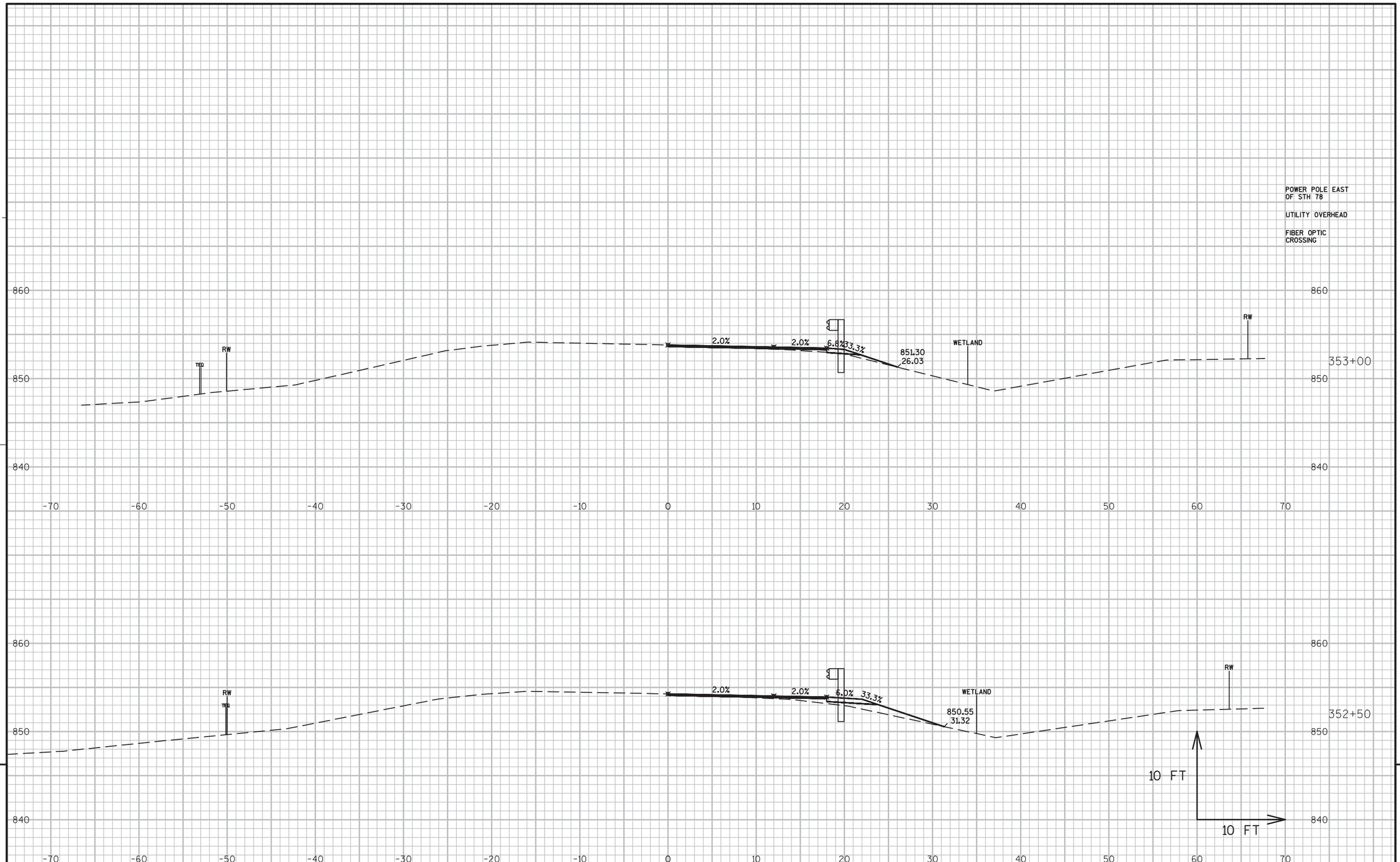
FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:57 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

POWER POLE EAST
OF STH 78

UTILITY OVERHEAD

FIBER OPTIC
CROSSING



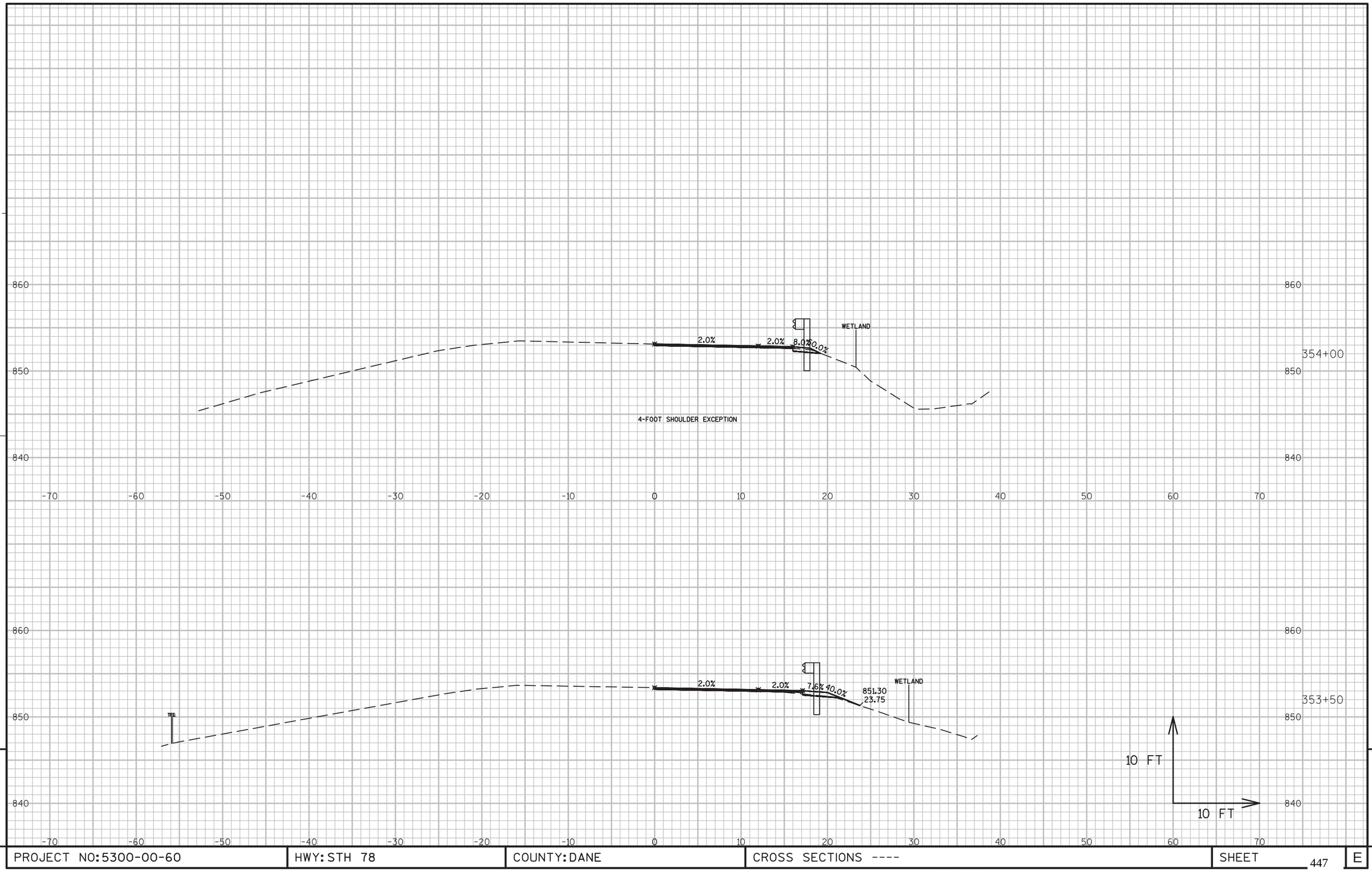
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 446	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 10:57 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



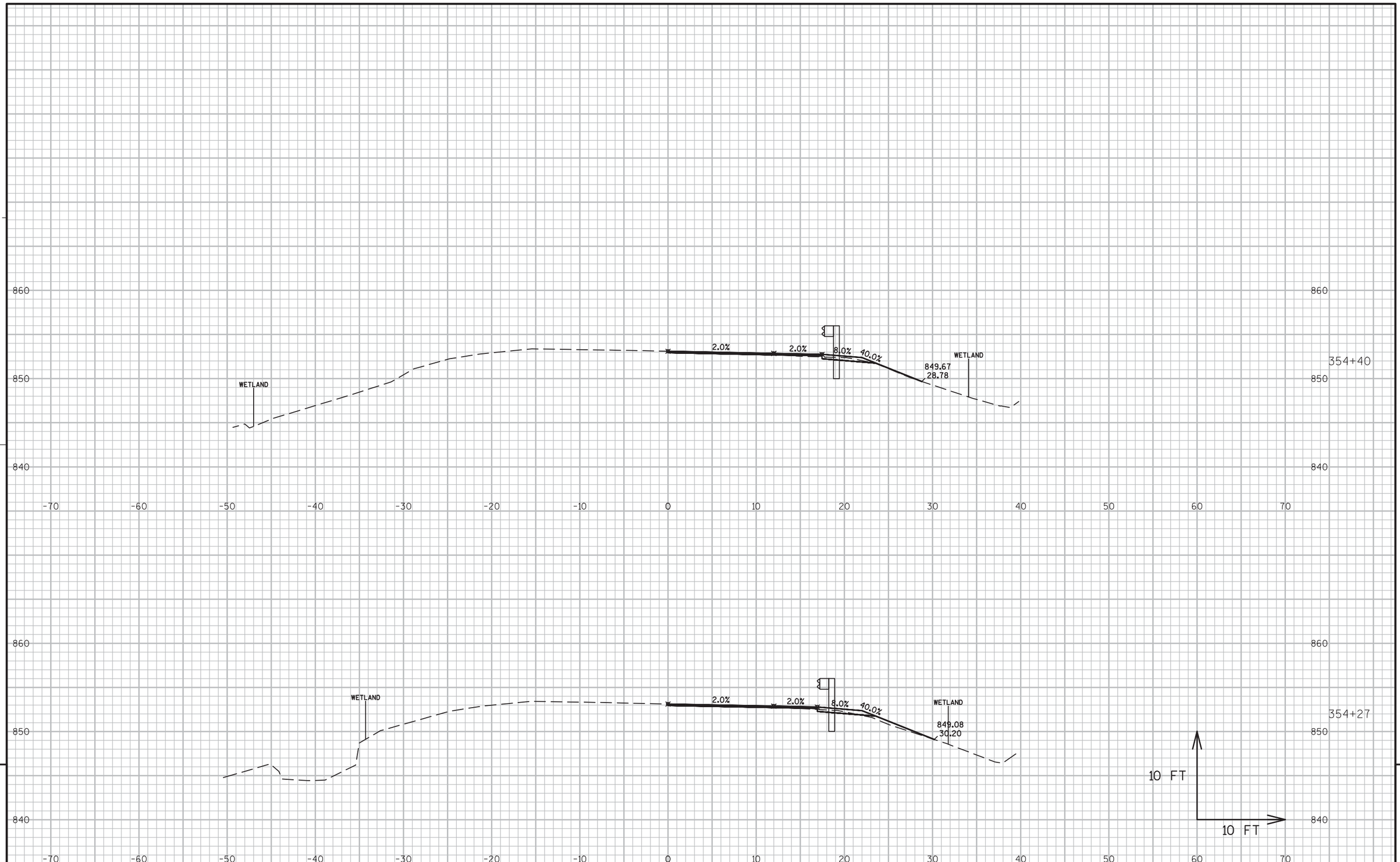
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 447	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 326-355

PLOT DATE : 3/2/2016 11:11 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

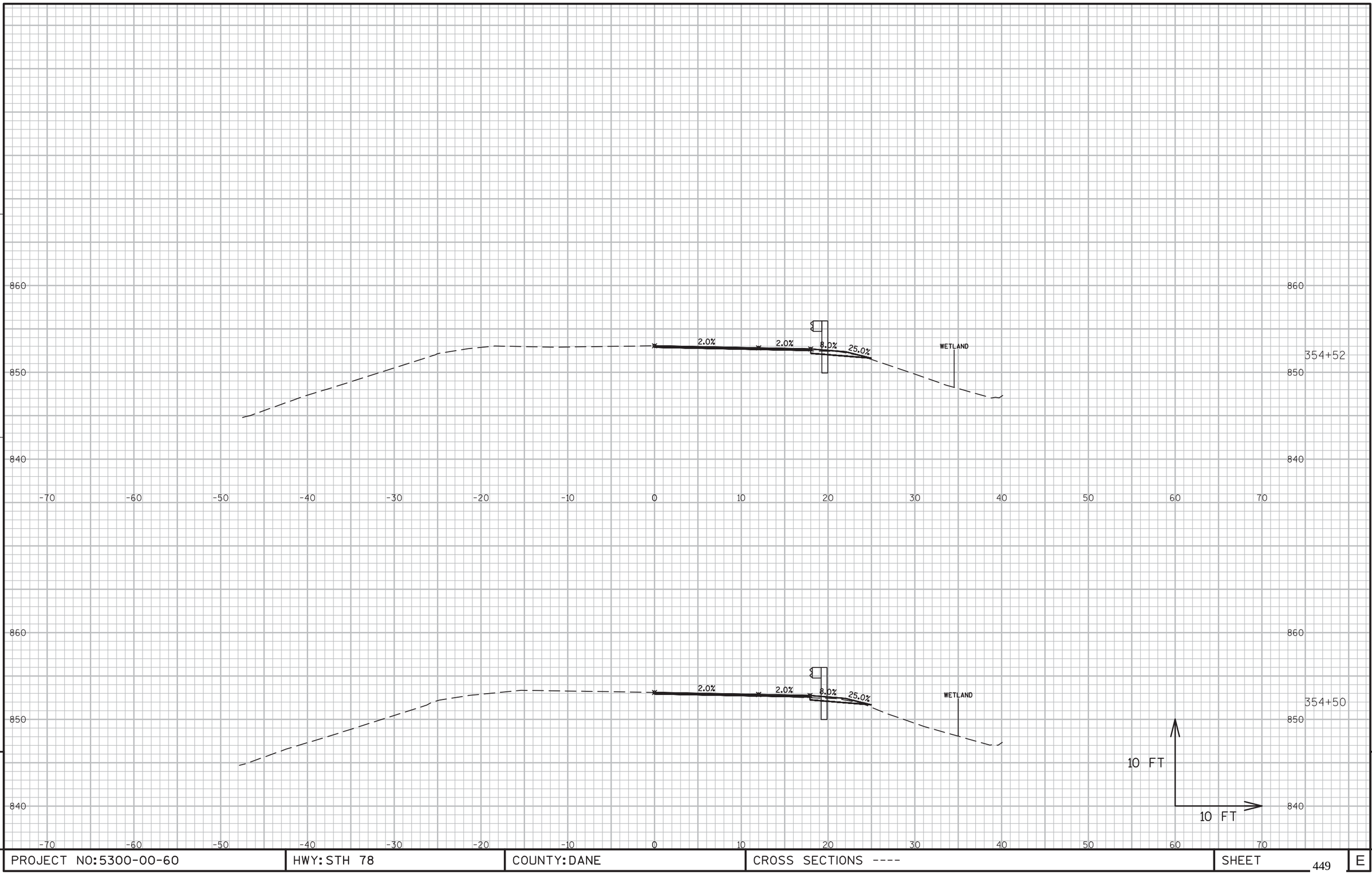


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 448	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 354-355

PLOT DATE : 3/2/2016 11:04 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

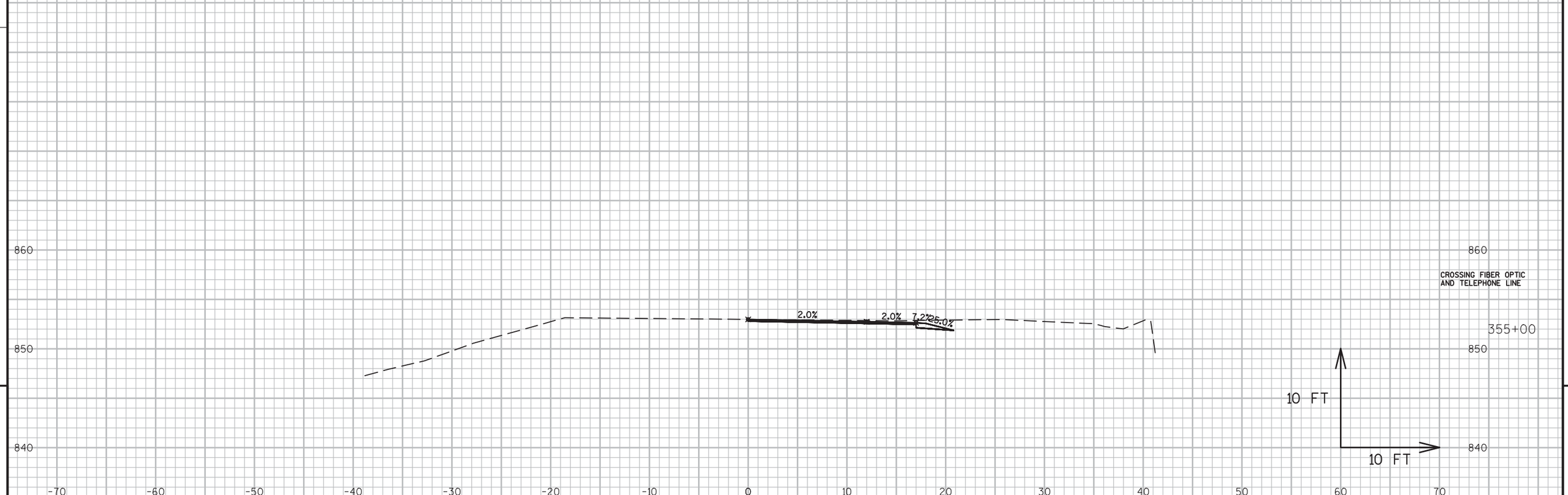
WISDOT/CADDS SHEET 49



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 449	E



9

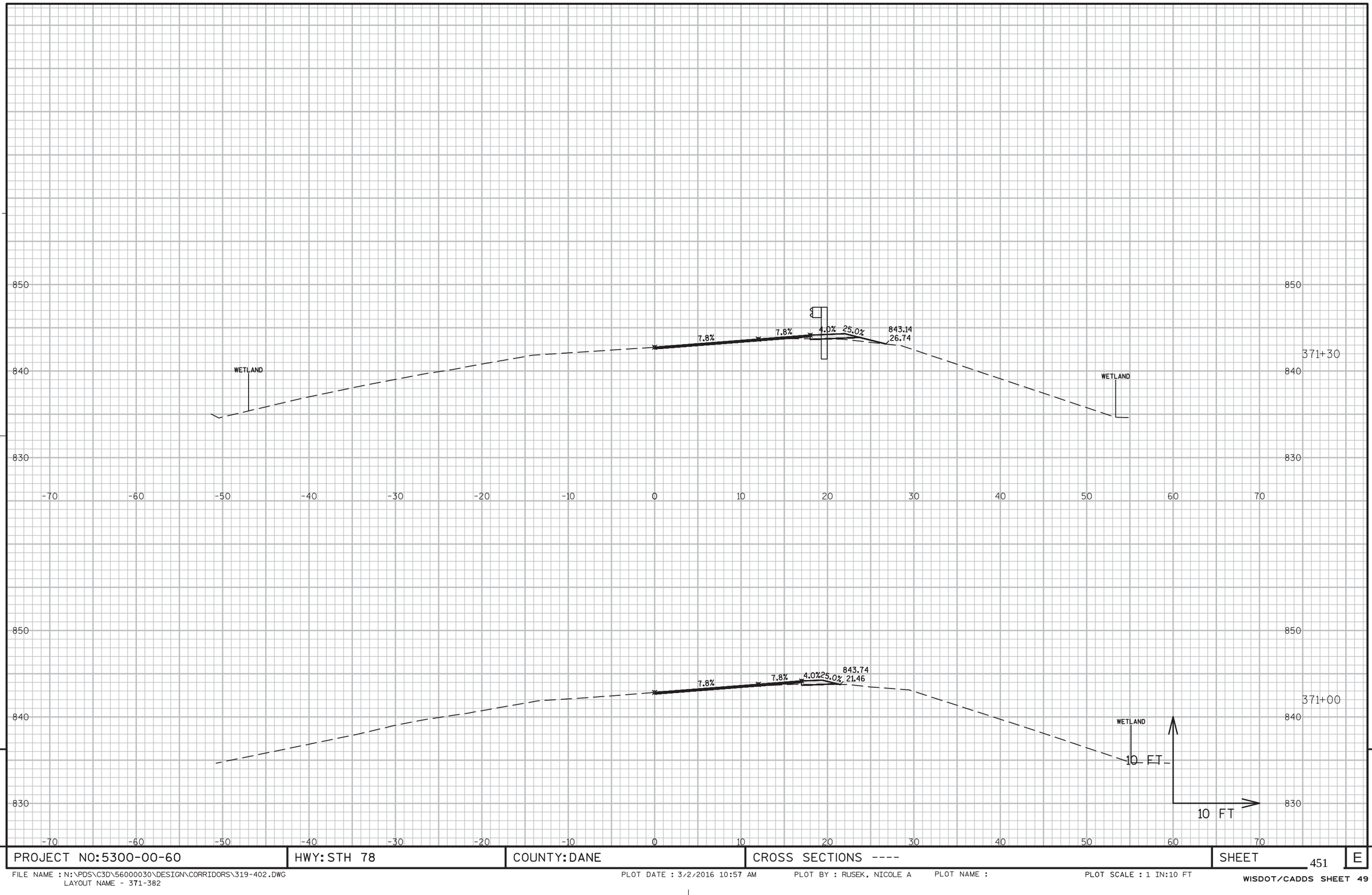
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 450	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 354-355

PLOT DATE : 3/2/2016 11:04 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

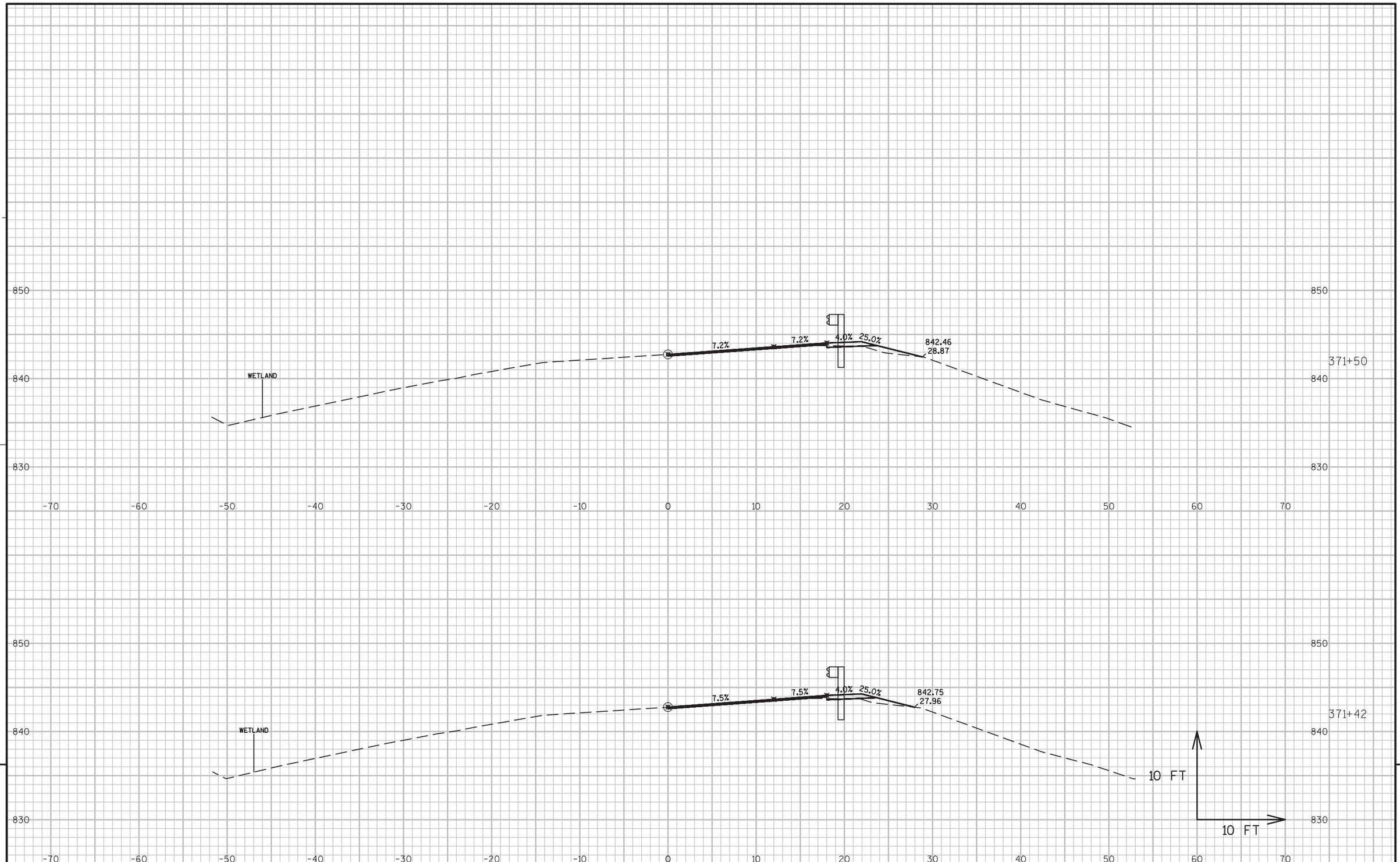
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 451	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:57 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



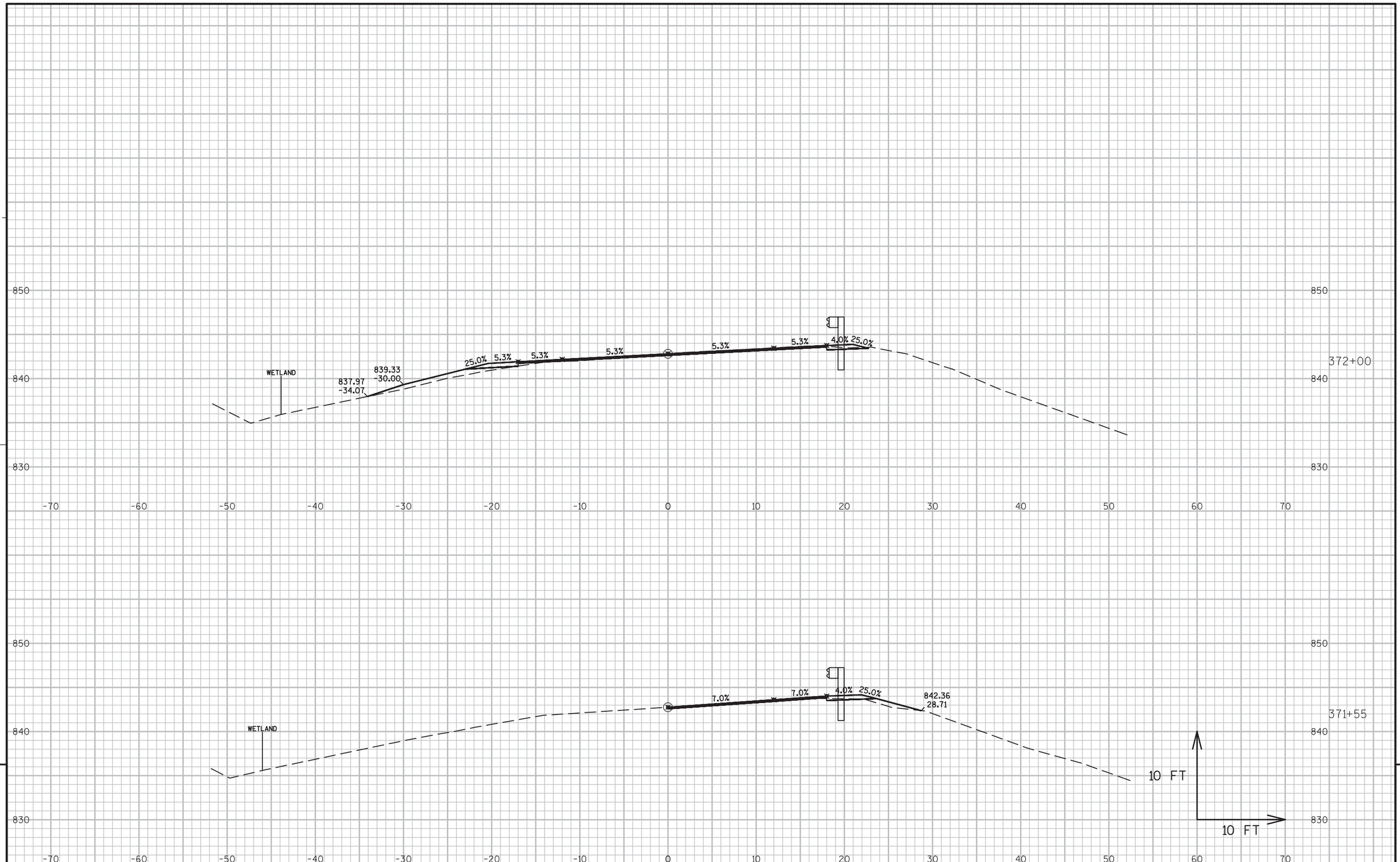
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 452	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:57 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



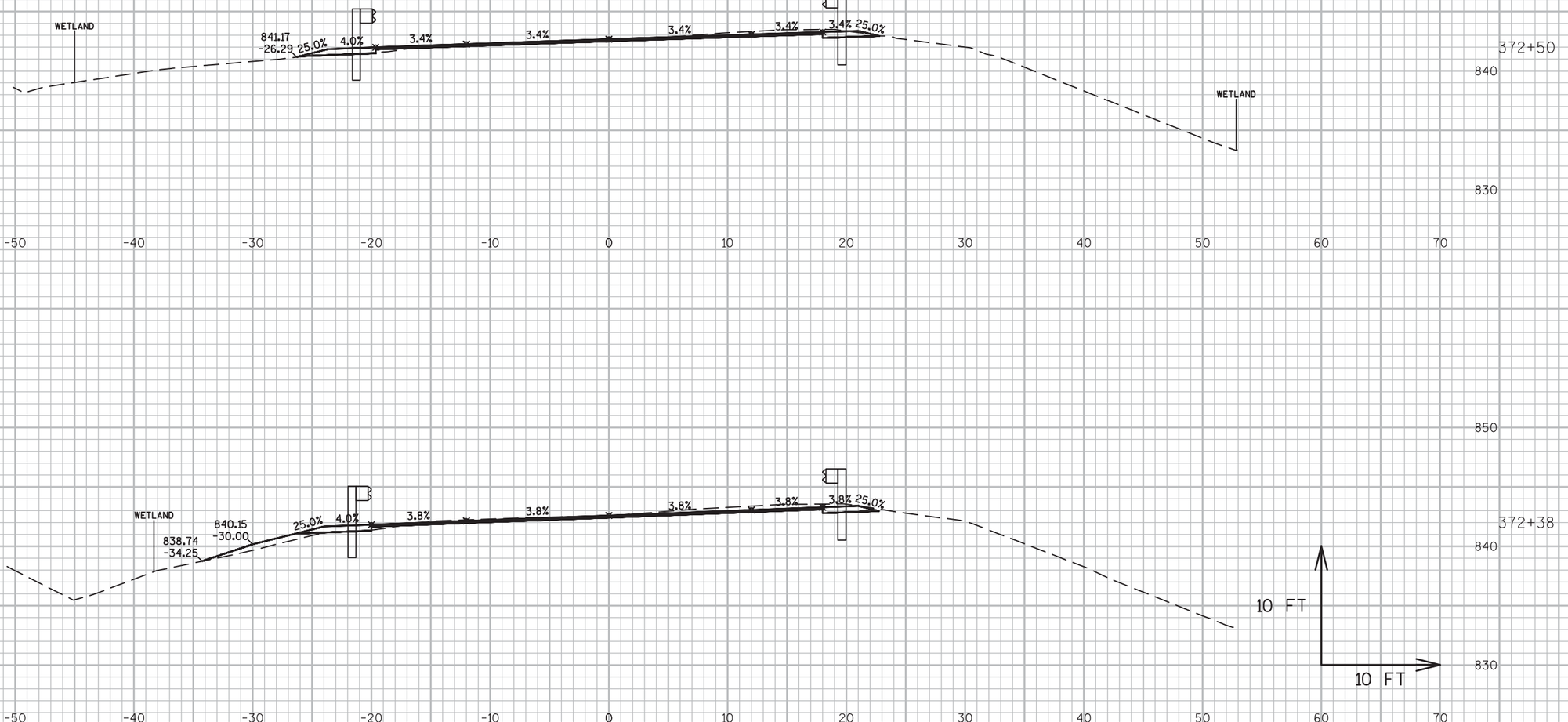
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 453	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:57 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

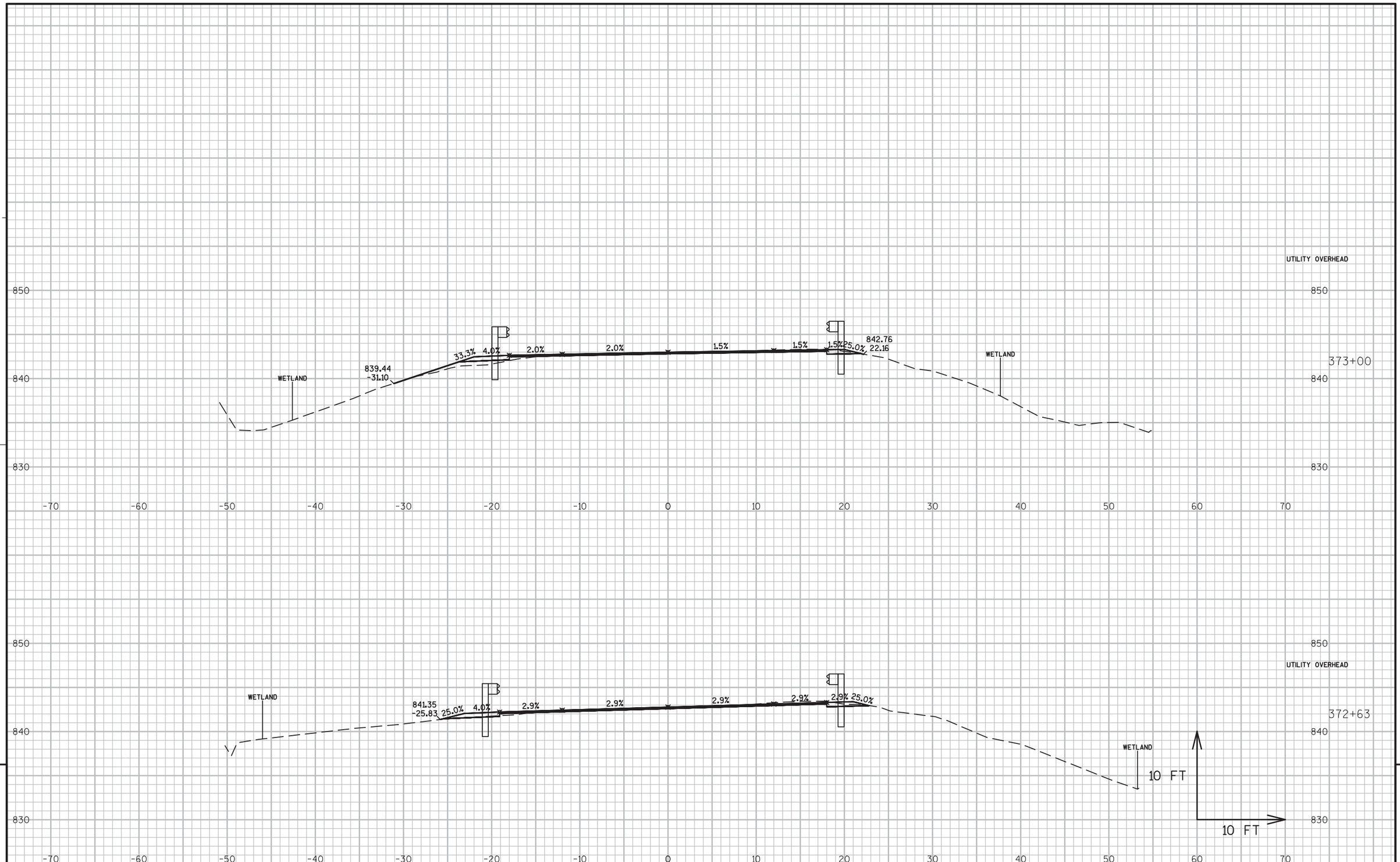


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 454	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:58 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

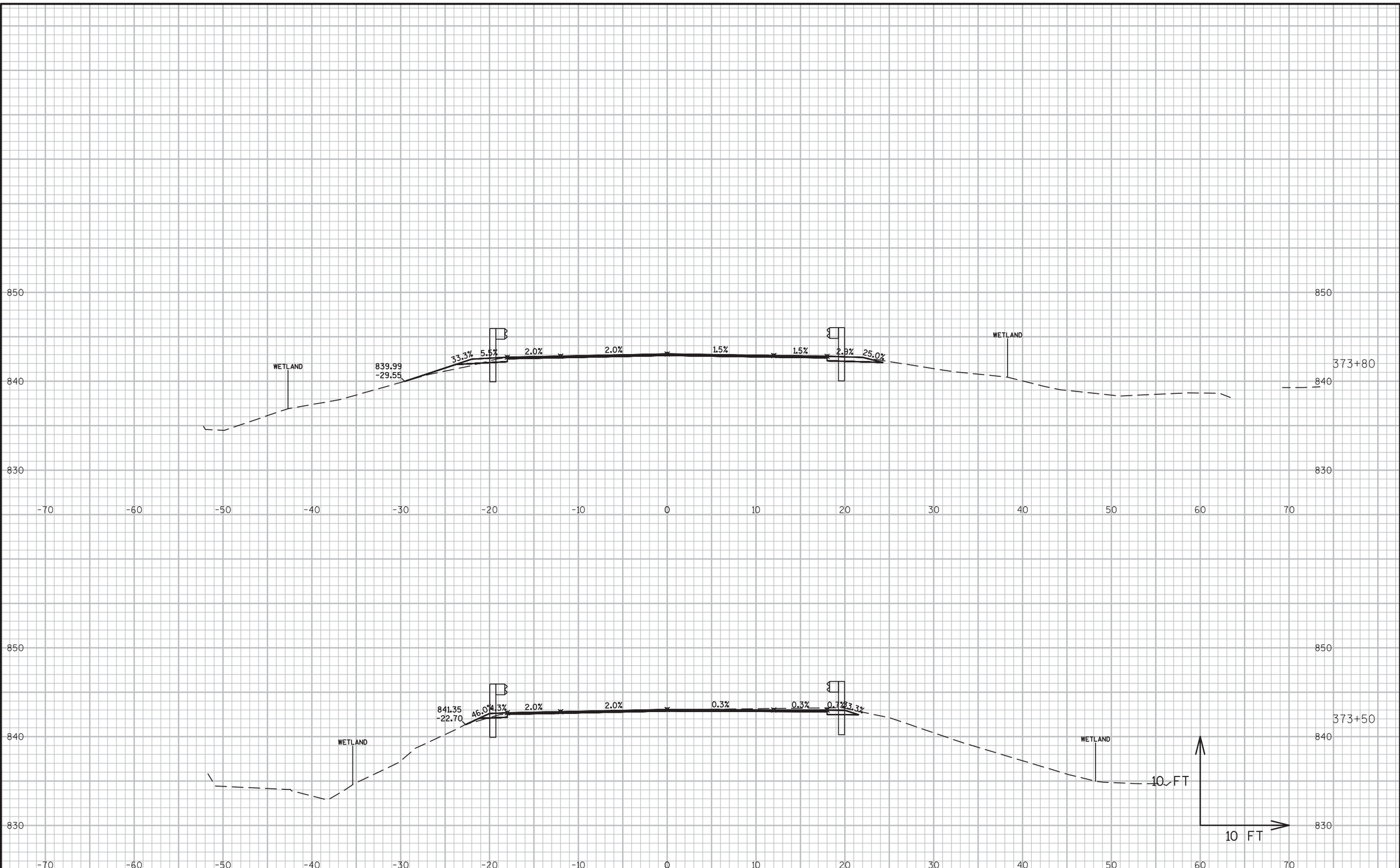


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 455	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:58 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

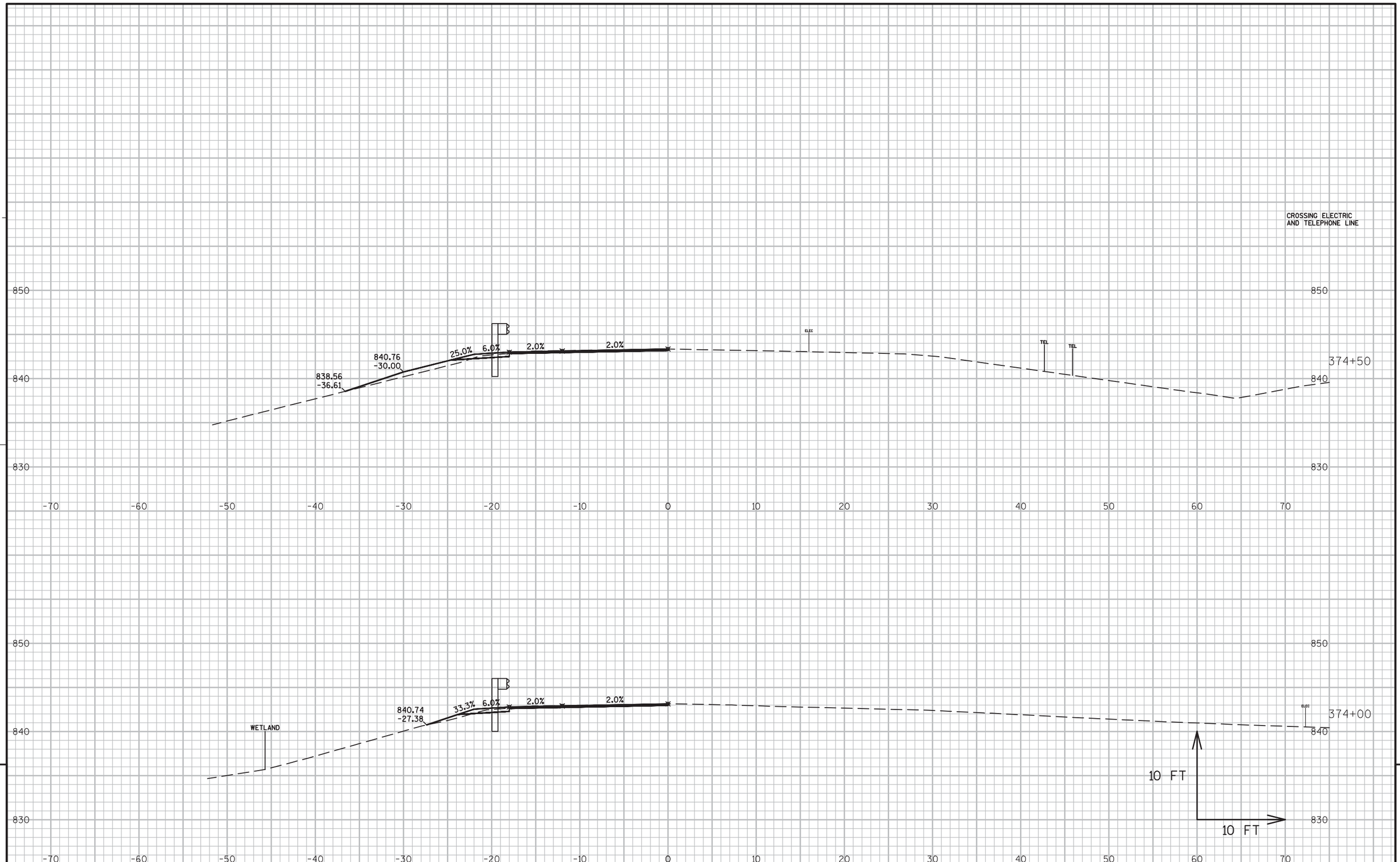
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 456	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:58 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

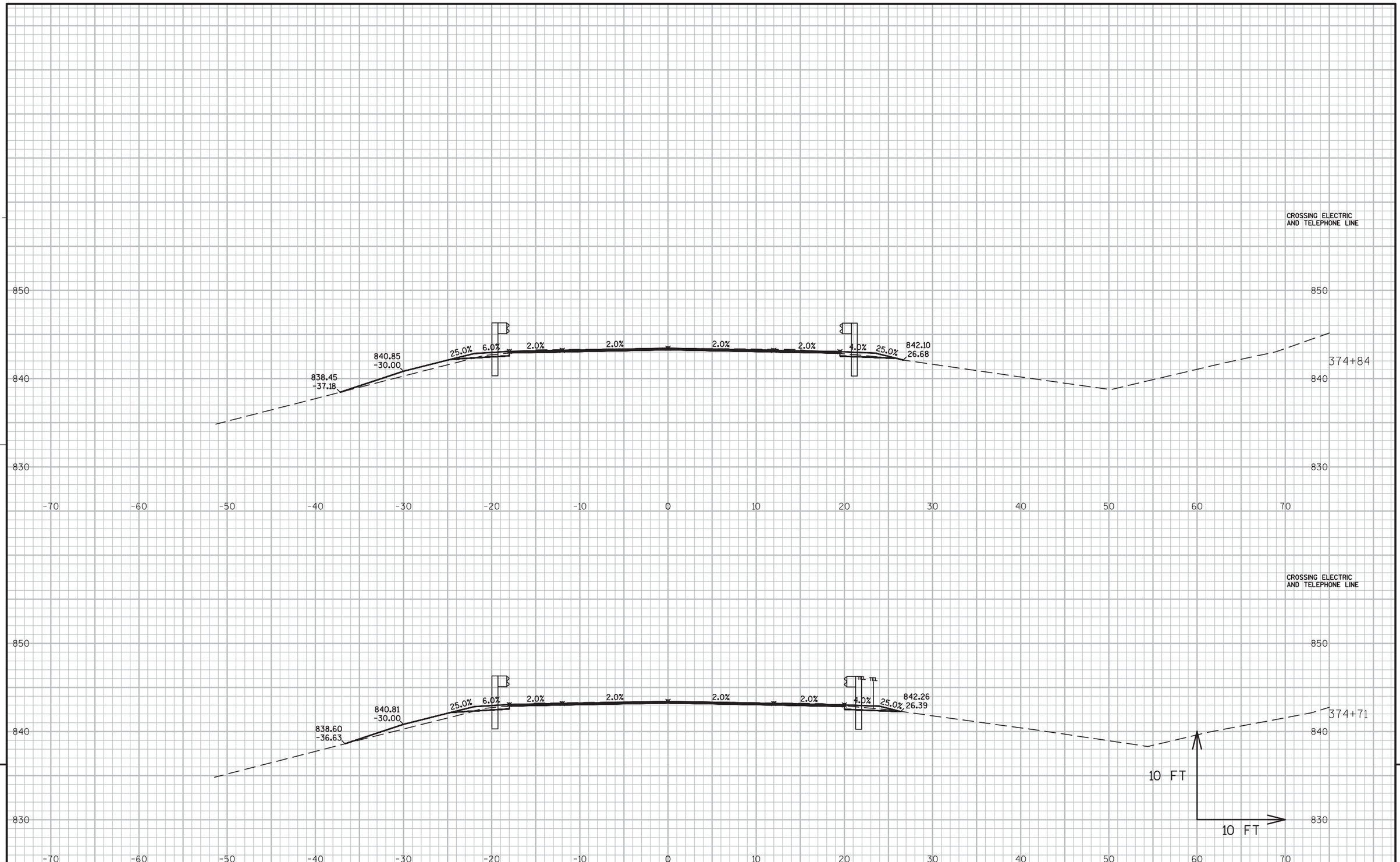


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 457	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:58 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

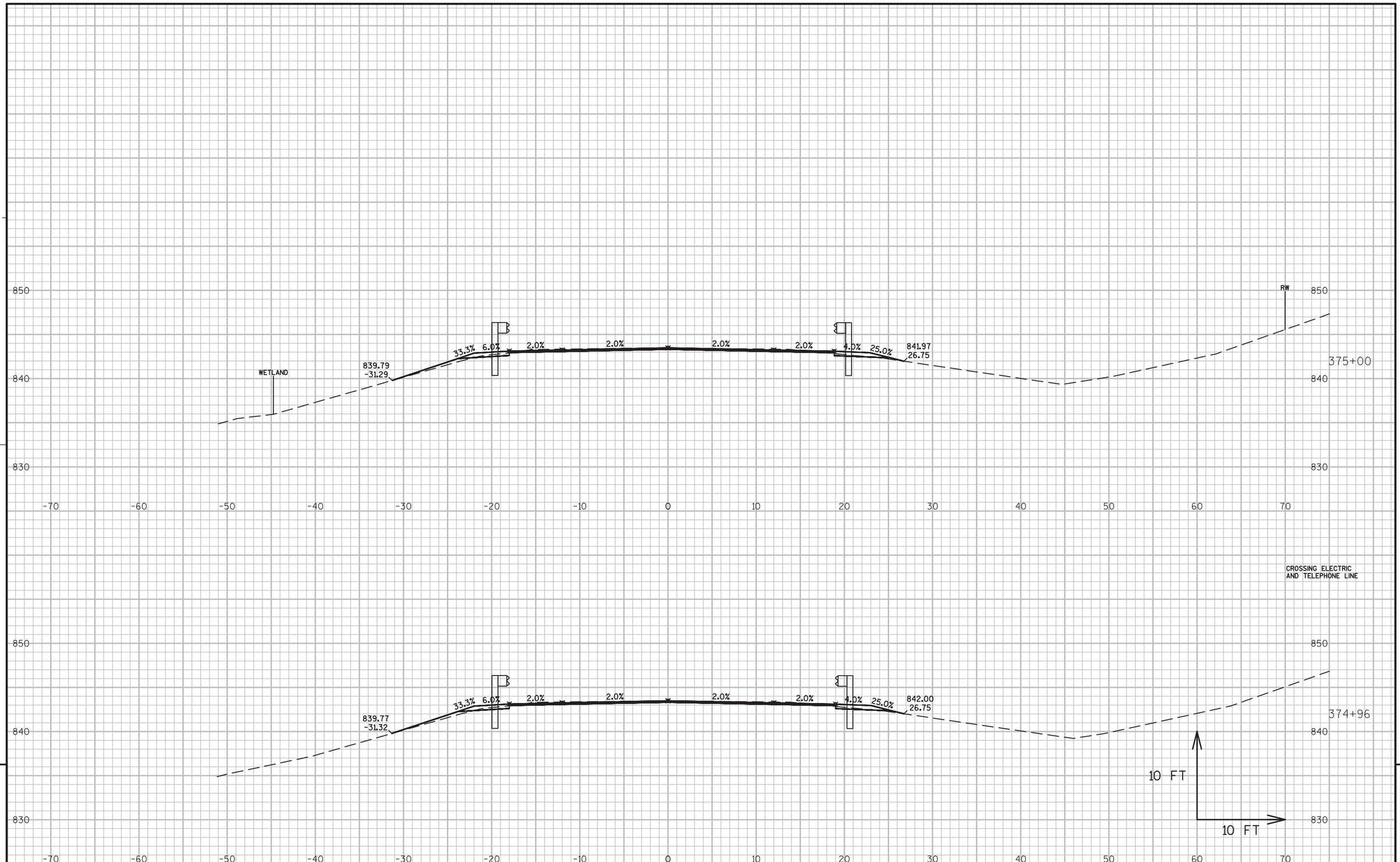
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 458	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:58 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

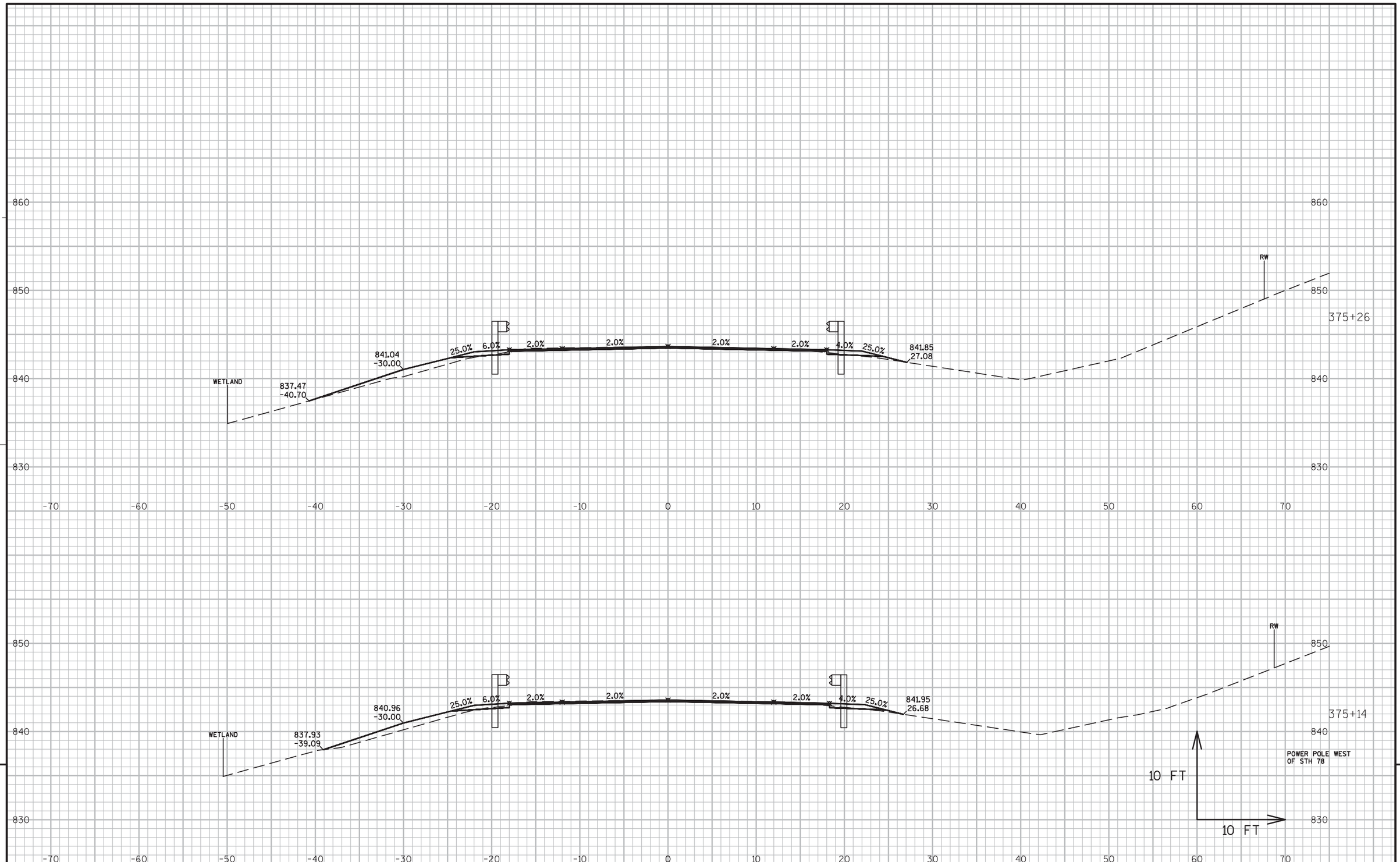


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 459	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:59 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

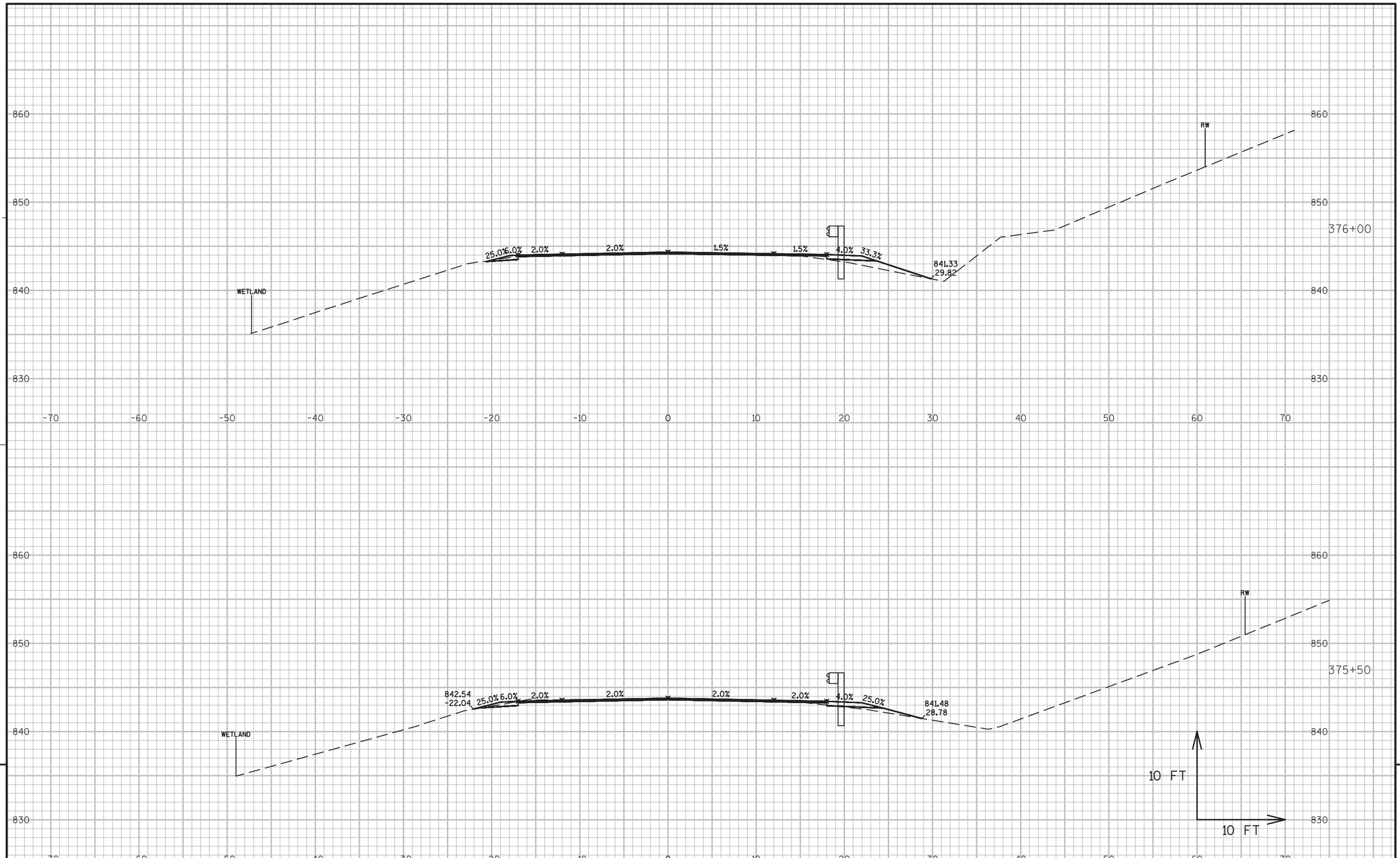


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 460	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:59 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

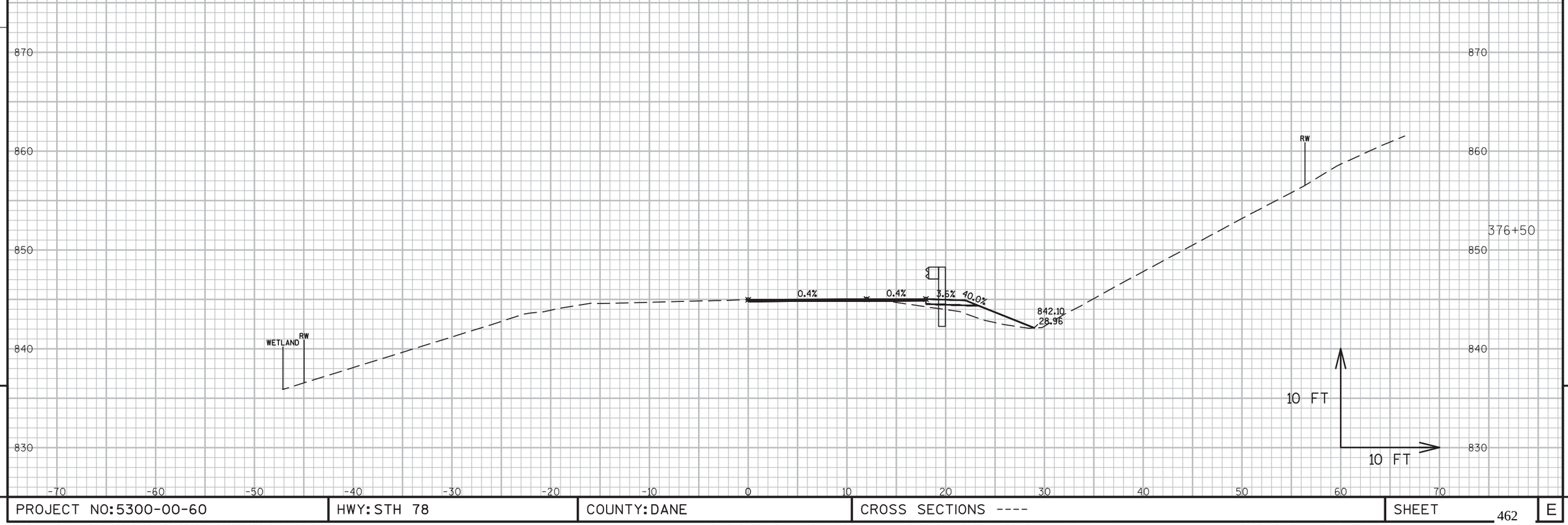
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 461	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:59 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



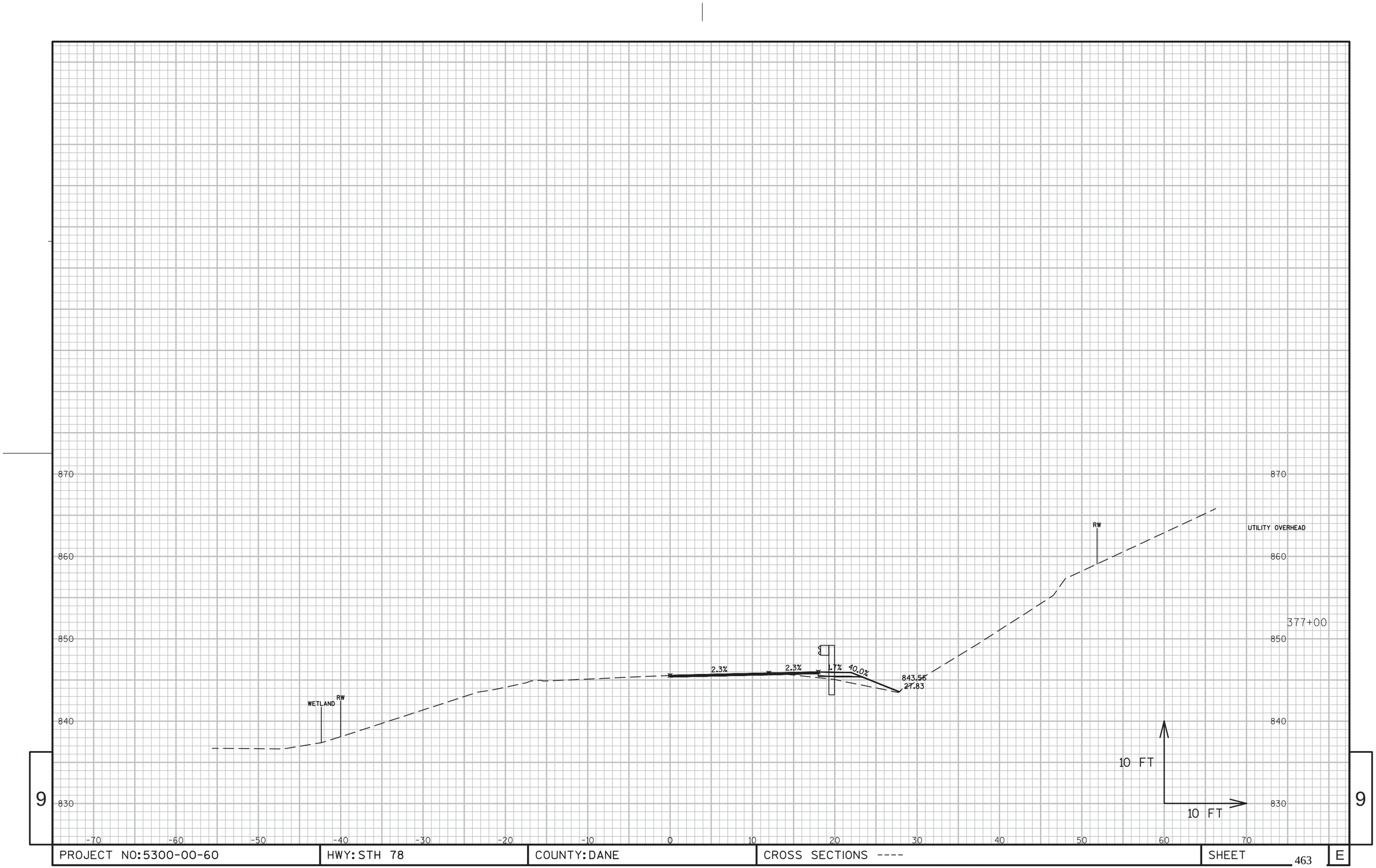
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 462	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:59 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



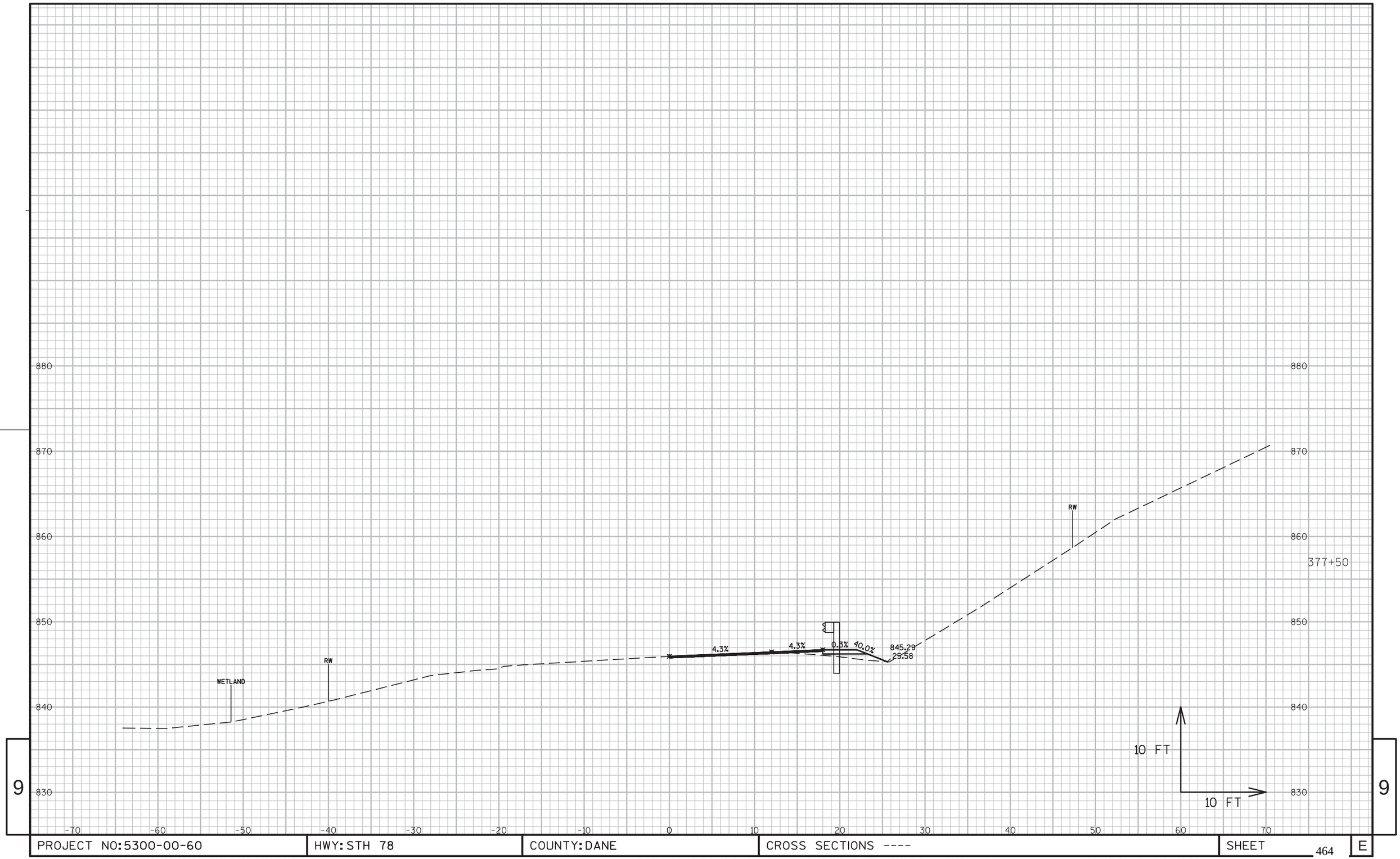
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 463	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 10:59 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

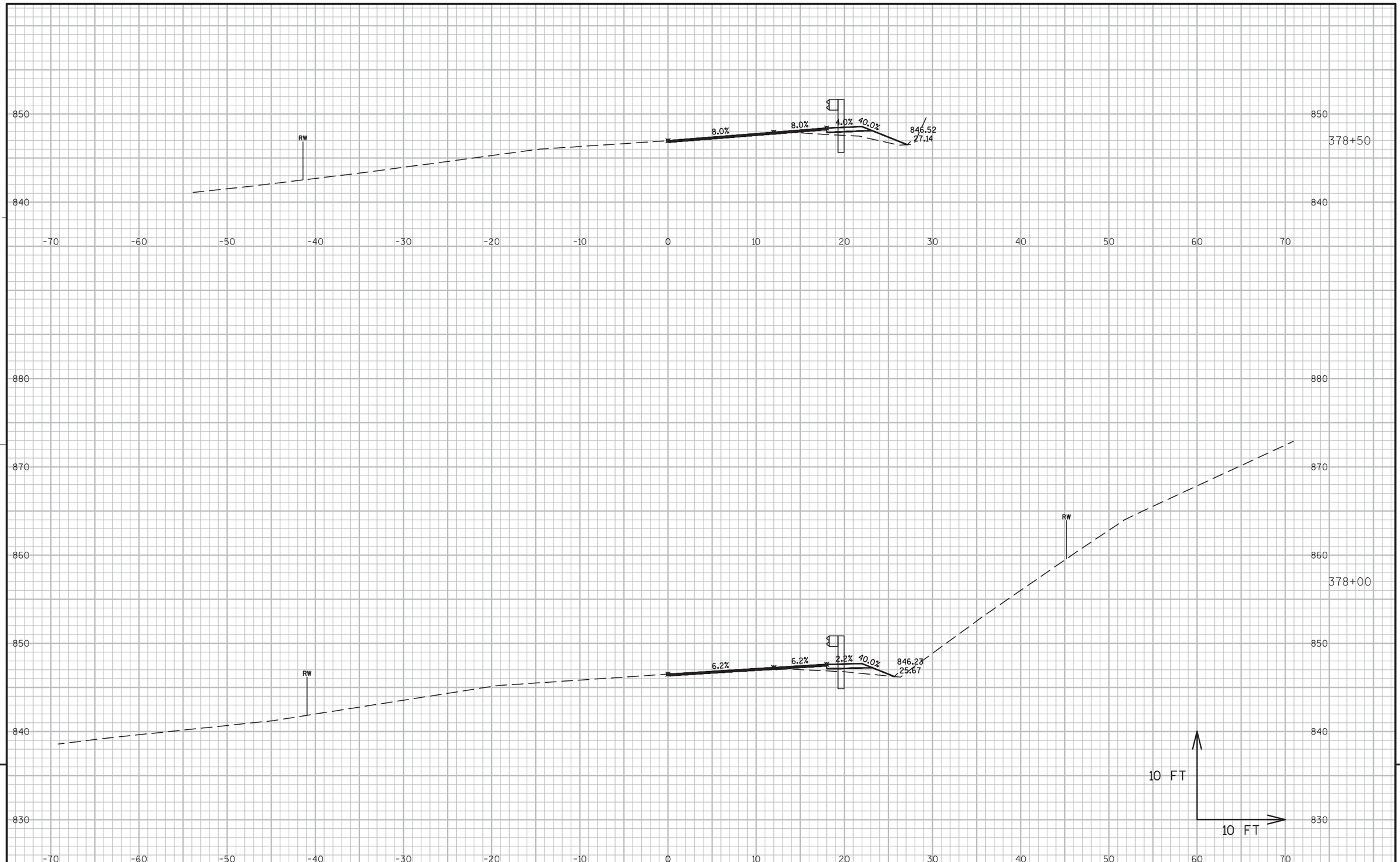
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 464	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 11:00 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

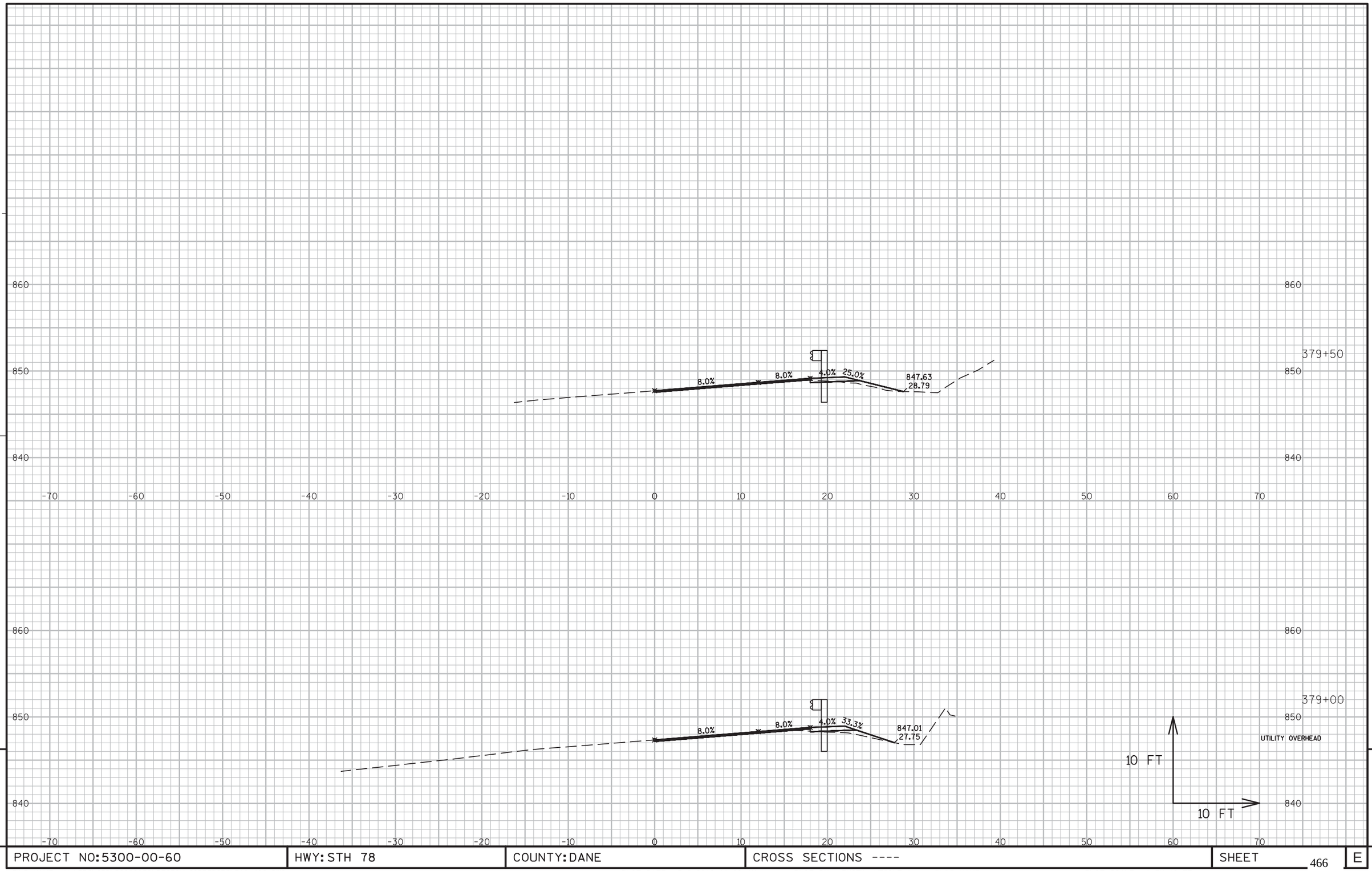
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 465	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 11:00 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

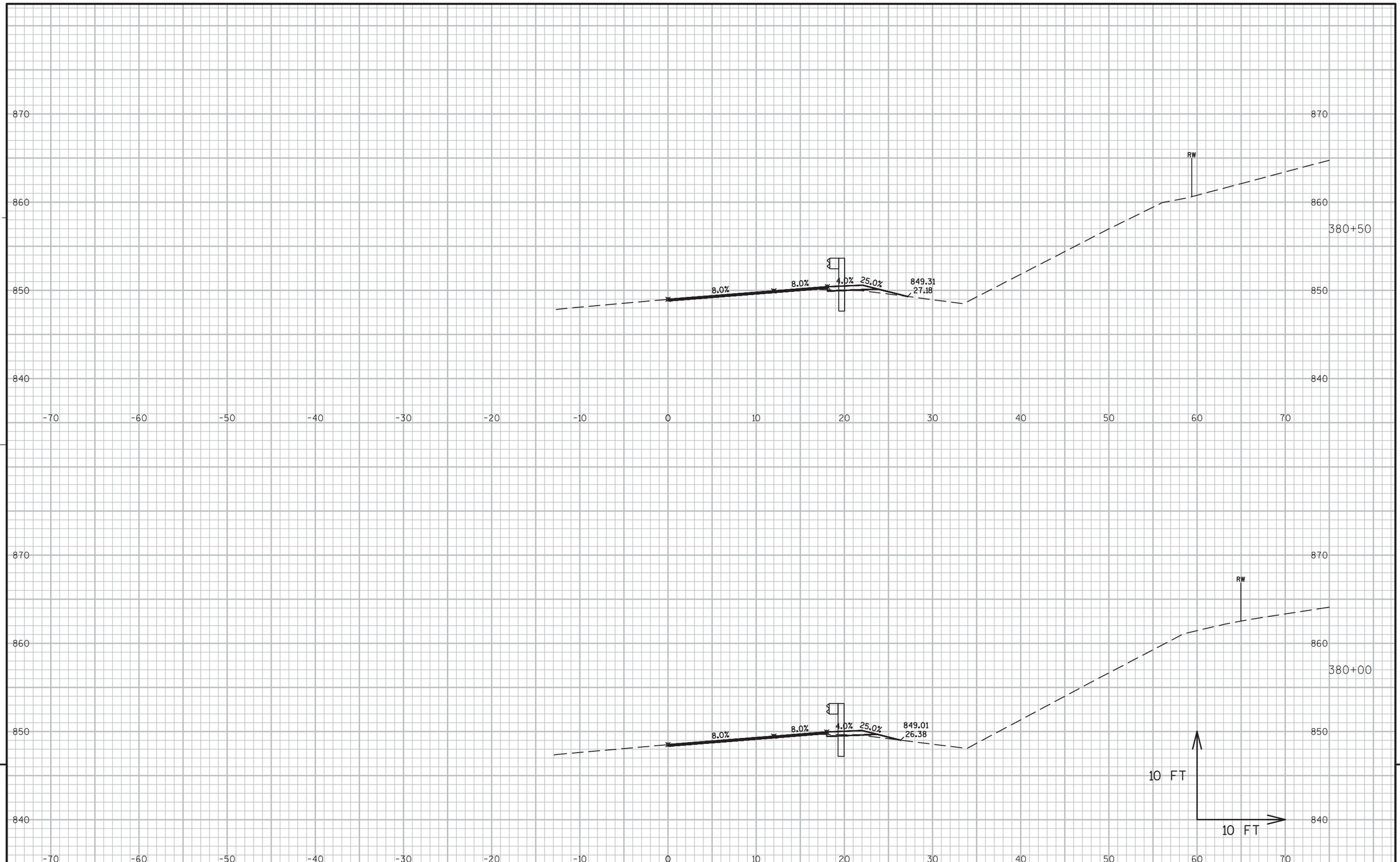
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 466	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 11:00 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

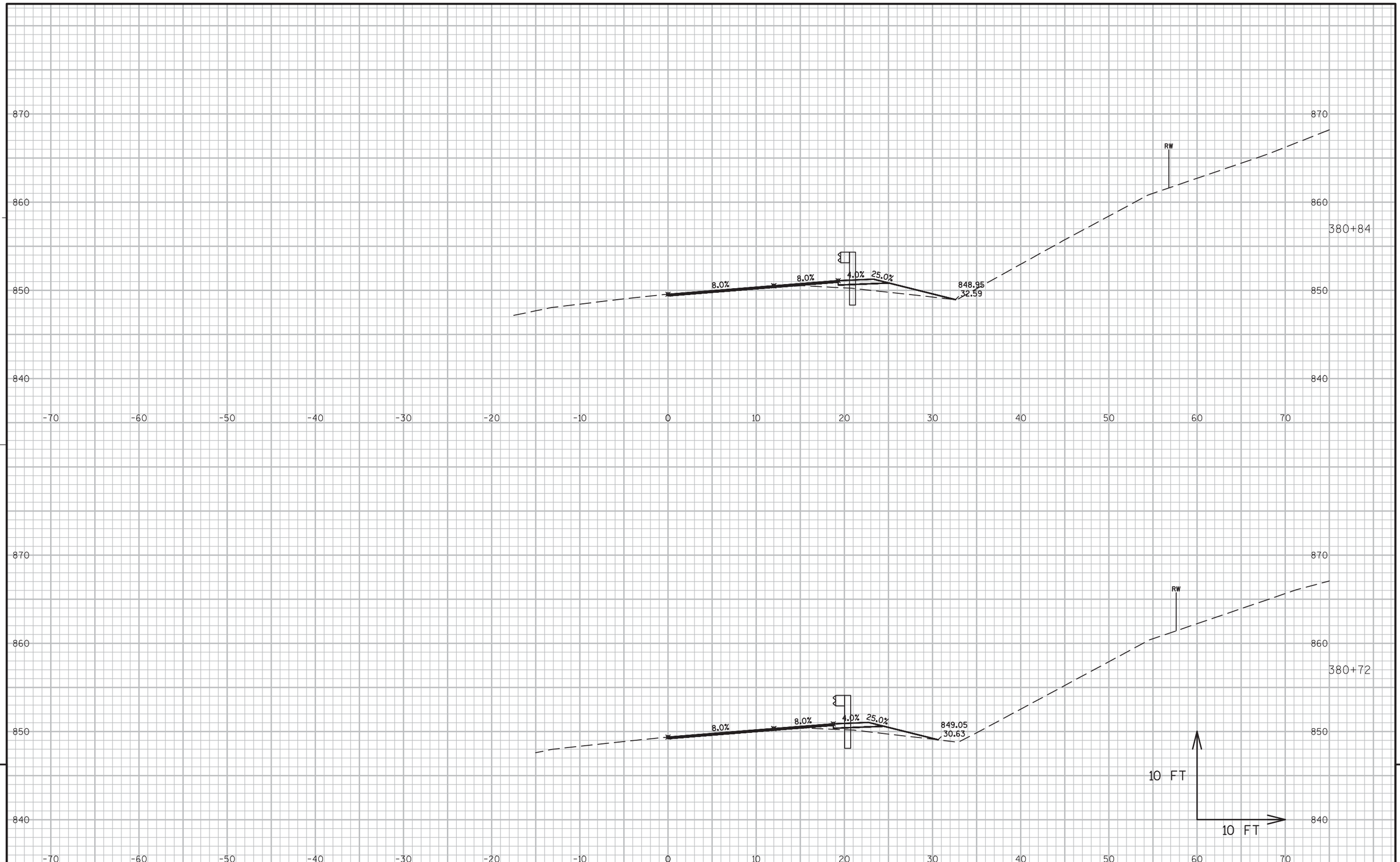


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 467	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 11:00 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

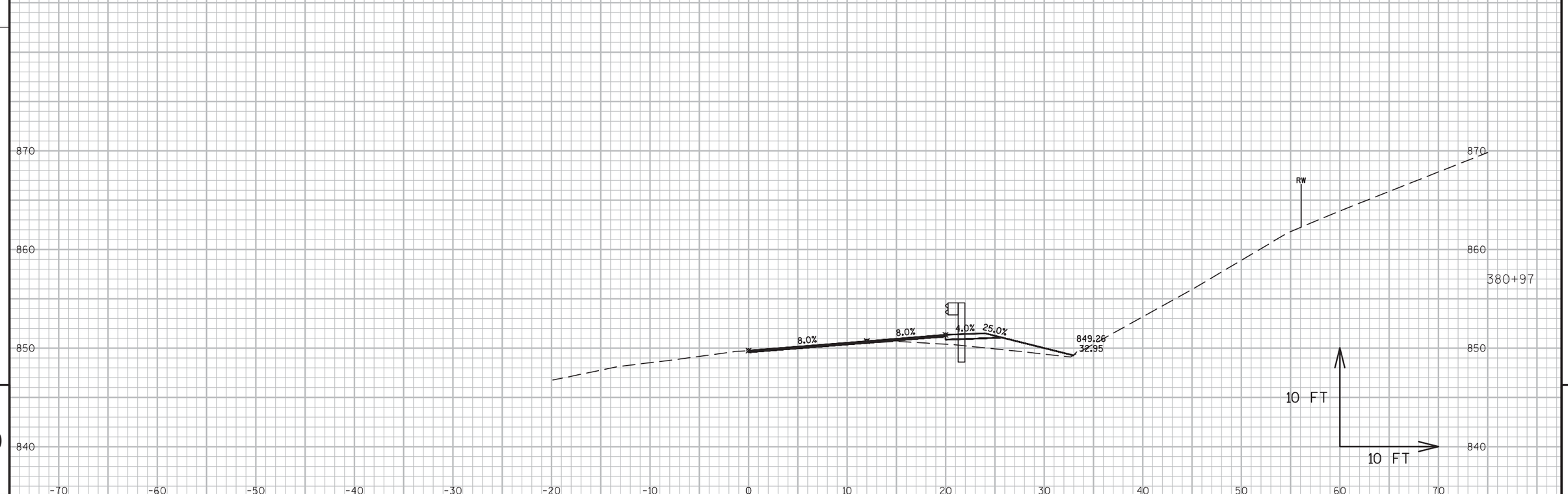


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 468	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 11:00 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

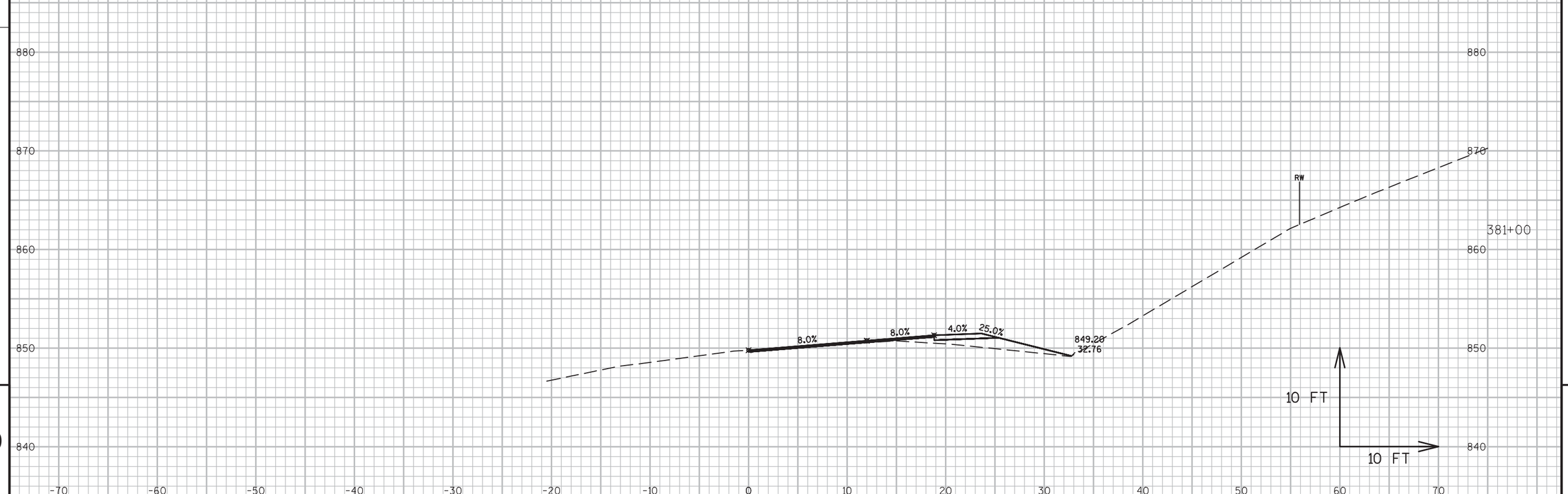
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 469	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

PLOT DATE : 3/2/2016 11:01 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

UTILITY OVERHEAD



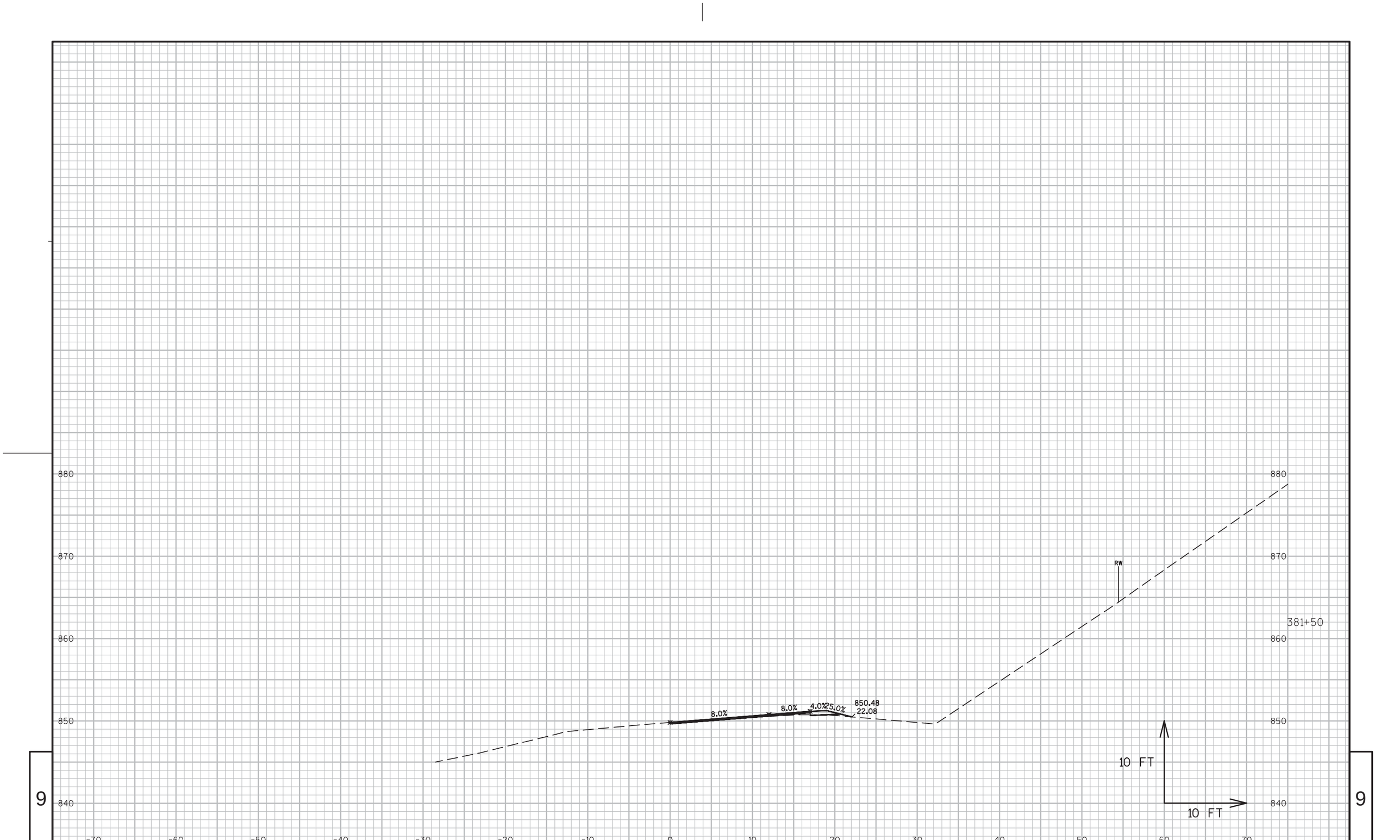
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 470	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 371-382

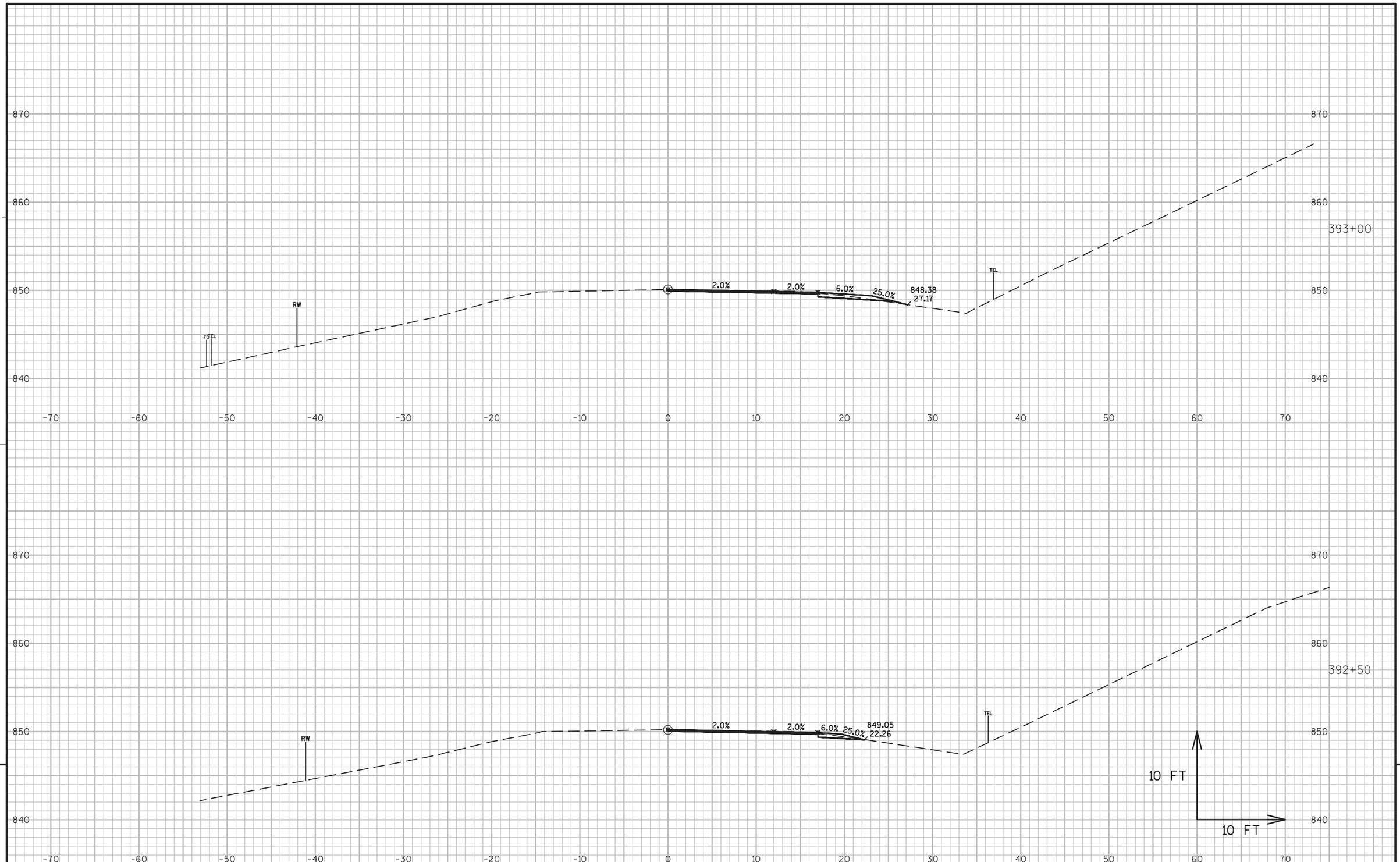
PLOT DATE : 3/2/2016 11:01 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

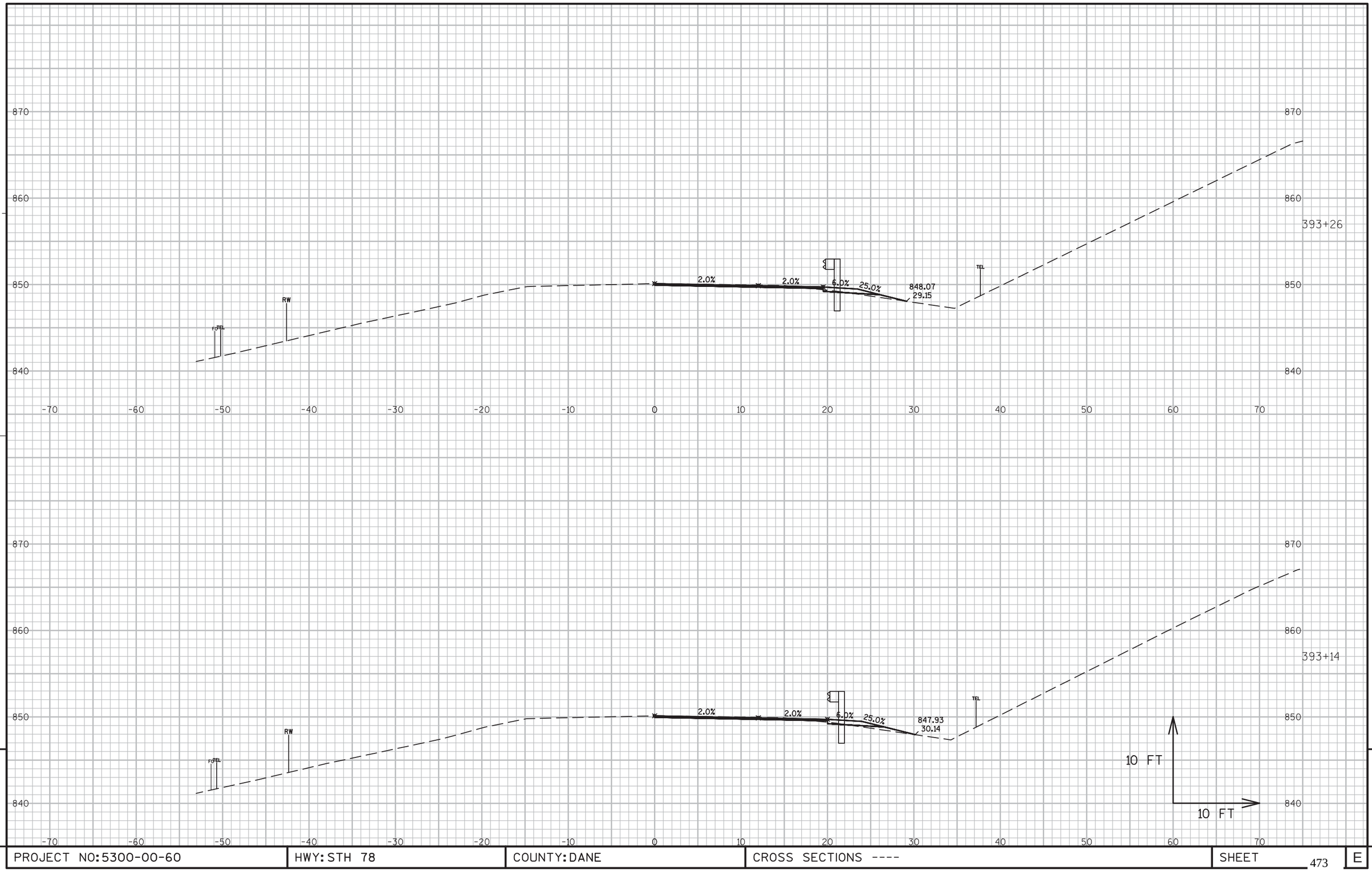
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 471	E



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 472	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:01 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

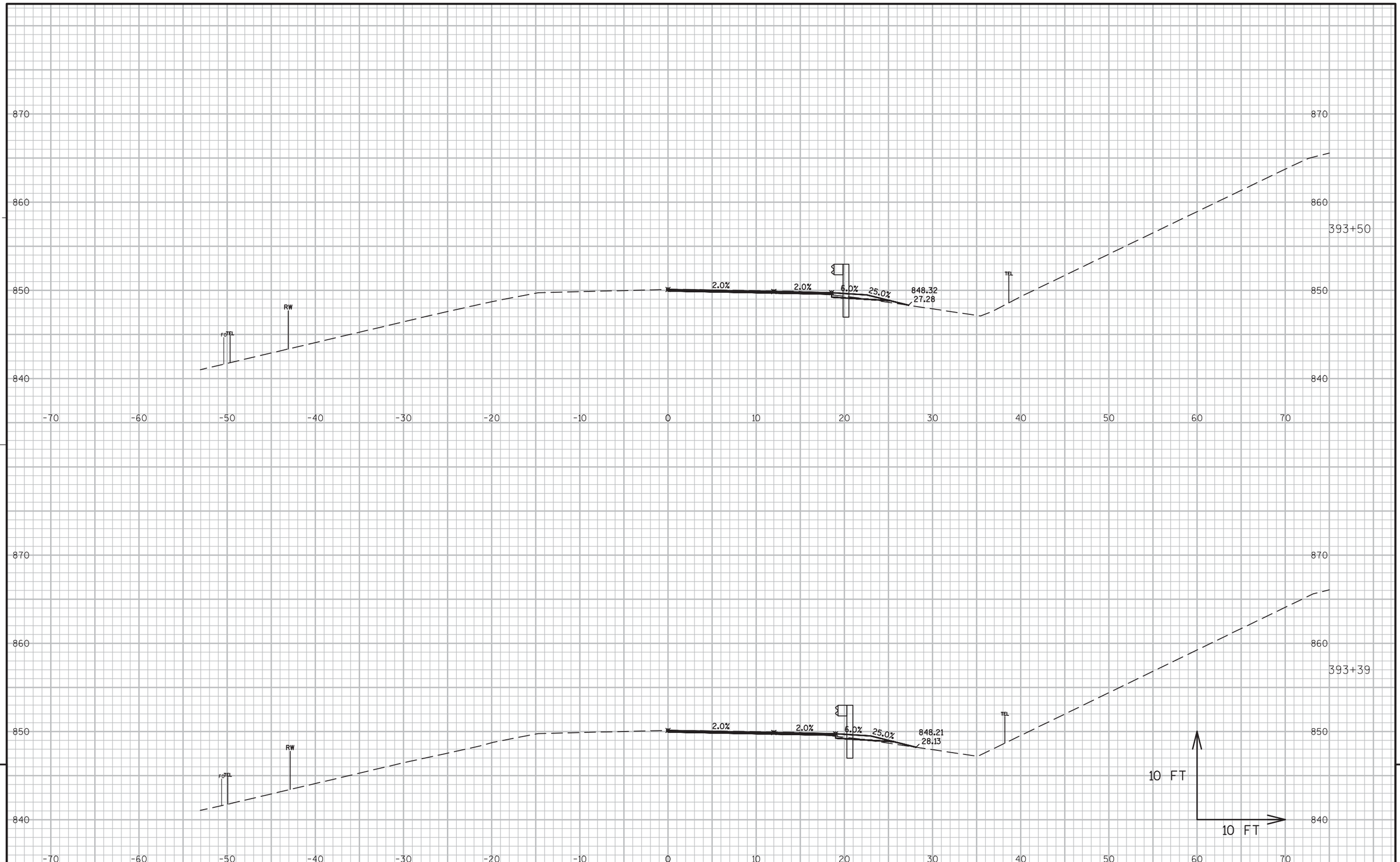


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 473	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:01 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

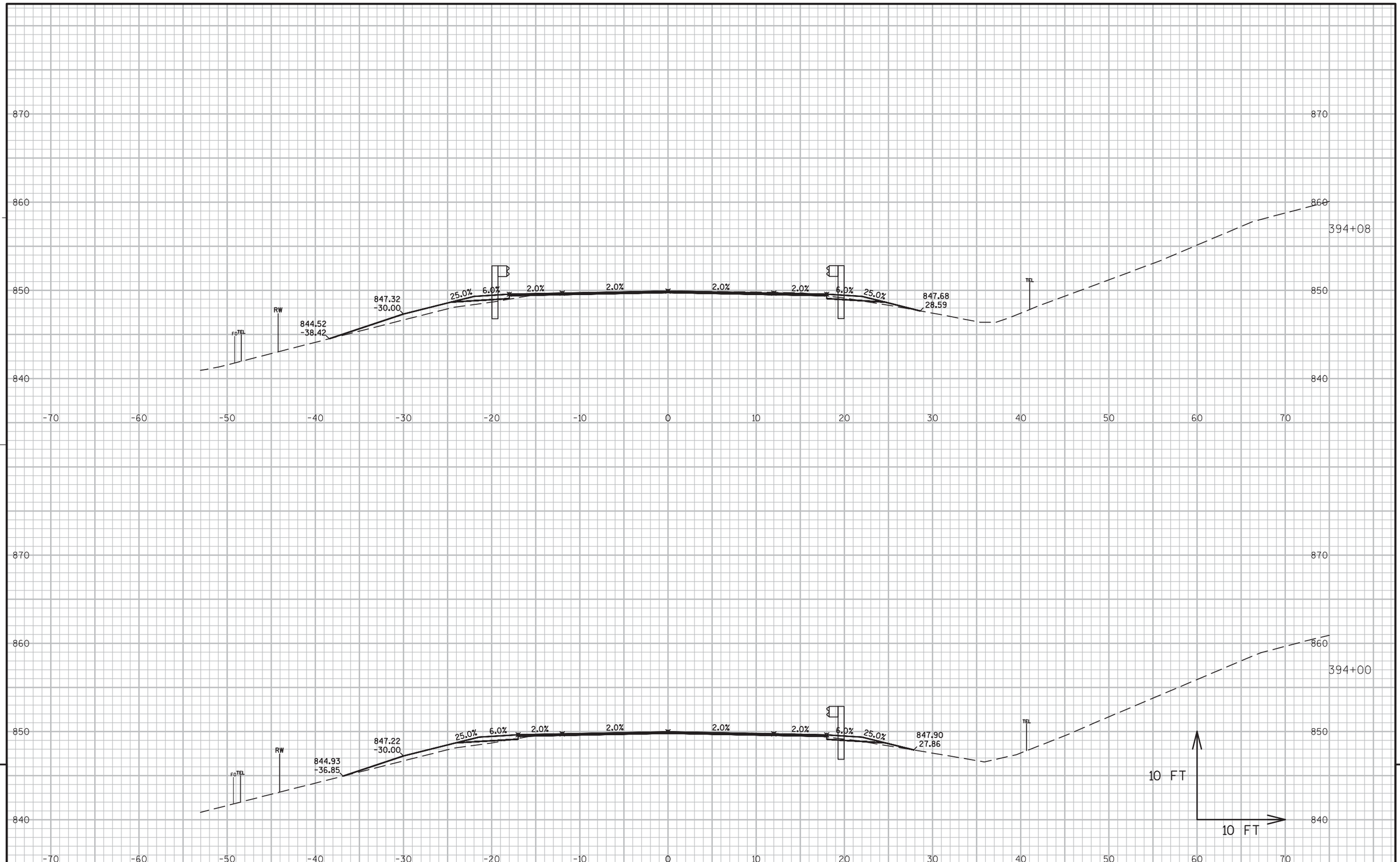


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 474	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:02 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

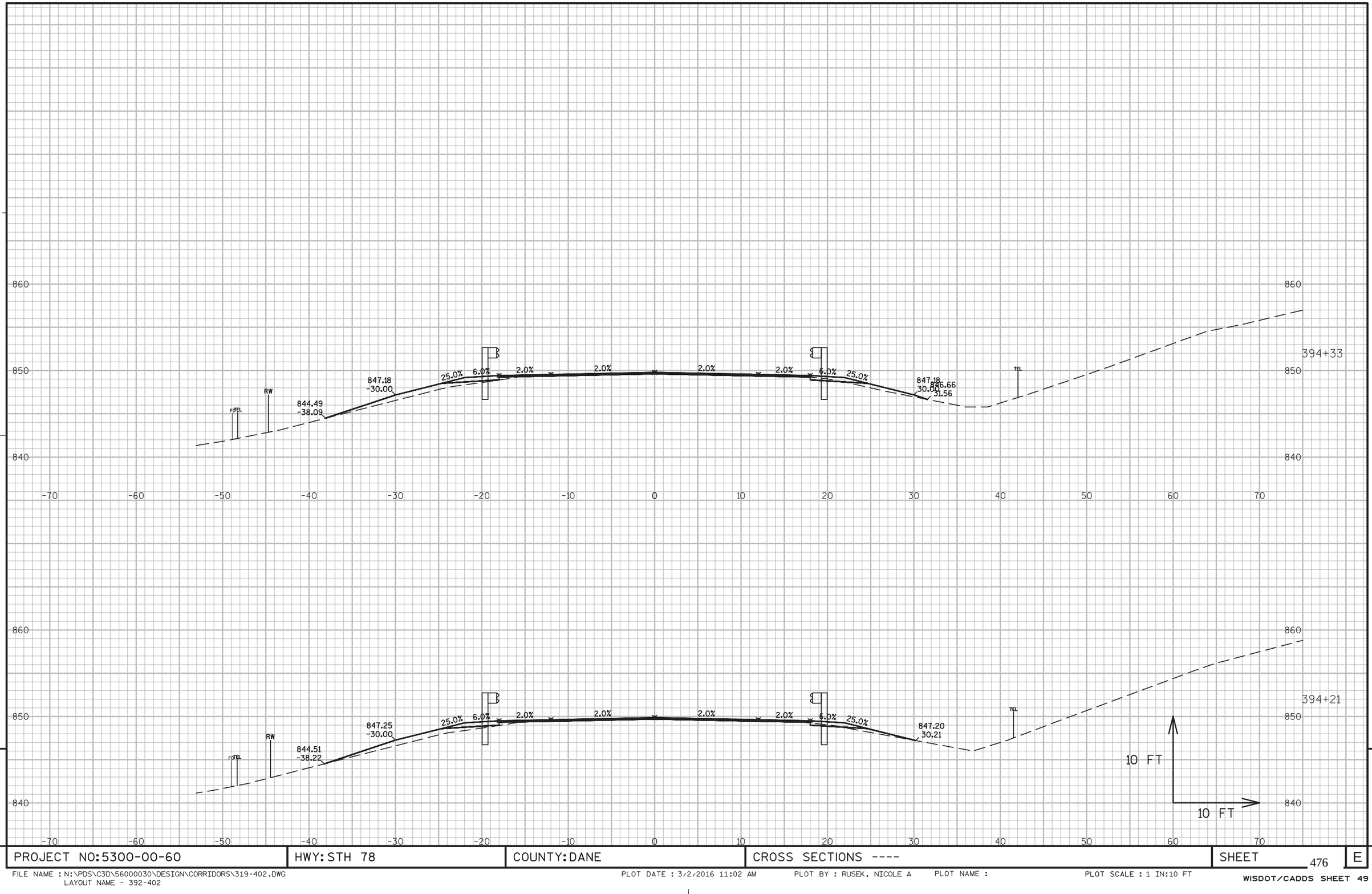
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 475	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:02 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

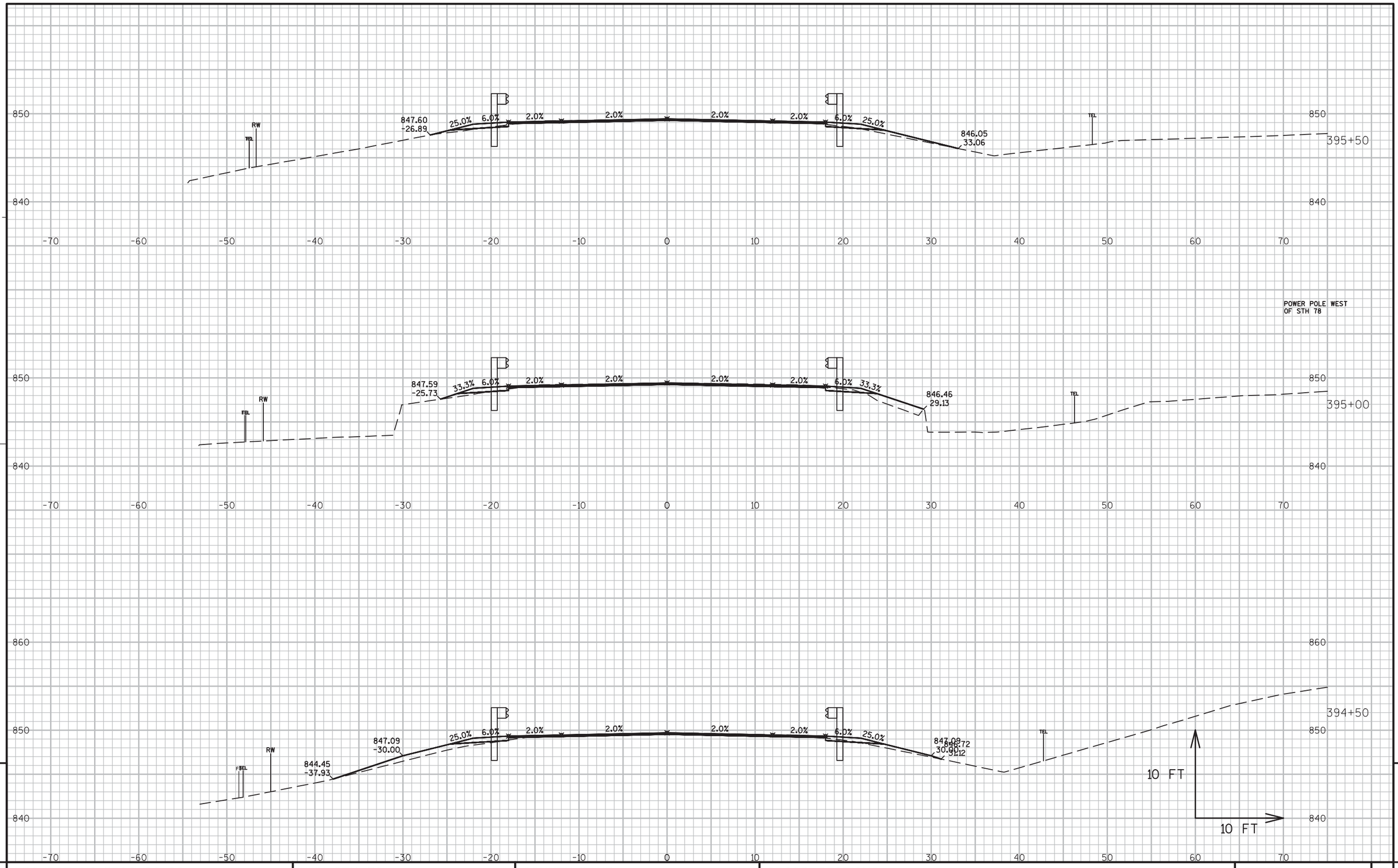


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 476	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:02 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

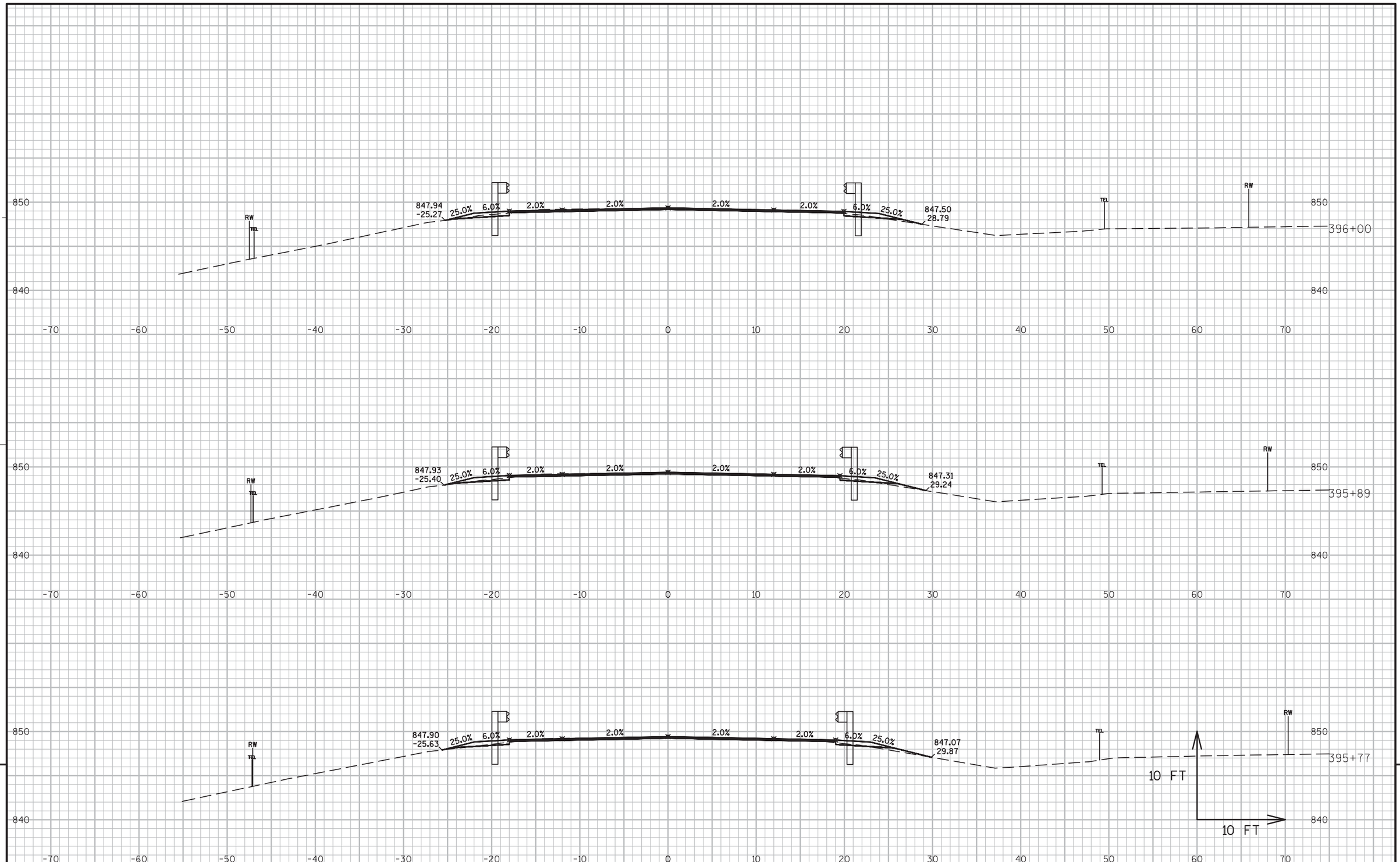


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 477	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:02 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



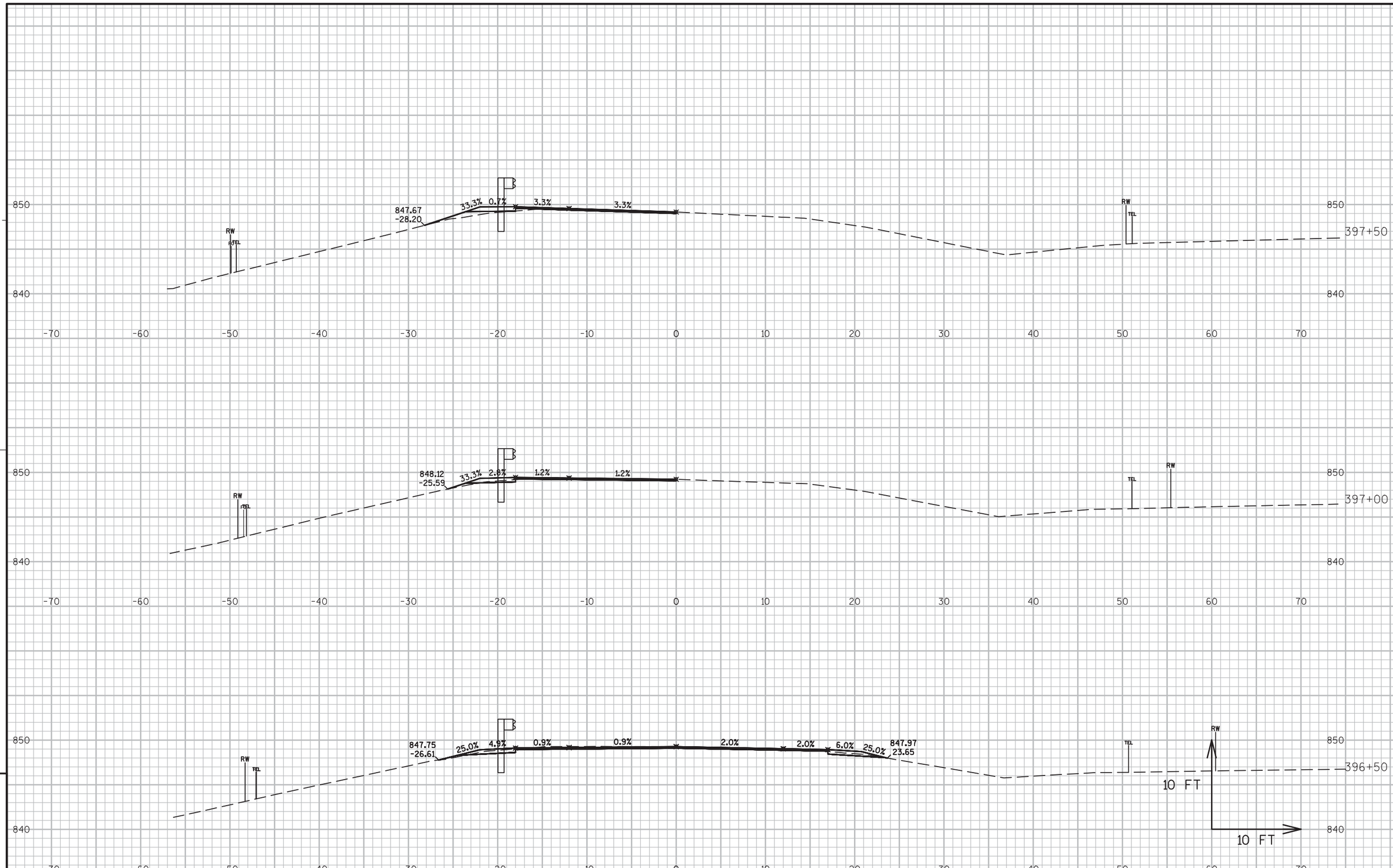
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 478	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

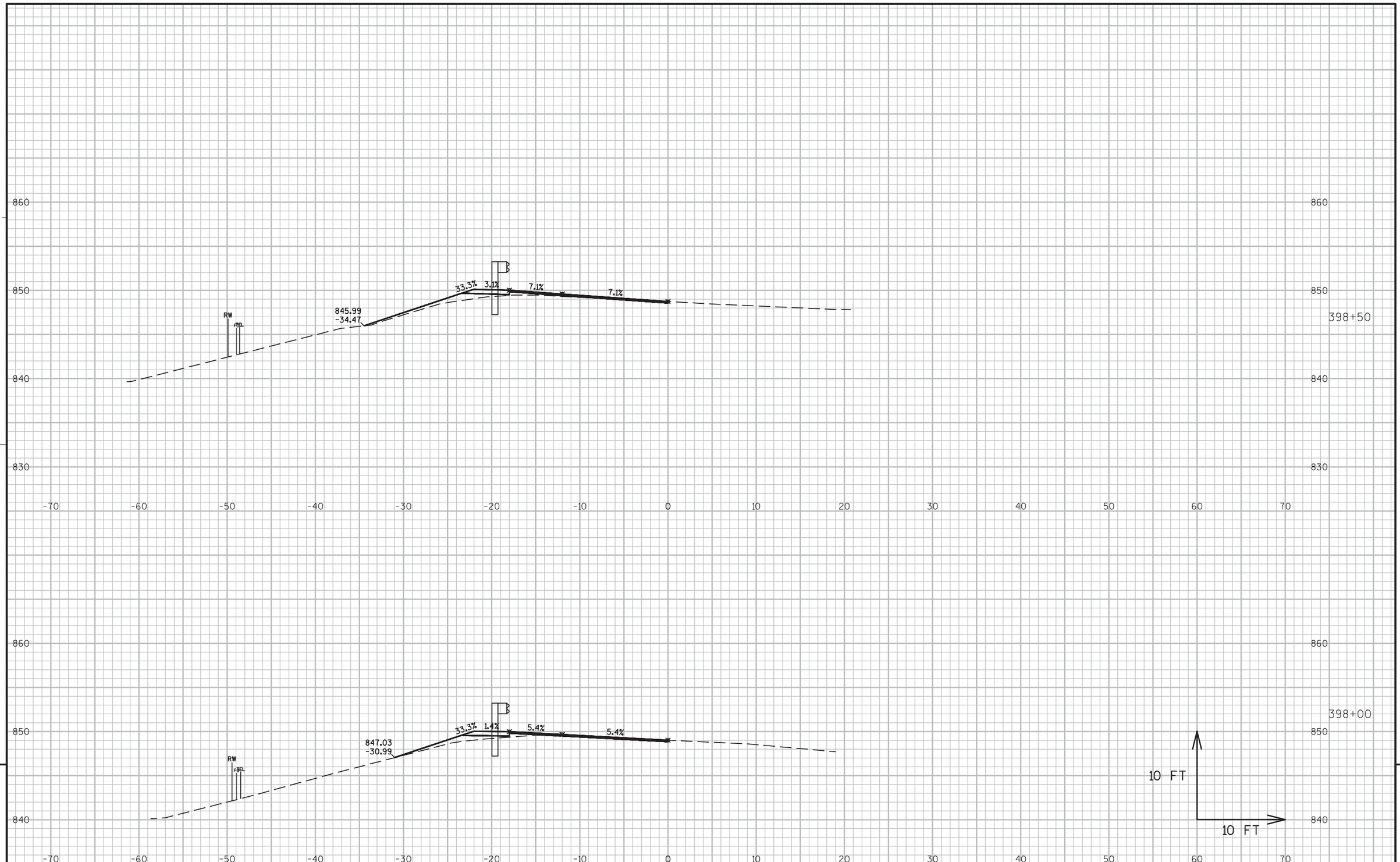
PLOT DATE : 3/2/2016 11:02 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 479	E

9



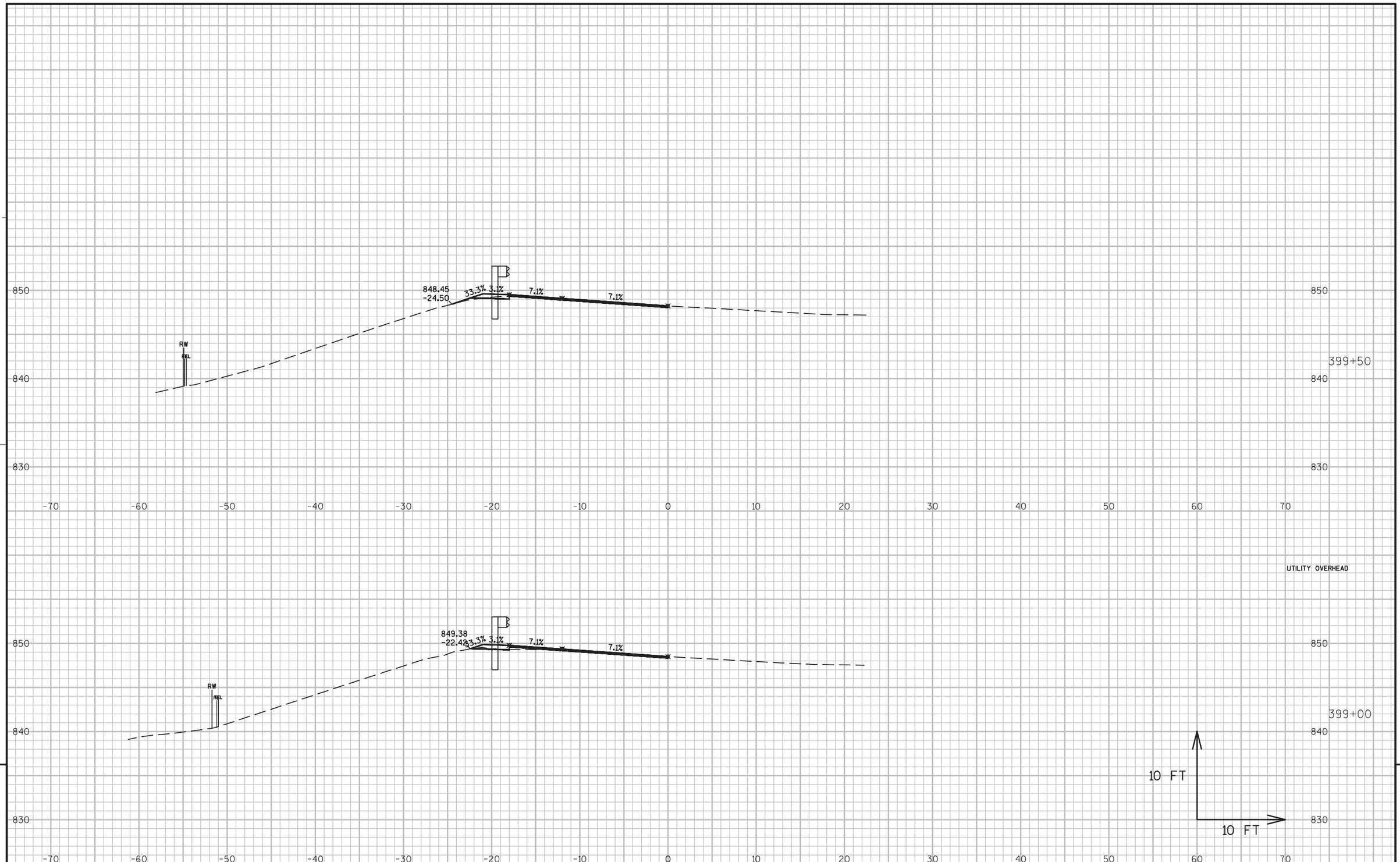
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 480	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

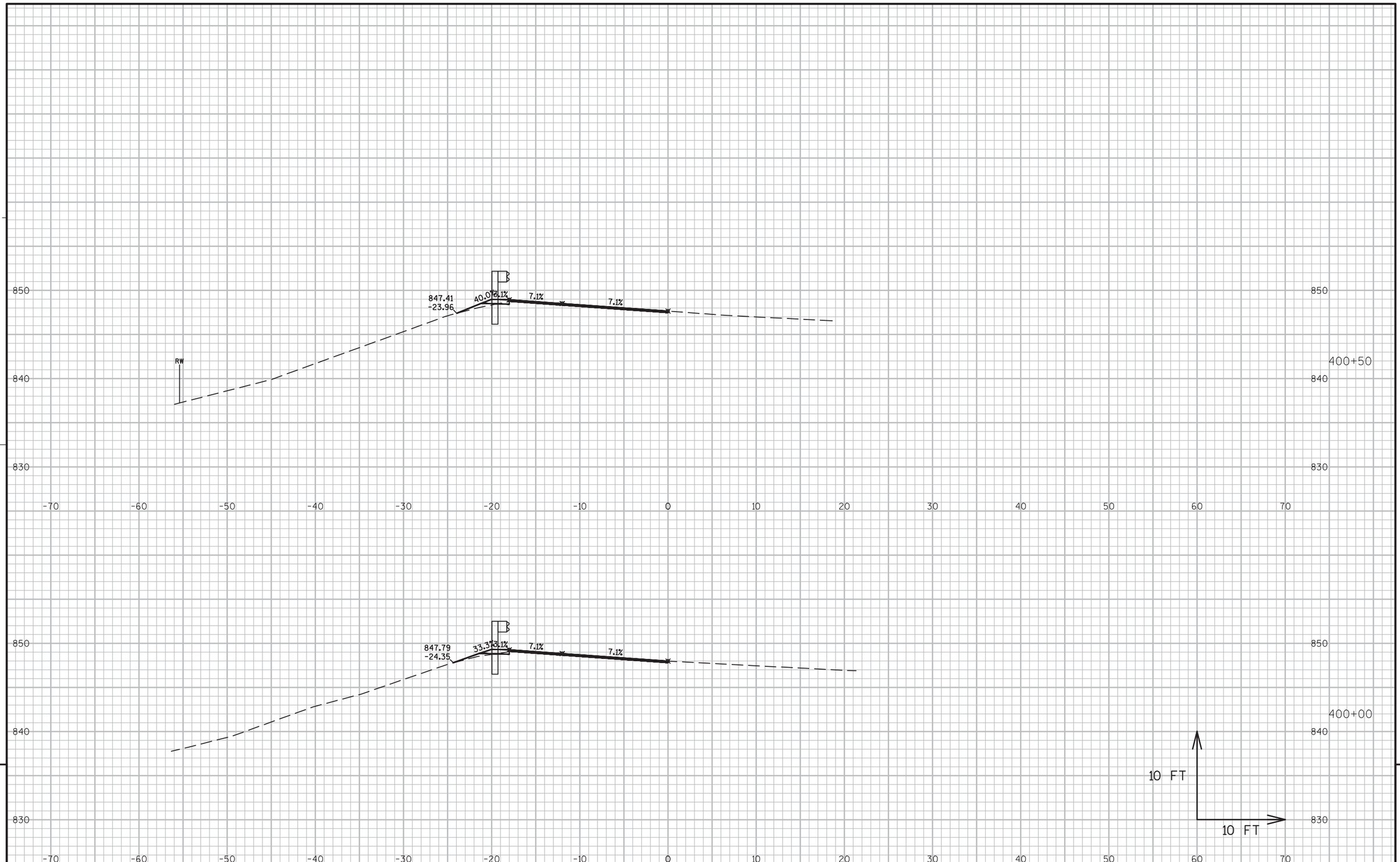
PLOT DATE : 3/2/2016 11:03 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 481	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

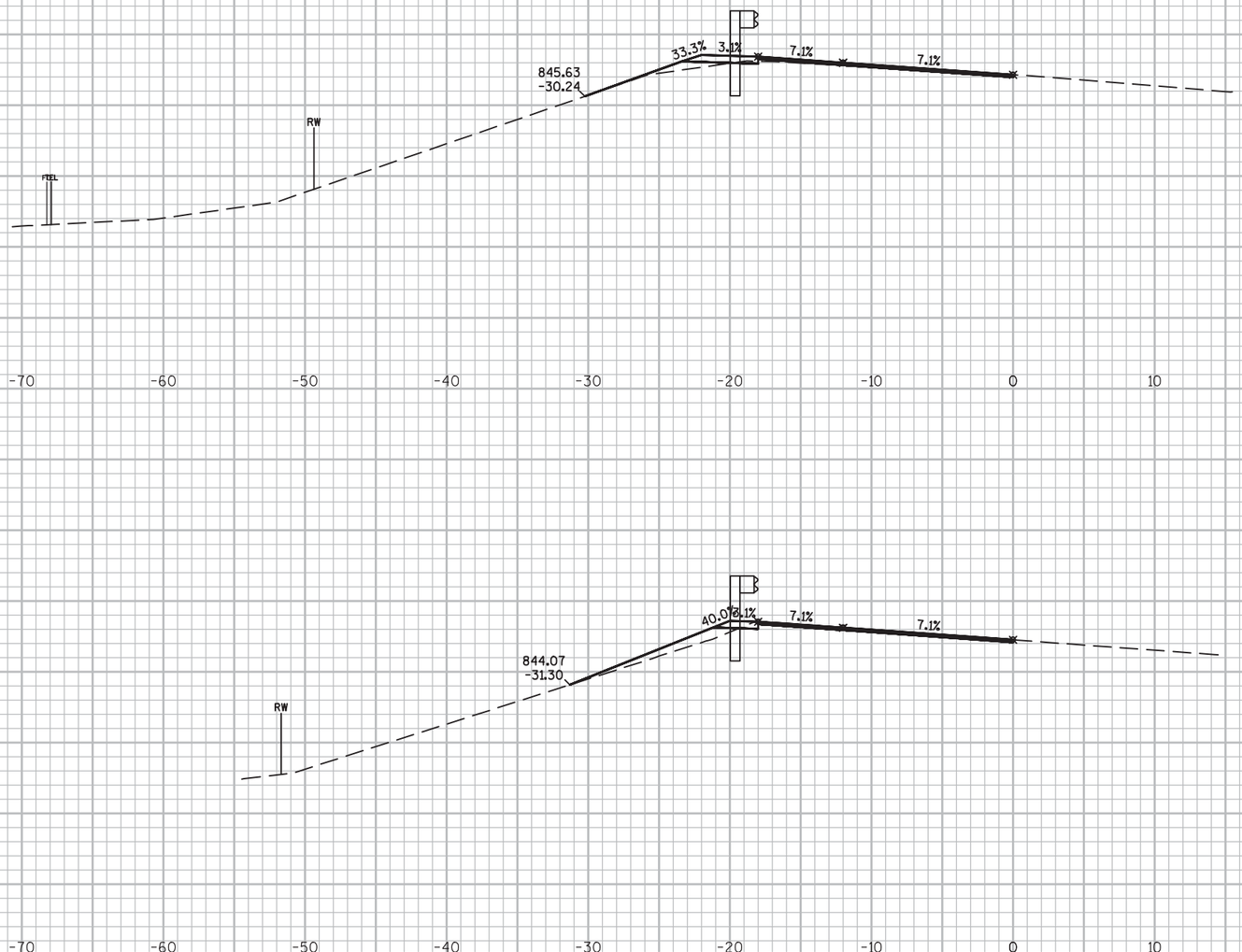
PLOT DATE : 3/2/2016 11:03 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 482	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

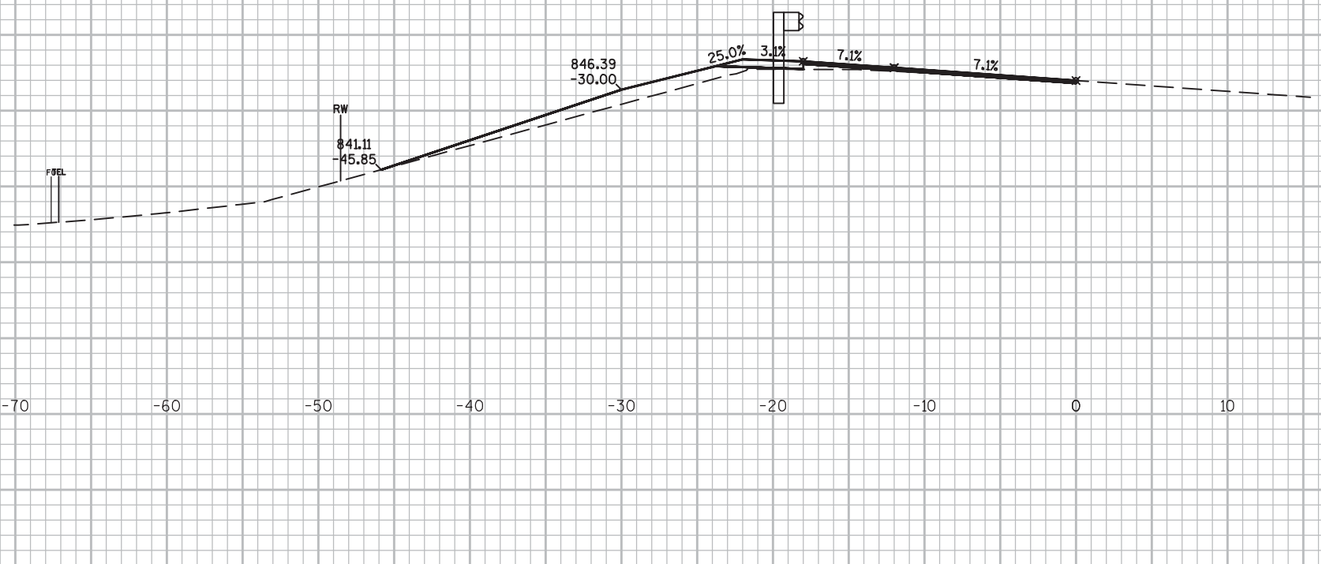
PLOT DATE : 3/2/2016 11:03 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

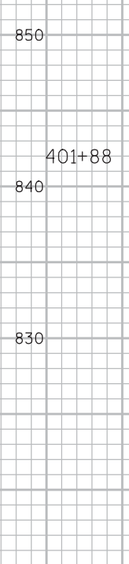


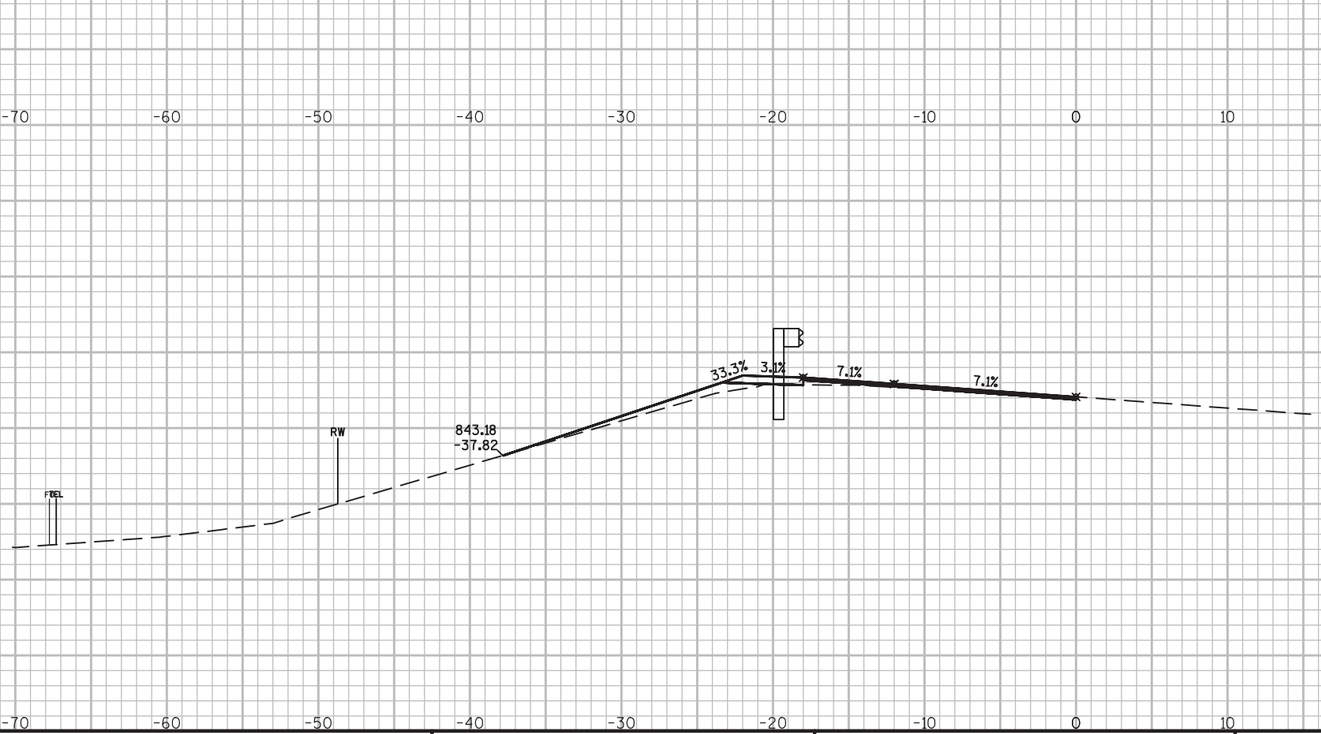
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 483	E

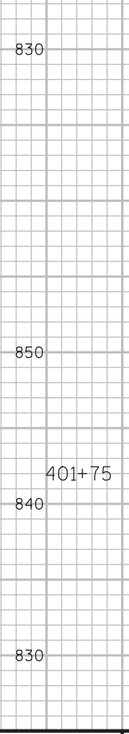
FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:03 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT









9

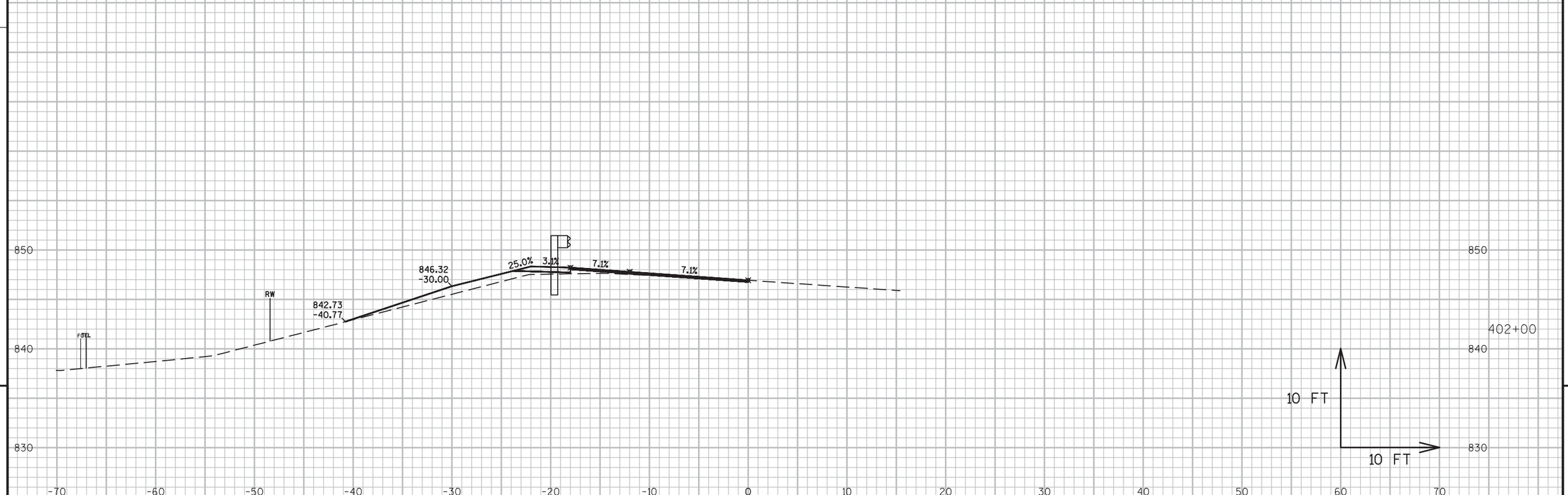
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 484	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:04 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

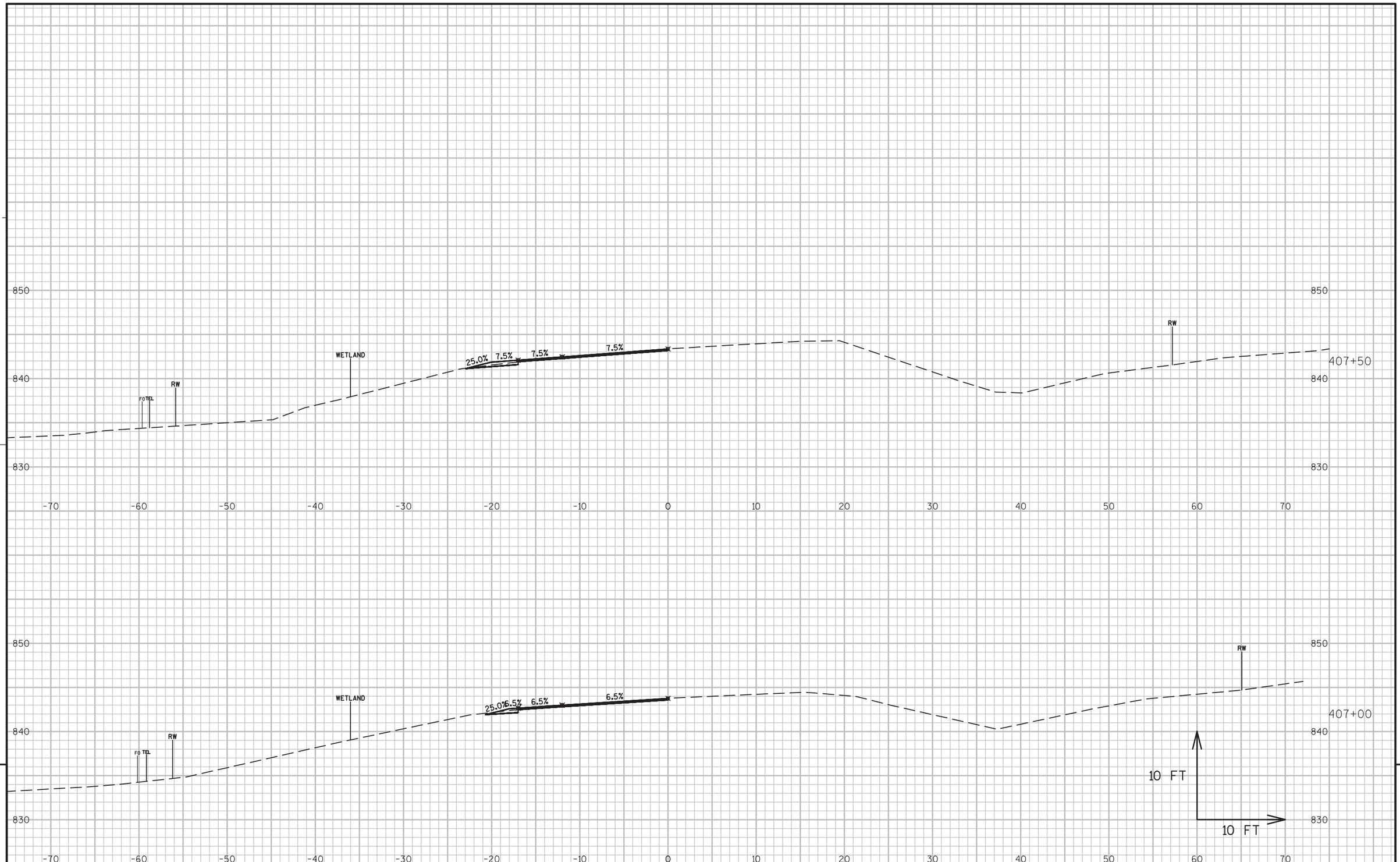
WISDOT/CADDS SHEET 49



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 485	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\319-402.DWG
LAYOUT NAME - 392-402

PLOT DATE : 3/2/2016 11:04 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

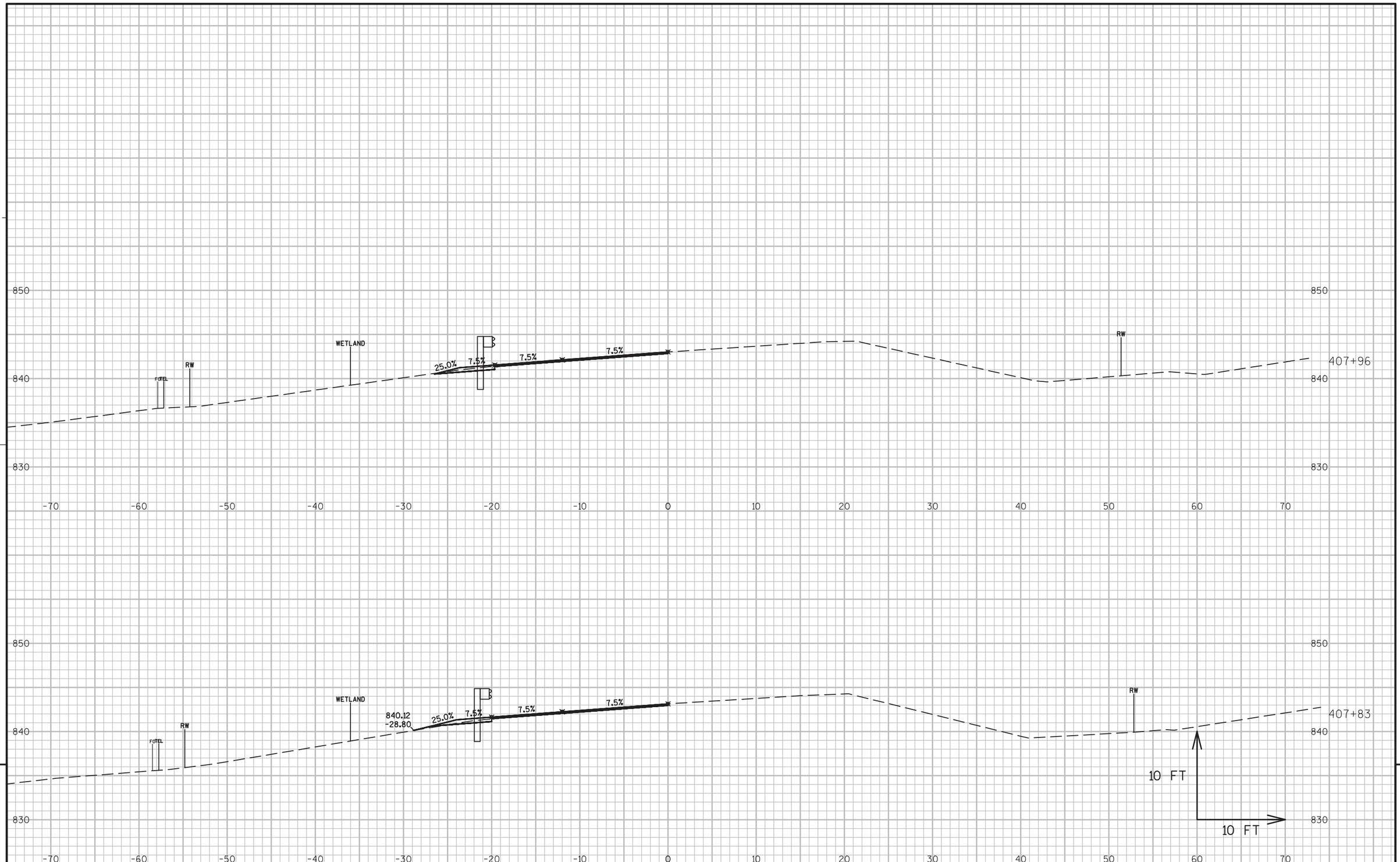


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 486	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

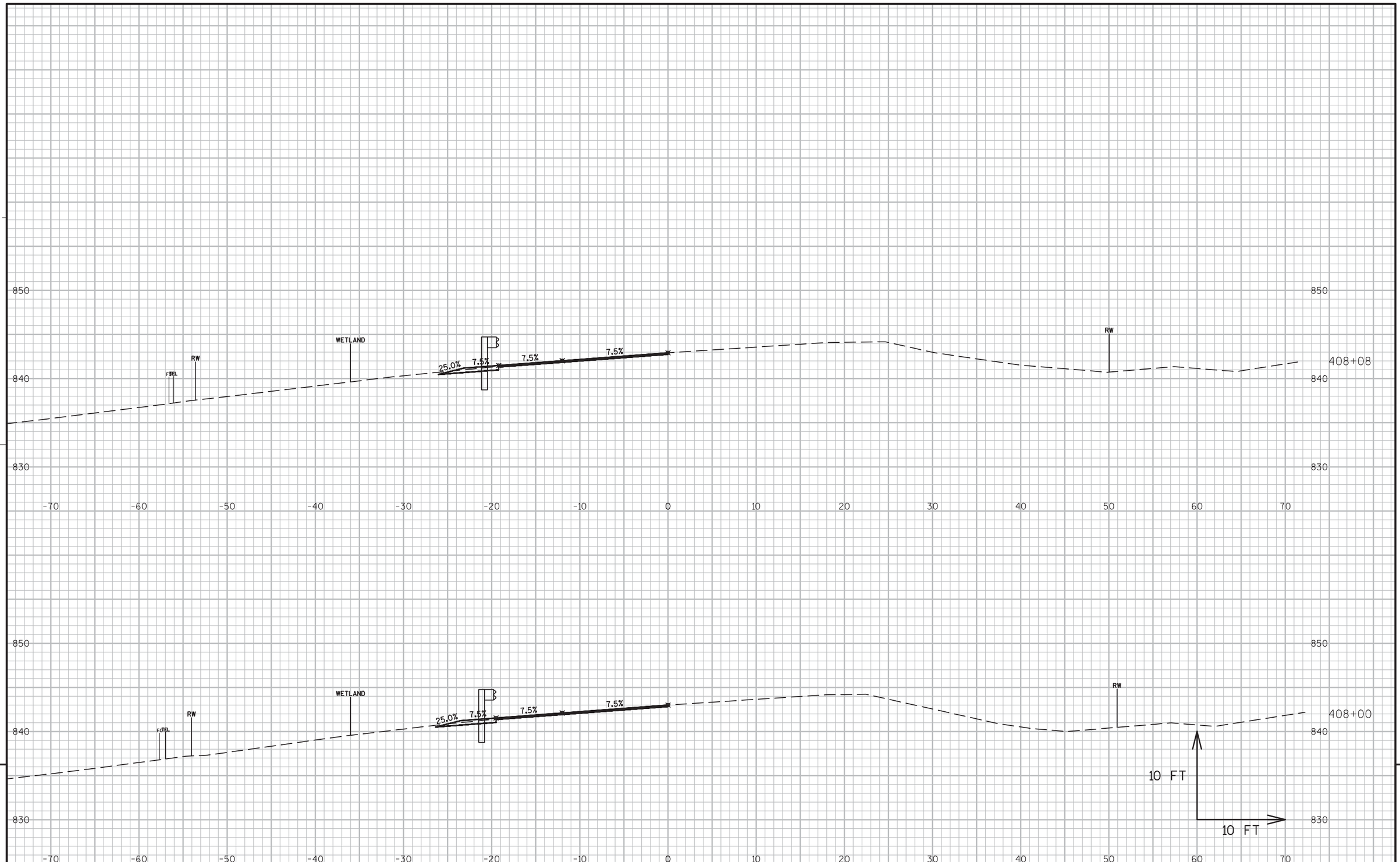


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 487	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

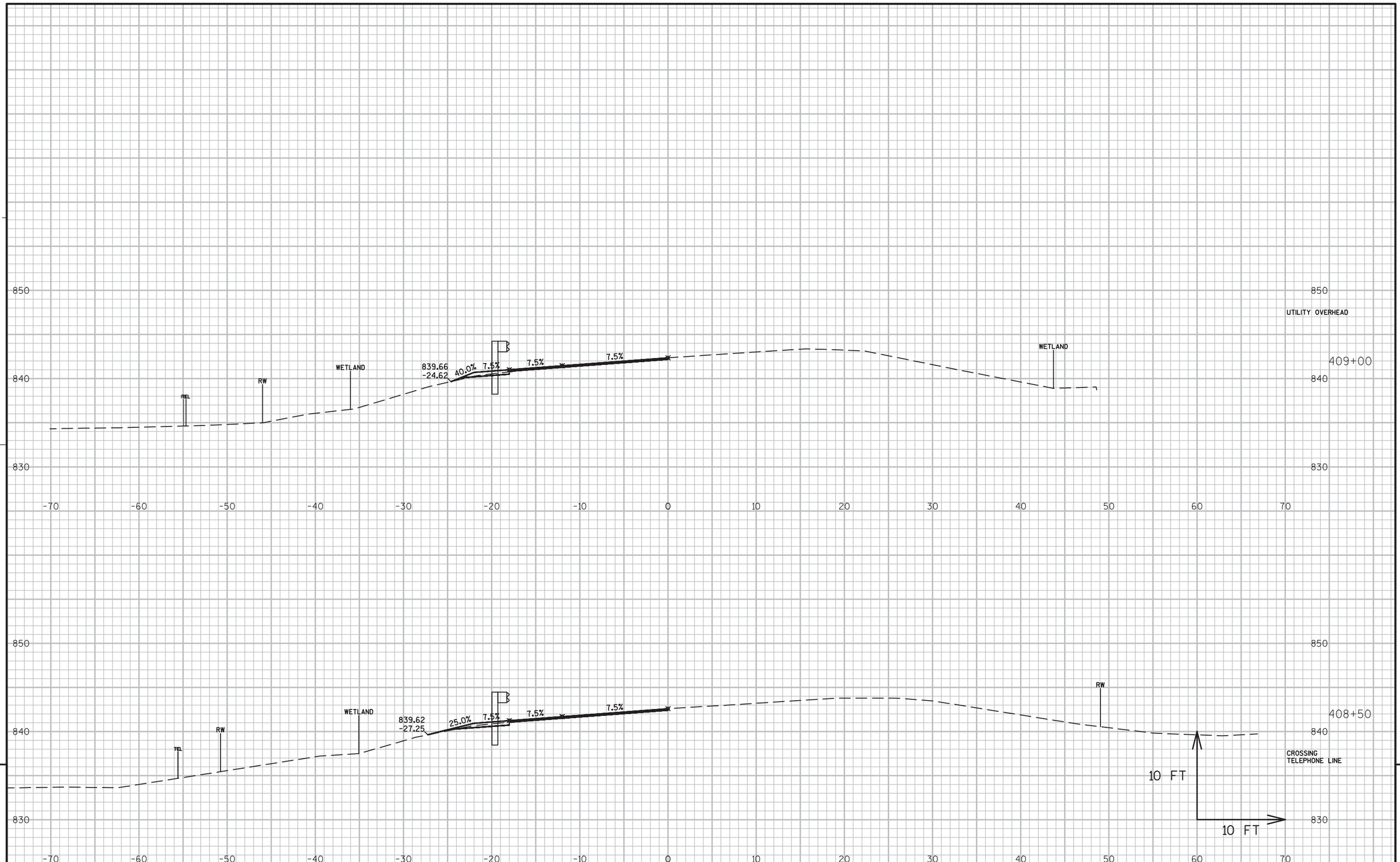


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 488	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

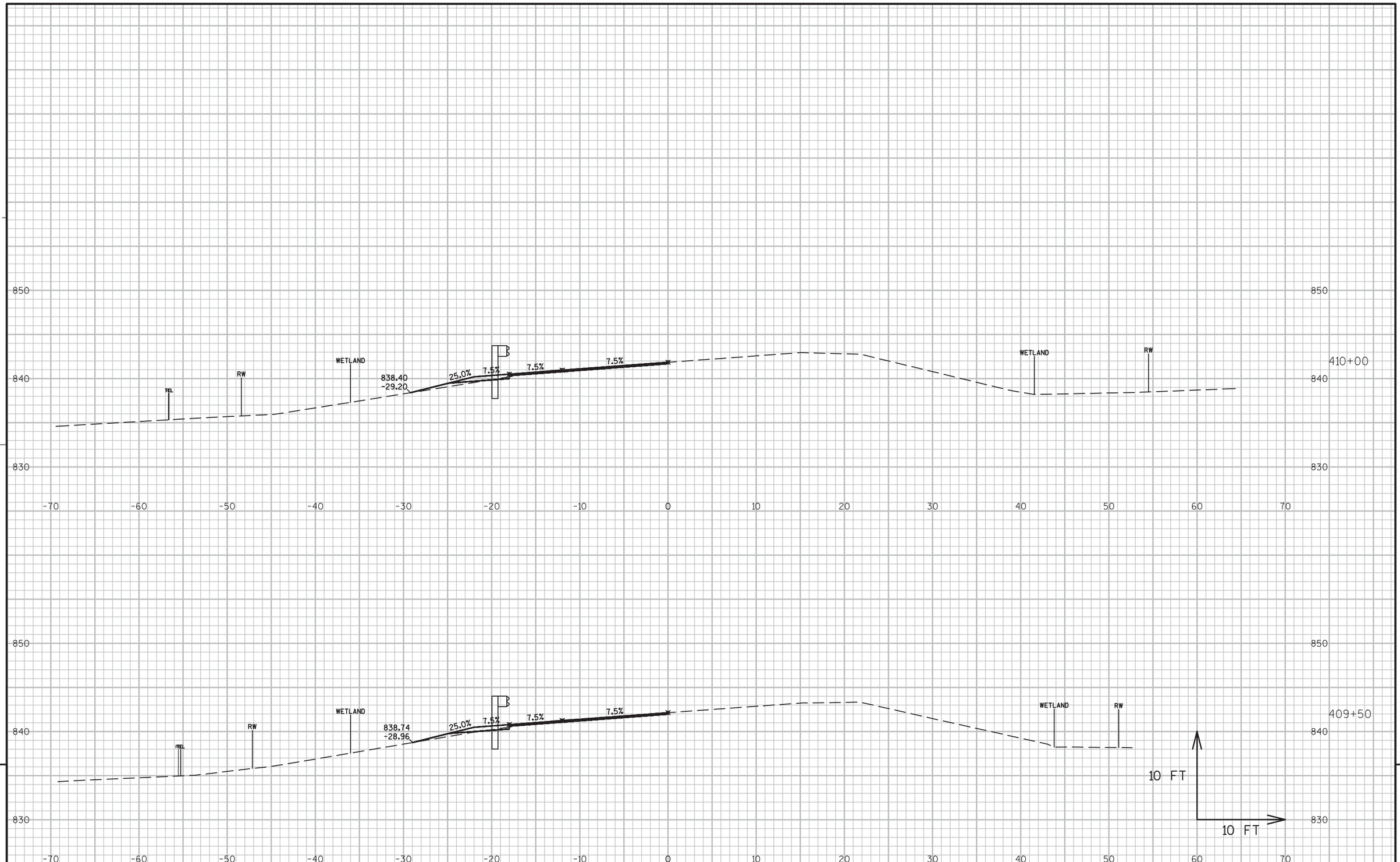


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 489	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

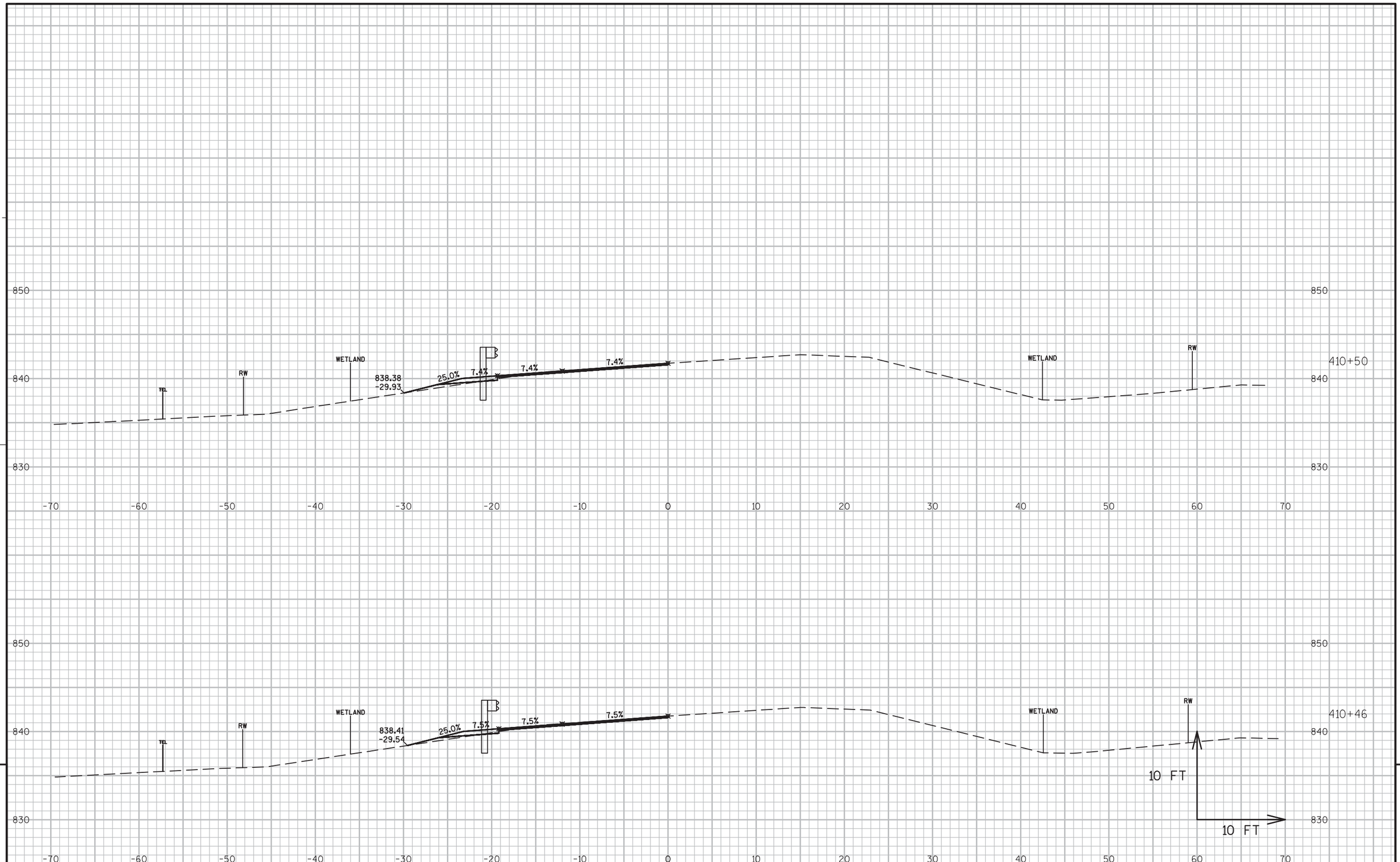


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 490	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

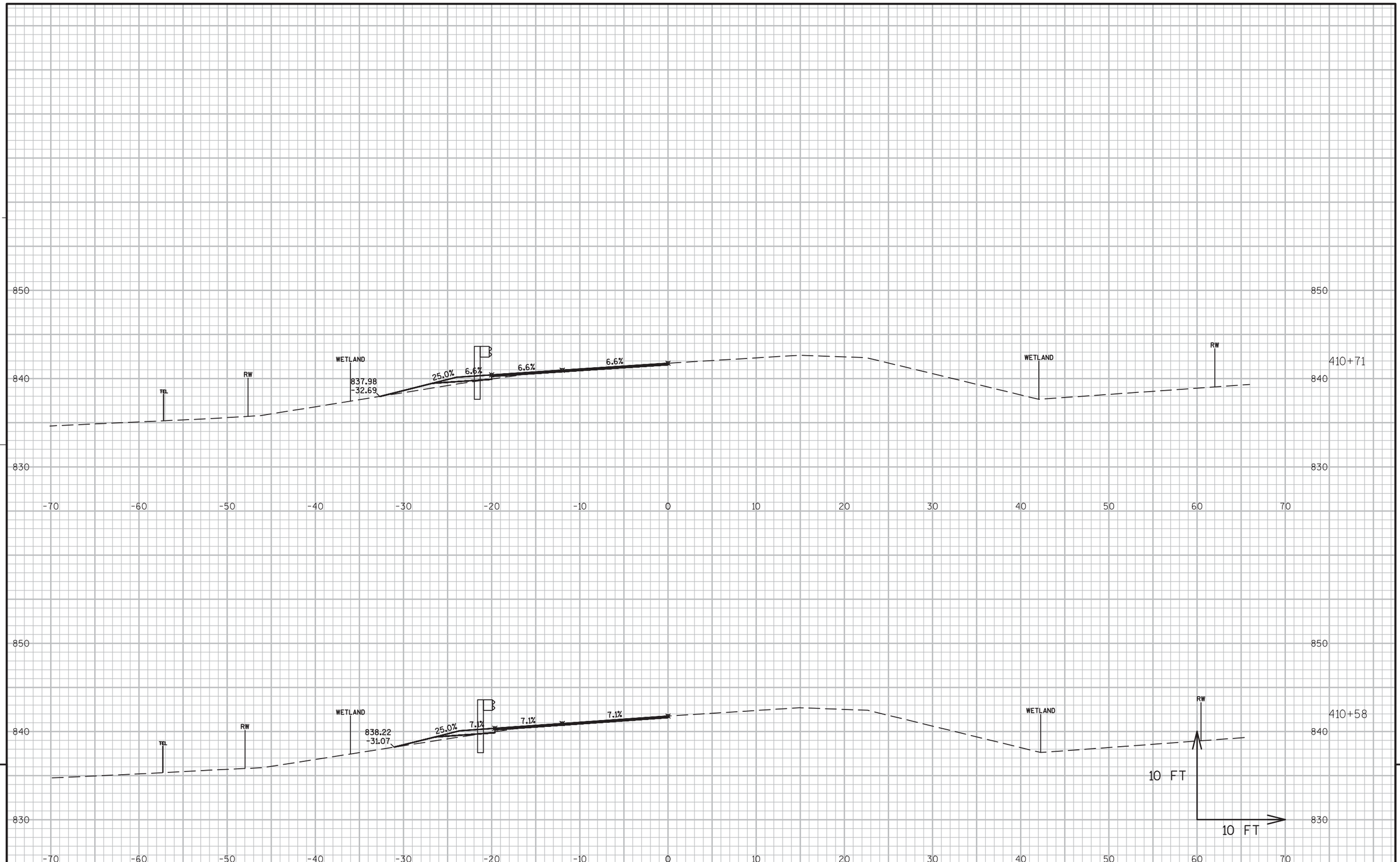


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 491	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

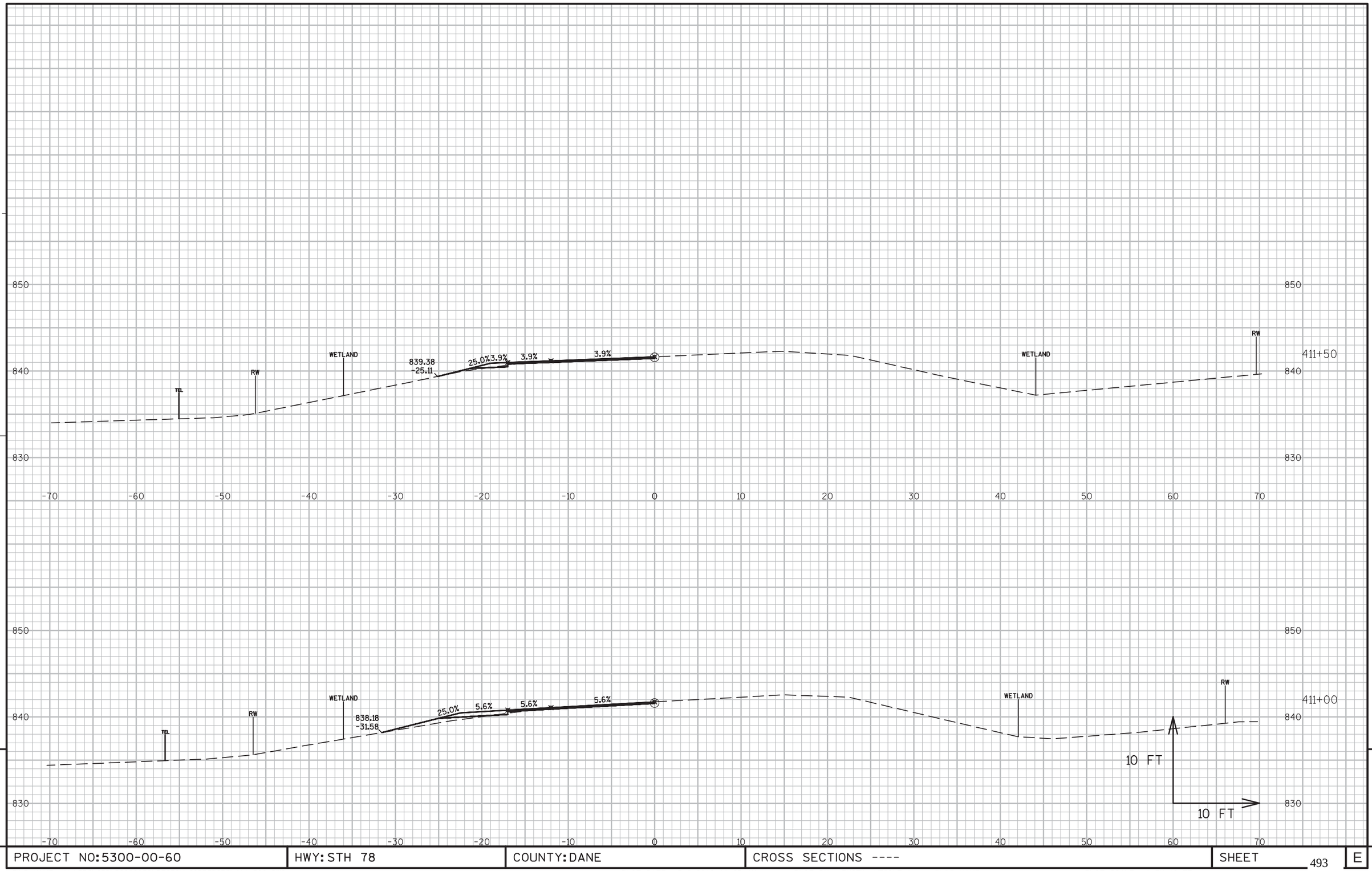


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 492	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:22 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

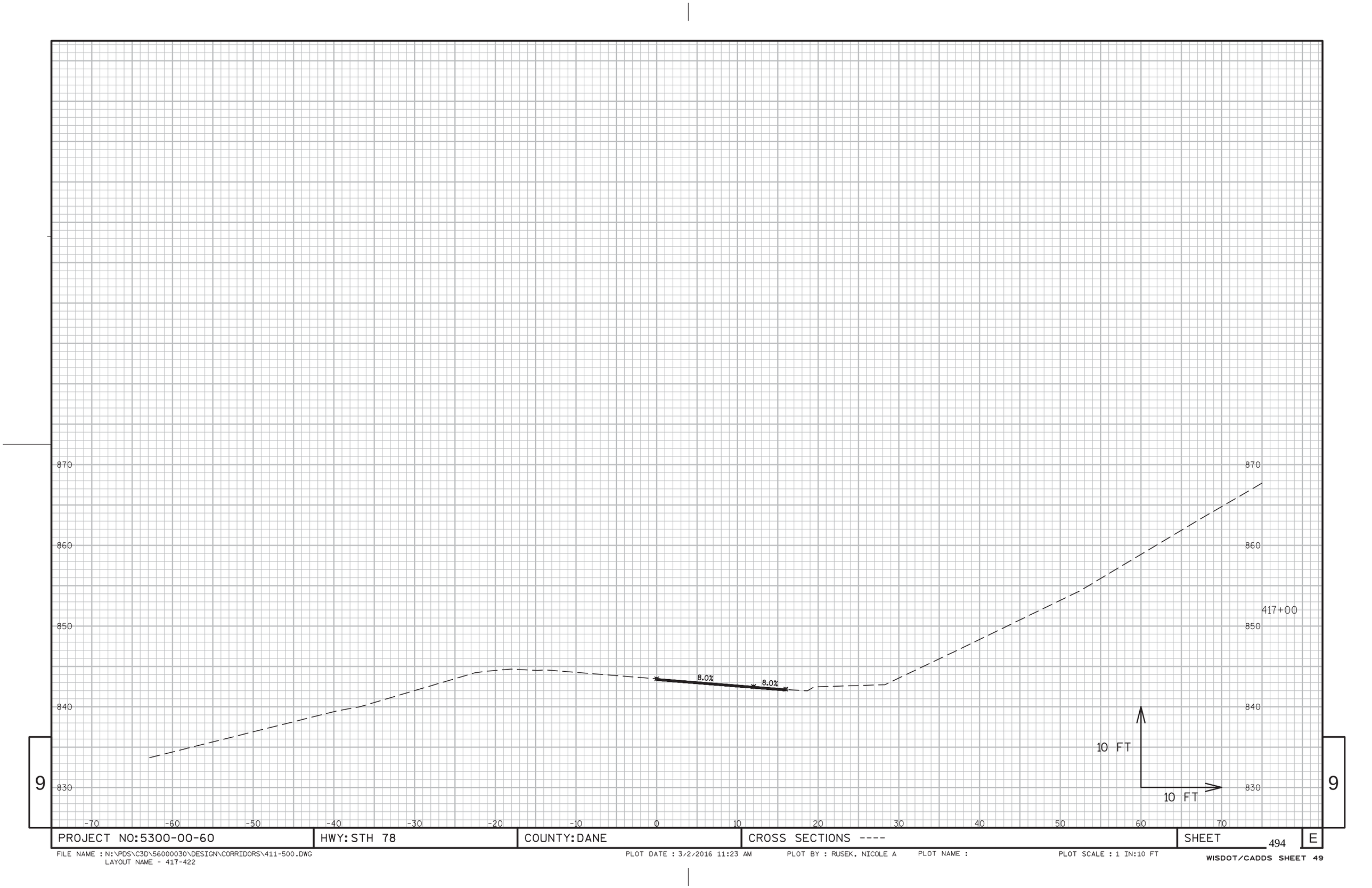
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 493	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 406-412

PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



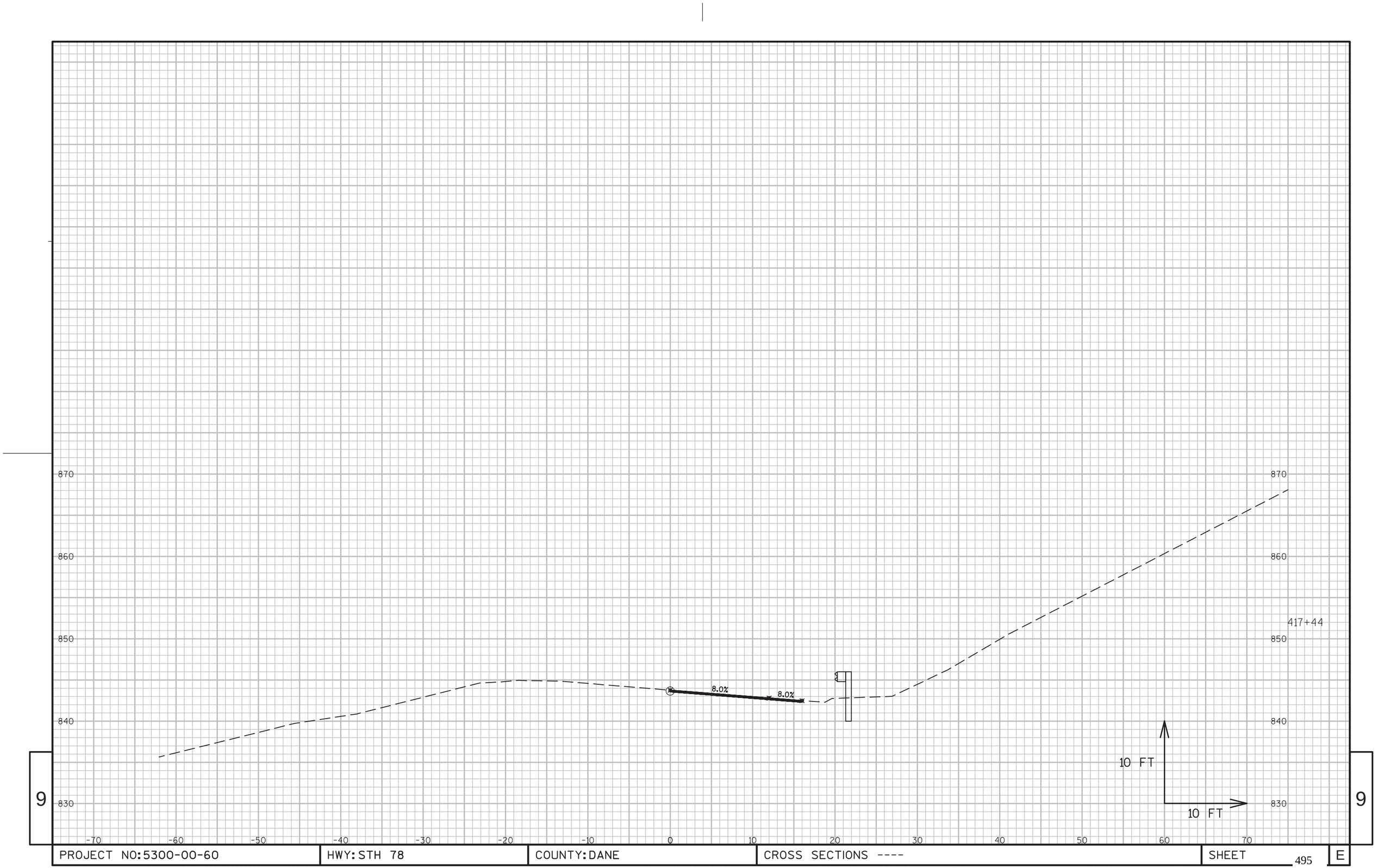
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 494	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

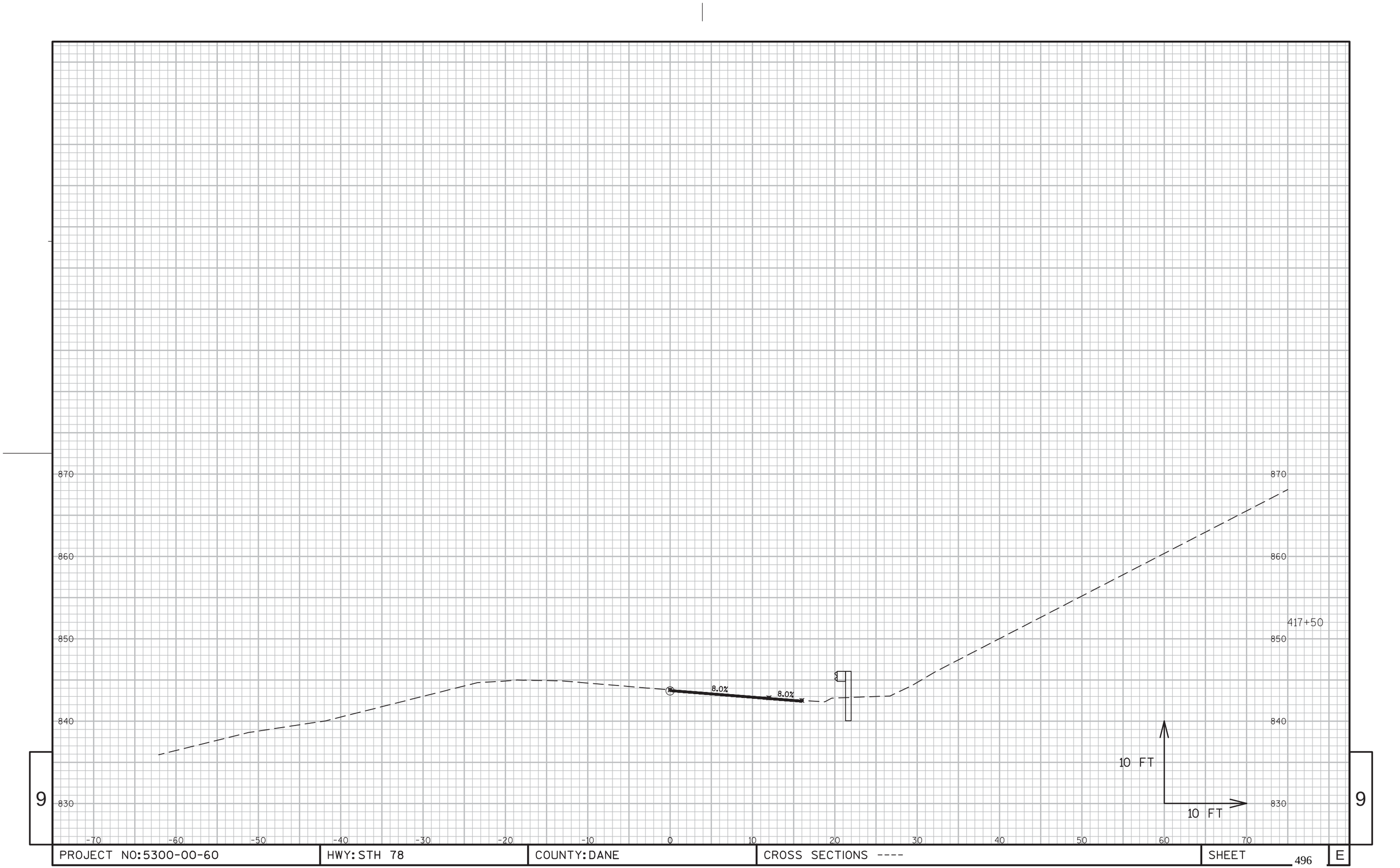
PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

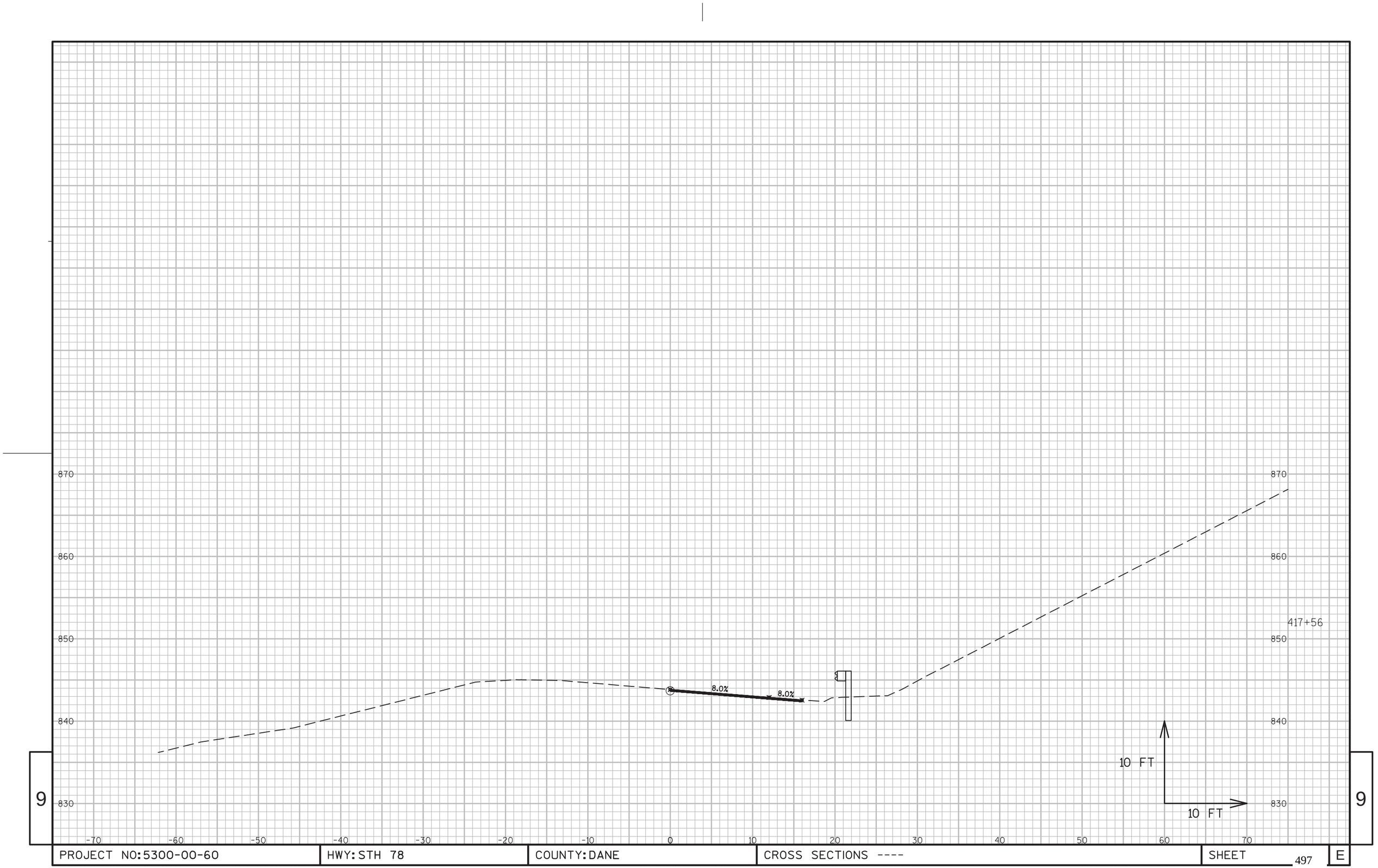
PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 495	E



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 496	E



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 497	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



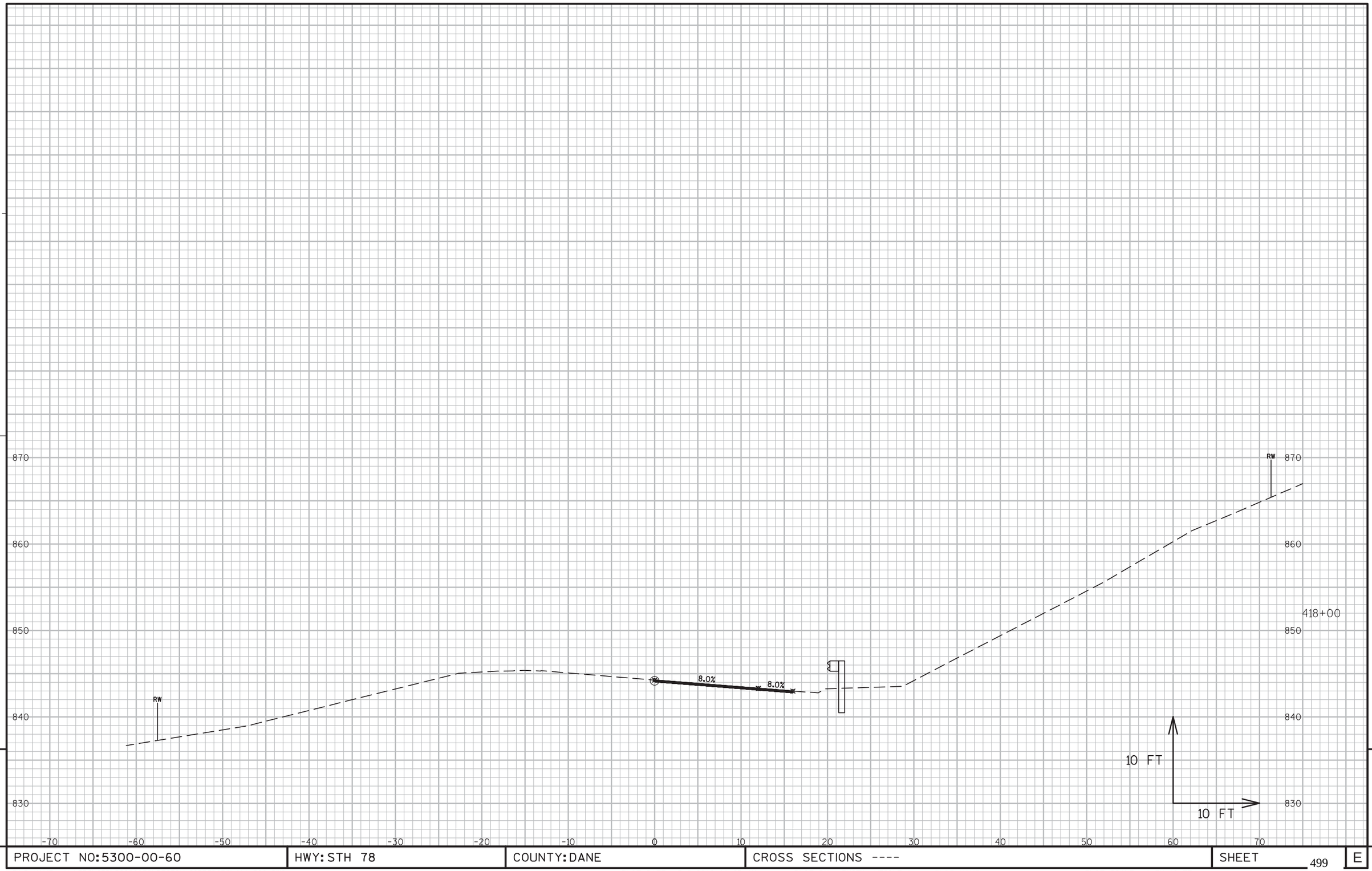
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 498	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

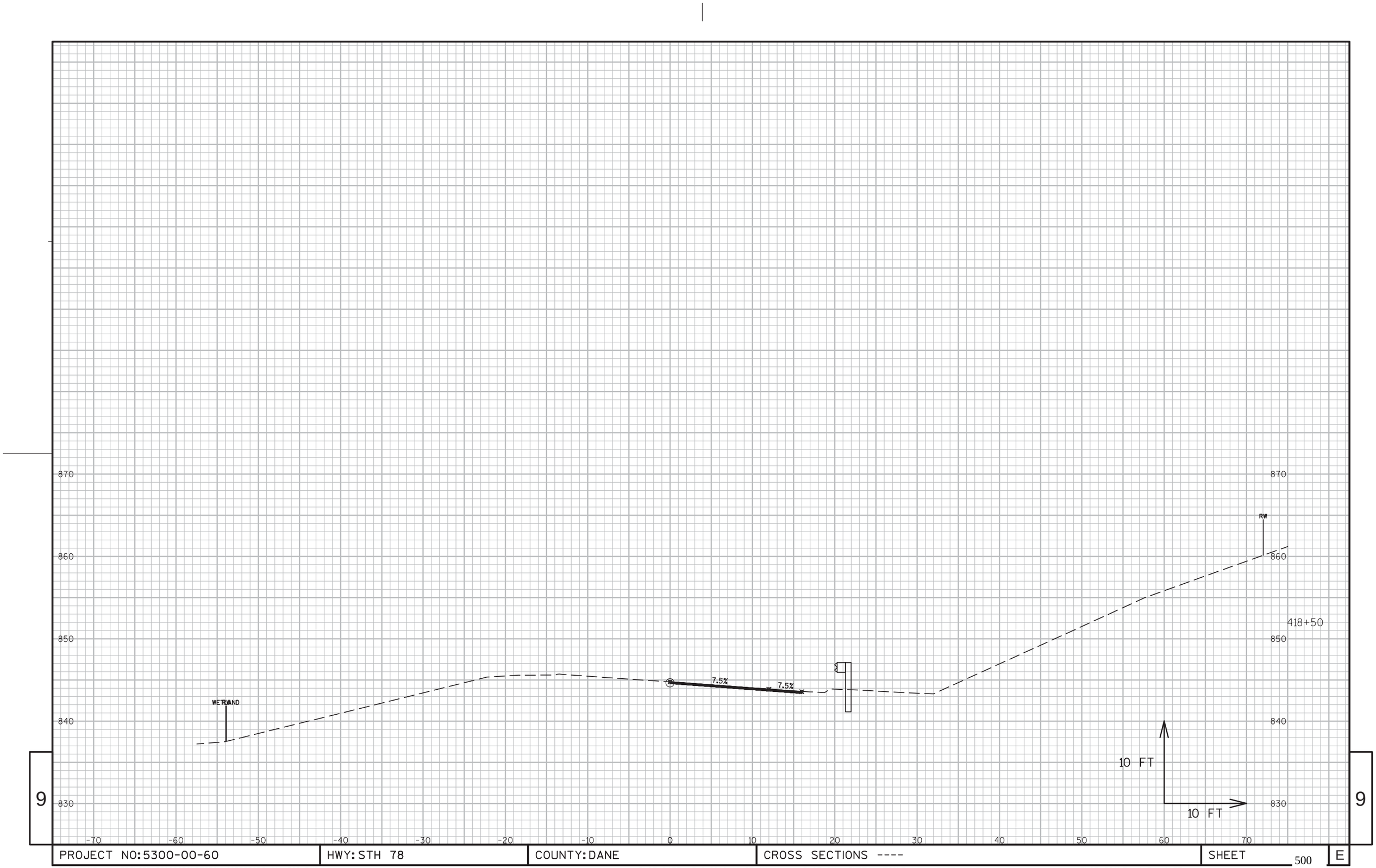
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 499	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

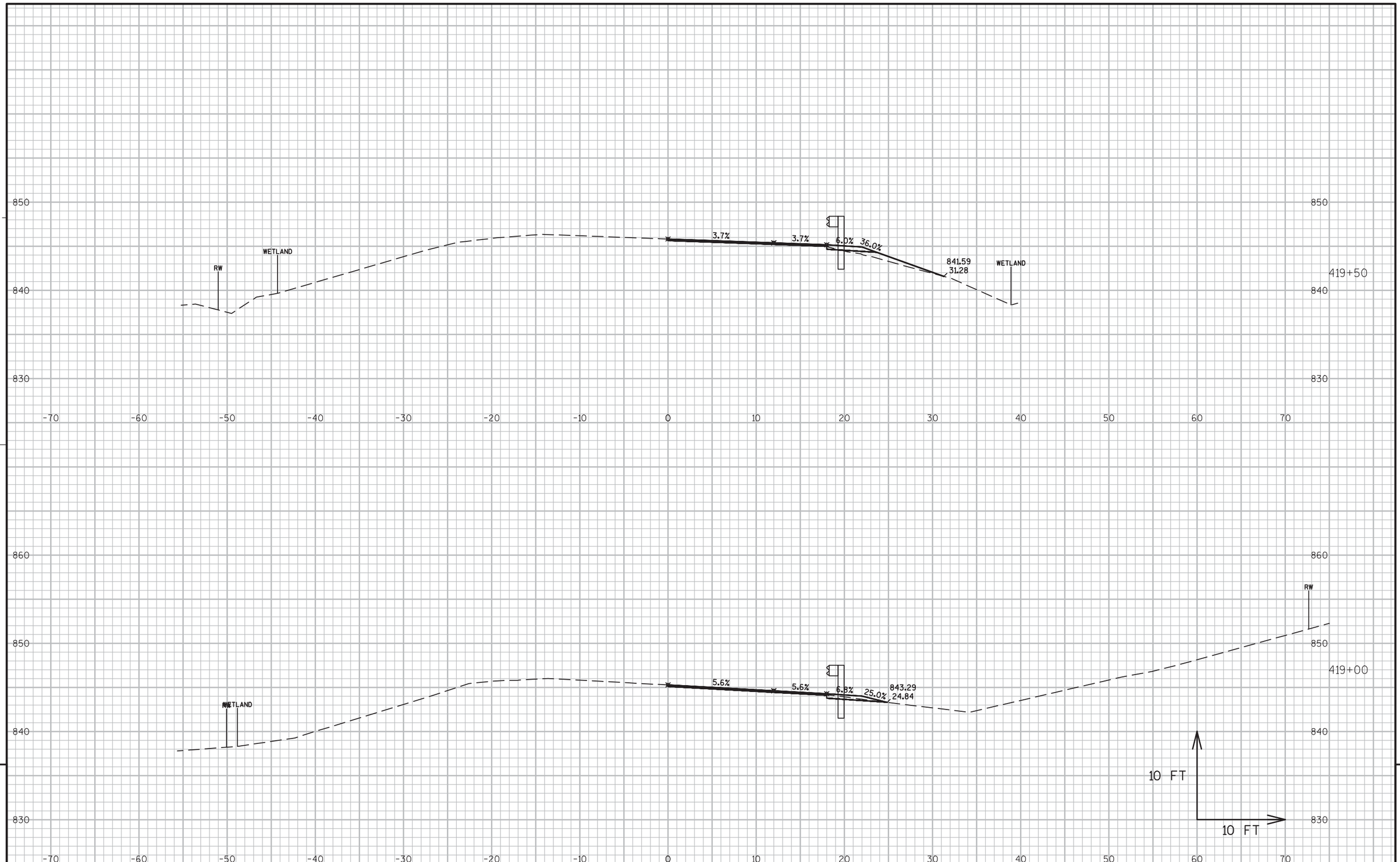
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 500	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

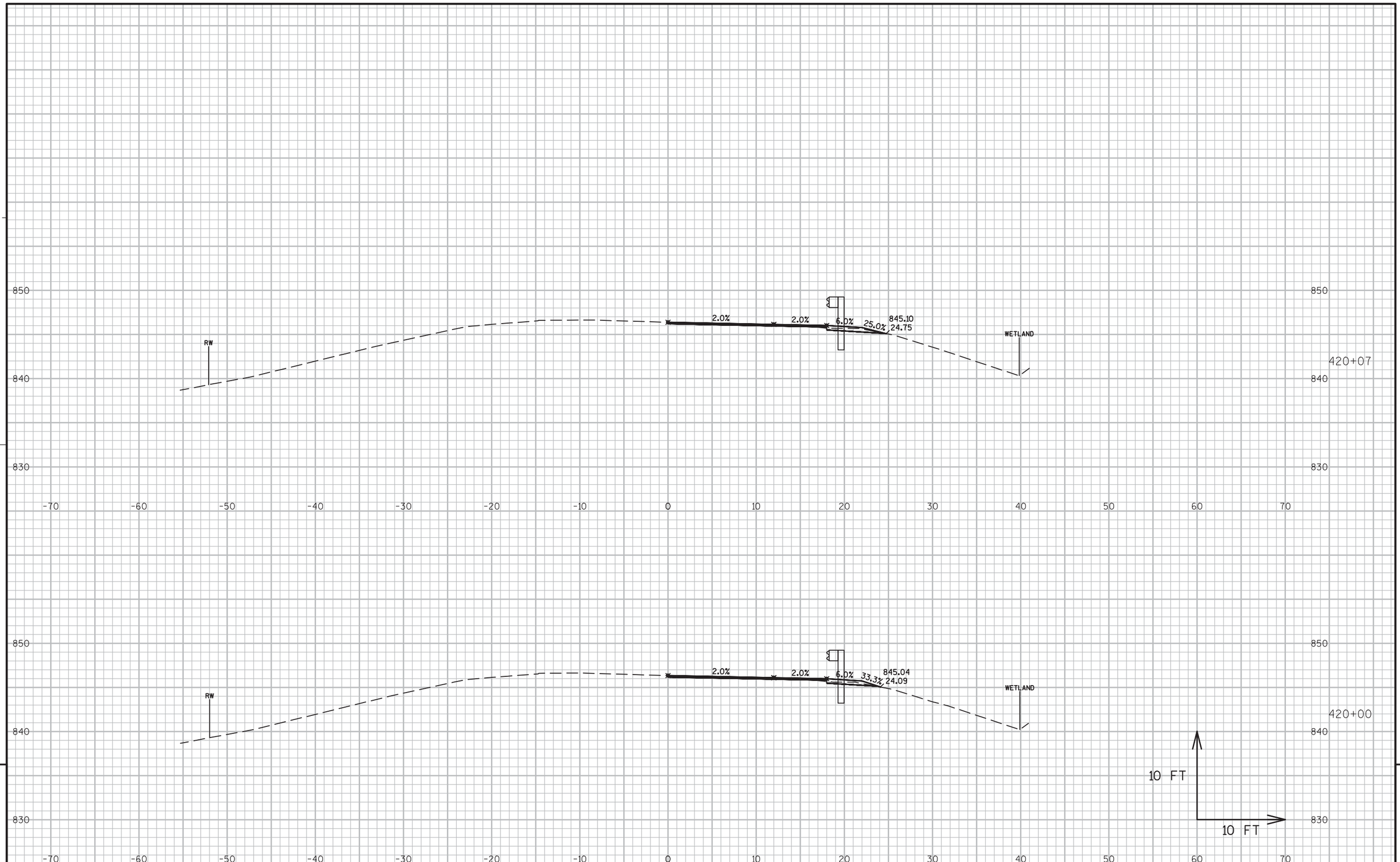


PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 501	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:23 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



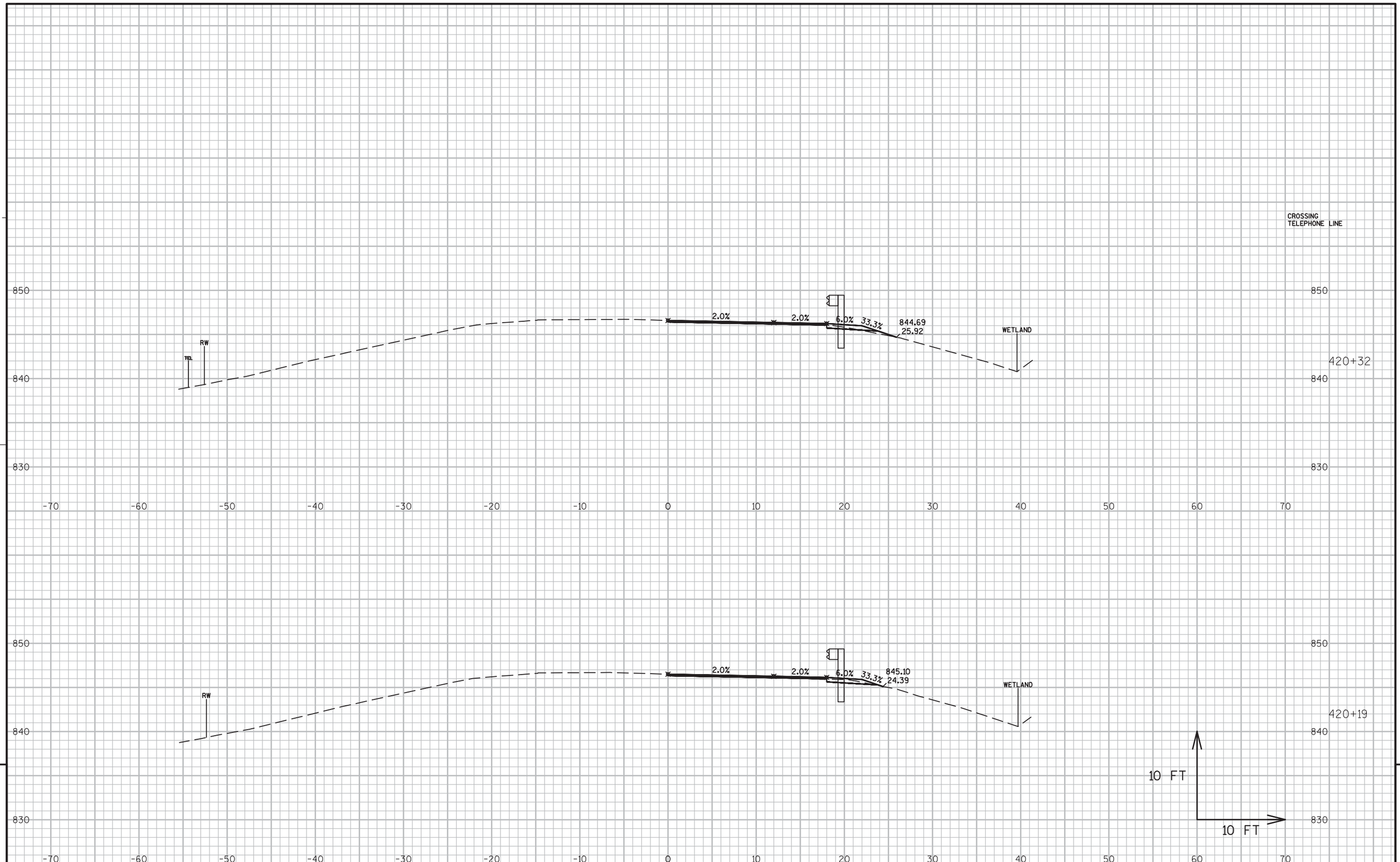
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 502	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 503	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



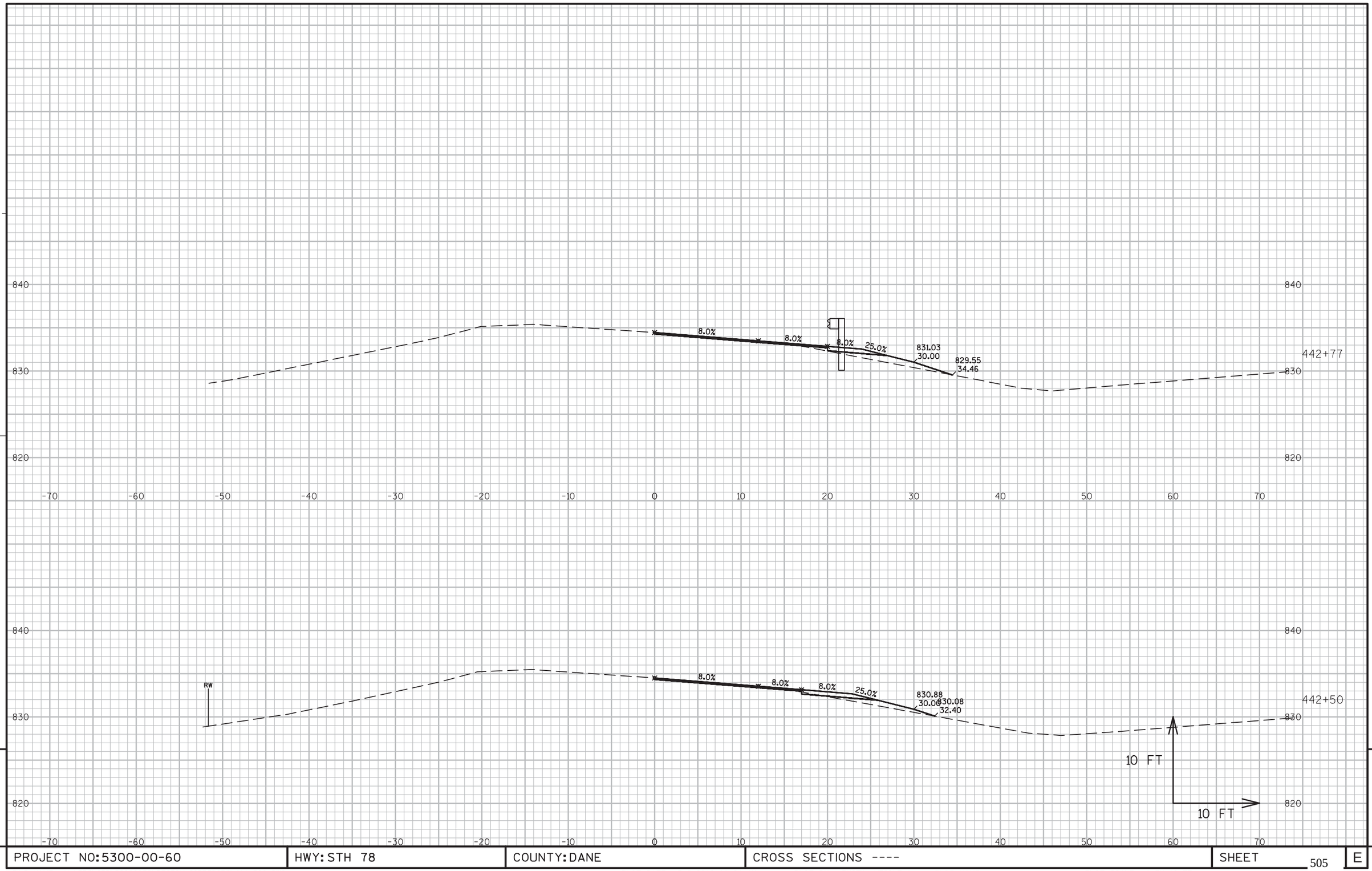
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 504	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 417-422

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



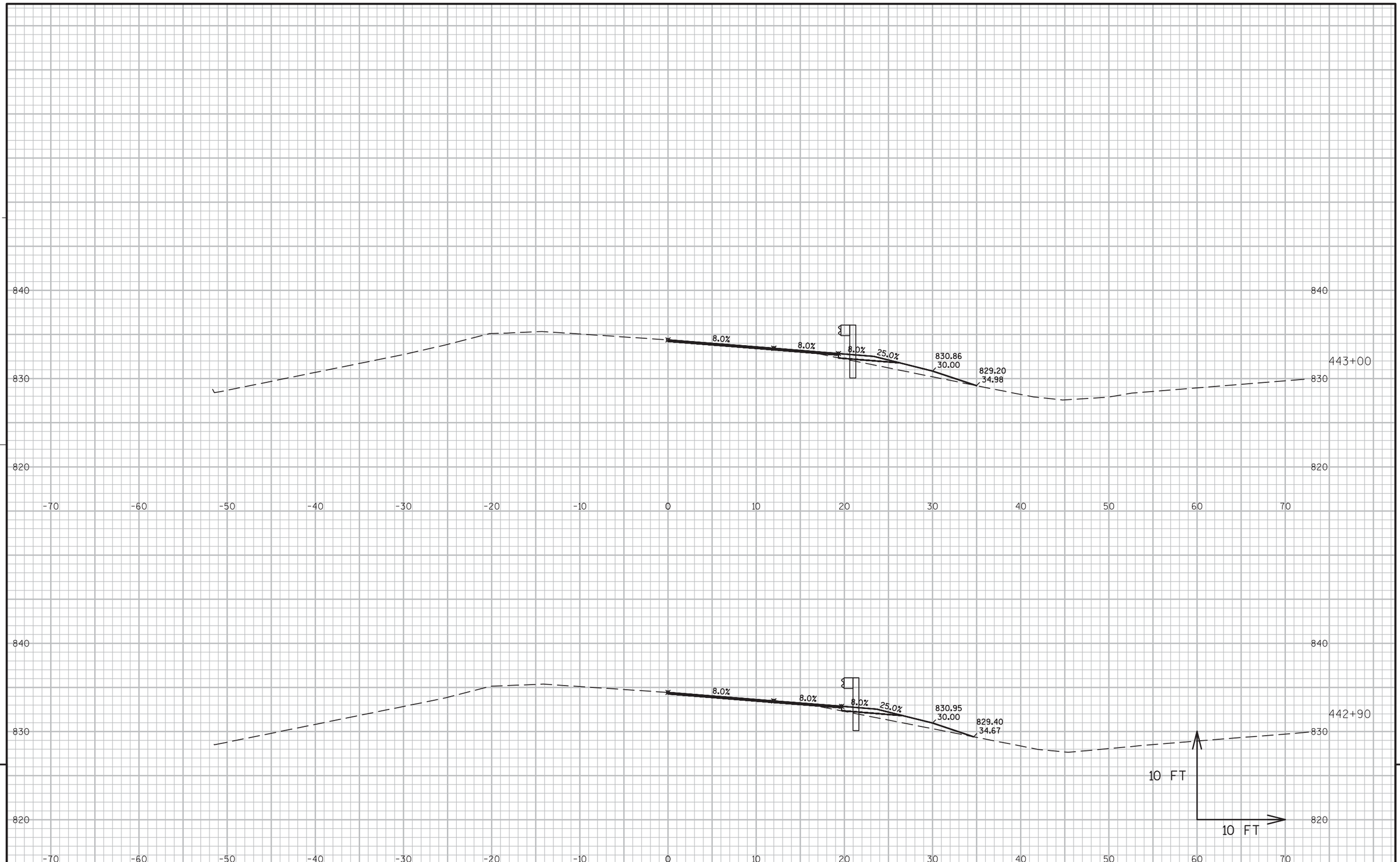
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 505	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 442-445

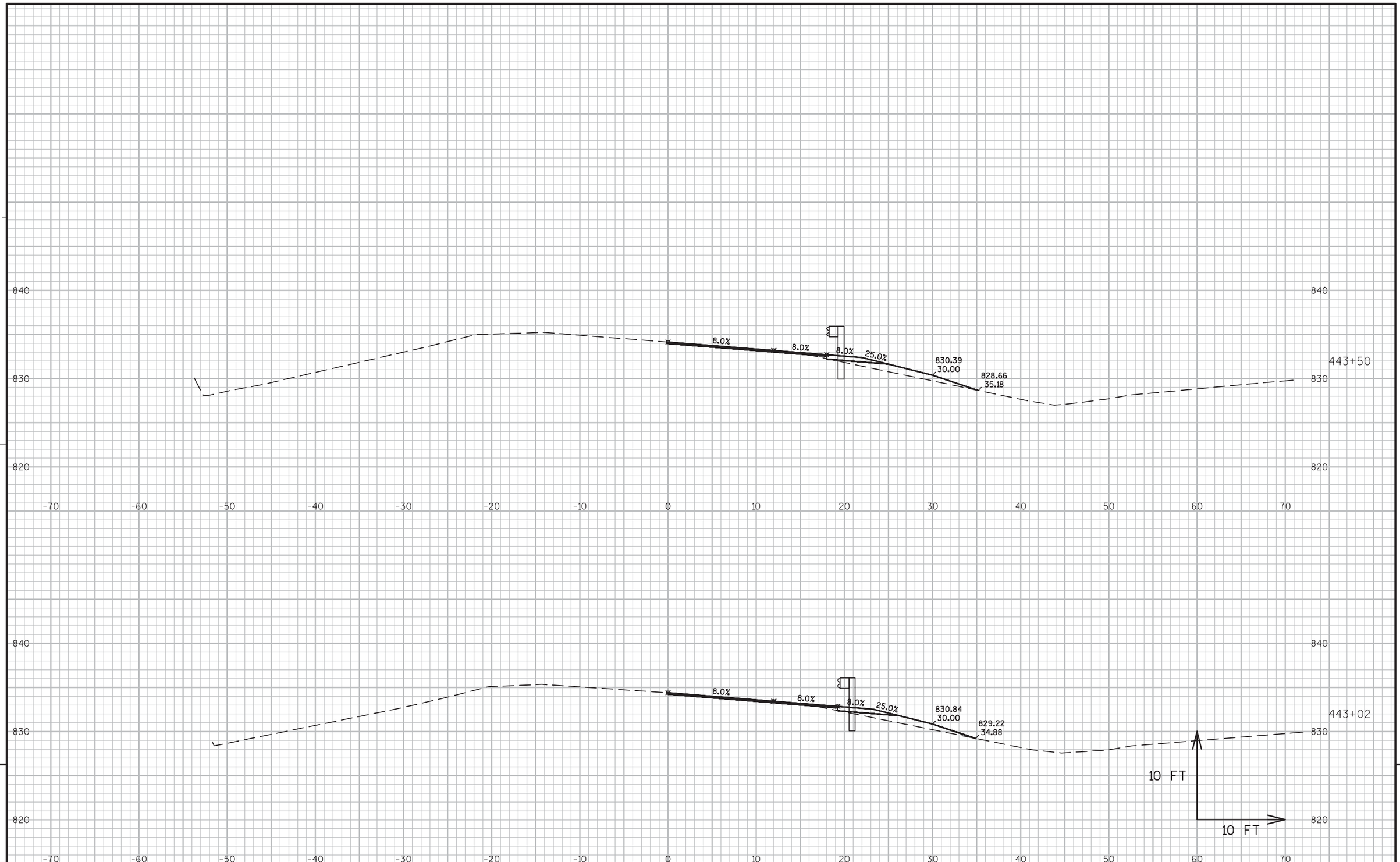
PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 506	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 442-445

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



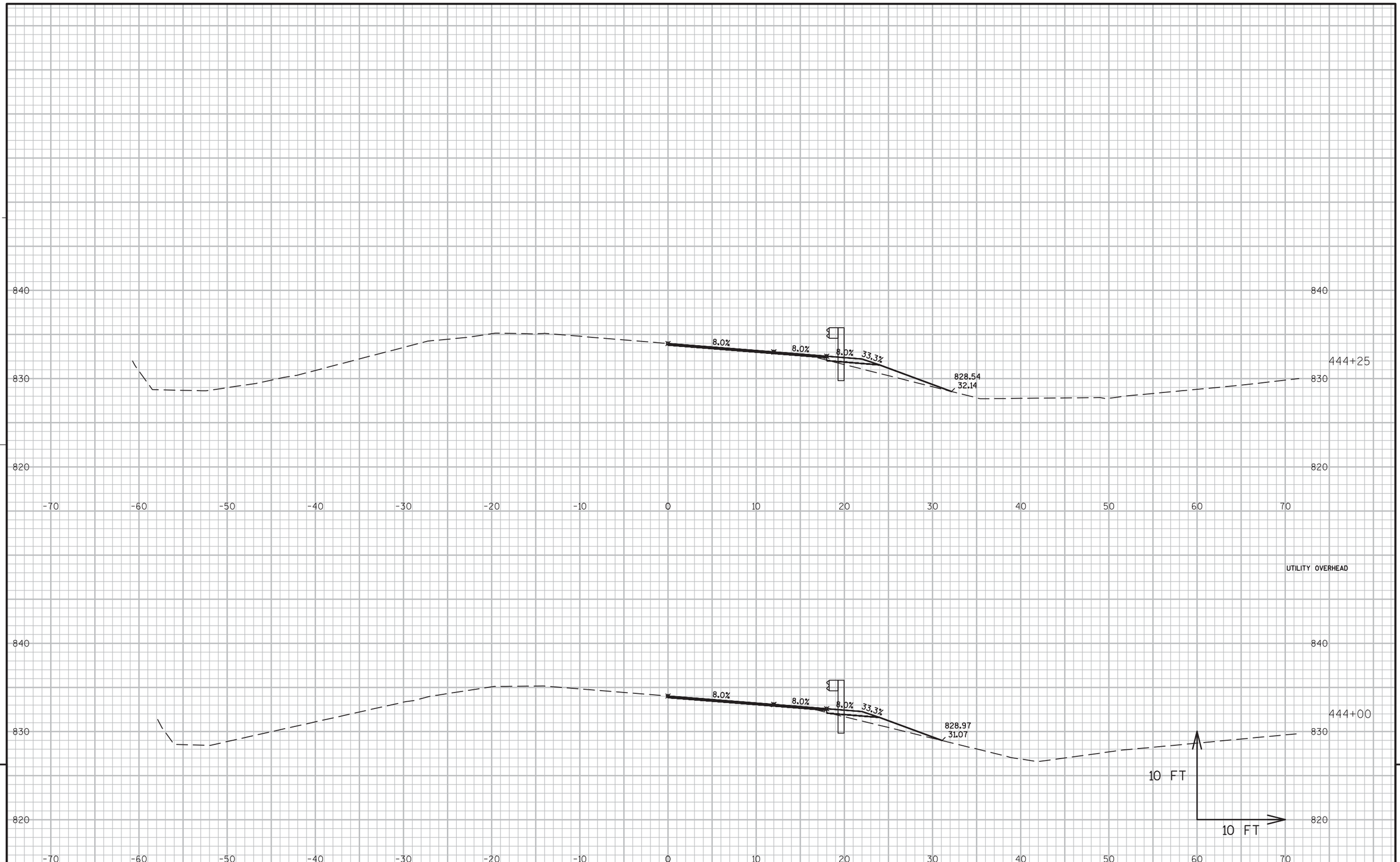
9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 507	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 442-445

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



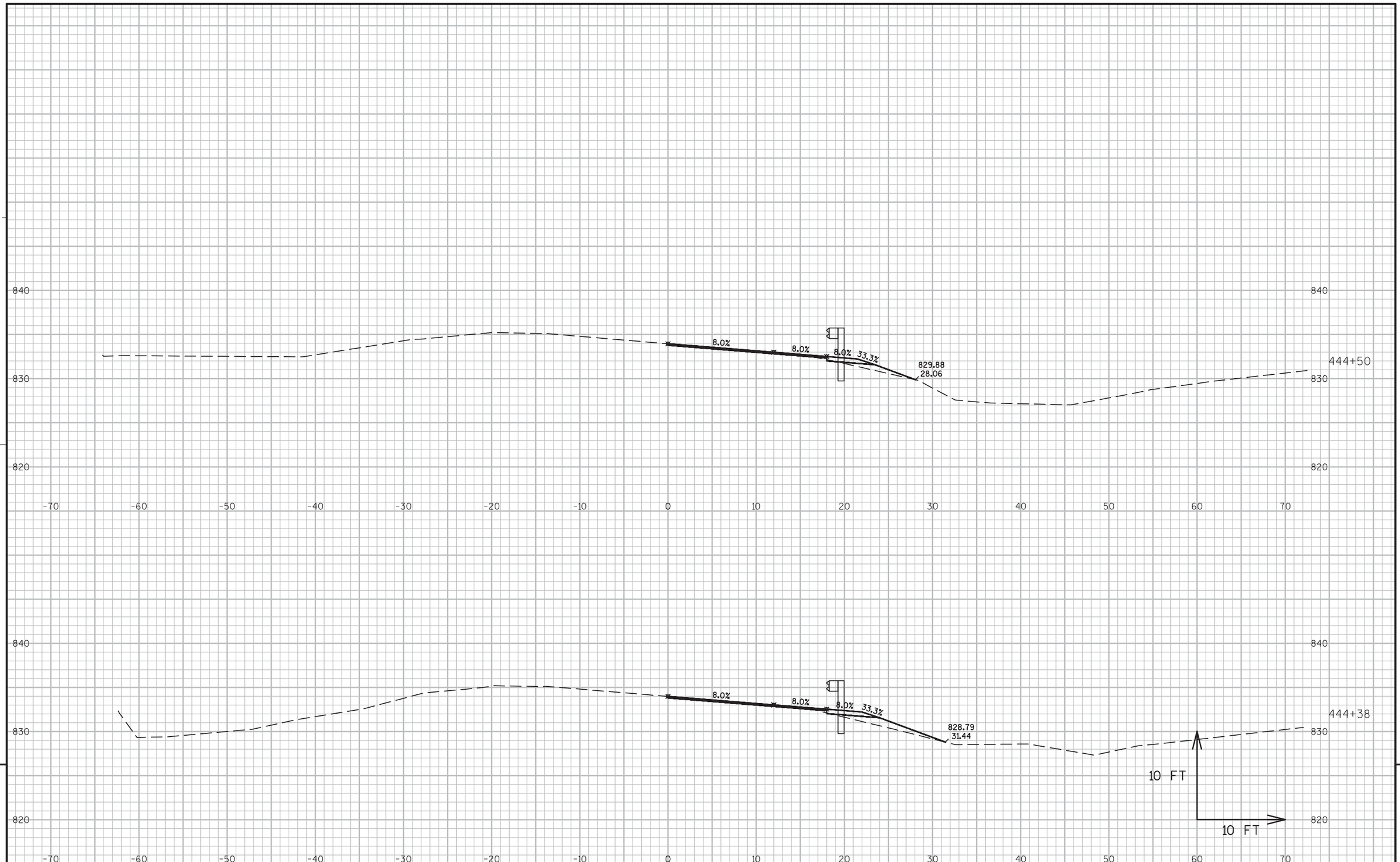
9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 508	E

9

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 442-445

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

9

PROJECT NO:5300-00-60	HWY: STH 78	COUNTY: DANE	CROSS SECTIONS ----	SHEET 509	E

FILE NAME : N:\PDS\C3D\56000030\DESIGN\CORRIDORS\411-500.DWG
LAYOUT NAME - 442-445

PLOT DATE : 3/2/2016 11:24 AM PLOT BY : RUSEK, NICOLE A PLOT NAME : PLOT SCALE : 1 IN:10 FT

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov