MAD

PROJECT ID: 1011-01-70

WITH: N/A

COUNTY: DANE

OCTOBER 2025

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 = 376



N

DESIGN DESIGNATION 1011-01-00

A.A.D.T.	2024	=	60,300
A.A.D.T.	2044	=	67,400
D.H.V.		=	8,580 - 10,040
D.D.		=	50/50
T.		=	22.7%
DESIGN SPEED		=	70 MPH
ESALS		=	22,000,000

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MADISON - PORTAGE

.55 MI S CTH V TO NORTH COUNTY LINE

IH 39

DANE COUNTY

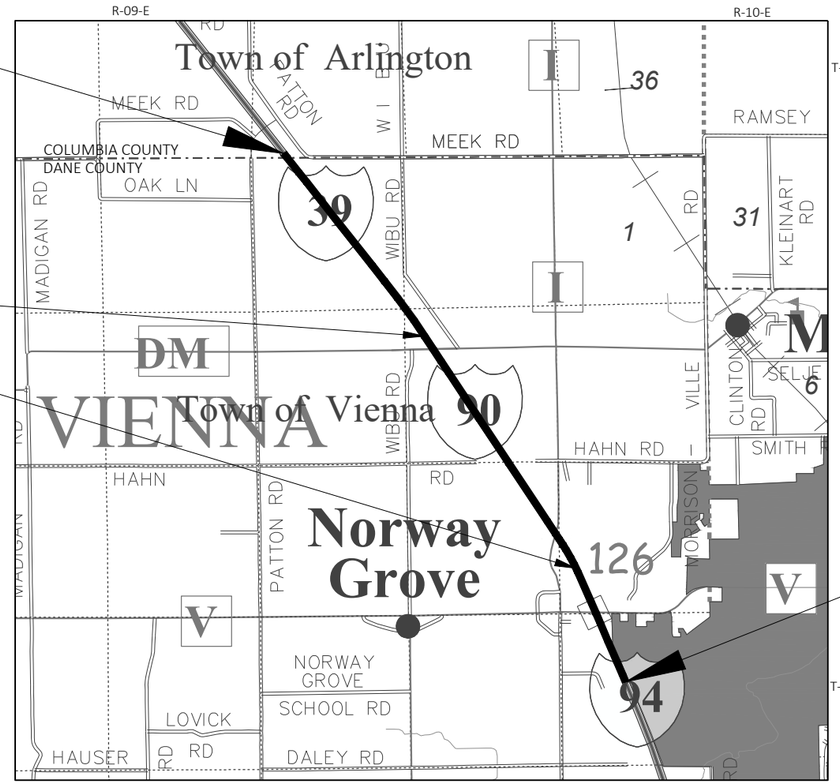
STATE PROJECT NUMBER
1011-01-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1011-01-70	WISC 2026001	1

BEGIN PROJECT
STA 405+70.46 'EB'
X=812,031.62
Y=562,989.28

STA BACK = 482+52.86'EB'
STA AHEAD = 483+31.72'EB'

STA BACK = 587+90.94'EB'
STA AHEAD = 587+96.05'EB'



END PROJECT
STA 629+24.00 'EB'
X= 823,917.31
Y= 544,267.19

LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 4.218 MI

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

ELEVATIONS ARE REFERENCED TO NAVD 88 (1988). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18

CONVENTIONAL SYMBOLS

PLAN

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

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

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

ORIGINAL PLANS PREPARED BY

ONEIDA Engineering Solutions



DATE: 7/17/24 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT/OES
Designer	ONEIDA ENGINEERING SOLUTIONS (OES)
Project Manager	AMY COUGHLIN
Regional Examiner	SW REIGION
Regional Supervisor	ALEX HAGEN

APPROVED FOR THE DEPARTMENT

DATE: 7/17/2024 (Signature)

E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\010101-TI.DWG PLOT DATE : 6/13/2024 4:22 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

UTILITIES CONTACTS

ALLIANT ENERGY
ELECTRICITY
KAI GRAFF
6462 BLANCHARS CROSSING
WINDSOR, WI 53598
(608) 459-5797
KAIGRAFF@ALLIANTENERGY.COM

AT&T LEGACY
COMMUNICATION LINE
KENNETH NINE
110 N MAIN STREET
CULVER, IN 46511
(574) 904-6336
KNINE@JMCEAINC.COM

ATC MANAGEMENT, INC.
ELECTRICITY TRANSMISSION
DOUG VOSBERG
2489 RINDEN ROAD
COTTAGE GROVE, WI 53527
(608) 877-7650
DVOSBERG@ATCLLC.COM

BRIGHTSPEED OF WESTERN WISCONSIN, LLC
COMMUNICATION LINE
SCOTT HEINZELMAN
144 N PEARL STREET
BERLIN, WI 54923
(920) 757-4802
SCOTT.HEINZELMAN@BRIGHTSPEED.COM

MADISON GAS AND ELECTRIC COMPANY
GAS/PETROLEUM
ROGER AHLES
623 RAILROAD STREET
MADISON, WI 53701
(608) 252-5682
RAHLES@MGE.COM

SPECTRUM
COMMUNICATION LINE
BRAD WAGNER
2701 DANIELS ST
MADISON, WI 53718
(608) 640-9407
BRAD.WAGNER@CHARTER.COM

TDS METROCOM LLC
COMMUNICATION LINE
JASON CARTWRIGHT
328 RAEMISCH ROAD
WAUNAKEE, WI 53597
(608) 828-5810
JASON.CARTWRIGHT@TDSTELECOM.COM

TOWN OF VIENNA
SEWER
SCOTT BENSON
7161 CTH I
DEFOREST, WI 53532
(608) 712-5384
PW1@VIENNAWI.GOV

VILLAGE OF DEFOREST
SEWER
GREG HALL
120 SOUTH STEVENSON STREET
DEFOREST, WI 53532
(608) 807-7023
HALLG@VI.DEFOREST.WI.US

VILLAGE OF DEFOREST
WATER
GREG HALL
120 SOUTH STEVENSON STREET
DEFOREST, WI 53532
(608) 807-7023
HALLG@VI.DEFOREST.WI.US

	TOTAL LAYER PAVEMENT THICKNESS	LAYERS	HMA PAVEMENT ITEM
IH 39	4 INCHES	2" UPPER 2" LOWER	HMA PAVEMENT 4 SMA 58-28 V HMA PAVEMENT 4 HT 58-28 H

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

DESIGN CONSULTANT

BRETT PERTERSON
ONEIDA ENGINEERING SOLUTIONS, LLC (OES)
5100 EASTPARK BLVD, SUITE 300
MADISON, WI 53718
(608) 241-6710
BPETERSON@OESCGROUP.COM

WISDOT PROJECT MANAGER

AMY COUGHLIN
WISDOT SW REGION PROJECT MANAGER
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MADISON, WI 53704
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AMY.COUGHLIN@DOT.WI.GOV

WDNR LIASON

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

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL DETAILS
PLAN DETAILS
EARTHWORK MATCHLINES
EROSION CONTROL
PAVEMENT MARKINGS
TRAFFIC CONTROL
DETOUR
ALIGNMENT DATA
ALIGNMENT LAYOUT - SURVEY CONTROL

GENERAL NOTES

- THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS
- CONTRACTORS WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS, OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.
- HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LBS/SY/IN.
- THE RATE OF APPLICATION FOR TACK COAT IS 0.07 GAL/SY TO CONCRETE PAVEMENT SURFACES AND O.05 GAL/SY BETWEEN LAYERS OF NEW HMA PAVEMENT.
- DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT THE APPROVAL OF THE ENGINEER.
- PRIOR TO THE PLACEMENT OF MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE.
- EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- 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, PASSING OR PARKING LANE.

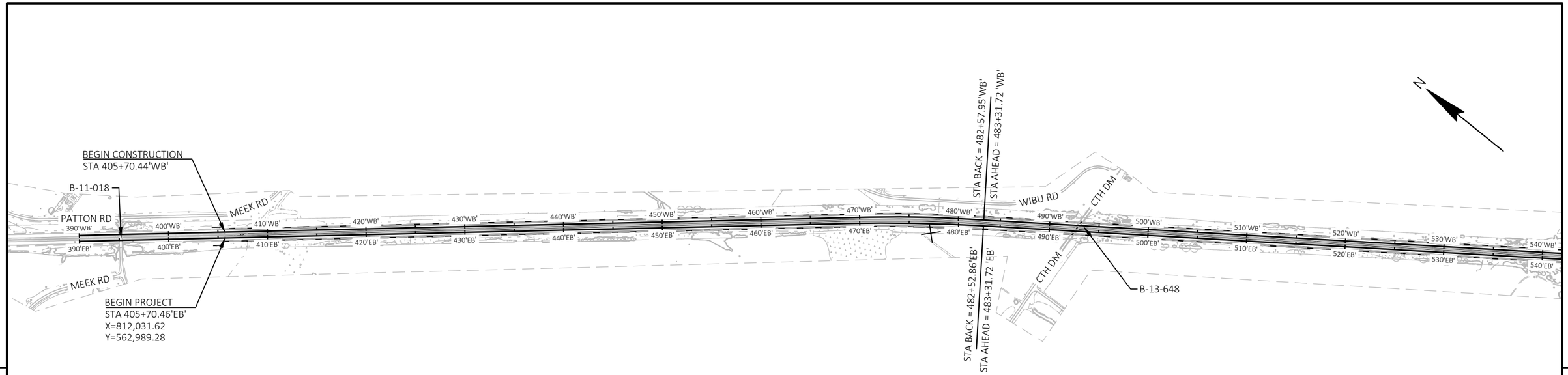
RUNOFF COEFFICIENT TABLE

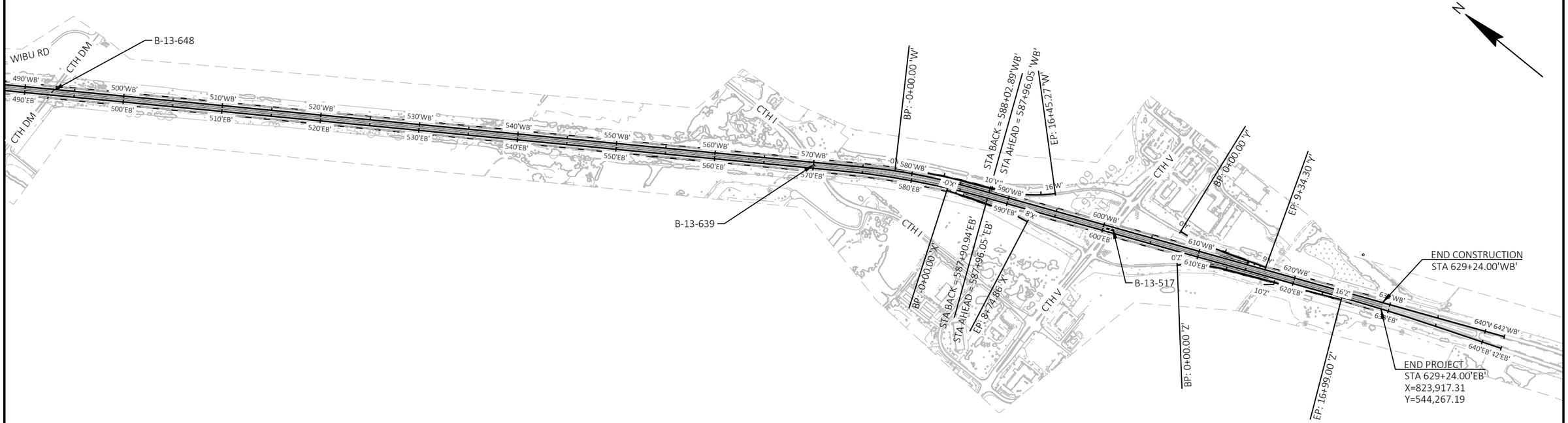
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS:	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33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

TOTAL PROJECT AREA = 67.597 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 4.035 ACRES

STANDARD ABBREVIATIONS

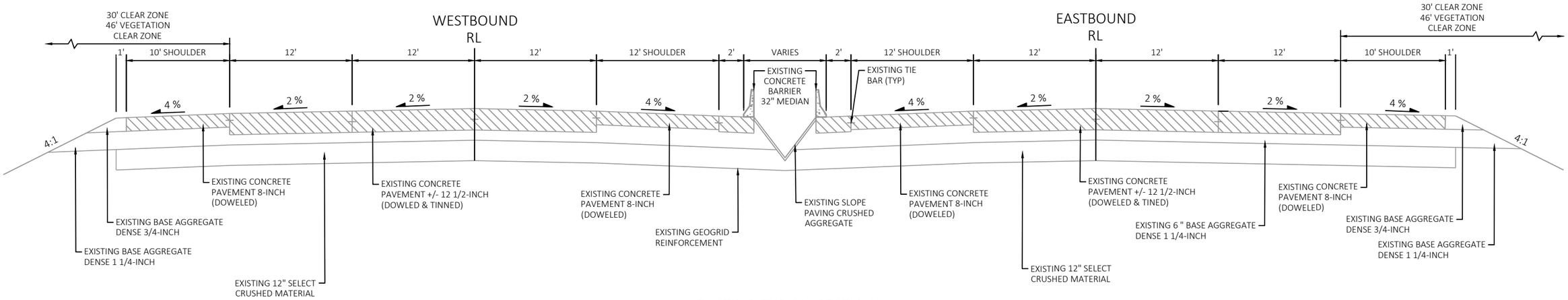
AGG - AGGREGATE
AADT - AVERAGE ANNUAL DAILY TRAFFIC
ASPH - ASPHALTIC
BAD - BASE AGGREGATE DENSE
BM - BENCH MARK
CB - CATCH BASIN
CL OR C/L - CENTER LINE
CONC - CONCRETE
CONST - CONSTRUCTION
CP - CONTROL POINT
CO - COUNTY
CY - CUBIC YARD
C & G - CURB AND GUTTER
Δ - DELTA
D - DEGREE OF CURVE
DHV - DESIGN HOUR VOLUME
DIA - DIAMETER
DD - DIRECTIONAL DISTRIBUTION
EA - EACH
EB - EASTBOUND
EL OR E/L - ELEVATION
EXT - EXISTING
ESALS - EQUIVALENT SINGLE AXLE LOADS
FE - FIELD ENTRANCE
FT - FOOT
HMA - HOT MIX ASPHALT
INL - INLET
IIH - INTERSTATE HIGHWAY
INV - INVERT
JT - JOINT
LT - LEFT
L - LENGTH OF CURVE
LF - LINEAR FOOT
LS - LUMP SUM
MAX - MAXIMUM
MIN - MINMUM
MGAL - ONE THOUSAND GALLONS
ML OR M/L - MATCH LINE
NC - NORMAL CROWN
PAVT - PAVEMENT
PC - POINT OF CURVATURE
PI - POINT OF INTERSECTION
PCC - PORTLAND CEMENT CONCRETE
LB - POUND
PROJ - PROJECT
PL - PROPERTY LINE
PRW - PROPOSED RIGHT OF WAY
R - RADIUS OF CURVE
RL OR R/L - REFERENCE LINE
REQD - REQUIRED
R/W - RIGHT OF WAY
RD - ROAD
RDWY - ROADWAY
SHLD - SHOULDER
SPECS - SPECIFICATIONS
SF - SQUARE FOOT
SY - SQUARE YARDS
SDD - STANDARD DETAIL DRAWING
STA - STATION
SE - SUPER ELEVATION
SEG - SEGMENT
T - TRUCK (PERCENT OF)
TYP - TYPICAL
V - VELOCITY OR DESIGN SPEED
VAR - VARIABLE
WB - WESTBOUND





PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PROJECT OVERVIEW	SHEET 3	E

2



EXISTING TYPICAL SECTIONS

WESTBOUND

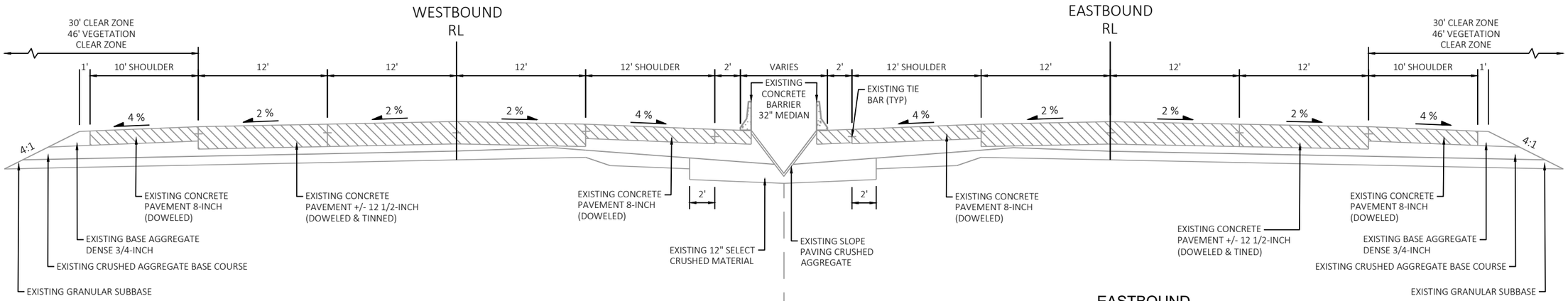
STA 405+70.44'WB' - STA 413+70'WB'
*STA 486+75'WB' - STA 499+25'WB'
STA 623+17'WB' - STA 629+24'WB'

EASTBOUND

STA 405+70.46'EB' - STA 413+70'EB'
*STA 485+82'EB' - STA 498+82'EB'
STA 623+00'EB' - STA 629+24'EB'

* EXISTING GEOGRID REINFORCEMENT BELOW SELECT CRUSHED MATERIAL.

2



WESTBOUND

STA 413+70'WB' - STA 471+27'WB'
STA 479+94'WB' - STA 486+75'WB'
STA 499+25'WB' - STA 547+12'WB'
STA 599+78'WB' - STA 623+17'WB'

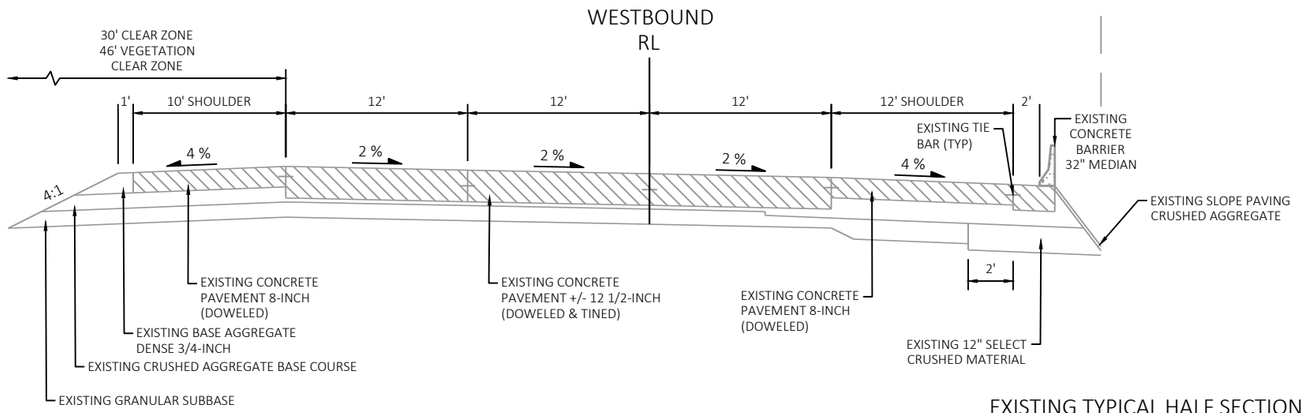
STATION EQUATIONS
STA BACK 482+57.95'WB'
STA AHEAD 483+31.72'WB'

EASTBOUND

STA 413+70'EB' - STA 485+82'EB'
STA 498+82'EB' - STA 547+12'EB'
STA 599+78'EB' - STA 623+00'EB'

STATION EQUATIONS
STA BACK 482+52.86'EB'
STA AHEAD 483+31.72'EB'

EXISTING TYPICAL SECTIONS



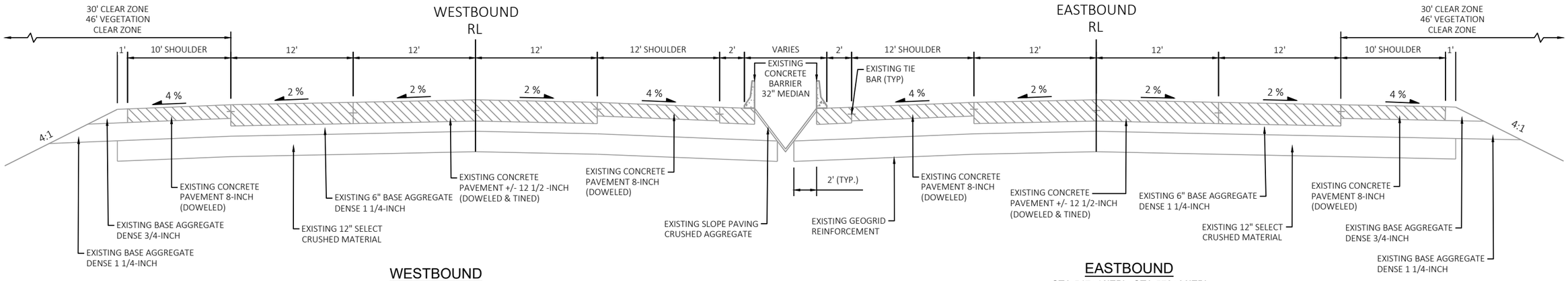
WESTBOUND

STA 471+27'WB' - STA 479+94'WB'

EXISTING TYPICAL HALF SECTIONS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 5 E

2



WESTBOUND

STA 547+12'WB' - STA 575+83'WB'
STA 583+71'WB' - STA 599+78'WB'

STATION EQUATIONS
STA BACK 588+02.89'WB'
STA AHEAD 587+96.05'WB'

EXISTING TYPICAL SECTIONS

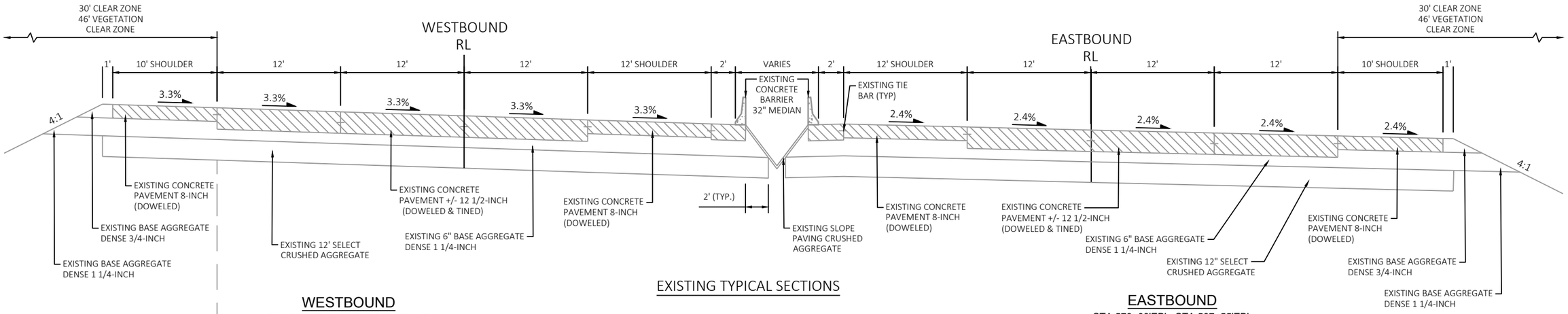
EASTBOUND

STA 547+12'EB' - STA 573+08'EB'
STA 587+55'EB' - STA 599+78'EB'

STATION EQUATIONS
STA BACK 587+90.94'EB'
STA AHEAD 587+96.05'EB'

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 6	E

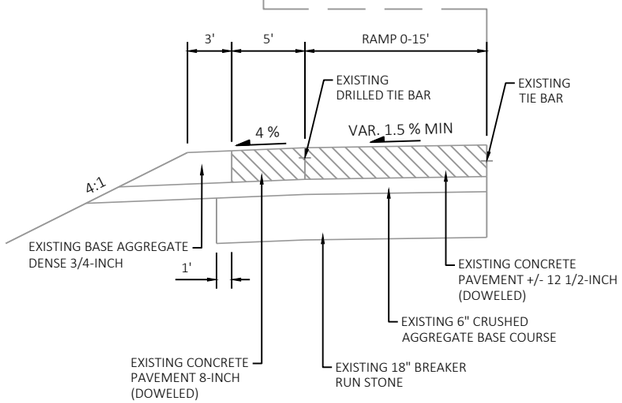
2



EXISTING TYPICAL SECTIONS

WESTBOUND
STA 575+83'WB' - STA 583+71'WB'

EASTBOUND
STA 573+08'EB' - STA 587+55'EB'

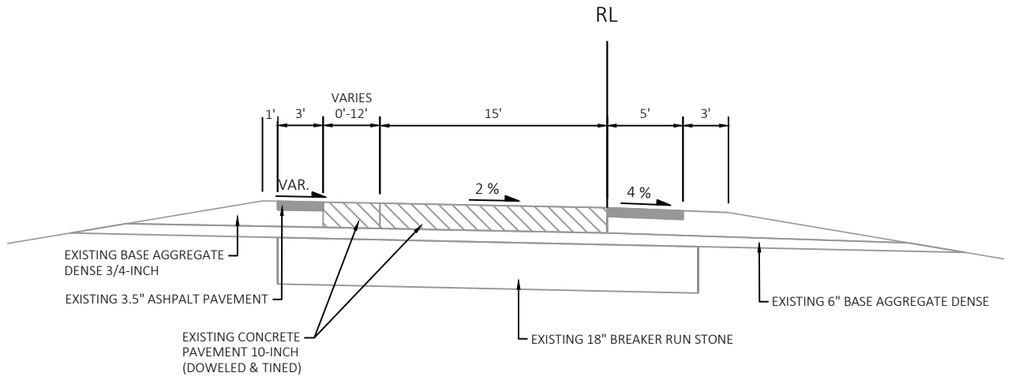


EXISTING TYPICAL SECTION
STA 579+43'WB' - STA 581+96'WB'

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 7	E

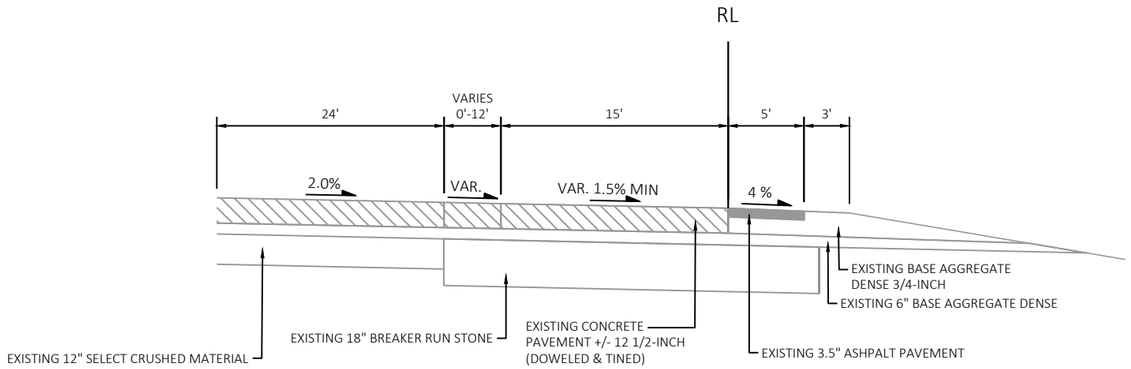
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LAYOUT NAME - 04
PLOT DATE : 3/13/2025 12:29 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION

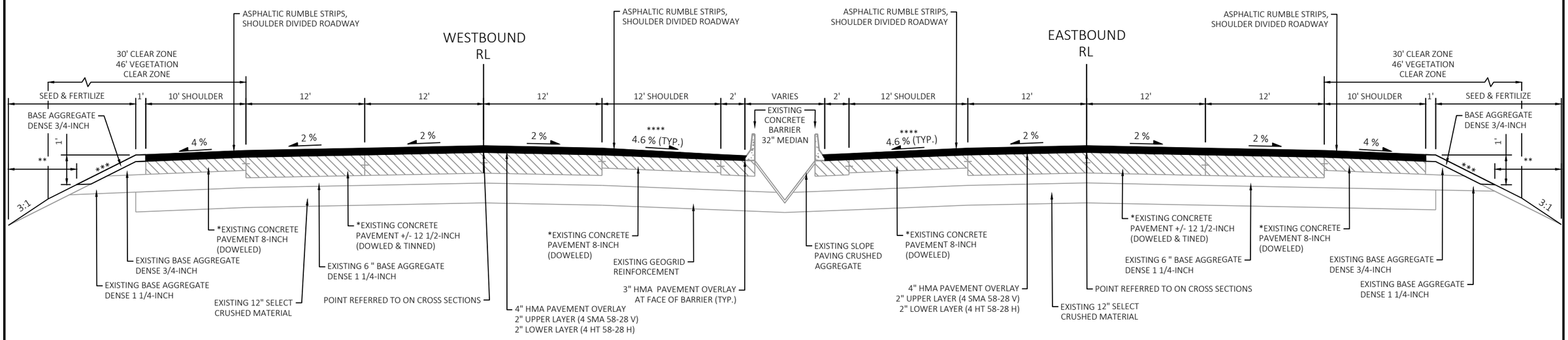
STA 12+11.14'W' - STA 12+72.78'W' (LOOKING DOWN STATION)
STA 4+16.42'X' - STA 4+71.94'X'
STA 4+68.83'Y' - STA 5+11.52'Y' (LOOKING DOWN STATION)
STA 2+73.10'Z' - STA 3+33.52'Z'



EXISTING TYPICAL SECTION

STA 00+00.00'W' - STA 12+11.14'W' (LOOKING DOWN STATION)
STA 00+00.00'X' - STA 4+16.42'X'
STA 5+11.52'Y' - STA 9+34.30'Y' (LOOKING DOWN STATION)
STA 3+33.52'Z' - STA 16+99.00'Z'

2



* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

*** 3.6:1 MAX TO THE 30' CLEAR ZONE, 4:1 TYPICAL

**** TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

FINISHED TYPICAL SECTIONS

WESTBOUND

STA 405+70.44'WB' - STA 413+70'WB'
***** STA 486+75'WB' - STA 499+25'WB'
STA 623+17'WB' - STA 629+24'WB'

***** EXISTING GEOGRID REINFORCEMENT BELOW SELECT CRUSHED MATERIAL.

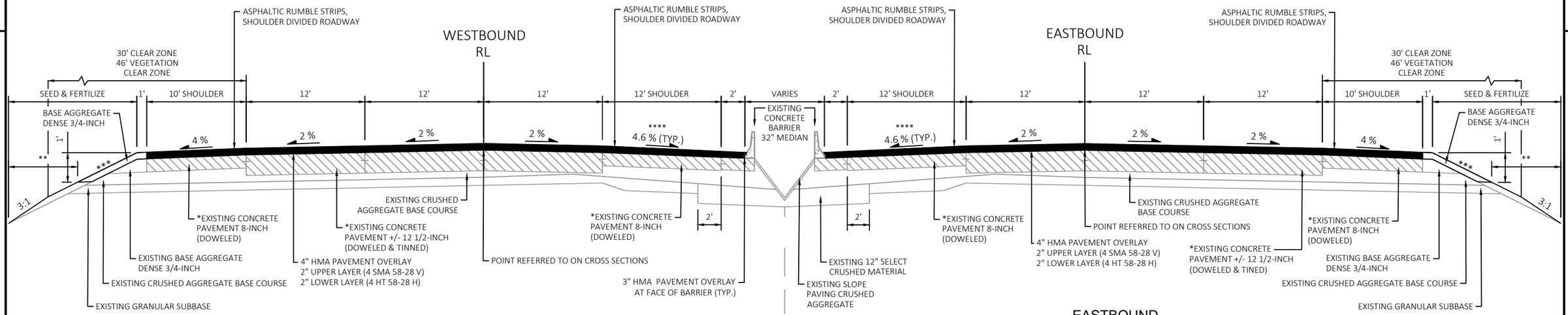
EASTBOUND

STA 405+70.46'EB' - STA 413+70'EB'
***** STA 485+82'EB' - STA 498+82'EB'
STA 623+00'EB' - STA 629+24'EB'

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 9	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 06
PLOT DATE : 3/13/2025 12:50 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



FINISHED TYPICAL SECTIONS

WESTBOUND

STA 413+70'WB' - STA 471+27'WB'
STA 479+94'WB' - STA 486+75'WB'
STA 499+25'WB' - STA 547+12'WB'
STA 599+78'WB' - STA 623+17'WB'

STATION EQUATIONS
STA BACK 482+57.95'WB'
STA AHEAD 483+31.72'WB'

EASTBOUND

STA 413+70'EB' - STA 485+82'EB'
STA 498+82'EB' - STA 547+12'EB'
STA 599+78'EB' - STA 623+00'EB'

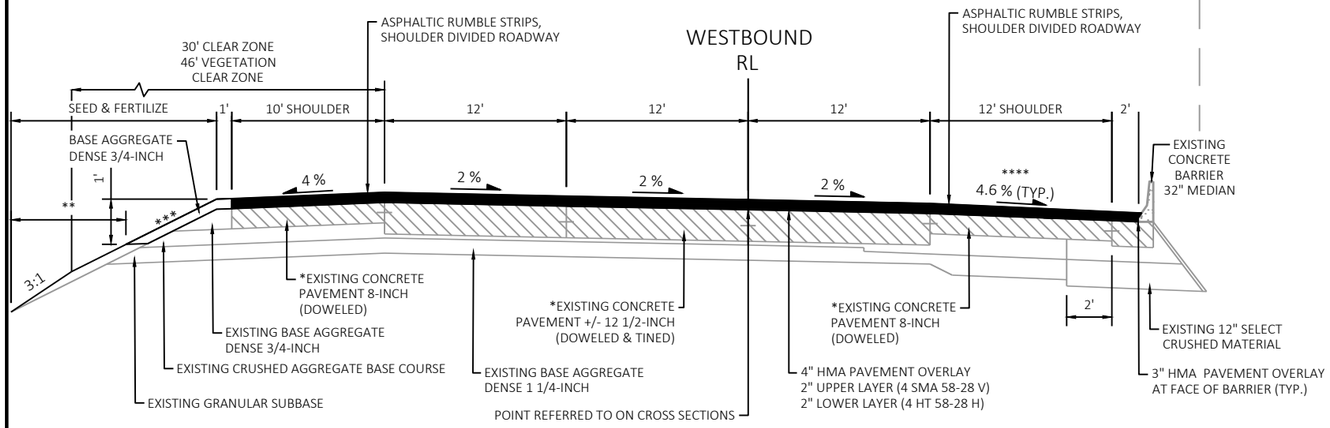
STATION EQUATIONS
STA BACK 482+52.86'EB'
STA AHEAD 483+31.72'EB'

* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

*** 3.6:1 MAX TO THE 30' CLEAR ZONE, 4:1 TYPICAL

**** TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.



FINISHED TYPICAL HALF SECTIONS

WESTBOUND

STA 471+27'WB' - STA 479+94'WB'

* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

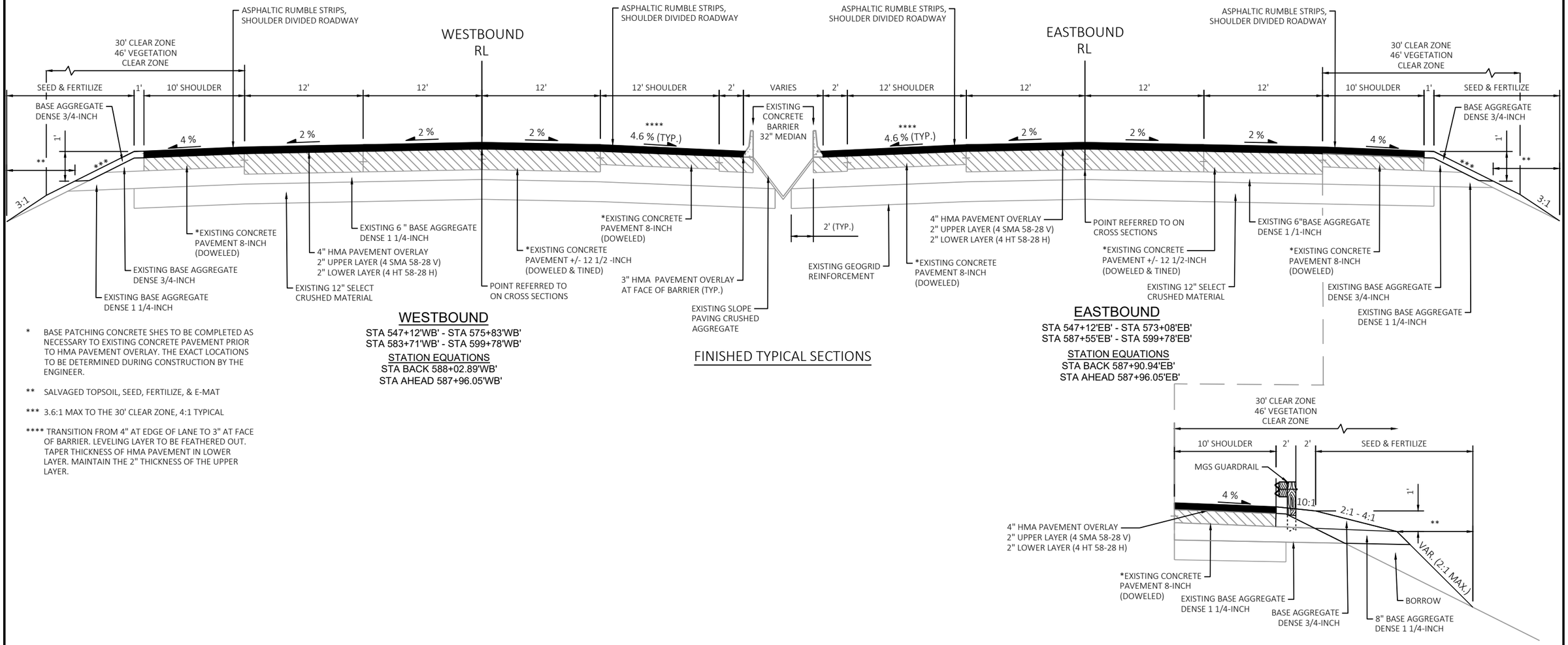
*** 3.6:1 MAX TO THE 30' CLEAR ZONE, 4:1 TYPICAL

**** TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 10	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 07
PLOT DATE : 3/13/2025 12:51 PM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



WESTBOUND

STA 547+12'WB' - STA 575+83'WB'
STA 583+71'WB' - STA 599+78'WB'

STATION EQUATIONS
STA BACK 588+02.89'WB'
STA AHEAD 587+96.05'WB'

EASTBOUND

STA 547+12'EB' - STA 573+08'EB'
STA 587+55'EB' - STA 599+78'EB'

STATION EQUATIONS
STA BACK 587+90.94'EB'
STA AHEAD 587+96.05'EB'

FINISHED TYPICAL SECTIONS

* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

*** 3.6:1 MAX TO THE 30' CLEAR ZONE, 4:1 TYPICAL

**** TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

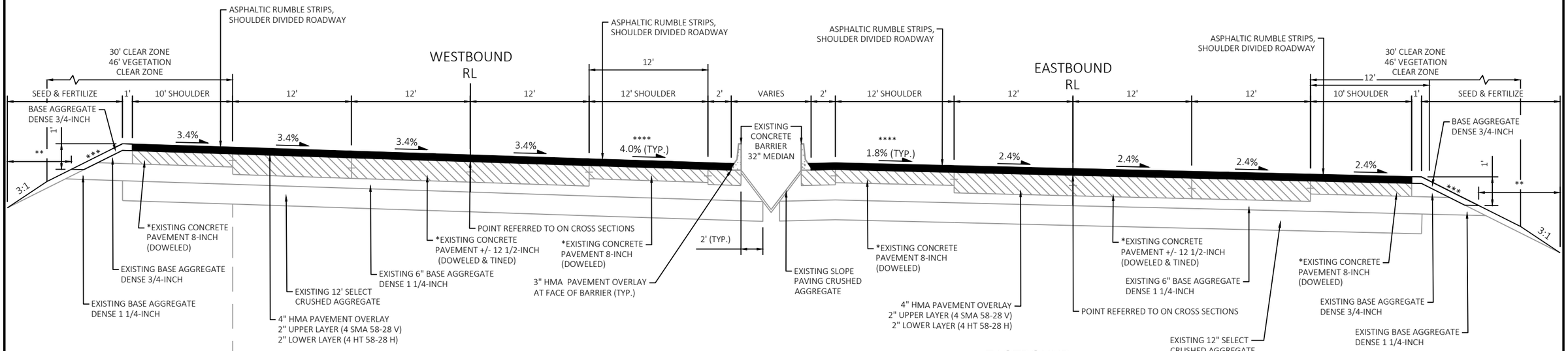
FINISHED TYPICAL SECTION

STA 553+64.91'EB' - STA 558+68.00'EB'

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 11	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 08
PLOT DATE : 3/13/2025 12:52 PM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



WESTBOUND

STA 575+83'WB' - STA 583+71'WB'

EASTBOUND

STA 573+08'EB' - STA 587+55'EB'

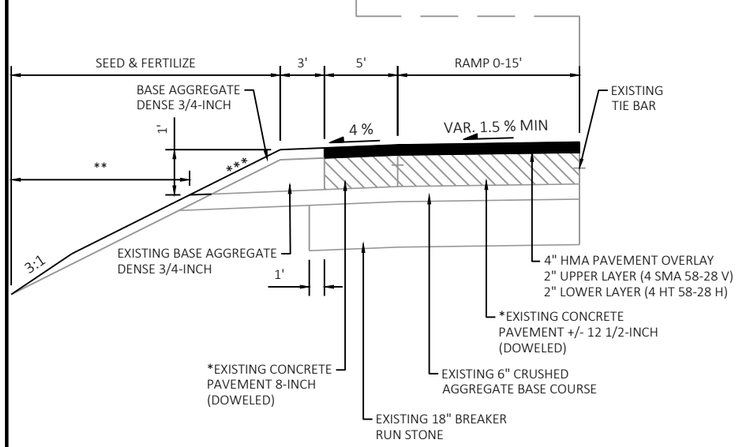
FINISHED TYPICAL SECTIONS

* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

*** 3.6:1 MAX TO THE CLEAR ZONE, 4:1 TYPICAL

**** TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.



FINISHED TYPICAL SECTION

STA 579+43'WB' - STA 581+96'WB'

* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

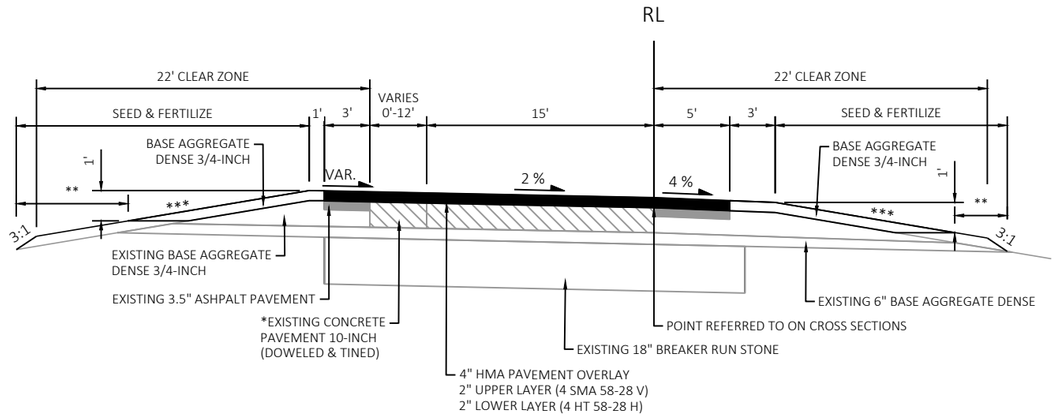
*** 3.6:1 MAX TO THE CLEAR ZONE, 4:1 TYPICAL

**** TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TYPICAL SECTIONS	SHEET 12	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 09
PLOT DATE : 3/13/2025 12:52 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



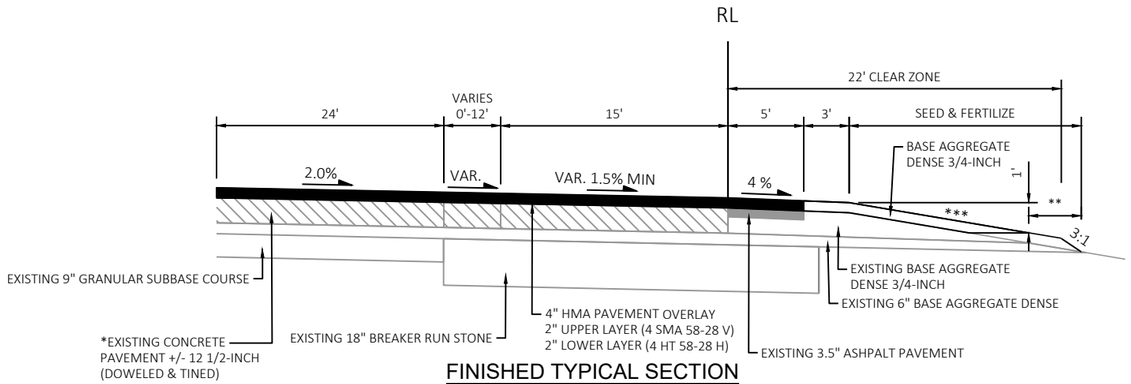
FINISHED TYPICAL SECTION

STA 12 +11.14'W' - STA 12 +72.78'W' (LOOKING DOWN STATION)
STA 4+16.42'X' - STA 4+71.94'X'
STA 4+68.83'Y' - STA 5+11.52'Y' (LOOKING DOWN STATION)
STA 2+73.10'Z' - STA 3+33.52'Z'

* BASE PATCHING CONCRETE SHES TO BE COMPLETED AS NECESSARY TO EXISTING CONCRETE PAVEMENT PRIOR TO HMA PAVEMENT OVERLAY. THE EXACT LOCATIONS TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

** SALVAGED TOPSOIL, SEED, FERTILIZE, & E-MAT

*** 3.6:1 MAX TO THE CLEAR ZONE, 4:1 TYPICAL



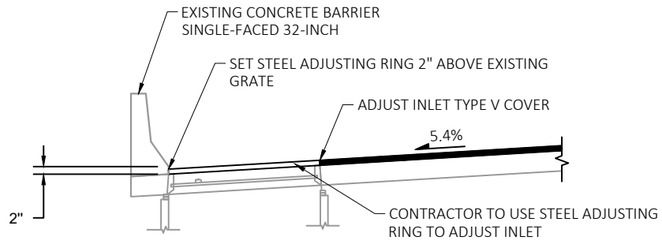
FINISHED TYPICAL SECTION

STA 00+00.00'W' - STA 12 +11.14'W' (LOOKING DOWN STATION)
STA 00+00.00'X' - STA 4+16.42'X'
STA 5+11.52'Y' - STA 9+34.30'Y' (LOOKING DOWN STATION)
STA 3+33.52'Z' - STA 16+99.00'Z'

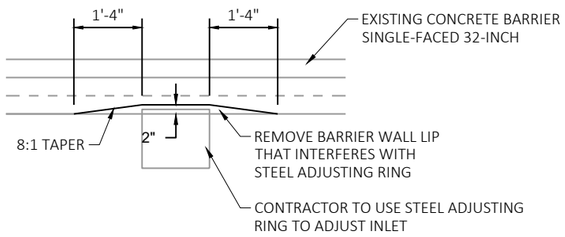
IH 39 EB SUPERELEVATION TABLE						
STATION	DESCRIPTION	LEFT INSIDE SHOULDER	LEFT INSIDE LANE	RIGHT INSIDE LANE	RIGHT OUTSIDE LANE	RIGHT OUTSIDE SHOULDER
570+56.05'EB'	END NORMAL SHOULDER	−4.60%	−2.00%	−2.00%	−2.00%	−4.00%
570+56.05'EB'	END NORMAL CROWN	−4.60%	−2.00%	−2.00%	−2.00%	−4.00%
571+76.05'EB'	LEVEL CROWN	−0.60%	0.00%	−2.00%	−2.00%	−4.00%
572+96.05'EB'	REVERSE CROWN	1.40%	2.00%	−2.00%	−2.00%	−4.00%
573+20.05'EB'	BEGIN FULL SUPER	1.80%	2.40%	−2.40%	−2.40%	−4.00%
587+42.95'EB'	END FULL SUPER	1.80%	2.40%	−2.40%	−2.40%	−4.00%
587+66.95'EB'	REVERSE CROWN	1.40%	2.00%	−2.00%	−2.00%	−4.00%
588+92.05'EB'	LEVEL CROWN	−0.60%	0.00%	−2.00%	−2.00%	−4.00%
590+12.05'EB'	BEGIN NORMAL CROWN	−4.60%	−2.00%	−2.00%	−2.00%	−4.00%
590+12.05'EB'	BEGIN NORMAL SHOULDER	−4.60%	−2.00%	−2.00%	−2.00%	−4.00%

IH 39 WB SUPERELEVATION TABLE						
STATION	DESCRIPTION	LEFT OUTSIDE SHOULDER	LEFT OUTSIDE LANE	LEFT INSIDE LANE	RIGHT INSIDE LANE	RIGHT INSIDE SHOULDER
468+96.97'WB'	END NORMAL SHOULDER	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%
468+96.97'WB'	END NORMAL CROWN	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%
470+16.97'WB'	LEVEL CROWN	0.00%	0.00%	0.00%	-2.00%	-4.60%
471+36.97'WB'	REVERSE CROWN	2.00%	2.00%	2.00%	-2.00%	-4.60%
471+36.97'WB'	BEGIN FULL SUPER	2.00%	2.00%	2.00%	-2.00%	-4.60%
479+83.78'WB'	END FULL SUPER	2.00%	2.00%	2.00%	-2.00%	-4.60%
479+83.78'WB'	REVERSE CROWN	2.00%	2.00%	2.00%	-2.00%	-4.60%
481+03.78'WB'	LEVEL CROWN	0.00%	0.00%	0.00%	-2.00%	-4.60%
482+23.78'WB'	BEGIN NORMAL CROWN	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%
482+23.78'WB'	BEGIN NORMAL SHOULDER	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%

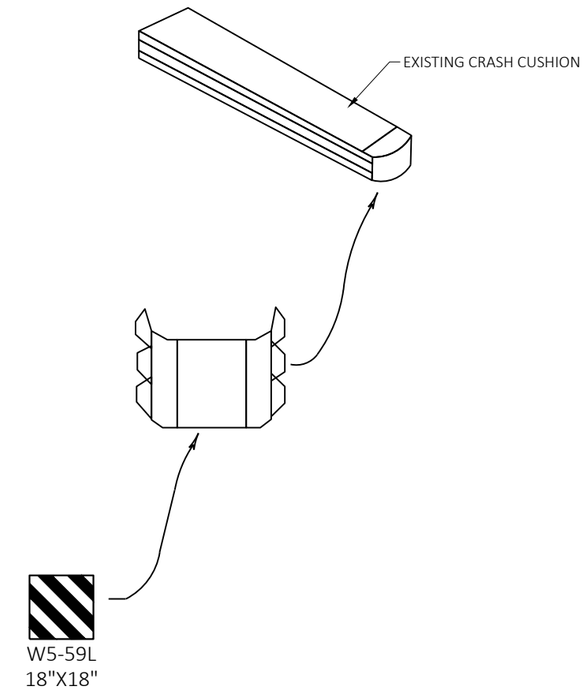
IH 39 WB SUPERELEVATION TABLE						
STATION	DESCRIPTION	LEFT OUTSIDE SHOULDER	LEFT OUTSIDE LANE	LEFT INSIDE LANE	RIGHT INSIDE LANE	RIGHT INSIDE SHOULDER
572+75.71'WB'	END NORMAL SHOULDER	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%
572+75.71'WB'	END NORMAL CROWN	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%
573+95.71'WB'	LEVEL CROWN	0.00%	0.00%	0.00%	-2.00%	-4.60%
575+15.71'WB'	REVERSE CROWN	2.00%	2.00%	2.00%	-2.00%	-4.60%
575+99.71'WB'	BEGIN FULL SUPER	3.40%	3.40%	3.40%	-3.40%	-4.00%
584+76.27'WB'	END FULL SUPER	3.40%	3.40%	3.40%	-3.40%	-4.00%
585+60.27'WB'	REVERSE CROWN	2.00%	2.00%	2.00%	-2.00%	-4.60%
586+80.27'WB'	LEVEL CROWN	0.00%	0.00%	0.00%	-2.00%	-4.60%
588+00.27'WB'	BEGIN NORMAL CROWN	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%
588+00.27'WB'	BEGIN NORMAL SHOULDER	-4.00%	-2.00%	-2.00%	-2.00%	-4.60%



DETAIL OF INLET ADJUSTMENTS AT BARRIER



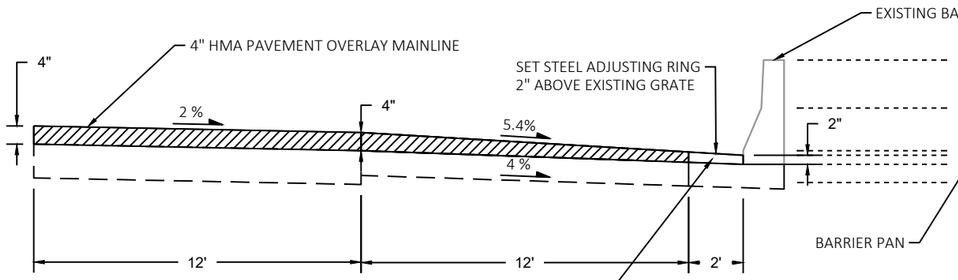
DETAIL OF REMOVING BARRIER WALL LIP
(SPV.0060.01)



CRASH CUSHION NOSE COVER CHEVRON DETAIL
(SPV.0060.02)

2

SECTION VIEW

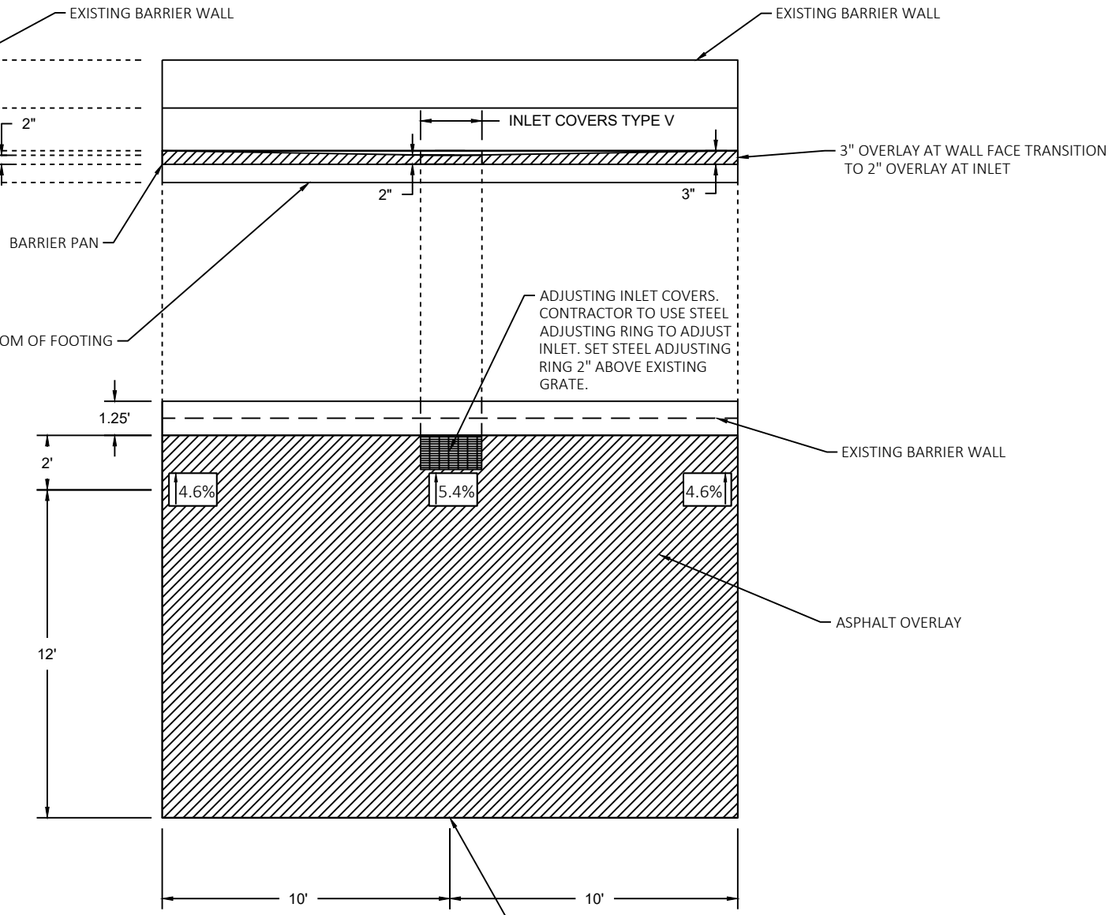


NOTE:
TRANSITION FROM 4" AT EDGE OF LANE TO 2" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER

PROPOSED SHOULDER PAVING AT EXISTING BARRIER WALL WITH 12' SHOULDERS AT INLET

STA 406+57 EB, LT	STA 406+57 WB, RT
STA 512+97 EB, LT	STA 512+98 WB, RT
STA 517+05 EB, LT	STA 517+06 WB, RT
STA 520+97 EB, LT	STA 520+97 WB, RT
STA 528+96 EB, LT	STA 528+97 WB, RT
STA 534+00 EB, LT	STA 534+00 WB, RT
STA 538+52 EB, LT	STA 538+52 WB, RT
STA 555+48 EB, LT	STA 554+88 WB, RT
STA 561+95 EB, LT	STA 555+48 WB, RT
STA 567+42 EB, LT	STA 561+95 WB, RT
STA 571+50 EB, LT	STA 567+43 WB, RT
STA 591+96 EB, LT	STA 574+40 WB, RT
STA 603+03 EB, LT	STA 585+53 WB, RT
	STA 591+96 WB, RT
	STA 598+04 WB, RT
	STA 603+02 WB, RT

FRONT VIEW

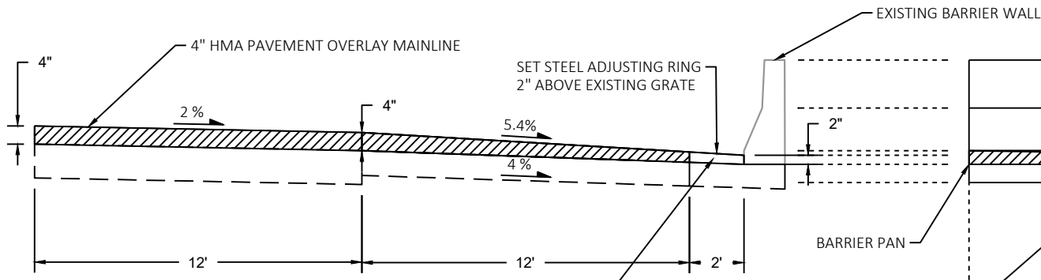


TOP VIEW

MAINTAIN 5.4% GRADE AND
2" OVERLAY AT INLETS

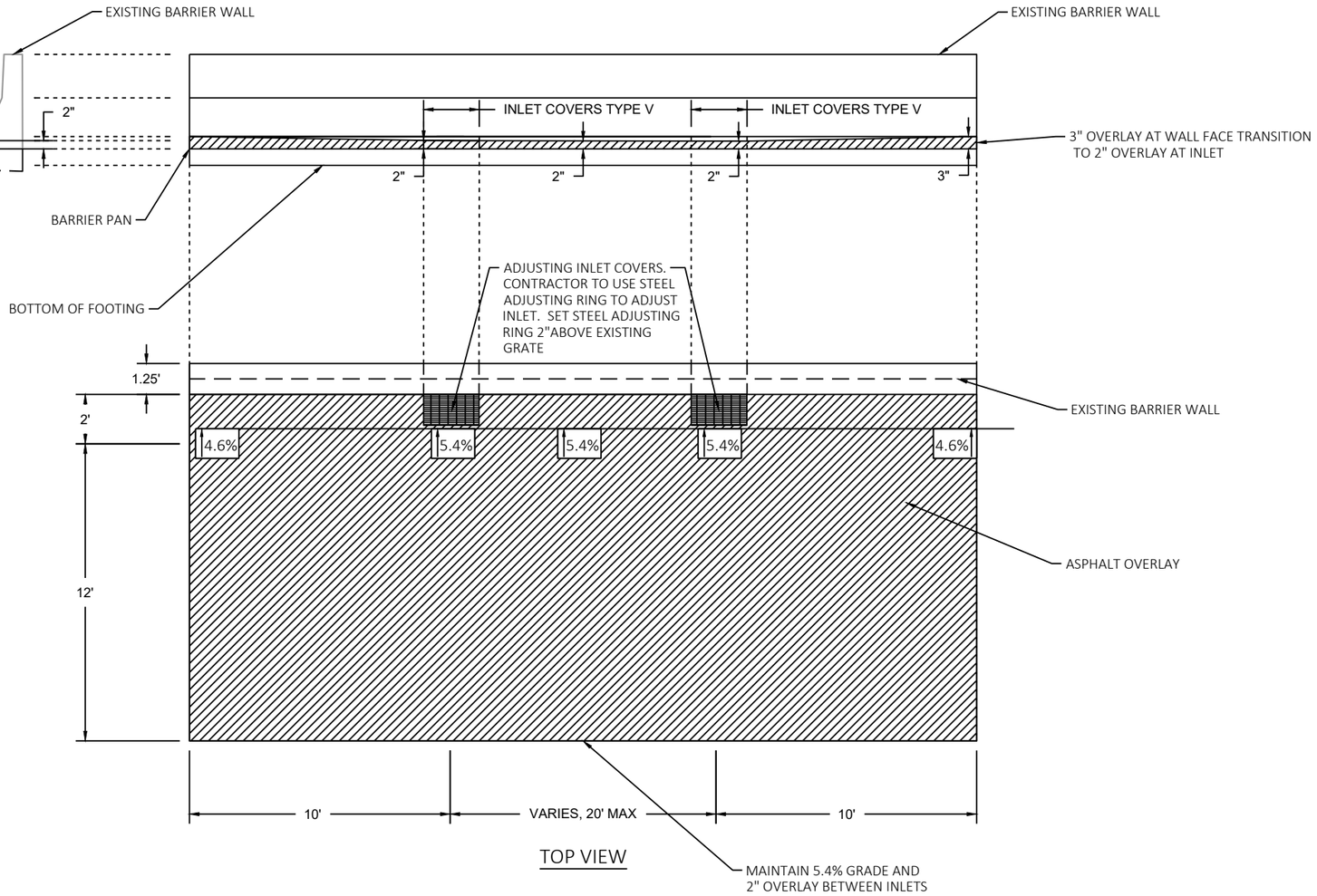
2

SECTION VIEW



NOTE:
TRANSITION FROM 4" AT EDGE OF LANE TO 2" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER

FRONT VIEW



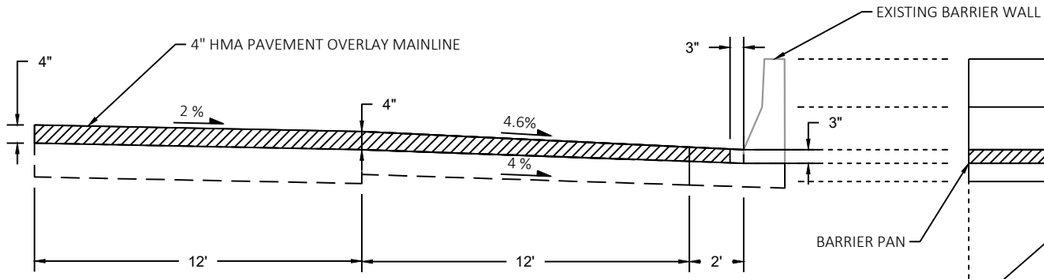
TOP VIEW

PROPOSED SHOULDER PAVING AT EXISTING BARRIER WALL WITH 12' SHOULDERS MULTIPLE INLETS

STA 524+86 EB, LT & STA 524+99 EB, LT

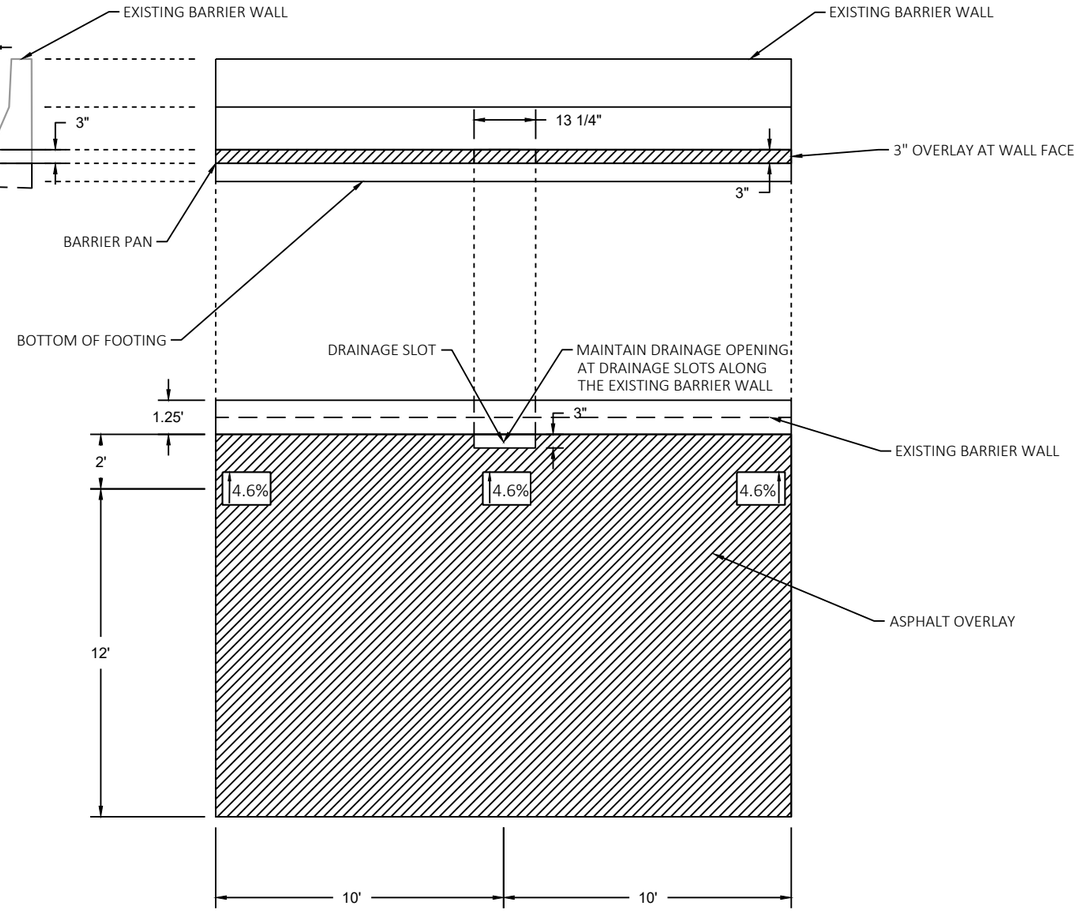
2

SECTION VIEW



NOTE:
TRANSITION FROM 4" AT EDGE OF LANE TO 3" AT FACE OF BARRIER. LEVELING LAYER TO BE FEATHERED OUT. TAPER THICKNESS OF HMA PAVEMENT IN LOWER LAYER. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER

FRONT VIEW

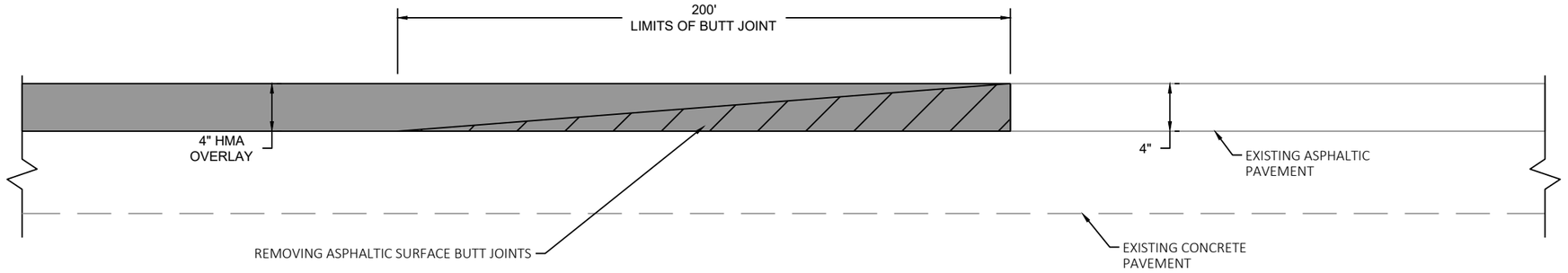


TOP VIEW

PROPOSED SHOULDER PAVING AT EXISTING BARRIER WALL WITH 12' SHOULDERS AT DRAINAGE SLOTS

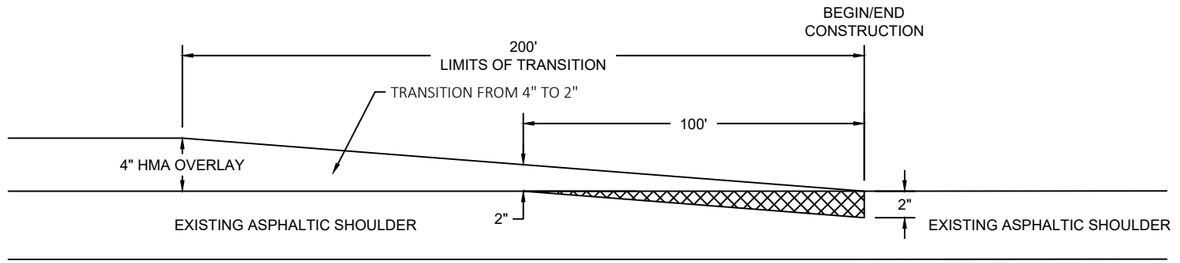
PROJECT 1011-01-70

2



REMOVING ASPHALTIC SURFACE BUTT JOINTS

STA 405+70.46'EB'
STA 405+70.44'WB'



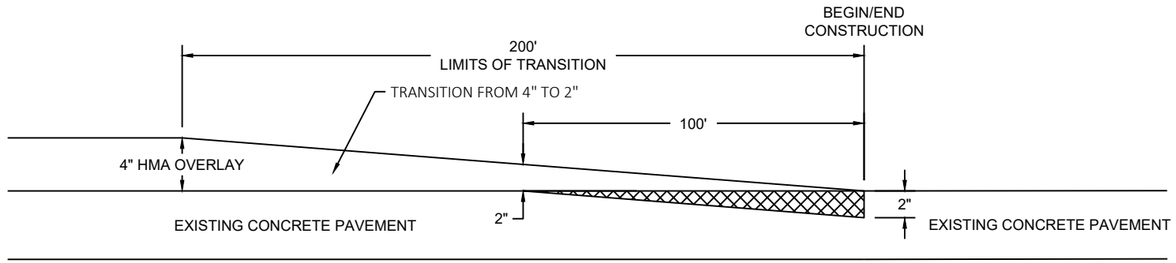
NOTES:
1. LEVELING LAYER TO BE FEATHER OUT.
2. TAPER THICKNESS OF HMA PAVEMENT LOWER LAYER.
3. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

REMOVING ASPHALTIC SURFACE BUTT JOINTS

TRANSVERSE SHOULDER BUTT JOINT DETAIL AT CTH V RAMPS

STA 12+72.78'W'
STA 4+71.94'X'
STA 4+68.83'Y'
STA 2+73.10'Z'

2

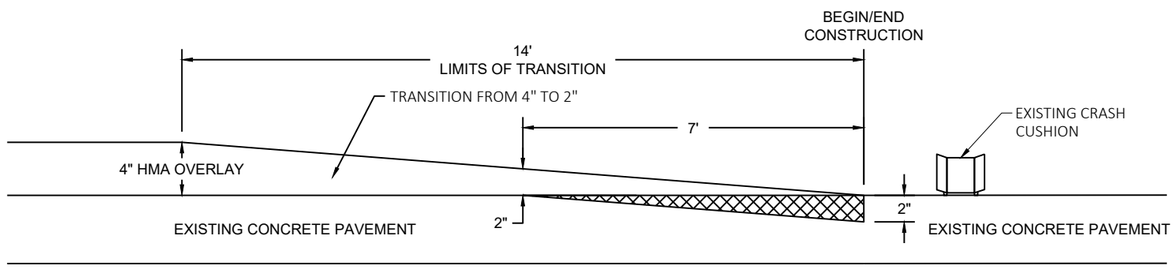


NOTES:
1. LEVELING LAYER TO BE FEATHER OUT.
2. TAPER THICKNESS OF HMA PAVEMENT LOWER LAYER.
3. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

REMOVING CONCRETE PAVEMENT BUTT JOINTS

TRANSVERSE BUTT JOINT DETAIL

STA 629+24.00'EB'
STA 629+24.00'WB'
STA 12+72.78'W'
STA 4+71.94'X'
STA 4+68.83'Y'
STA 2+73.10'Z'



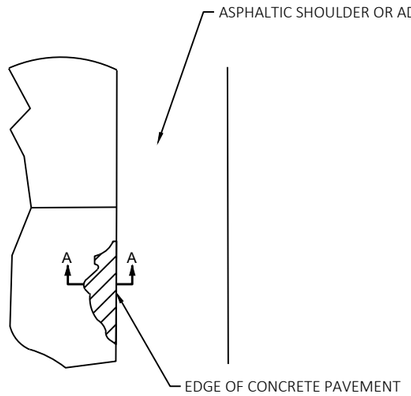
NOTES:
1. LEVELING LAYER TO BE FEATHER OUT.
2. TAPER THICKNESS OF HMA PAVEMENT LOWER LAYER.
3. MAINTAIN THE 2" THICKNESS OF THE UPPER LAYER.

REMOVING CONCRETE PAVEMENT BUTT JOINTS

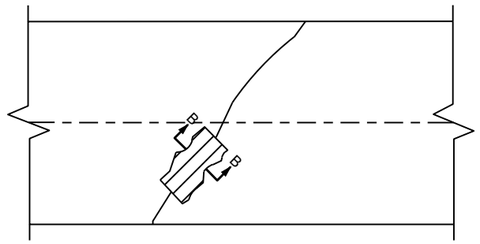
LONGITUDINAL BUTT JOINT DETAIL AT MAINTENANCE CROSSOVERS

STA 405+96'EB' - STA 408+82'EB'
STA 405+96'WB' - STA 408+82'WB'
STA 562+09'EB' - STA 565+15'EB'
STA 562+09'WB' - STA 565+15'WB'

2

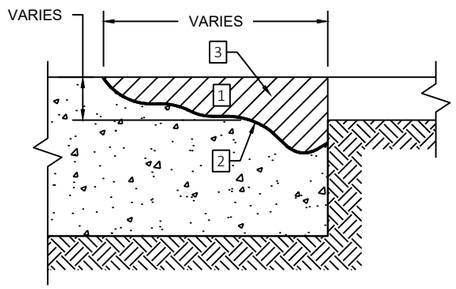


PLAN VIEW

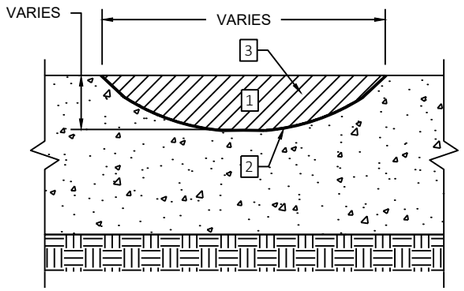


PLAN VIEW

NOTES:
1) REMOVE ALL UNSOUND AND DETERIORATED MATERIAL.
2) BLOW OUT REPAIR AREAS WITH 80 PSI MINIMUM COMPRESSED AIR. TACK COAT REQUIRED - PAID FOR UNDER CONCRETE JOINT AND CRACK CLEANING.
3) ASPHALTIC SURFACE.



SECTION A-A



SECTION B-B

CONCRETE JOINT AND CRACK CLEANING
(SPV.0090.01)

OVERLAID SHOULDER SLOPES EXCEED 6.0%
STA 406+66'WB' TO STA 408+12'WB'

406'WB' | 407'WB' | IH 39 NB/IH 90/94 WB | 408'WB'

12' 2 % | 14' 4.6 % | 7' 6 % | 6.6 % | 7' 6 % | 4.6 % | 14' | 12' 2 %

STA 405+96'WB'
BEGIN REMOVING CONCRETE PAVEMENT BUTT JOINTS

MATCH EXISTING ELEVATION
UNIFORM 2" HMA OVERLAY THICKNESS

STA 408+82'WB'
END REMOVING CONCRETE PAVEMENT BUTT JOINTS

STA 406+66'EB' | STA 406+96'EB' | STA 405+96'EB' | STA 407+82'EB' | STA 408+12'EB' | STA 408+82'EB'

W5-59L
18"X18"

EXISTING CRASH CUSHION TO REMAIN

STA 405+96'EB'
BEGIN REMOVING CONCRETE PAVEMENT BUTT JOINTS

STA 408+82'EB'
END REMOVING CONCRETE PAVEMENT BUTT JOINTS

406'EB' | 407'EB' | IH 39 SB/IH 90/94 EB | 408'EB'

OVERLAID SHOULDER SLOPES EXCEED 6.0%
STA 406+66'EB' TO STA 408+12'EB'

LEGEND
REMOVING CONCRETE PAVEMENT BUTT JOINTS

OVERLAID SHOULDER SLOPES EXCEED 6.0%
STA 562+79'WB' TO STA 564+45'WB'

563'WB' | IH 39 NB/IH 90/94 WB | 564'WB' | 565'WB'

2 % | 12' | 14' 4.6 % | 7' 6 % | 6.6 % | 7' 6 % | 4.6 % | 14' | 12' 2 %

MATCH EXISTING ELEVATION
UNIFORM 2" HMA OVERLAY THICKNESS

STA 562+09'WB'
BEGIN REMOVING CONCRETE PAVEMENT BUTT JOINTS

STA 565+15'WB'
END REMOVING CONCRETE PAVEMENT BUTT JOINTS

STA 562+79'EB' | STA 563+09'EB' | STA 562+09'EB' | STA 564+15'EB' | STA 564+45'EB' | STA 565+15'EB'

EXISTING CRASH CUSHION TO REMAIN

STA 562+09'EB'
BEGIN REMOVING CONCRETE PAVEMENT BUTT JOINTS

STA 565+15'EB'
END REMOVING CONCRETE PAVEMENT BUTT JOINTS

563'EB' | IH 39 SB/IH 90/94 EB | 564'EB' | 565'EB'

OVERLAID SHOULDER SLOPES EXCEED 6.0%
STA 562+79'EB' TO STA 564+45'EB'

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CONSTRUCTION DETAIL - CRASH CUSHION	SHEET 22	E

2

2

SIGN

IH 39 NB/90/94 WB

553'WB' 554'WB' 555'WB' 556'WB' 557'WB' 558'WB' 559'WB'

W INL INL

SIGN

W INL

553'EB' 554'EB' 555'EB' 556'EB' 557'EB' 558'EB' 559'EB'

IH 39 SB/90/94 EB

STA 553+64.91, 36.00' RT
POST 1

MGS GUARDRAIL TERMINAL EAT

STA 552+60.84, 35.00' RT

STA 554+14.89, 34.12' RT
POST 9

STA 553+44.91, 34.00' RT

450'

STA 558+68, 34.00' RT

STA 558+74.68, 35.00' RT

STA 554+18, 34.00' RT

STA 553+64.91, 41.94' RT

MGS GUARDRAIL 3

STA 558+65.12, 37.94' RT

MGS GUARDRAIL TERMINAL TYPE 2

STA 553+89.90, 35.06' RT
POST 5

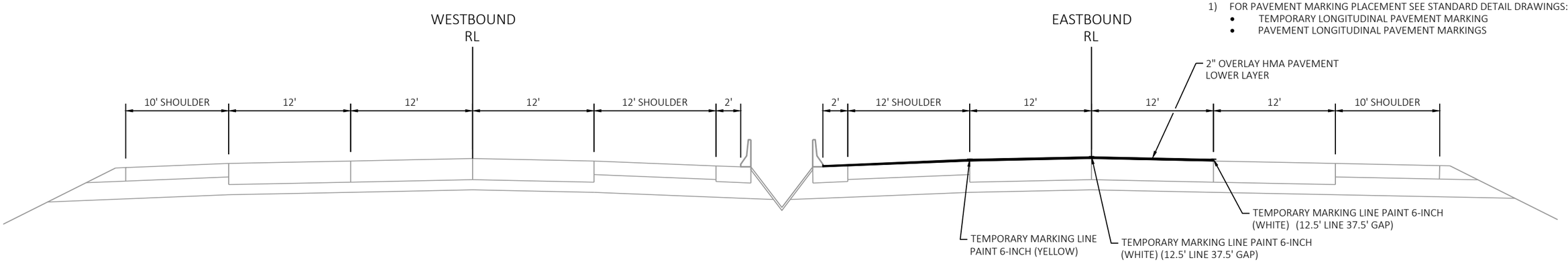
SLOPE INTERCEPT

EXISTING CONCRETE FLUME TO REMAIN

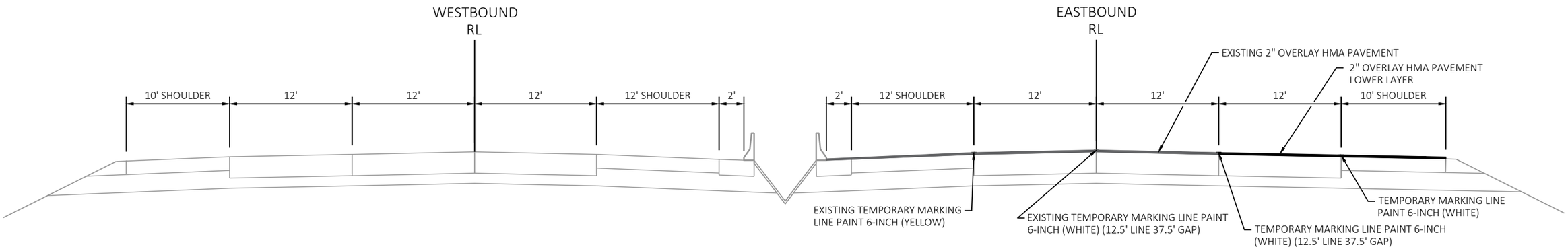
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CONSTRUCTION DETAIL - GUARDRAIL	SHEET 23	E

2

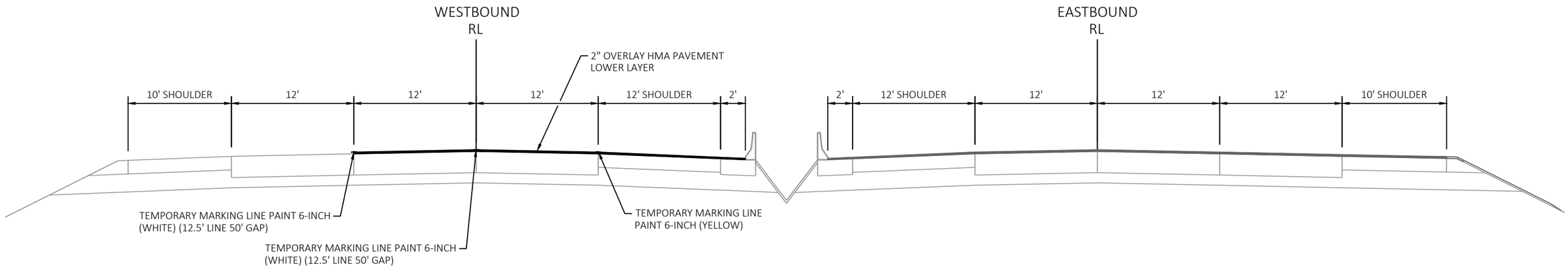
GENERAL NOTES:
1) FOR PAVEMENT MARKING PLACEMENT SEE STANDARD DETAIL DRAWINGS:
   - TEMPORARY LONGITUDINAL PAVEMENT MARKING
   - PAVEMENT LONGITUDINAL PAVEMENT MARKINGS



MARKING LINE SEQUENCE - 1



MARKING LINE SEQUENCE - 2

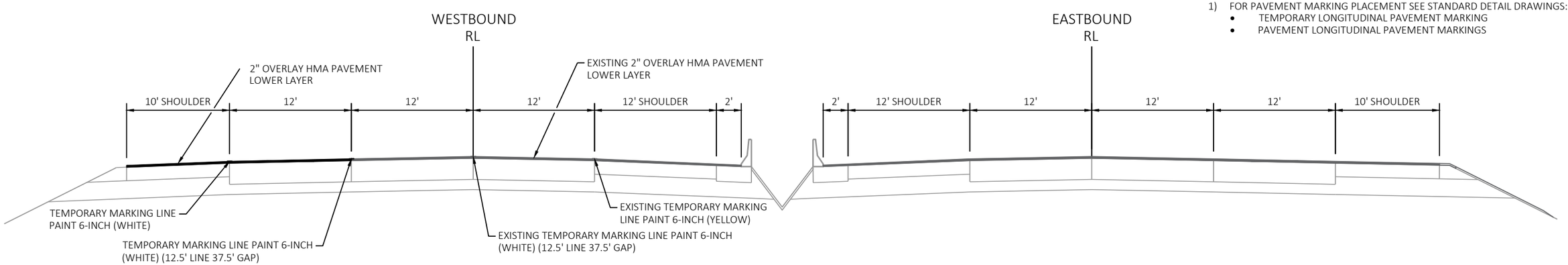


MARKING LINE SEQUENCE - 3

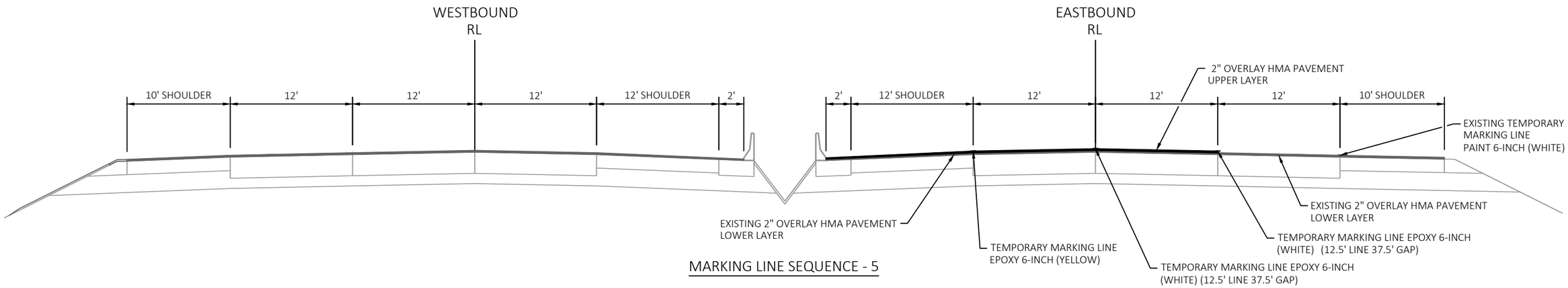
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CONSTRUCTION DETAILS - TEMPORARY PAVEMENT MARKING SEQUENCE	SHEET 24	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021004-CD(PAVEMENT MARKING STAGE TYPICALS).DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2025 4:57 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

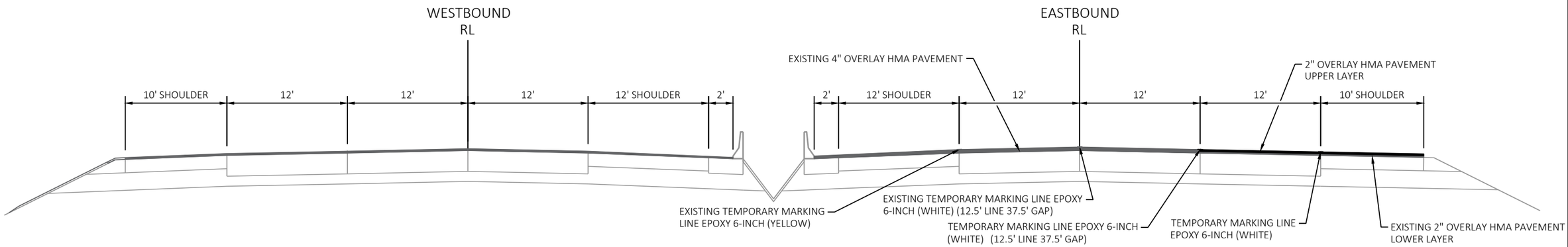
GENERAL NOTES:
1) FOR PAVEMENT MARKING PLACEMENT SEE STANDARD DETAIL DRAWINGS:
   - TEMPORARY LONGITUDINAL PAVEMENT MARKING
   - PAVEMENT LONGITUDINAL PAVEMENT MARKINGS



MARKING LINE SEQUENCE - 4



MARKING LINE SEQUENCE - 5



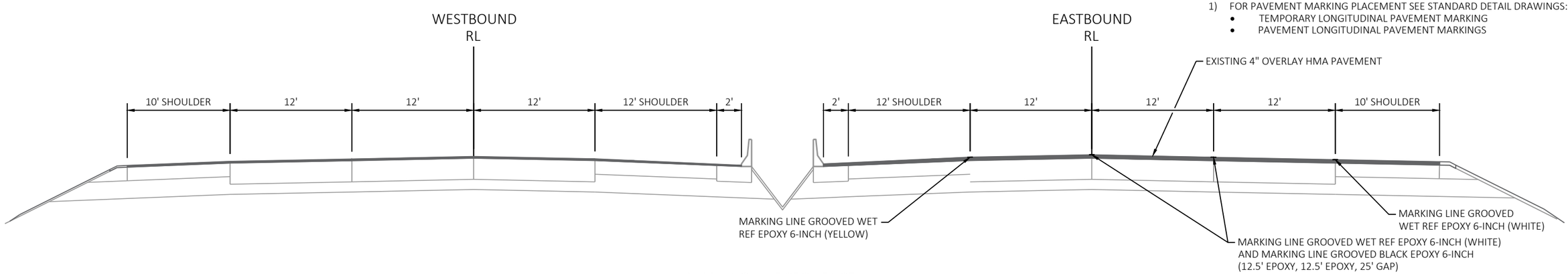
MARKING LINE SEQUENCE - 6

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CONSTRUCTION DETAIL - TEMPORARY PAVEMENT MARKING SEQUENCE	SHEET 25	E

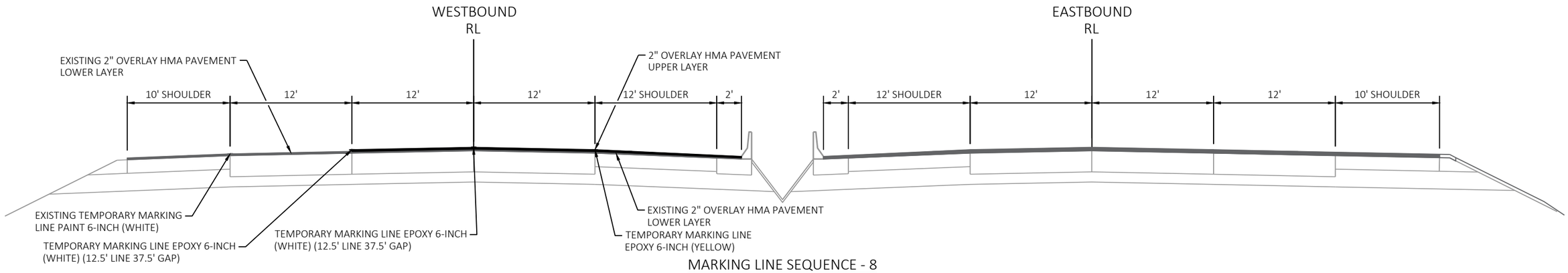
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021004-CD(PAVEMENT MARKING STAGE TYPICALS).DWG
LAYOUT NAME - 02
PLOT DATE : 7/30/2025 4:57 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

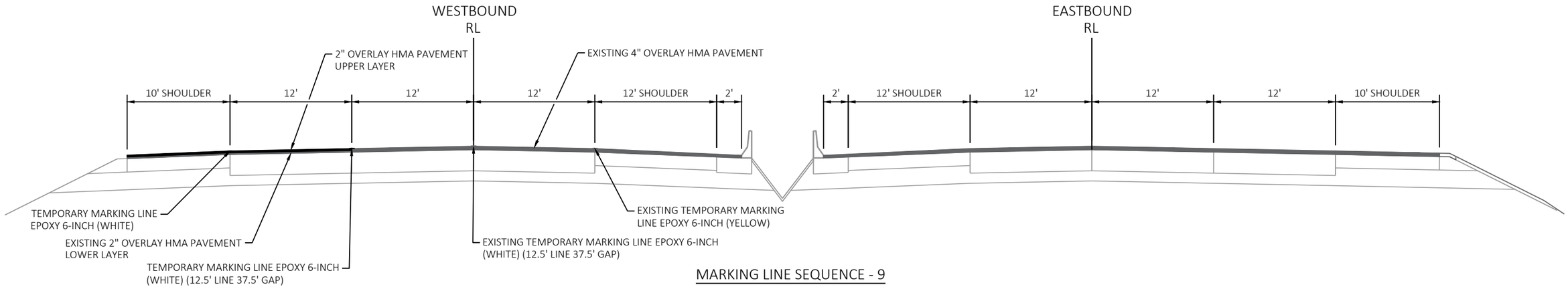
GENERAL NOTES:
1) FOR PAVEMENT MARKING PLACEMENT SEE STANDARD DETAIL DRAWINGS:
   - TEMPORARY LONGITUDINAL PAVEMENT MARKING
   - PAVEMENT LONGITUDINAL PAVEMENT MARKINGS



MARKING LINE SEQUENCE - 7



MARKING LINE SEQUENCE - 8



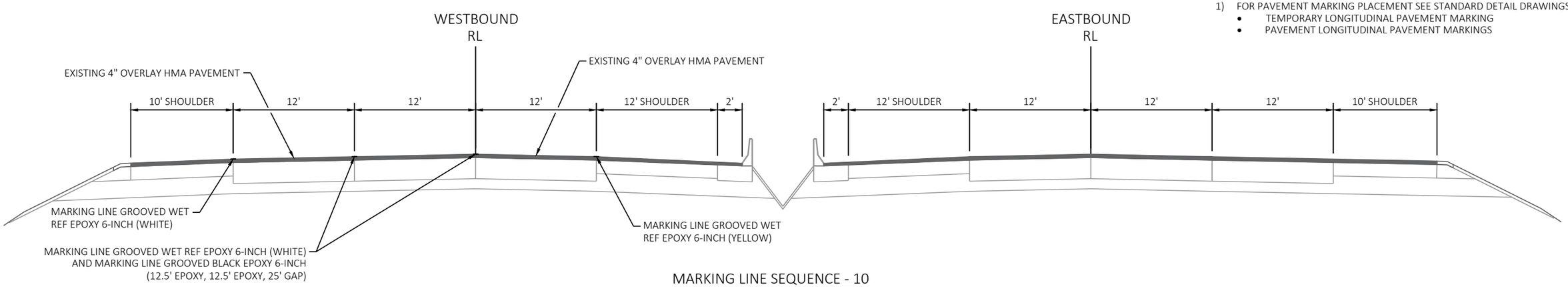
MARKING LINE SEQUENCE - 9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CONSTRUCTION DETAIL - TEMPORARY PAVEMENT MARKING SEQUENCE	SHEET 26	E

2

GENERAL NOTES:

1) FOR PAVEMENT MARKING PLACEMENT SEE STANDARD DETAIL DRAWINGS:
   - TEMPORARY LONGITUDINAL PAVEMENT MARKING
   - PAVEMENT LONGITUDINAL PAVEMENT MARKINGS



MARKING LINE SEQUENCE - 10

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CONSTRUCTION DETAIL - TEMPORARY PAVEMENT MARKING SEQUENCE	SHEET 27	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021004-CD(PAVEMENT MARKING STAGE TYPICALS).DWG
LAYOUT NAME - 04
PLOT DATE : 9/3/2025 8:47 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

BEGIN CONSTRUCTION
STA 405+70.44'WB'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

WETLAND BOUNDARY

SLOPE INTERCEPTS

406'WB' 408'WB' 410'WB' IH 39 NB/90/94,WB 412'WB' 414'WB' 416'WB' 418'WB' 420'WB'

406'EB' 408'EB' 410'EB' IH 39 SB/90/94,EB 412'EB' 414'EB' 416'EB' 418'EB' 420'EB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

BEGIN PROJECT
STA 405+70.46'EB'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

LEGEND

BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)

GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)

46' VEGETATION CLEAR ZONE

MATCH LINE 420+25

MATCH LINE 420+25

SLOPE INTERCEPTS

WETLAND BOUNDARY

422'WB' 424'WB' IH 39 NB/90/94,WB 426'WB' 428'WB' 430'WB' 432'WB' 434'WB'

422'EB' 424'EB' IH 39 SB/90/94,EB 426'EB' 428'EB' 430'EB' 432'EB' 434'EB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 435+50

2

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 28	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 01

PLOT DATE : 8/12/2025 11:02 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 435+50

ITS CONTROLLER CABINET.
EXISTING ITS LOOP DETECTORS INSTALLED IN BASE COURSE BELOW THE EXISTING CONCRETE PAVEMENT BETWEEN STA 439+50'WB' - STA 440+00'WB' AND STA 439+50'EB' - STA 440+00'EB'

WETLAND BOUNDARY

DO NOT DISTURB LOOP DETECTORS UNDER THE EXISTING PAVEMENT

SLOPE INTERCEPTS

GRUBBING LIMITS

436'WB' 438'WB' 440'WB' 442'WB' 444'WB' IH 39 NB/90/94,WB 446'WB' 448'WB' 450'WB'

436'EB' 438'EB' 440'EB' 442'EB' 444'EB' IH 39 SB/90/94,EB 446'EB' 448'EB' 450'EB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 450+75

2

LEGEND

- BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)
- GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)
- 46' VEGETATION CLEAR ZONE

MATCH LINE 450+75

GRUBBING LIMITS

SLOPE INTERCEPTS

452'WB' 454'WB' 456'WB' 458'WB' IH 39 NB/90/94,WB 460'WB' 462'WB' 464'WB' 466

452'EB' 454'EB' 456'EB' 458'EB' IH 39 SB/90/94,EB 460'EB' 462'EB' 464'EB' 466

WETLAND BOUNDARY

SLOPE INTERCEPTS

GRUBBING LIMITS

WETLAND BOUNDARY

MATCH LINE 466+00

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 29	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 02

PLOT DATE : 8/12/2025 11:03 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 466+00

WIBU RD

N

PC: 470+96.98 'WB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

PT: 480+23.78 'WB'

'WB' IH 39/90/94 468'WB' 470'WB' 472'WB' 474'WB' IH 39 NB/90/94 WB 476'WB' 478'WB' 480'WB'

INTERSTATE 39

'EB' IH 39/90/94 468'EB' 470'EB' 472'EB' 474'EB' IH 39 SB/90/94 EB 476'EB' 478'EB' 480'EB'

PC: 468+62.82 'EB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 481+25

2

LEGEND

BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)

GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)

46' VEGETATION CLEAR ZONE

MATCH LINE 481+25

STA BACK = 482+57.95 'WB'

STA AHEAD = 483+31.72 'WB'

N

CTH DM

EXISTING ITS LOOP DETECTORS INSTALLED IN BASE COURSE BELOW THE EXISTING CONCRETE PAVEMENT BETWEEN STA 494+50'WB' - STA 495+00'WB' AND STA 494+50'EB' - STA 495+00'EB'

SLOPE INTERCEPTS

WETLAND BOUNDARY

482'WB' 484'WB' IH 39/90/94 486'WB' 488'WB' IH 39 NB/90/94 WB 490'WB' 492'WB' 494'WB' 496'WB'

INTERSTATE 39

482'EB' 484'EB' 486'EB' 488'EB' IH 39 SB/90/94 EB 490'EB' 492 EB' 494'EB' 496'EB'

IH 39/90/94

STA BACK = 482+52.86 'EB'

STA AHEAD = 483+31.72 'EB'

PT: 483+31.72 'EB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

GRUBBING LIMITS

DO NOT DISTURB LOOP DETECTORS UNDER EXISTING PAVEMENT

MATCH LINE 497+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 30	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 03

PLOT DATE : 8/12/2025 11:04 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 497+25

SLOPE INTERCEPTS

WETLAND BOUNDARY

498'WB' 500'WB' IH 39/90/94 502'WB' 504'WB' IH 39 NB/90/94 WB 506'WB' 508'WB' 510'WB' 512'WB'

INTERSTATE 39

498'EB' 500'EB' 502'EB' 504'EB' IH 39 SB/90/94 EB 506'EB' 508'EB' 510'EB' 512'EB'

IH 39/90/94

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 512+50

2

LEGEND

BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)

GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)

46' VEGETATION CLEAR ZONE

MATCH LINE 512+50

WETLAND BOUNDARY

SLOPE INTERCEPTS

514'WB' IH 39/90/94 516'WB' 518'WB' 520'WB' IH 39 NB/90/94 WB 522'WB' 524'WB' 526'WB'

INTERSTATE 39

514'EB' 516'EB' 518'EB' 520'EB' IH 39 SB/90/94 EB 522'EB' 524'EB' 526'EB'

IH 39/90/94

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 527+75

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 31	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 04

PLOT DATE : 8/12/2025 11:05 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 527+75

SLOPE INTERCEPTS

WETLAND BOUNDARY

528'WB' 530'WB' 532'WB' IH 39 NB/90/94 WB 534'WB' 536'WB' 538'WB' 540'WB' 542'WB'

528'EB' 530'EB' 532'EB' IH 39 SB/90/94 EB 534'EB' 536 EB 538'EB' 540'EB' 542'EB'

IH 39/90/94

SLOPE INTERCEPTS

GRUBBING LIMITS

WETLAND BOUNDARY

MATCH LINE 543+00

2

LEGEND

BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)

GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)

46' VEGETATION CLEAR ZONE

DO NOT DISTURB LOOP DETECTORS UNDER EXISTING PAVEMENT

ITS CONTROLLER CABINET. EXISTING ITS LOOP DETECTORS INSTALLED IN BASE COURSE BELOW THE EXISTING CONCRETE PAVEMENT BETWEEN STA 545+00'WB' - STA 545+50'WB' AND STA 545+00'EB' - STA 545+50'EB'

MATCH LINE 543+00

SLOPE INTERCEPTS

544'WB' 546'WB' 548'WB' IH 39 NB/90/94 WB 550'WB' 552'WB' 554'WB' 556'WB' 558'WB'

544'EB' 546'EB' 548'EB' IH 39 SB/90/94,EB 550'EB' 552'EB' 554'EB' 556'EB' 558'EB'

IH 39/90/94

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 558+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 32	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 05

PLOT DATE : 8/12/2025 11:06 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 558+25

GRUBBING LIMITS

SLOPE INTERCEPTS

WETLAND BOUNDARY

IH 39/90/94

560'WB' 562'WB' 564'WB' 566'WB' IH 39 NB/90/94 WB 568'WB' 570'WB' 572'WB'

560'EB' 562'EB' 564'EB' IH 39 SB/90/94,EB 566'EB' 568'EB' 570'EB' 572'EB'

IH 39/90/94

SLOPE INTERCEPTS

WETLAND BOUNDARY

PC: 572+72.06 'EB'

MATCH LINE 573+49.01

CTH I

RIPRAP

LEGEND

BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)

GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)

46' VEGETATION CLEAR ZONE

WETLAND BOUNDARY

PC: 575+31.72 'WB'

BP: -0+00.00 'W'

MATCH LINE 573+49.01

IH 39/90/94

574'WB' 576'WB' 578'WB' 580'WB' 582'WB' IH 39 NB/90/94 WB 584'WB' 586'WB' 588'WB'

574'EB' 576'EB' 578'EB' 580'EB' 582'EB' IH 39 SB/90/94 EB 584'EB' 586'EB' 588'EB'

2'W' 4'W' 6'W' 8'W' 10'W'

SLOPE INTERCEPTS

PT: 6+91.34 'W'

PT: 585+44.26 'WB'

STA BACK = 588+02.89'WB'

STA AHEAD = 587+96.05 'WB'

SLOPE INTERCEPTS

WETLAND BOUNDARY

BP: -0+00.00 'X'

2'X' 4'X'

PT: 587+96.05 'EB'

STA BACK = 587+90.94'EB'

STA AHEAD = 587+96.05 'EB'

PT: 4+47.70 'X'

MATCH LINE 588+80.67

END RAMP CONSTRUCTION
STA 4+71.94'X'
REMOVING ASPHALTIC SURFACE BUTT JOINTS
REMOVING CONCRETE PAVEMENT BUTT JOINTS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 33	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 06

PLOT DATE : 8/12/2025 11:07 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 588+80.67

PC: 10+79.26 'W'

12'W'

14'W'

16'W'

END RAMP CONSTRUCTION
STA 12+72.78'W'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS
REMOVING CONCRETE
PAVEMENT BUTT JOINTS

DO NOT DISTURB LOOP
DETECTORS UNDER THE
EXISTING PAVEMENT

ITS CONTROLLER CABINET.
EXISTING ITS LOOP DETECTORS INSTALLED IN BASE
COURSE BELOW THE EXISTING CONCRETE PAVEMENT
BETWEEN STA 595+00'WB' - STA 595+50'WB'

SLOPE INTERCEPTS

WETLAND BOUNDARY

590'WB' 592'WB' 594'WB' 596'WB' 598'WB' 600'WB' 602'WB' 604'W

IH 39/90/94

IH 39 NB/90/94 WB

IH 39 SB/90/94 EB

590'EB' 592'EB' 594'EB' 596'EB' 598'EB' 600'EB' 602'EB' 604'

IH 39/90/94

6'X'

8'X'

PC: 5+84.99 'X'

PI: 7+78.07 'X'

EP: 8+74.86 'X'

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 604+04.27

LEGEND

BASE PATCHING CONCRETE SHES (APPROXIMATE LOCATION)

GRUBBING LIMITS (TO BE VERIFIED AND ADJUSTED IN THE FIELD BY THE ENGINEER)

46' VEGETATION CLEAR ZONE

END RAMP CONSTRUCTION
STA 4+68.83'Y'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS
REMOVING CONCRETE
PAVEMENT BUTT JOINTS

SLOPE INTERCEPTS

WETLAND BOUNDARY

EP: 9+34.30 'Y'

GRUBBING LIMITS

2'Y'

4'Y'

6'Y'

8'Y'

WETLAND BOUNDARY

MATCH LINE 604+04.27

606'WB' 608'WB' 610'WB' 612'WB' 614'WB' 616'WB' 618'WB'

IH 39/90/94

IH 39 NB/90/94 WB

IH 39 SB/90/94 EB

606'EB' 608'EB' 610'EB' 612'EB' 614'EB' 616'EB' 618'EB'

IH 39/90/94

DO NOT DISTURB LOOP
DETECTORS UNDER THE
EXISTING PAVEMENT

EXISTING ITS LOOP DETECTORS INSTALLED IN BASE
COURSE BELOW THE EXISTING CONCRETE PAVEMENT
BETWEEN STA 606+00'EB' - STA 606+50'EB'

WETLAND BOUNDARY

2'Z'

4'Z'

6'Z'

8'Z'

10'Z'

WETLAND BOUNDARY

SLOPE INTERCEPTS

END RAMP CONSTRUCTION
STA 2+73.10'Z'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS
REMOVING CONCRETE
PAVEMENT BUTT JOINTS

PT: 4+74.41 'Z'

EP: 4+00.00 'Z'

PC: 0+57.37 'Z'

MATCH LINE 619+25

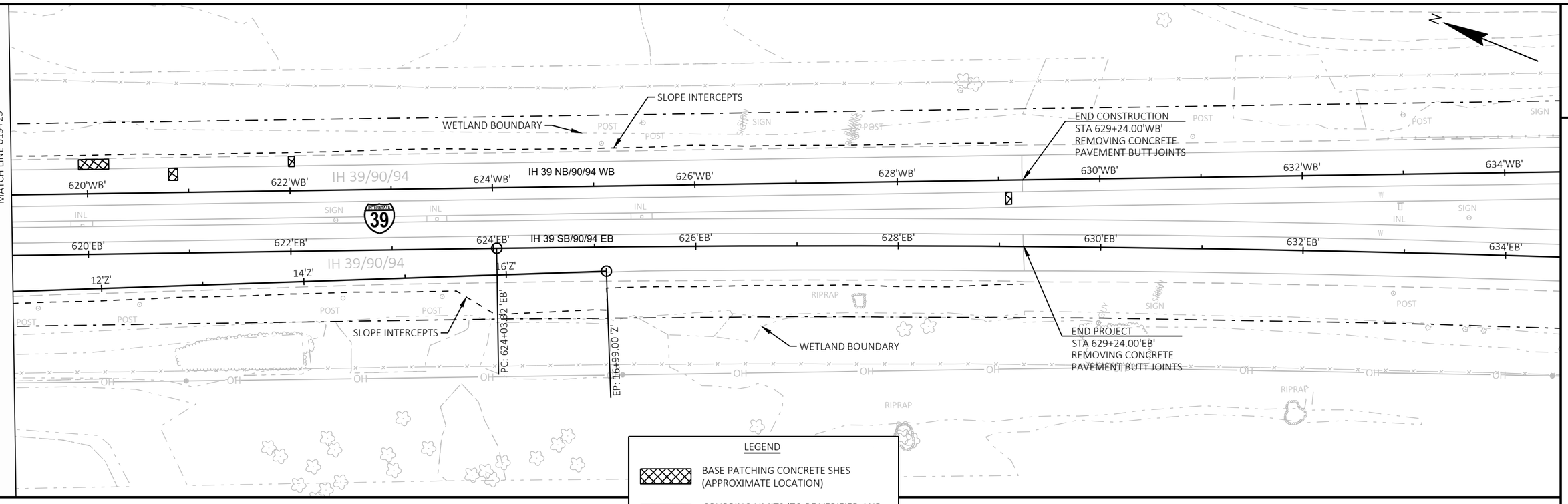
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 34	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 07

PLOT DATE : 8/12/2025 11:14 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



2

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	REMOVAL DETAILS	SHEET 35	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 08
PLOT DATE : 8/12/2025 11:15 AM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

BEGIN CONSTRUCTION
STA 405+70.44'WB'
X= 812,079.02
Y= 563,026.07
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

CULVERT 110309054591 TO REMAIN

ADJUSTING INLET COVERS

ATC MANAGEMENT INC (ELECTRIC)

AT&T LEGACY (TELEPHONE)

WETLAND BOUNDARY

SLOPE INTERCEPTS

CULVERT 13039055932 TO REMAIN

IH 39 NB/90/94 WB

406'WB' 408'WB' 410'WB' 412'WB' 414'WB' 416'WB' 418'WB' 420'WB'

406'EB' 408'EB' 410'EB' 412'EB' 414'EB' 416'EB' 418'EB' 420'EB'

IH 39 SB/90/94 EB

SEE CONSTRUCTION
DETAIL - CRASH CUSHION

CULVERT 11309078585 TO REMAIN

WETLAND BOUNDARY

SLOPE INTERCEPTS

CULVERT 13039078586 TO REMAIN

BEGIN PROJECT
STA 405+70.46'EB'
X= 812,031.62
Y= 562,989.28
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

20_692

20_691

MATCH LINE 420+25

AT&T LEGACY (TELEPHONE)

ATC MANAGEMENT INC (ELECTRIC)

CULVERT 13039055931 TO REMAIN

SLOPE INTERCEPTS

WETLAND BOUNDARY

IH 39 NB/90/94 WB

422'WB' 424'WB' 426'WB' 428'WB' 430'WB' 432'WB' 434'WB'

S37°49'14"E
8001.39'

422'EB' 424'EB' 426'EB' 428'EB' S37°49'14"E 430'EB' 432'EB' 434'EB'

7767.23'

IH 39 SB/90/94 EB

WETLAND BOUNDARY

CULVERT 13042078587 TO REMAIN

SLOPE INTERCEPTS

CULVERT 13039056033 TO REMAIN

20_690

20_689

MATCH LINE 435+50

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 36	E

2

MATCH LINE 435+50

AT&T LEGACY (TELEPHONE)

ITS CONTROLLER CABINET.
EXISTING ITS LOOP DETECTORS INSTALLED IN BASE COURSE BELOW THE EXISTING CONCRETE PAVEMENT BETWEEN STA 439+50'WB' - STA 440+00'WB' AND STA 439+50'EB' - STA 440+00'EB'

ATC MANAGEMENT INC (ELECTRIC)

WETLAND BOUNDARY

DO NOT DISTURB LOOP DETECTORS UNDER THE EXISTING PAVEMENT

SLOPE INTERCEPTS

ATC MANAGEMENT INC (ELECTRIC)

CULVERT 13039055930 TO REMAIN

ATC MANAGEMENT INC (ELECTRIC)

IH 39 NB/90/94 WB

436'WB' 438'WB' 440'WB' 442'WB' 444'WB' 446'WB' 448'WB' 450'WB'

IH 39 SB/90/94 EB

436'EB' 438'EB' 440'EB' 442'EB' 444'EB' 446'EB' 448'EB' 450'EB'

CAUTION

WETLAND BOUNDARY

SLOPE INTERCEPTS

CULVERT 13039056034 TO REMAIN

CULVERT 13039078588 TO REMAIN

CULVERT 13039056035 TO REMAIN

RIPRAP

20_688

20_687

MATCH LINE 450+75

2

LEGEND

LOOP DETECTION

MATCH LINE 450+75

AT&T LEGACY (TELEPHONE)

SLOPE INTERCEPTS

IH 39 NB/90/94 WB

452'WB' 454'WB' 456'WB' 458'WB' 460'WB' 462'WB' 464'WB' 466

CAUTION

IH 39 SB/90/94 EB

452'EB' 454'EB' 456'EB' 458'EB' 460'EB' 462'EB' 464'EB' 466

WETLAND BOUNDARY

CULVERT 13039056036 TO REMAIN

SLOPE INTERCEPTS

ATC MANAGEMENT INC (ELECTRIC)

CULVERT 13039078576 TO REMAIN

CULVERT 13039078577 TO REMAIN

WETLAND BOUNDARY

20_688

20_688

MATCH LINE 466+00

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 37	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 02

PLOT DATE : 3/14/2025 10:06 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 466+00

AT&T LEGACY (TELEPHONE)

CULVERT 13039056030 TO REMAIN

PC: 470+96.98 'WB'

WETLAND BOUNDARY

PI STA = 475+60.63 'WB'
DELTA = 4°38'02" RT
D = 0°30'00"
T = 463.65'
L = 926.80'
R = 11459.16'
PC STA = 470+96.98 'WB'
PT STA = 480+23.78 'WB'

SLOPE INTERCEPTS

CULVERT 13039055929 TO REMAIN

PT: 480+23.78 'WB'

N

IH 39 NB/90/94 WB

WB' 468'WB' 470'WB' 472'WB' 474'WB' 476'WB' 478'WB' 480'WB'

INTERSTATE 39

EB' 468'EB' 470'EB' 472'EB' 474'EB' 476'EB' 478'EB' 480'EB'

IH 39 SB/90/94 EB

PC: 468+62.82 'EB'

WETLAND BOUNDARY

CULVERT 13039078578 TO REMAIN

SLOPE INTERCEPTS

CULVERT 13039056307 TO REMAIN

PI STA = 475+58.22 'EB'
DELTA = 4°38'01" RT
D = 0°20'00"
T = 695.40'
L = 1390.05'
R = 17188.73'
PC STA = 468+62.82 'EB'
PT STA = 483+31.72 'EB'

CULVERT 13039078580 TO REMAIN

CULVERT 13039078579 TO REMAIN

T 9 N 3 2 10 11 R 9 E

AVOID DISTURBANCE OF SECTION CORNER MONUMENT
(ADJUST SLOPE INTERCEPTS AS NEEDED)

MATCH LINE 481+25

2

LEGEND

LOOP DETECTION

MATCH LINE 481+25

STA BACK = 482+57.95 'WB'

STA AHEAD = 483+31.72 'WB'

AT&T LEGACY (TELEPHONE)

B-13-648

CULVERT 13039055928 TO REMAIN

EXISTING ITS LOOP DETECTORS INSTALLED IN BASE COURSE BELOW THE EXISTING CONCRETE PAVEMENT BETWEEN STA 494+50'WB' - STA 495+00'WB' AND STA 494+50'EB' - STA 495+00'EB'

SLOPE INTERCEPTS

WETLAND BOUNDARY

IH 39 NB/90/94 WB

482'WB' 484'WB' 486'WB' 488'WB' 490'WB' 492'WB' 494'WB' 496'WB'

INTERSTATE 39

482'EB' 484'EB' 486'EB' 488'EB' 490'EB' 492'EB' 494'EB' 496'EB'

IH 39 SB/90/94 EB

CAUTION

STA BACK = 482+52.86 'EB'

STA AHEAD = 483+31.72 'EB'

PT: 483+31.72 'EB'

WETLAND BOUNDARY

CULVERT 13039056038 TO REMAIN

SLOPE INTERCEPTS

CAUTION

CULVERT 13039078582 TO REMAIN

DO NOT DISTURB LOOP DETECTORS UNDER EXISTING PAVEMENT

SPECTRUM (COMMUNICATION)

MADISON GAS AND ELECTRIC
(GAS/PETROLEUM)

MATCH LINE 497+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 38	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 03

PLOT DATE : 4/15/2025 1:42 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 497+25

AT&T LEGACY (TELEPHONE)

CULVERT 13039055927 TO REMAIN

SLOPE INTERCEPTS

CULVERT 13039055926 TO REMAIN

WETLAND BOUNDARY

498'WB' 500'WB' 502'WB' 504'WB' 506'WB' 508'WB' 510'WB' 512'WB'

IH 39 NB/90/94 WB

INTERSTATE 39

498'EB' 500'EB' 502'EB' 504'EB' 506'EB' 508'EB' 510'EB' 512'EB'

IH 39 SB/90/94 EB

SLOPE INTERCEPTS

WETLAND BOUNDARY

CULVERT 13039078581 TO REMAIN

19_712

19_713

20_680

20_679

MATCH LINE 512+50

20_678

WETLAND BOUNDARY

CULVERT 13039056029 TO REMAIN

SLOPE INTERCEPTS

AT&T LEGACY (TELEPHONE)

514'WB' 516'WB' 518'WB' 520'WB' S33°11'12"E 522'WB' 524'WB' 526'WB'

9434.17'

IH 39 NB/90/94 WB

INTERSTATE 39

514'EB' 516'EB' 518'EB' S33°11'13"E 520'EB' 522'EB' 524'EB' 526'EB'

8940.34'

IH 39 SB/90/94 EB

ADJUSTING INLET COVERS

ADJUSTING INLET COVERS

ADJUSTING INLET COVERS

ADJUSTING INLET COVERS

CULVERT 13039078583 TO REMAIN

SLOPE INTERCEPTS

CULVERT 13039056039 TO REMAIN

WETLAND BOUNDARY

CULVERT 13039078589 TO REMAIN

MATCH LINE 527+75

2

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 39	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 04

PLOT DATE : 3/14/2025 10:08 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 527+75

AT&T LEGACY (TELEPHONE)

CULVERT 13039055924 TO REMAIN

CULVERT 13039055925 TO REMAIN

SLOPE INTERCEPTS

WETLAND BOUNDARY

IH 39 NB/90/94 WB

528'WB' 530'WB' 532'WB' 534'WB' 536'WB' 538'WB' 540'WB' 542'WB'

INTERSTATE 39

528'EB' 530'EB' 532'EB' 534'EB' 536'EB' 538'EB' 540'EB' 542'EB'

IH 39 SB/90/94 EB

ADJUSTING INLET COVERS

CULVERT 13039078590 TO REMAIN

SLOPE INTERCEPTS

ADJUSTING INLET COVERS

CULVERT 13039078591 TO REMAIN

ADJUSTING INLET COVERS

WETLAND BOUNDARY

LEGEND

LOOP DETECTION

DO NOT DISTURB LOOP DETECTORS UNDER EXISTING PAVEMENT

AT&T LEGACY (TELEPHONE)

ITS CONTROLLER CABINET.
EXISTING ITS LOOP DETECTORS INSTALLED IN BASE COURSE BELOW THE EXISTING CONCRETE PAVEMENT BETWEEN STA 545+00'WB' - STA 545+50'WB' AND STA 545+00'EB' - STA 545+50'EB'

SLOPE INTERCEPTS

ADJUSTING INLET COVERS

CULVERT 13039056028 TO REMAIN

IH 39 NB/90/94 WB

544'WB' 546'WB' 548'WB' 550'WB' 552'WB' 554'WB' 556'WB' 558'WB'

INTERSTATE 39

544'EB' 546'EB' 548'EB' 550'EB' 552'EB' 554'EB' 556'EB' 558'EB'

IH 39 SB/90/94 EB

WETLAND BOUNDARY

SLOPE INTERCEPTS

MGS GUARDRAIL TERMINAL EAT

SEE CONSTRUCTION DETAIL - GUARDRAIL

450' MGS GUARDRAIL 3

MATCH LINE 543+00

MATCH LINE 558+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 40	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 05

PLOT DATE : 3/14/2025 10:08 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 558+25

CULVERT 13039056027 TO REMAIN

CULVERT 13039056026 TO REMAIN

SEE CONSTRUCTION DETAIL - CRASH CUSHION

SLOPE INTERCEPTS

CULVERT 13039056025 TO REMAIN

WETLAND BOUNDARY

ALLIANT ENERGY (ELECTRIC)

AT&T LEGACY (TELEPHONE)

T 9 N
R 14 13 E
9

560'WB' 562'WB' 564'WB' 566'WB' 568'WB' 570'WB' 572'WB'

IH 39 NB/90/94 WB

INTERSTATE 39

560'EB' 562'EB' 564'EB' 566'EB' 568'EB' 570'EB' 572'EB'

IH 39 SB/90/94 EB

ADJUSTING INLET COVERS

SLOPE INTERCEPTS

WETLAND BOUNDARY

ADJUSTING INLET COVERS

CULVERT 13039078593 TO REMAIN

ADJUSTING INLET COVERS

MGS GUARDRAIL TERMINAL TYPE 2

PC: 572+72.06 'EB'

B-13-639

ATC MANAGEMENT INC (ELECTRIC)

MATCH LINE 573+50

2

WETLAND BOUNDARY

CULVERT 13039056024 TO REMAIN

PC: 575+31.72 'WB'

ADJUSTING INLET COVERS

BP: 0+00.00 'W'

PI STA = 580+39.31 'WB'
DELTA = 10°07'32" RT
D = 1°00'00"
T = 507.59'
L = 1012.54'
R = 5729.58'
PC STA = 575+31.72 'WB'
PT STA = 585+44.26 'WB'

SLOPE INTERCEPTS

PT: 6+91.34 'W'

CULVERT 13039056023 TO REMAIN

AT&T LEGACY (TELEPHONE)

PT: 585+44.26 'WB'

ADJUSTING INLET COVERS

STA BACK = 588+02.89'WB'
STA AHEAD = 587+96.05 'WB'

574'WB' 576'WB' 578'WB' 580'WB' 582'WB' 584'WB' 586'WB' 588'WB'

IH 39 NB/90/94 WB

INTERSTATE 39

574'EB' 576'EB' 578'EB' 580'EB' 582'EB' 584'EB' 586'EB' 588'EB'

IH 39 SB/90/94 EB

CAUTION

ALLIANT ENERGY (ELECTRIC)

ATC MANAGEMENT INC (ELECTRIC)

CULVERT 13039078592 TO REMAIN

CULVERT 13039078596 TO REMAIN

PI STA = 580+33.48 'EB'
DELTA = 10°07'33" RT
D = 0°40'00"
T = 761.43'
L = 1518.88'
R = 8594.37'
PC STA = 572+72.06 'EB'
PT STA = 587+96.05 'EB'

SLOPE INTERCEPTS

BP: 0+00.00 'X'

WETLAND BOUNDARY

VILLAGE OF DEFOREST (WATER)

2'X'

4'X'

PT: 587+96.05 'EB'

STA BACK = 587+90.94'EB'
STA AHEAD = 587+96.05'EB'

PT: 4+47.70 'X'

MATCH LINE 588+75

END RAMP CONSTRUCTION
STA 4+71.94'X'
REMOVING ASPHALTIC SURFACE BUTT JOINTS
REMOVING CONCRETE PAVEMENT BUTT JOINTS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 41	E

2

MATCH LINE 588+75

AT&T LEGACY (TELEPHONE)

PC: 10+79.26 'W'

END RAMP CONSTRUCTION
STA 12+72.78'W'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS
REMOVING CONCRETE
PAVEMENT BUTT JOINTS

16'W'

14'W'

12'W'

DO NOT DISTURB LOOP
DETECTORS UNDER THE
EXISTING PAVEMENT

ITS CONTROLLER CABINET.
EXISTING ITS LOOP DETECTORS INSTALLED IN BASE
COURSE BELOW THE EXISTING CONCRETE PAVEMENT
BETWEEN STA 595+00'WB' - STA 595+50'WB'

MADISON GAS AND ELECTRIC
(GAS/PETROLEUM)

TDS METROCOM LLC
(COMMUNICATION)

BRIGHTSPEED OF WESTERN
WISCONSIN, LLC
(COMMUNICATION)

SLOPE INTERCEPTS

WETLAND BOUNDARY

ADJUSTING INLET COVERS

CULVERT 13039056022 TO REMAIN

ALLIANT ENERGY (ELECTRIC)

ADJUSTING INLET COVERS

IH 39 NB/90/94 WB

590'WB 592'WB 594'WB 596'WB 598'WB 600'WB 602'WB 604

CAUTION

CAUTION

CAUTION

590'EB 592'EB 594'EB 596'EB 598'EB 600'EB 602'EB 604

IH 39 SB/90/94 EB

CULVERT 13039078594 TO REMAIN

WETLAND BOUNDARY

SLOPE INTERCEPTS

ADJUSTING INLET COVERS

CULVERT 13039078609 TO REMAIN

B-13-517

SPECTRUM (COMMUNICATION)

CULVERT 13039078595 TO REMAIN

CULVERT 13039078522 TO REMAIN

6'X'

8'X'

ATC MANAGEMENT INC
(ELECTRIC)

PC: 5+84.99 'X'

PI: 7+78.07 'X'

EP: 8+74.86 'X'

LEGEND

LOOP DETECTION

PC:

PI:

END RAMP CONSTRUCTION
STA 4+68.83'Y'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS
REMOVING CONCRETE
PAVEMENT BUTT JOINTS

AT&T LEGACY (TELEPHONE)

EP: 9+34.30 'Y'

2'Y'

4'Y'

6'Y'

8'Y'

WETLAND BOUNDARY

CULVERT 13038055923 TO REMAIN

CULVERT 13039055922 TO REMAIN

SLOPE INTERCEPTS

TOWN OF VIENNA (SEWER)
VILLAGE OF DEFOREST (SEWER)

CULVERT 13039056021 TO REMAIN

WETLAND BOUNDARY

MATCH LINE 604+00

606'WB 608'WB 610'WB 612'WB 614'WB 616'WB 618'WB

IH 39 NB/90/94 WB

S23°03'40"E
5663.09'

606'EB S23°03'40"E 608'EB 610'EB 612'EB 614'EB 616'EB 618'EB

3607.27'

IH 39 SB/90/94 EB

CAUTION

DO NOT DISTURB LOOP
DETECTORS UNDER THE
EXISTING PAVEMENT

EXISTING ITS LOOP DETECTORS INSTALLED IN BASE
COURSE BELOW THE EXISTING CONCRETE PAVEMENT
BETWEEN STA 606+00'EB' - STA 606+50'EB'

WETLAND BOUNDARY

2'Z'

4'Z'

6'Z'

8'Z'

10'Z'

SLOPE INTERCEPTS

WETLAND BOUNDARY

VILLAGE OF DEFOREST (WATER)

END RAMP CONSTRUCTION
STA 2+73.10'Z'
REMOVING ASPHALTIC
SURFACE BUTT JOINTS
REMOVING CONCRETE
PAVEMENT BUTT JOINTS

PT: 4+74.41'Z'

ATC MANAGEMENT INC (ELECTRIC)

PC: 0+00.00'Z'

PC: 0+51.33'Z'

MATCH LINE 619+25

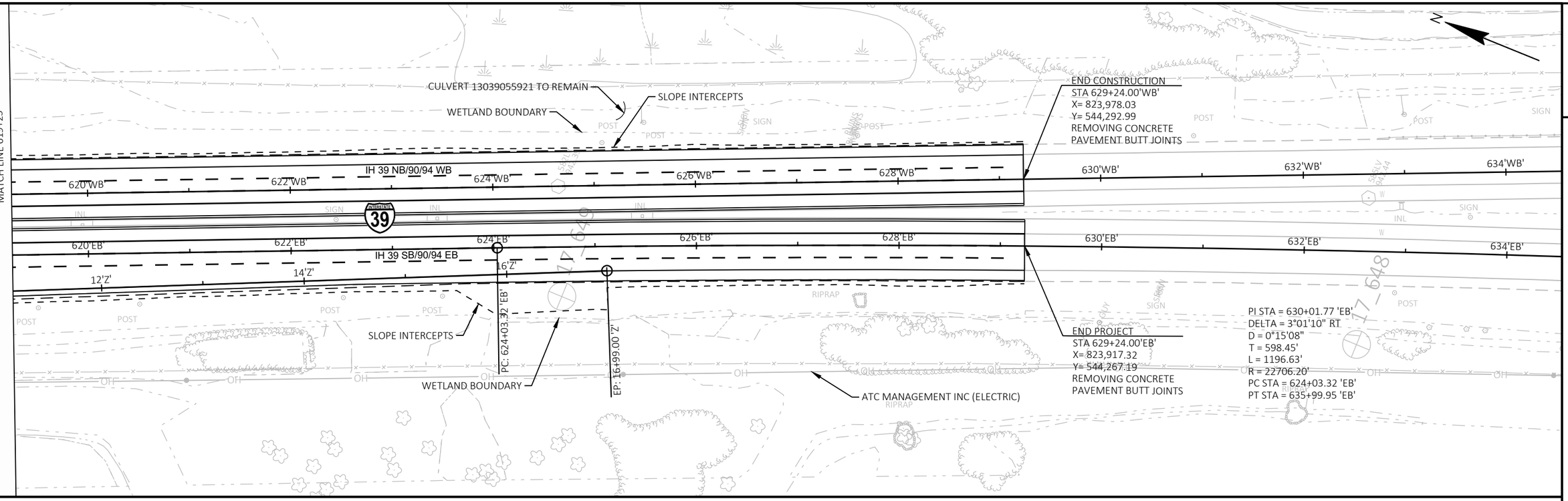
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 42	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 07

PLOT DATE : 3/14/2025 10:10 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PLAN DETAILS	SHEET 43 E

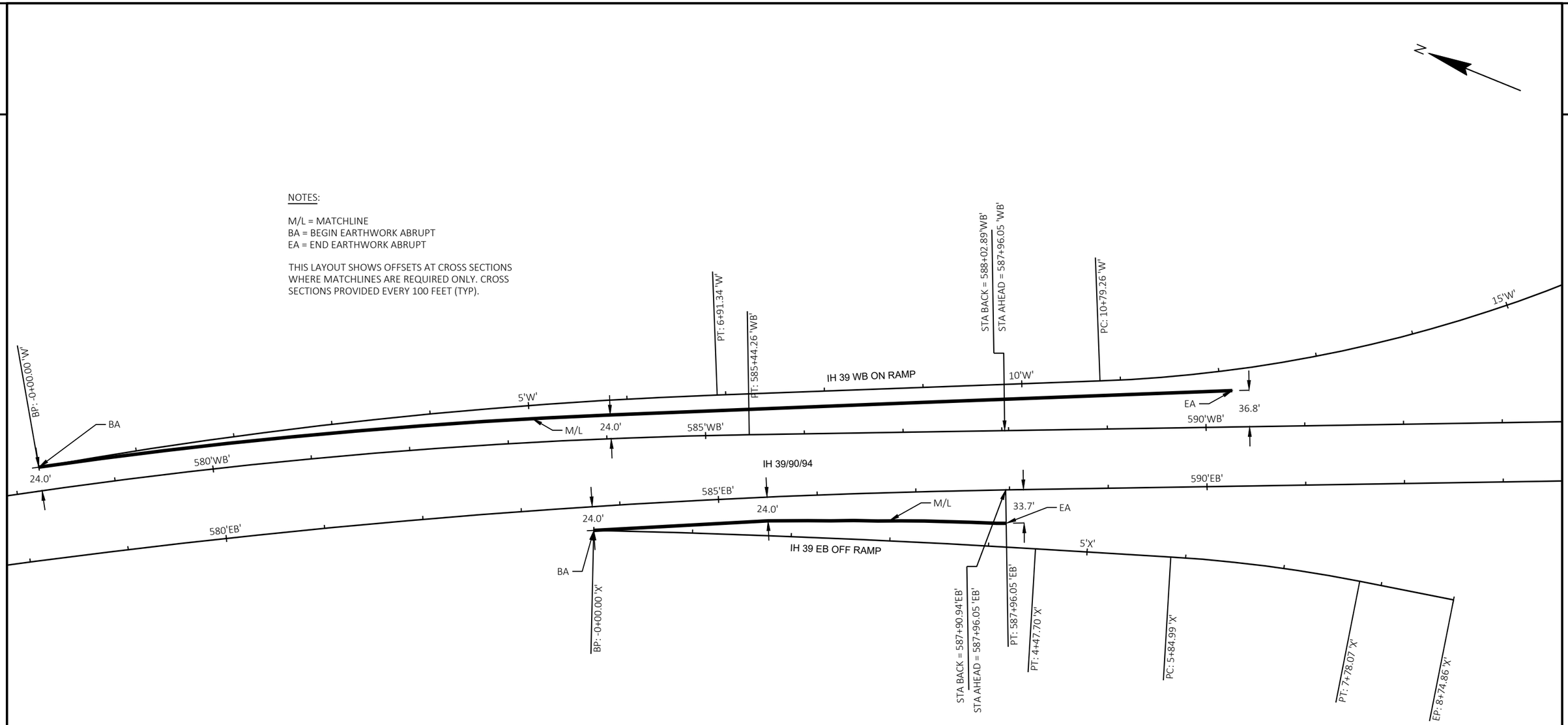
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 08
PLOT DATE : 3/14/2025 10:11 AM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS PROVIDED EVERY 100 FEET (TYP).



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EARTHWORK MATCHLINES	SHEET 44	E

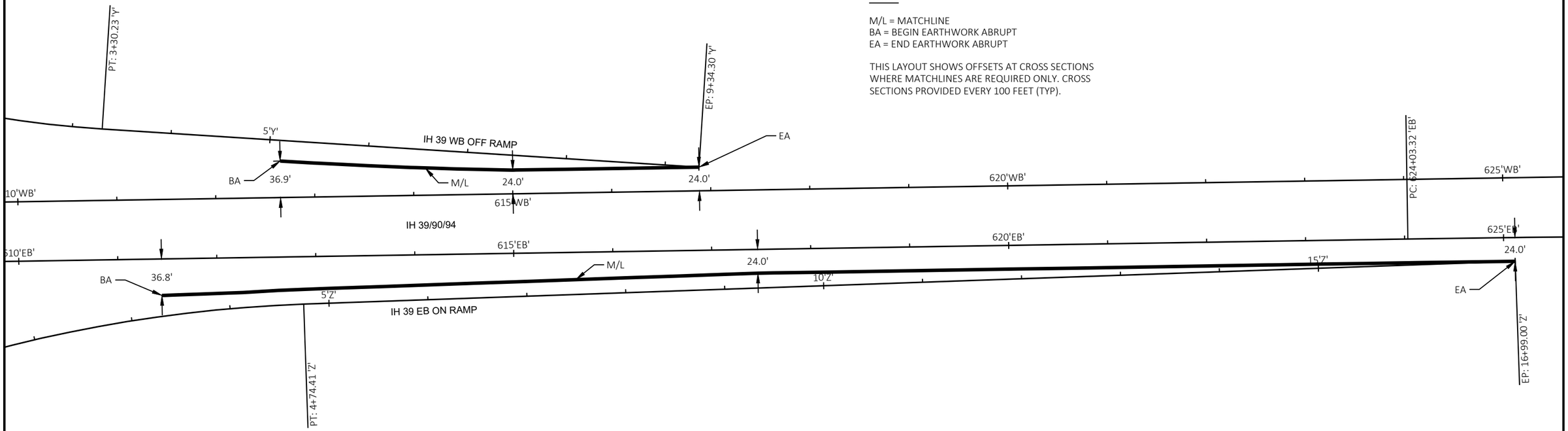
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\021801-EM.DWG
LAYOUT NAME - 01
PLOT DATE : 8/12/2025 11:30 AM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

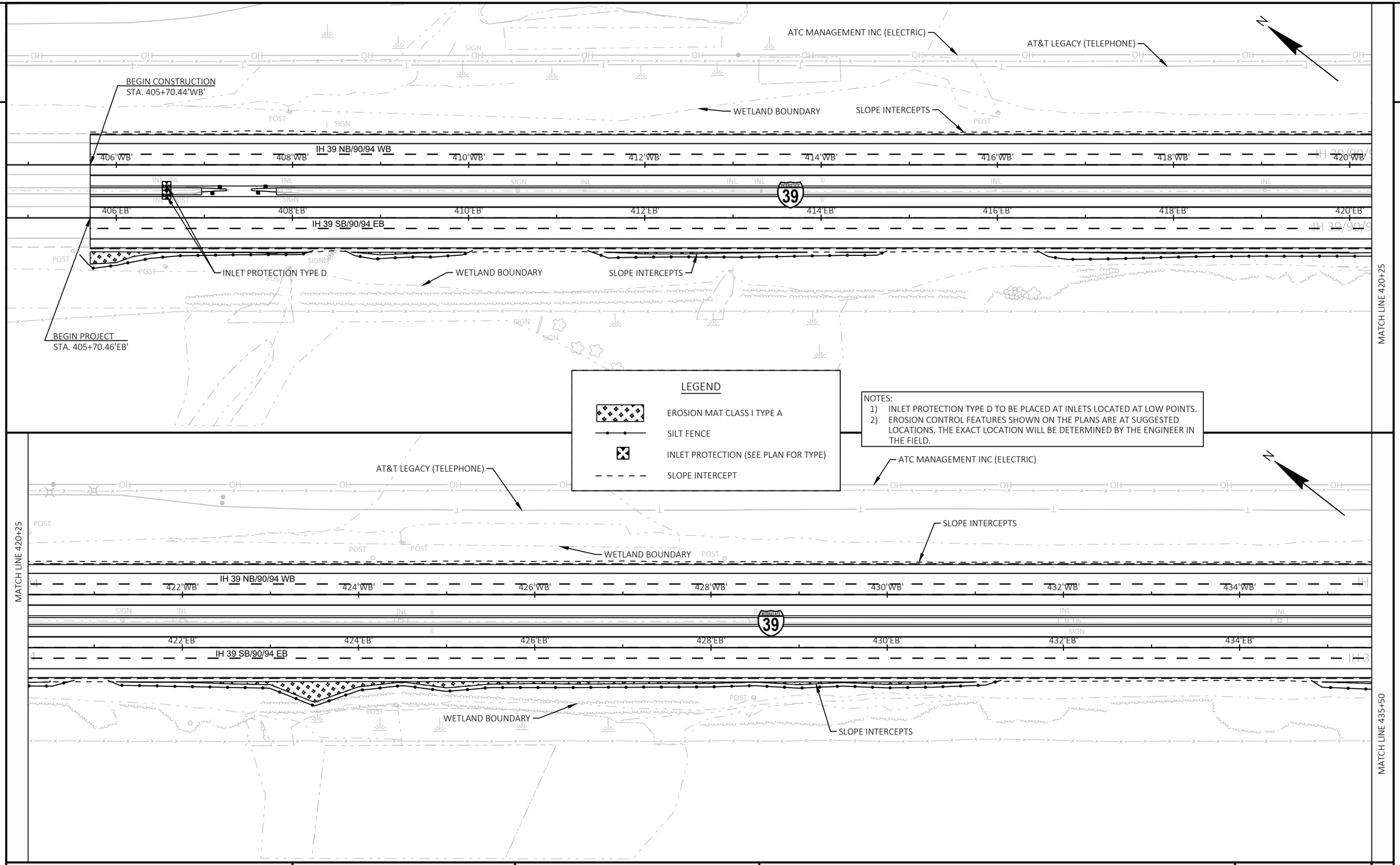
NOTES:

M/L = MATCHLINE
BA = BEGIN EARTHWORK ABRUPT
EA = END EARTHWORK ABRUPT

THIS LAYOUT SHOWS OFFSETS AT CROSS SECTIONS WHERE MATCHLINES ARE REQUIRED ONLY. CROSS SECTIONS PROVIDED EVERY 100 FEET (TYP).



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EARTHWORK MATCHLINES	SHEET 45	E



LEGEND

- EROSION MAT CLASS I TYPE A
- SILT FENCE
- INLET PROTECTION (SEE PLAN FOR TYPE)
- SLOPE INTERCEPT

NOTES:
1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 46	E

2

MATCH LINE 435+50

AT&T LEGACY (TELEPHONE)

ATC MANAGEMENT INC (ELECTRIC)

ATC MANAGEMENT INC (ELECTRIC)

WETLAND BOUNDARY

SLOPE INTERCEPTS

ATC MANAGEMENT INC (ELECTRIC)

IH 39 NB/90/94 WB

436'WB' 438'WB' 440'WB' 442'WB' 444'WB' 446'WB' 448'WB' 450'WB'

INTERSTATE 39

436'EB' 438'EB' 440'EB' 442'EB' 444'EB' 446'EB' 448'EB' 450'EB'

IH 39 SB/90/94 EB

SLOPE INTERCEPTS

WETLAND BOUNDARY

RIPRAP

MATCH LINE 450+75

2

LEGEND

- EROSION MAT CLASS I TYPE A
- SILT FENCE
- INLET PROTECTION (SEE PLAN FOR TYPE)
- SLOPE INTERCEPT

NOTES:

1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

MATCH LINE 450+75

AT&T LEGACY (TELEPHONE)

SLOPE INTERCEPTS

IH 39 NB/90/94 WB

452'WB' 454'WB' 456'WB' 458'WB' 460'WB' 462'WB' 464'WB' 466

INTERSTATE 39

452'EB' 454'EB' 456'EB' 458'EB' 460'EB' 462'EB' 464'EB' 466

IH 39 SB/90/94 EB

WETLAND BOUNDARY

SLOPE INTERCEPTS

WETLAND BOUNDARY

ATC MANAGEMENT INC (ELECTRIC)

MATCH LINE 466+00

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 47	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 3/14/2025 10:17 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 466+00

AT&T LEGACY (TELEPHONE)

WETLAND BOUNDARY

PC: 470+96.98 'WB'

SLOPE INTERCEPTS

WIBU RD

PT: 480+23.78 'WB'

IH 39 NB/90/94 WB

468'WB' 470'WB' 472'WB' 474'WB' 476'WB' 478'WB' 480'WB'

INTERSTATE 39

IH 39 SB/90/94 EB

468'EB' 470'EB' 472'EB' 474'EB' 476'EB' 478'EB' 480'EB'

PC: 468+62.82 'EB'

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 481+25

2

NOTES:
1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND

- EROSION MAT CLASS I TYPE A
- SILT FENCE
- INLET PROTECTION (SEE PLAN FOR TYPE)
- SLOPE INTERCEPT

MATCH LINE 481+25

STA BACK = 482+57.95 'WB'

STA AHEAD = 483+31.72 'WB'

AT&T LEGACY (TELEPHONE)

CTH DM

SLOPE INTERCEPTS

WETLAND BOUNDARY

IH 39 NB/90/94 WB

482'WB' 484'WB' 486'WB' 488'WB' 490'WB' 492'WB' 494'WB' 496'WB'

INTERSTATE 39

IH 39 SB/90/94 EB

482'EB' 484'EB' 486'EB' 488'EB' 490'EB' 492'EB' 494'EB' 496'EB'

STA BACK = 482+52.86 'EB'

STA AHEAD = 483+31.72 'EB'

PT: 483+31.72 'EB'

WETLAND BOUNDARY

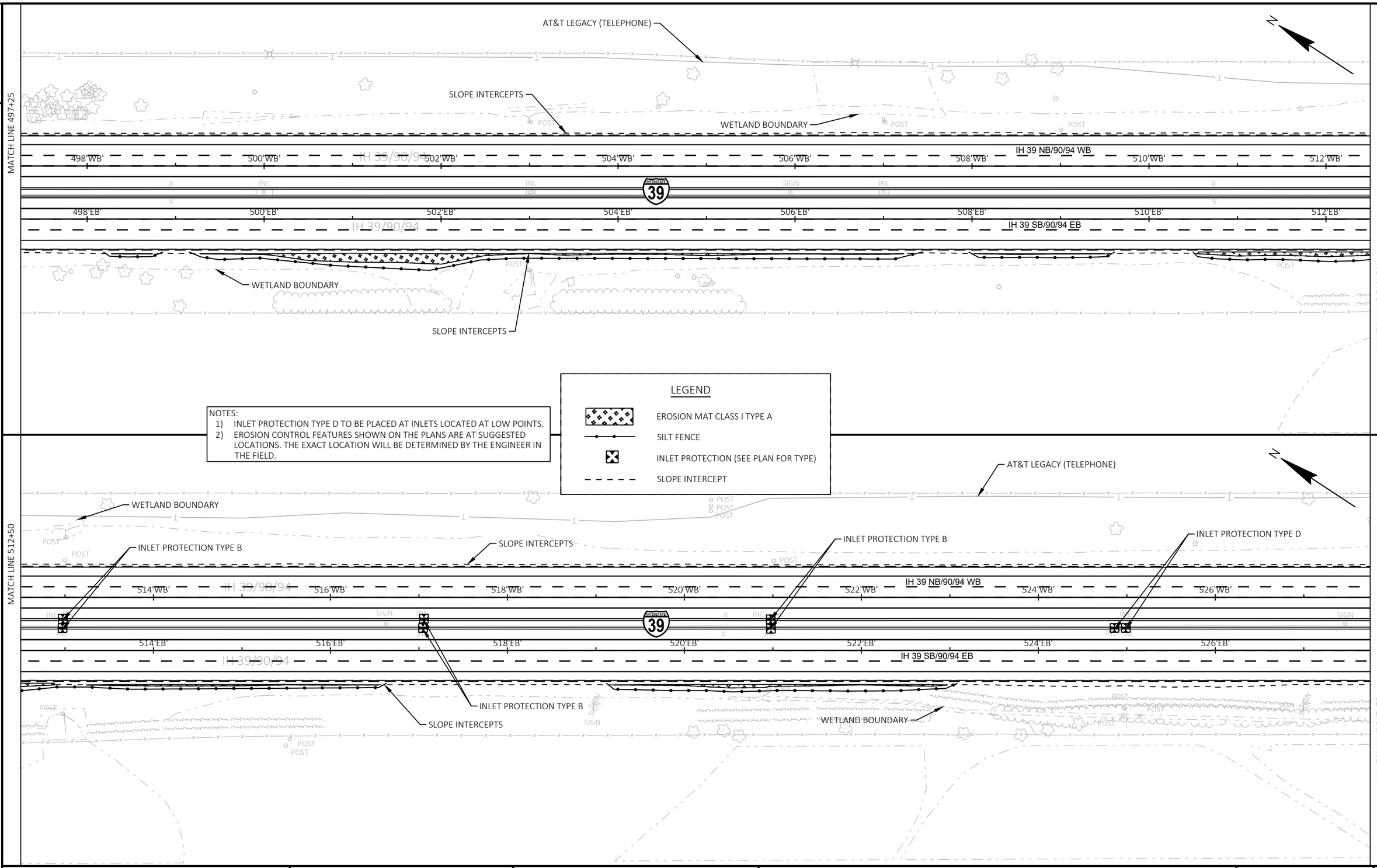
SLOPE INTERCEPTS

SPECTRUM (COMMUNICATION)

MADISON GAS AND ELECTRIC (GAS/PETROLEUM)

MATCH LINE 497+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 48	E



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 49	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 04
PLOT DATE : 3/14/2025 10:18 AM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 527+75

AT&T LEGACY (TELEPHONE)

SLOPE INTERCEPTS

WETLAND BOUNDARY

IH 39 NB/90/94 WB

528'WB' 530'WB' 532'WB' 534'WB' 536'WB' 538'WB' 540'WB' 542'WB'

528'EB' 530'EB' 532'EB' 534'EB' 536'EB' 538'EB' 540'EB' 542'EB'

IH 39 SB/90/94 EB

INLET PROTECTION TYPE B

SLOPE INTERCEPTS

INLET PROTECTION TYPE B

INLET PROTECTION TYPE B

WETLAND BOUNDARY

MATCH LINE 543+00

2

LEGEND

- EROSION MAT CLASS I TYPE A
- SILT FENCE
- INLET PROTECTION (SEE PLAN FOR TYPE)
- SLOPE INTERCEPT

NOTES:

1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

MATCH LINE 543+00

AT&T LEGACY (TELEPHONE)

SLOPE INTERCEPTS

INLET PROTECTION TYPE B

IH 39 NB/90/94 WB

544'WB' 546'WB' 548'WB' 550'WB' 552'WB' 554'WB' 556'WB' 558'WB'

544'EB' 546'EB' 548'EB' 550'EB' 552'EB' 554'EB' 556'EB' 558'EB'

IH 39 SB/90/94 EB

WETLAND BOUNDARY

SLOPE INTERCEPTS

MATCH LINE 558+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 50	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 3/14/2025 10:18 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 558+25

MATCH LINE 573+50

2

SLOPE INTERCEPTS

INLET PROTECTION TYPE B

WETLAND BOUNDARY

ALLIANT ENERGY (ELECTRIC)

AT&T LEGACY (TELEPHONE)

IH 39/90/94

IH 39 NB/90/94 WB

IH 39 SB/90/94 EB

560'WB' 562'WB' 564'WB' 566'WB' 568'WB' 570'WB' 572'WB'

560'EB' 562'EB' 564'EB' 566'EB' 568'EB' 570'EB' 572'EB'

PC: 572+72.06 'EB'

ATC MANAGEMENT INC (ELECTRIC)

CTH I

LEGEND

- EROSION MAT CLASS I TYPE A
- SILT FENCE
- INLET PROTECTION (SEE PLAN FOR TYPE)
- SLOPE INTERCEPT

NOTES:

1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

WETLAND BOUNDARY

INLET PROTECTION TYPE B

PC: 575+31.72 'WB'

BP: -0+00.00 'W'

SLOPE INTERCEPTS

PT: 6+91.3

PT: 585+44.26 'WB'

AT&T LEGACY (TELEPHONE)

INLET PROTECTION TYPE B

STA BACK = 588+02.89'WB'

STA AHEAD = 587+96.05 'WB'

IH 39/90/94

IH 39 NB/90/94 WB

574'WB' 576'WB' 578'WB' 580'WB' 582'WB' 584'WB' 586'WB' 588'WB'

574'EB' 576'EB' 578'EB' 580'EB' 582'EB' 584'EB' 586'EB' 588'EB'

IH 39 SB/90/94 EB

ALLIANT ENERGY (ELECTRIC)

ATC MANAGEMENT INC (ELECTRIC)

SLOPE INTERCEPTS

BP: -0+00.00 'X'

WETLAND BOUNDARY

VILLAGE OF DEFOREST (WATER)

PT: 587+96.05 'EB'

STA BACK = 587+90.94 'EB'

STA AHEAD = 587+96.05 'EB'

PT: 4+47.70 'X'

END RAMP CONSTRUCTION
STA 4+71.94'X'

MATCH LINE 588+75

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 51	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 3/14/2025 10:19 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 588+75

AT&T LEGACY (TELEPHONE)

PC: 10+79.26 'W'

END RAMP CONSTRUCTION
STA 12+72.78'W'

16'W'

14'W'

12'W'

BRIGHTSPEED OF WESTERN WISCONSIN, LLC (COMMUNICATION)

INLET PROTECTION TYPE B

SLOPE INTERCEPTS

WETLAND BOUNDARY

MADISON GAS AND ELECTRIC (GAS/PETROLEUM)

INLET PROTECTION TYPE B

TDS METROCOM LLC (COMMUNICATION)

ALLIANT ENERGY (ELECTRIC)

590'WB 592'WB 594'WB IH 39/90/94 596'WB 598'WB 600'WB 602'WB 604

IH 39 NB/90/94 WB

INTERSTATE 39

590'EB' 592'EB' 594'EB' 596'EB' 598'EB' 600'EB' 602'EB' 604

IH 39/90/94

IH 39 SB/90/94 EB

WETLAND BOUNDARY

SLOPE INTERCEPTS

INLET PROTECTION TYPE D

SPECTRUM (COMMUNICATION)

6'X'

8'X'

ATC MANAGEMENT INC (ELECTRIC)

PC: 5+84.99 'X'

PT: 7+78.07 'X'

4.86 'X'

NOTES:
1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND

EROSION MAT CLASS I TYPE A

SILT FENCE

INLET PROTECTION (SEE PLAN FOR TYPE)

SLOPE INTERCEPT

MATCH LINE 604+00

2

MATCH LINE 604+00

END RAMP CONSTRUCTION
STA 4+68.83'Y'

AT&T LEGACY (TELEPHONE)

EP: 9+34.30 'Y'

2'Y'

4'Y'

SLOPE INTERCEPTS

WETLAND BOUNDARY

TOWN OF VIENNA (SEWER)
VILLAGE OF DEFOREST (SEWER)

6'Y'

WETLAND BOUNDARY

606'WB 608'WB IH 39/90/94 610'WB 612'WB 614'WB 616'WB 618'WB

IH 39 NB/90/94 WB

INTERSTATE 39

606'EB' 608'EB' 610'EB' 612'EB' 614'EB' 616'EB' 618'EB'

IH 39/90/94

IH 39 SB/90/94 EB

END RAMP CONSTRUCTION
STA 2+73.10'Z'

4'Z'

6'Z'

8'Z'

10'Z'

2'Z'

WETLAND BOUNDARY

SLOPE INTERCEPTS

WETLAND BOUNDARY

VILLAGE OF DEFOREST (WATER)

PT: 4+74.41 'Z'

PC: 0+37.37 'Z'

2.00 'Z'

ATC MANAGEMENT INC (ELECTRIC)

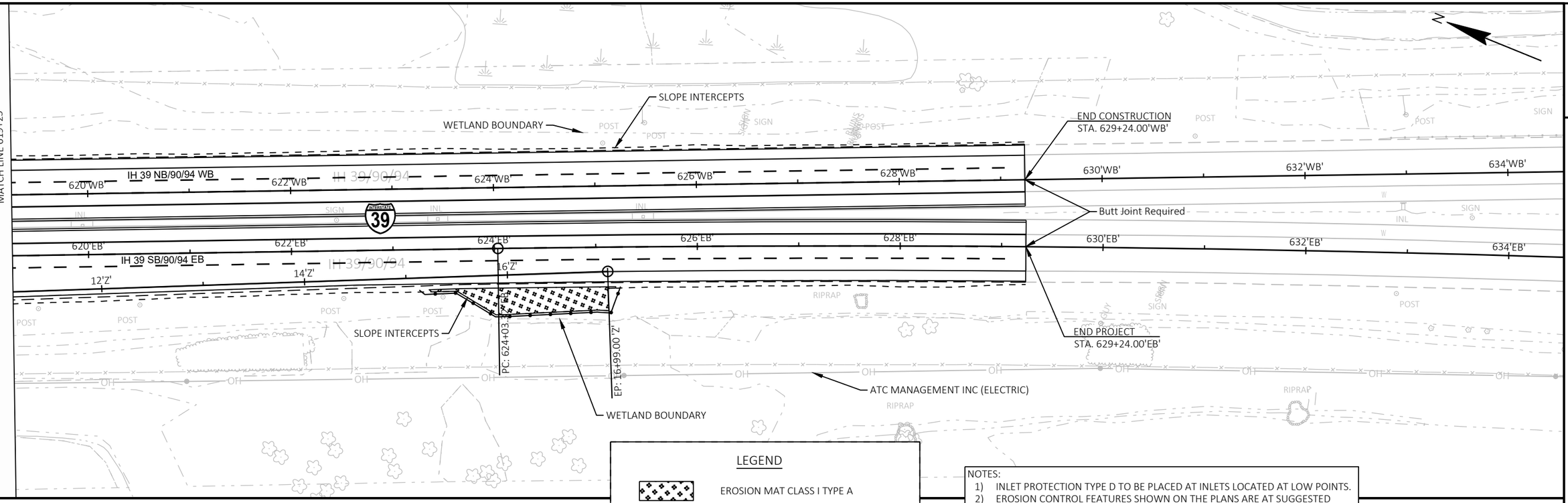
MATCH LINE 619+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 52	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 3/14/2025 10:19 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



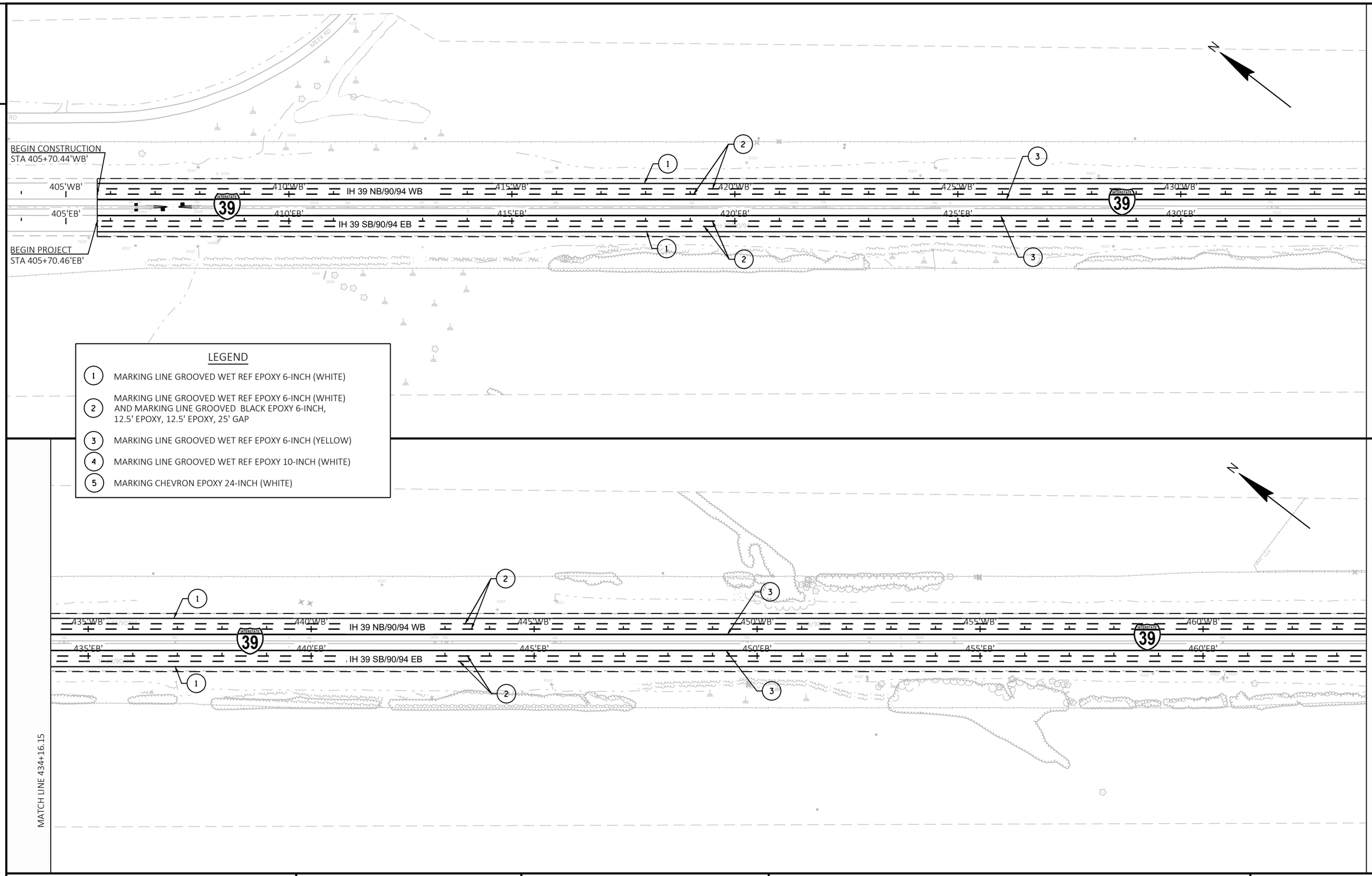
LEGEND

- EROSION MAT CLASS I TYPE A
- SILT FENCE
- INLET PROTECTION (SEE PLAN FOR TYPE)
- SLOPE INTERCEPT

NOTES:

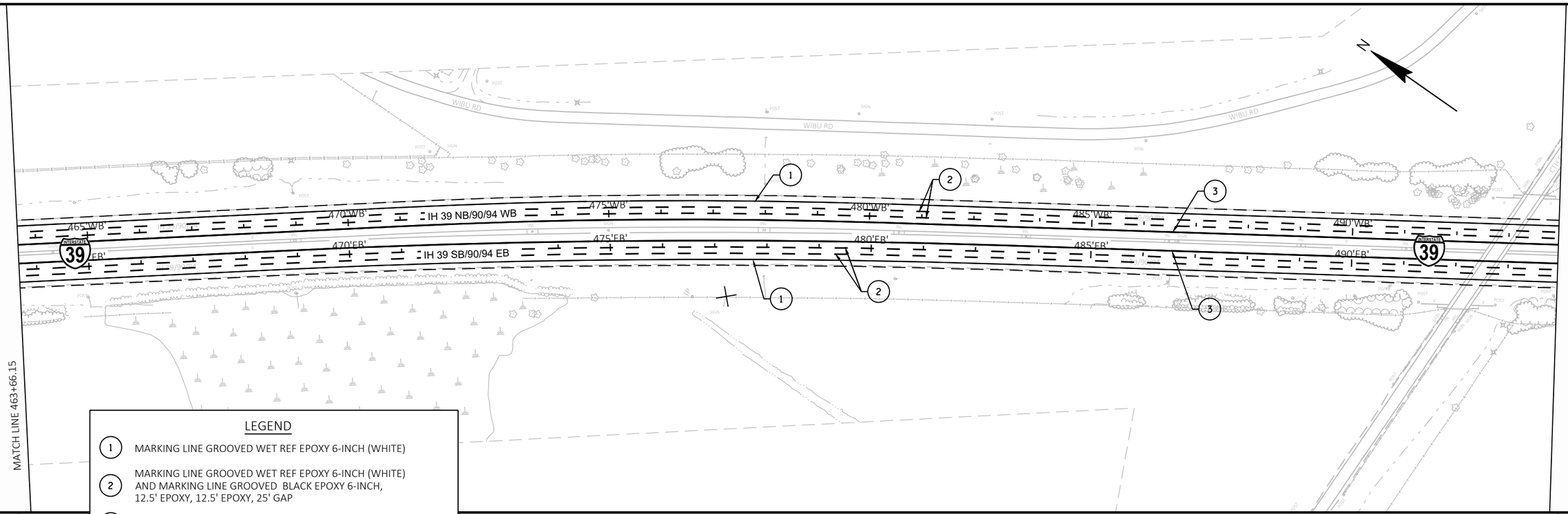
1) INLET PROTECTION TYPE D TO BE PLACED AT INLETS LOCATED AT LOW POINTS.
2) EROSION CONTROL FEATURES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EROSION CONTROL	SHEET 53	E



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) AND MARKING LINE GROOVED BLACK EPOXY 6-INCH, 12.5' EPOXY, 12.5' EPOXY, 25' GAP
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
5. MARKING CHEVRON EPOXY 24-INCH (WHITE)



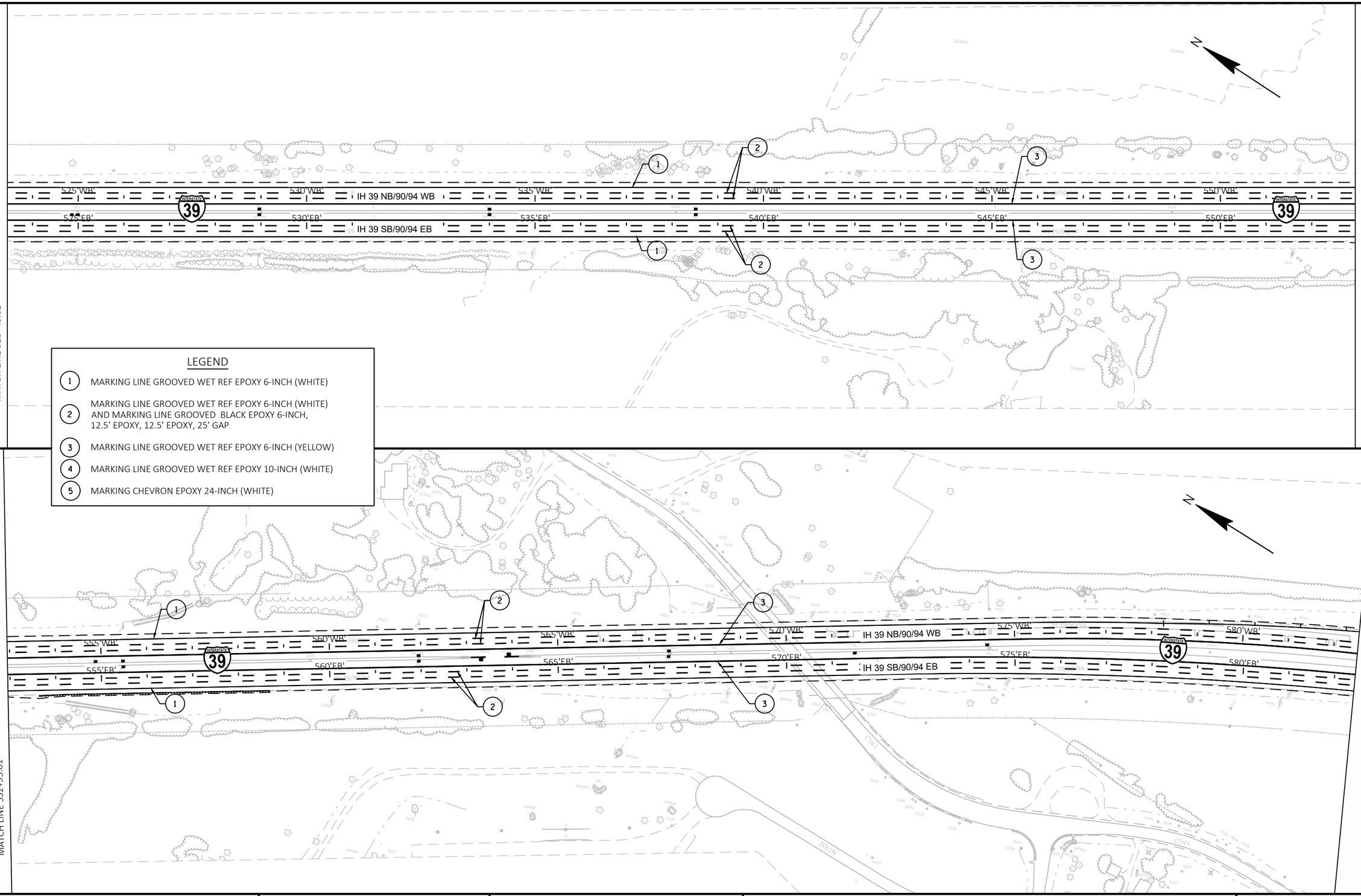
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PAVEMENT MARKING	SHEET 55	E

2

MATCH LINE 523+45.01

MATCH LINE 552+95.01

2



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) AND MARKING LINE GROOVED BLACK EPOXY 6-INCH, 12.5' EPOXY, 12.5' EPOXY, 25' GAP
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
5. MARKING CHEVRON EPOXY 24-INCH (WHITE)

MATCH LINE 552+95.01

MATCH LINE 582+45.01

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PAVEMENT MARKING	SHEET 56	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 03

PLOT DATE : 9/3/2025 9:21 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

MATCH LINE 582+45.01

END RAMP CONSTRUCTION
STA 12+72.78'W'

15'W'

10'W'

5'W'

585'WB'

590'WB'

595'WB'

600'WB'

605'WB'

610'WB'

IH 39 NB/90/94 WB

585'EB'

590'EB'

595'EB'

600'EB'

605'EB'

610'EB'

IH 39 SB/90/94 EB

5'X'

3' LINE, 9' GAP

END RAMP CONSTRUCTION
STA 4+71.94'X'

END RAMP CONSTRUCTION
STA 2+73.10'Z'

MATCH LINE 612+00.12

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) AND MARKING LINE GROOVED BLACK EPOXY 6-INCH, 12.5' EPOXY, 12.5' EPOXY, 25' GAP
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
5. MARKING CHEVRON EPOXY 24-INCH (WHITE)

END RAMP CONSTRUCTION
STA 4+68.83'Y'

3' LINE, 9' GAP

5'Y'

615'WB'

620'WB'

625'WB'

IH 39 NB/90/94 WB

615'EB'

620'EB'

625'EB'

IH 39 SB/90/94 EB

10'Z'

15'Z'

5'A'

END CONSTRUCTION
STA 629+24.00'WB'

630'WB'

635'WB'

630'EB'

635'EB'

END PROJECT
STA 629+24.00'EB'

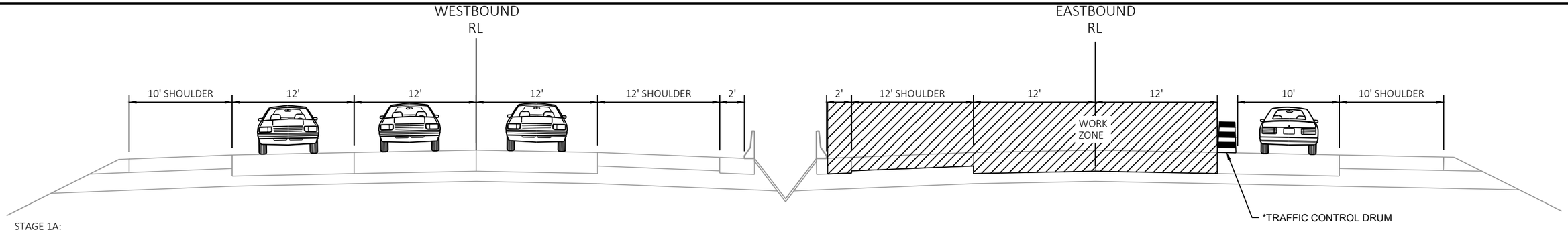
MATCH LINE 612+00.12

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	PAVEMENT MARKING	SHEET 57	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 04

PLOT DATE : 9/3/2025 9:22 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

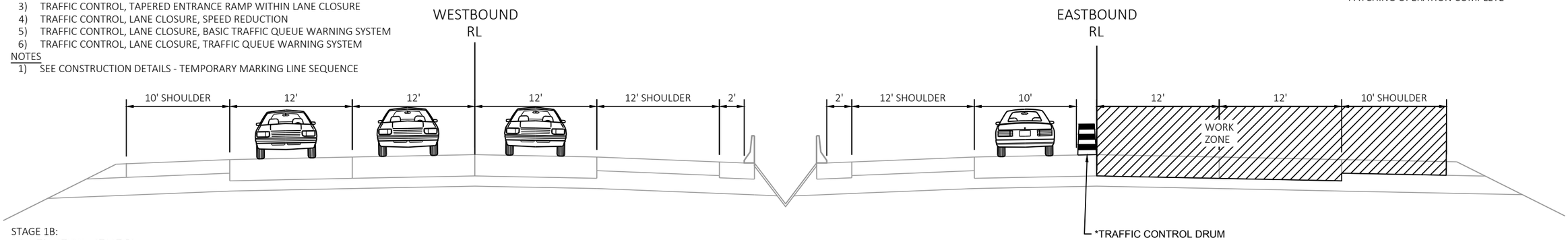
WISDOT/CADDS SHEET 44



STAGE 1A:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND INSIDE LANE AND INSIDE SHOULDER BASE PATCHING
TRAFFIC
1) CENTER AND INSIDE LANE LANES CLOSED DURING NIGHT TIME CLOSURE
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
5) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
6) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 1A NIGHT TIME LANE CLOSURE

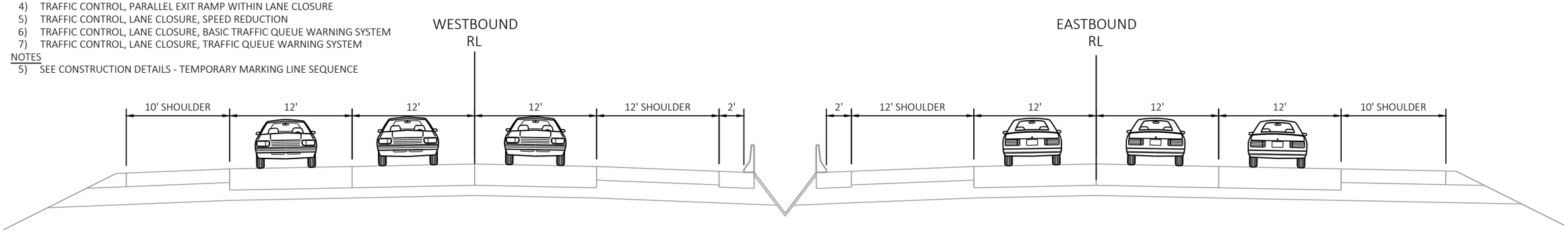
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PATCHING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 1B:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND OUTSIDE LANE AND OUTSIDE SHOULDER BASE PATCHING
TRAFFIC
1) CENTER AND AND OUTSIDE LANES CLOSED DURING NIGHT TIME CLOSURES
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
5) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
6) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
7) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
5) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 1B NIGHT TIME LANE CLOSURE

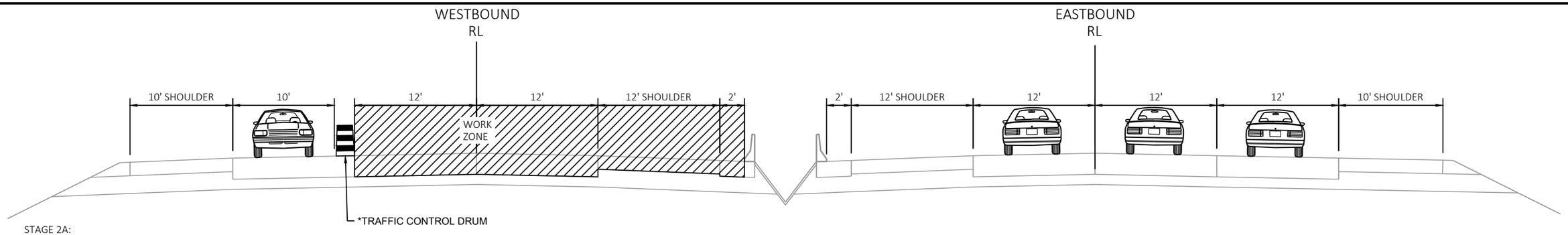
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PATCHING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 1A AND 1B DAYTIME
CONSTRUCTION ACTIVITIES
1) NONE
TRAFFIC
1) OPEN
STANDARD DETAIL DRAWINGS REQUIRED
1) NONE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 1A AND 1B DAYTIME

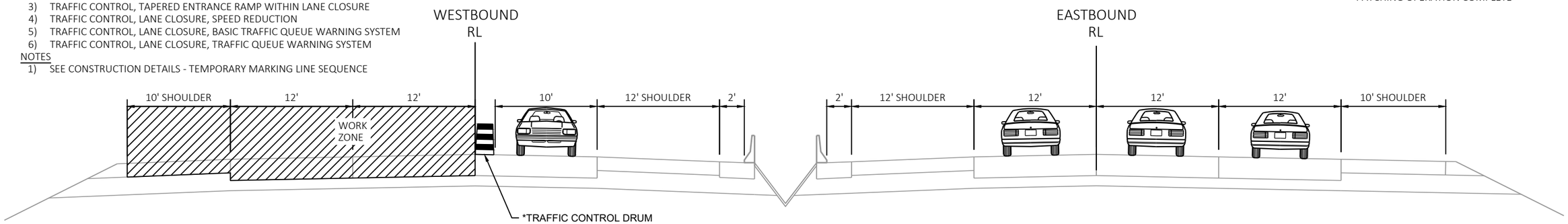
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 58	E



STAGE 2A:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND INSIDE LANE AND INSIDE SHOULDER BASE PATCHING
TRAFFIC
1) CENTER AND INSIDE LANE LANES CLOSED DURING NIGHT TIME CLOSURE
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
5) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
6) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 2A NIGHT TIME LANE CLOSURE

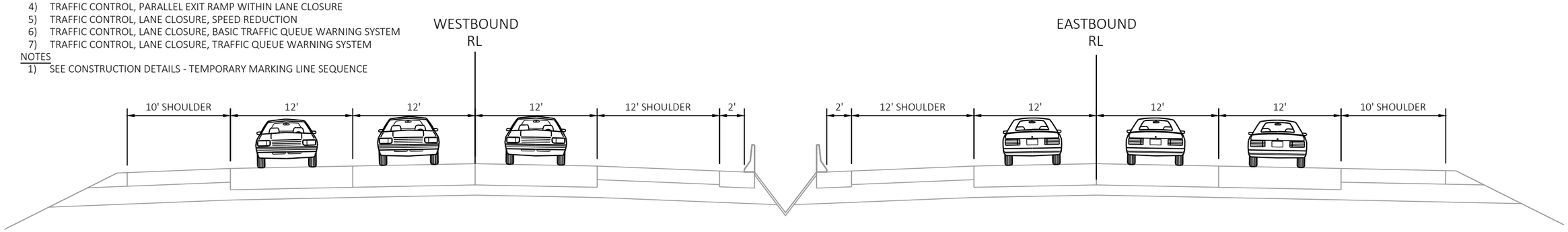
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PATCHING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 2B:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND OUTSIDE LANE AND OUTSIDE SHOULDER BASE PATCHING
TRAFFIC
1) CENTER AND AND OUTSIDE LANES CLOSED DURING NIGHT TIME CLOSURES
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
5) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
6) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
7) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

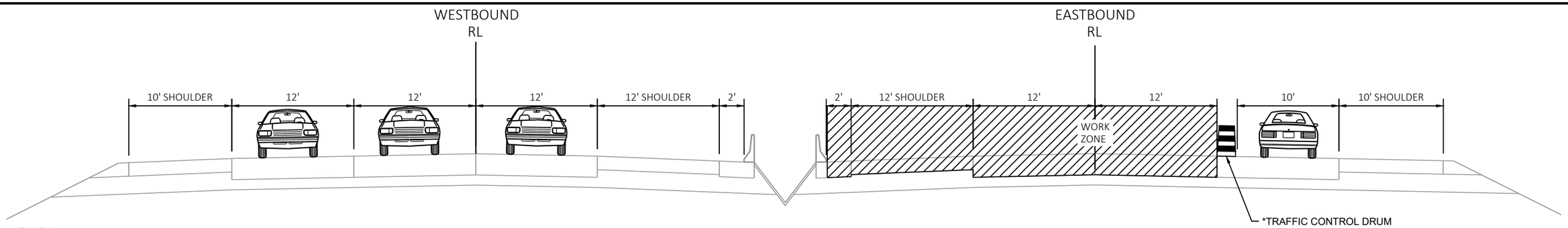
TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 2B NIGHT TIME LANE CLOSURE

* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PATCHING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 2A AND 2B DAYTIME
CONSTRUCTION ACTIVITIES
1) NONE
TRAFFIC
1) OPEN
STANDARD DETAIL DRAWINGS REQUIRED
1) NONE

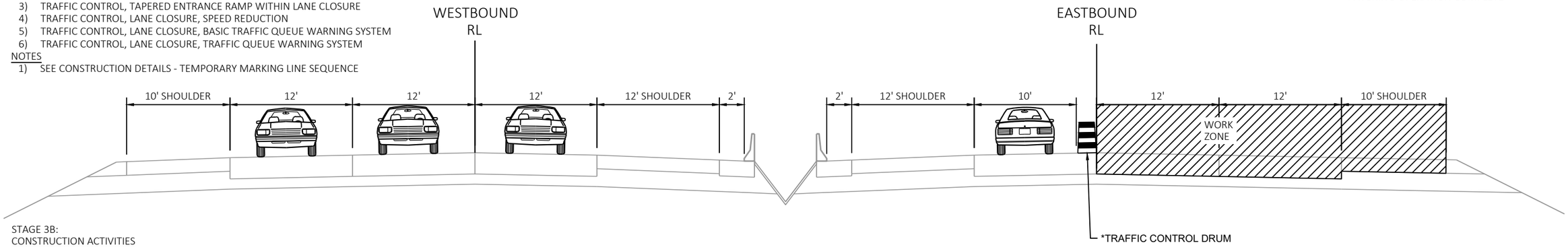
TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 2A AND 2B DAYTIME



STAGE 3A:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND INSIDE LANE AND INSIDE SHOULDER 2" OVERLAY (LOWER LAYER)
TRAFFIC
1) CENTER AND INSIDE LANE LANES CLOSED DURING NIGHT TIME CLOSURE
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
5) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
6) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 3A NIGHT TIME LANE CLOSURE

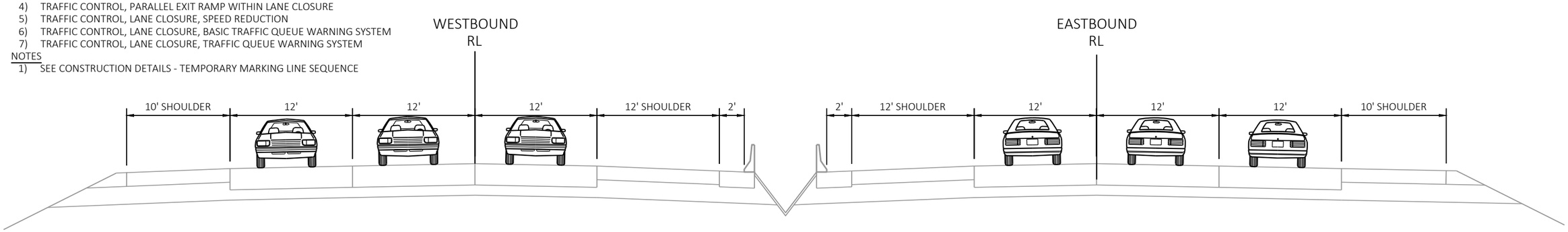
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 3B:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND OUTSIDE LANE AND OUTSIDE SHOULDER 2" OVERLAY (LOWER LAYER)
TRAFFIC
1) CENTER AND OUTSIDE LANES CLOSED DURING NIGHT TIME CLOSURES
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
5) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
6) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
7) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 3B NIGHT TIME LANE CLOSURE

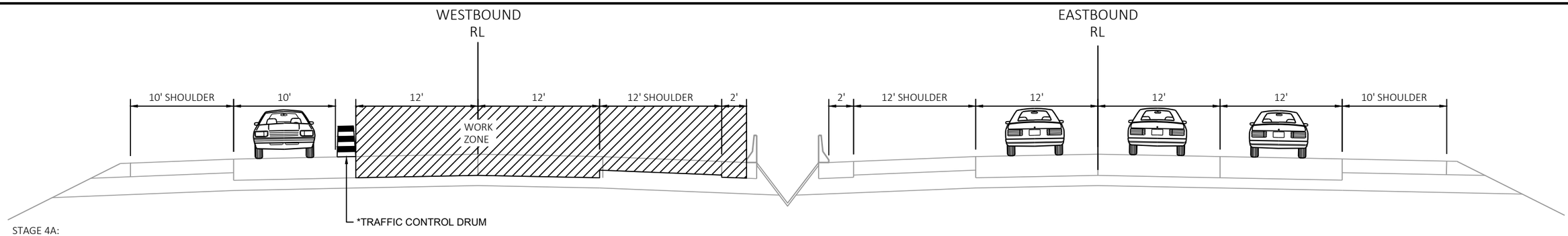
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 3A AND 3B DAYTIME
CONSTRUCTION ACTIVITIES
1) NONE
TRAFFIC
1) OPEN
STANDARD DETAIL DRAWINGS REQUIRED
1) NONE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 3A AND 3B DAYTIME

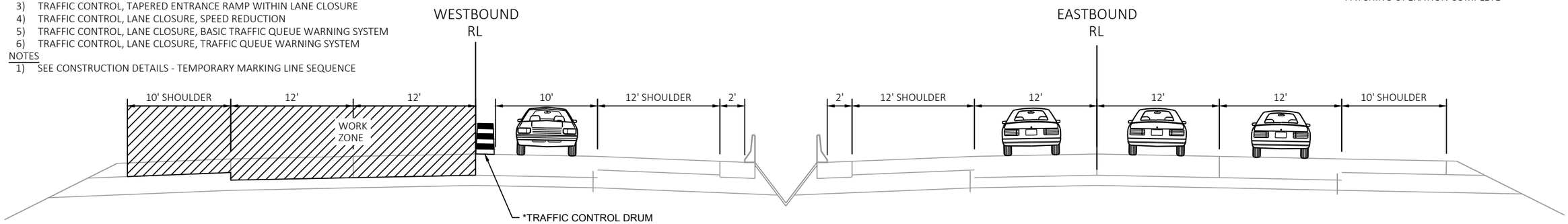
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 60	E



STAGE 4A:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND INSIDE LANE AND INSIDE SHOULDER 2" OVERLAY (LOWER LAYER)
TRAFFIC
1) CENTER AND INSIDE LANE LANES CLOSED DURING NIGHT TIME CLOSURE
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
5) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
6) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 4A NIGHT TIME LANE CLOSURE

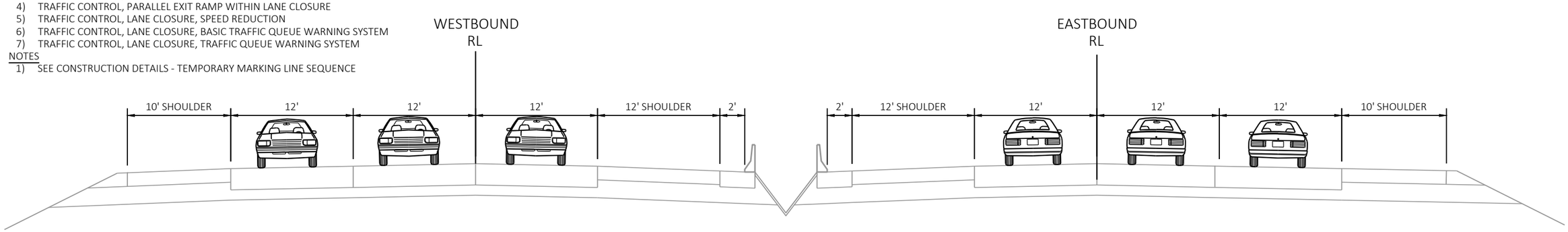
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 4B:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND OUTSIDE LANE AND OUTSIDE SHOULDER 2" OVERLAY (LOWER LAYER)
TRAFFIC
1) CENTER AND AND OUTSIDE LANES CLOSED DURING NIGHT TIME CLOSURES
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
5) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
6) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
7) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 4B NIGHT TIME LANE CLOSURE

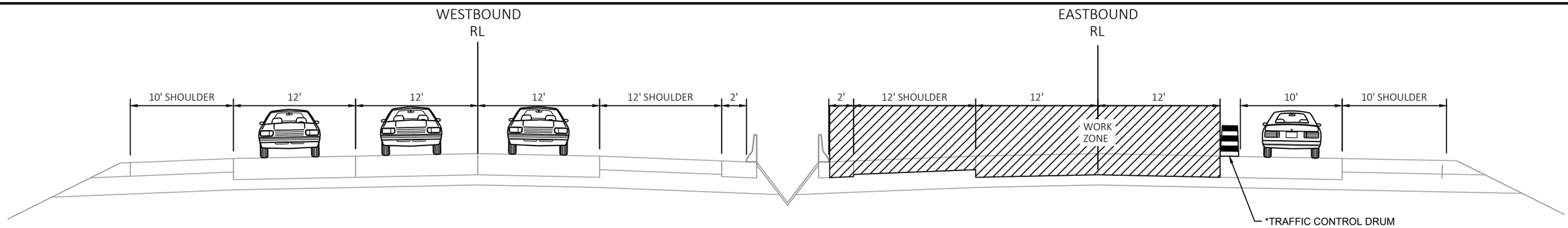
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 4A AND 4B DAYTIME
CONSTRUCTION ACTIVITIES
1) NONE
TRAFFIC
1) OPEN
STANDARD DETAIL DRAWINGS REQUIRED
1) NONE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 4A AND 4B DAYTIME

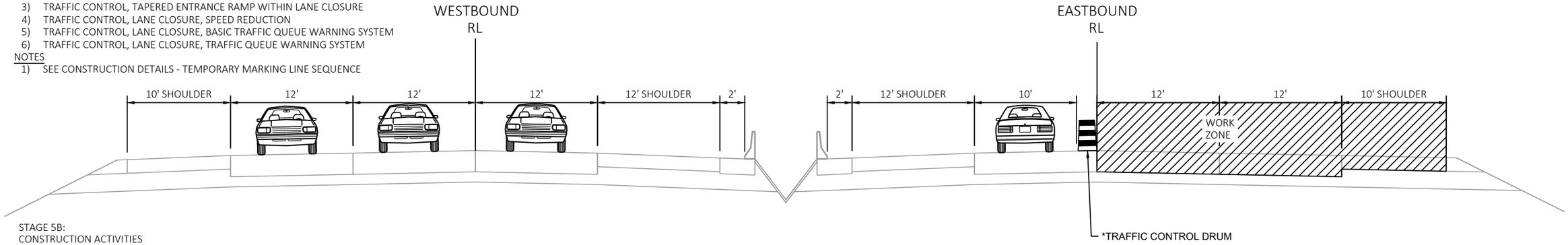
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 61	E



STAGE 5A:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND INSIDE LANE AND INSIDE SHOULDER 2" OVERLAY (UPPER LAYER)
TRAFFIC
1) CENTER AND INSIDE LANE LANES CLOSED DURING NIGHT TIME CLOSURE
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
5) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
6) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 5A NIGHT TIME LANE CLOSURE

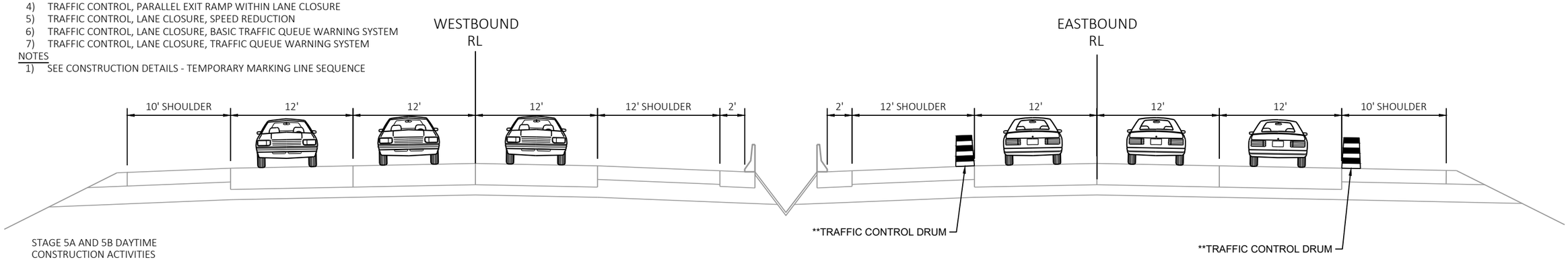
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 5B:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND OUTSIDE LANE AND OUTSIDE SHOULDER 2" OVERLAY (UPPER LAYER)
TRAFFIC
1) CENTER AND AND OUTSIDE LANES CLOSED DURING NIGHT TIME CLOSURES
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
5) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
6) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
7) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 5B NIGHT TIME LANE CLOSURE

* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



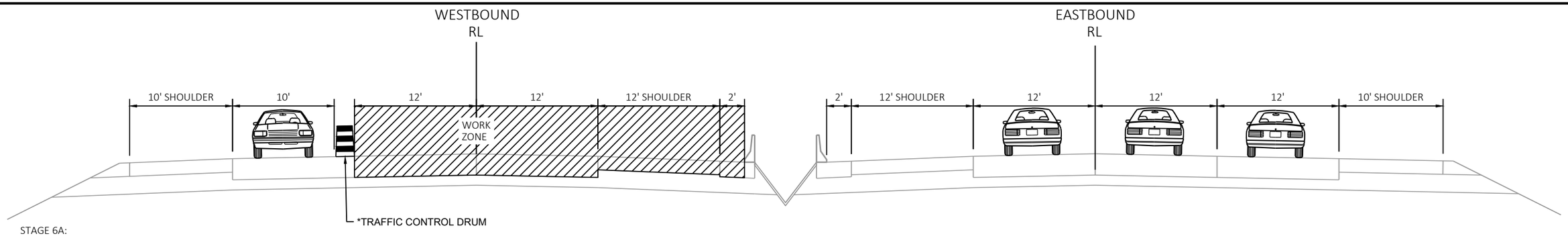
STAGE 5A AND 5B DAYTIME
CONSTRUCTION ACTIVITIES
1) INLET ADJUSTMENTS, BEAM GUARD INSTALLATION, OUTSIDE SHOULDERING, GRADING, AND RESTORATION
TRAFFIC
1) OPEN
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 5A AND 5B DAYTIME

** PLACE DRUMS PER TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH IF CURRENT CONDITIONS REQUIRE THE SHOULDER TO BE CLOSED. BOTH SHOULDERS CANNOT BE CLOSED AT THE SAME TIME IN THE SAME LOCATION.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 62	E

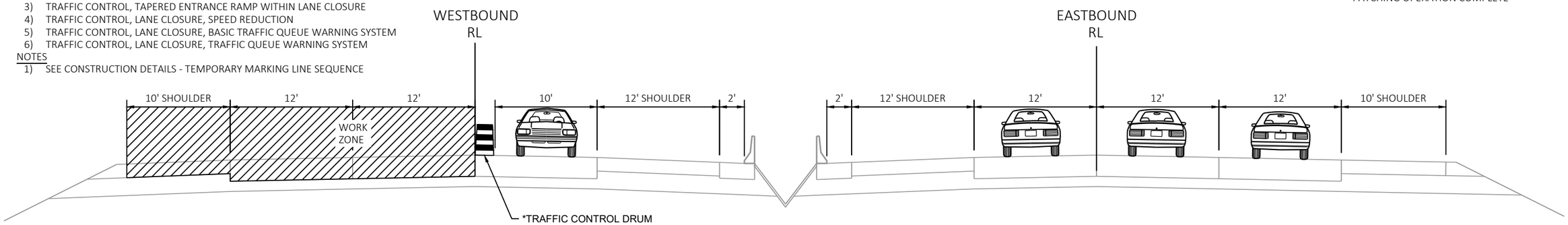
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 05
PLOT DATE : 7/30/2025 4:11 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STAGE 6A:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND INSIDE LANE AND INSIDE SHOULDER 2" OVERLAY (UPPER LAYER)
TRAFFIC
1) CENTER AND INSIDE LANE LANES CLOSED DURING NIGHT TIME CLOSURE
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
5) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
6) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 6A NIGHT TIME LANE CLOSURE

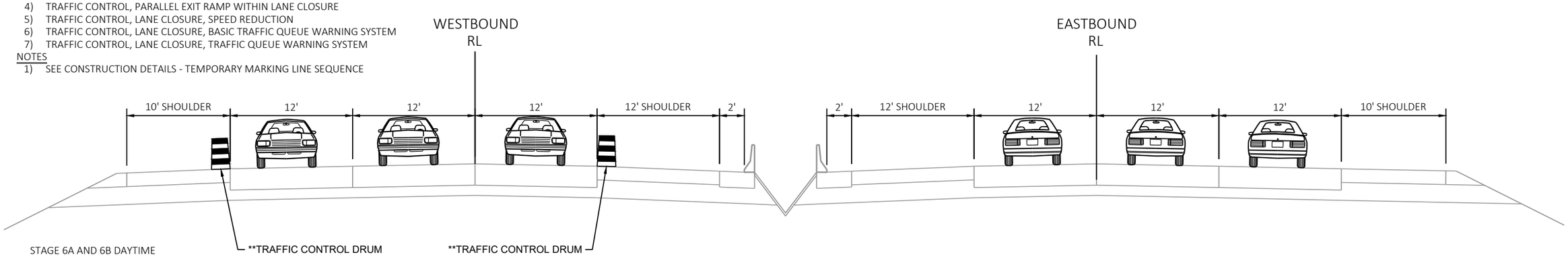
* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 6B:
CONSTRUCTION ACTIVITIES
1) COMPLETE CENTER AND OUTSIDE LANE AND OUTSIDE SHOULDER 2" OVERLAY (UPPER LAYER)
TRAFFIC
1) CENTER AND AND OUTSIDE LANES CLOSED DURING NIGHT TIME CLOSURES
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL FOR DROP-OFF SIGNING
2) TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
3) TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
4) TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
5) TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
6) TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM
7) TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM
NOTES
1) SEE CONSTRUCTION DETAILS - TEMPORARY MARKING LINE SEQUENCE

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 6B NIGHT TIME LANE CLOSURE

* DRUM MAY BE TEMPORARILY MOVED INTO THE ADJACENT LANE WHILE PAVING CENTER LANES. IMMEDIATELY MOVE DRUM BACK TO LOCATION SHOWN AFTER PATCHING OPERATION COMPLETE



STAGE 6A AND 6B DAYTIME
CONSTRUCTION ACTIVITIES
1) INLET ADJUSTMENTS, OUTSIDE SHOULDERING, GRADING, AND RESTORATION
TRAFFIC
1) OPEN
STANDARD DETAIL DRAWINGS REQUIRED
1) TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

TRAFFIC CONTROL TYPICAL SECTIONS
STAGE 6A AND 6B DAYTIME

** PLACE DRUMS PER TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH IF CURRENT CONDITIONS REQUIRE THE SHOULDER TO BE CLOSED. BOTH SHOULDERS CANNOT BE CLOSED AT THE SAME TIME IN THE SAME LOCATION.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 63	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 06
PLOT DATE : 3/14/2025 10:27 AM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
XXXXX	RAMP CLOSURE
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	EXISTING POST MOUNTED SIGN

CTH V OFF RAMP CLOSED

SEE DETAIL 1 SHEET FOR SIGNING

SEE DETAIL 2 SHEET FOR SIGNING

N

DeForest

Windsor

Token R.

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 SB & IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B, & 5B) - OVERVIEW	SHEET 64 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027001A-DT.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2025 8:24 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:0.5 MI

NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGN AND TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL SIGN IN CONFLICT TO THE WORK ZONE, INCLUDING PRE-EXISTING SIGNING, SHALL BE COVERED, REMOVED, OR ALTERED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL, EXIT RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

LEGEND

- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE
- RAMP CLOSURE
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- EXISTING POST MOUNTED SIGN

R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE

PLACE 2 BARRICADES AND A R11-2L SIGN APPROXIMATELY EVERY 1/4MILE ACROSS CLOSED LANES

IH 39 NB/ IH 90/94 WB
IH 39 SB/ IH 90/94 EB

570'EB' 572'EB' 574'EB' 576'EB' 578'EB' 580'EB' 582'EB' 584'EB'
576'WB' 578'WB' 580'WB' 582'WB' 584'WB'

100' TYP.

PCMS

DURING CLOSURE

FRAME 1	FRAME 2
EXIT 126 CLOSED	USE EXIT 131

EXIT 126
V
Dane
DeForest
1 MILE

EXIT 126
V
Dane
DeForest

586'EB' 588'EB' 590'EB' 592'EB' 594'EB' 596'EB' 598'EB' 600'EB'
586'WB' 588'WB' 590'WB' 592'WB' 594'WB' 596'WB' 598'WB' 600'WB

100' TYP.
200'
25' TYP.

R11-2R 48" X 30"
RAMP CLOSED
TYPE III BARRICADE

PCMS 7 DAYS PRE-WARN CLOSURE

FRAME 1	FRAME 2
RAMP CLOSED BEGINS	(DAY) (DATE) (TIME)

EXIT 126

IH 39/90/94 OFF RAMP TO CTH V

1109 + 938.249 PT

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 SB & IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B, & 5B) - DETAIL 1	SHEET 65	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027001A-DT.DWG
LAYOUT NAME - 02
PLOT DATE : 7/31/2025 8:25 AM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGN AND TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL SIGN IN CONFLICT TO THE WORK ZONE, INCLUDING PRE-EXISTING SIGNING, SHALL BE COVERED, REMOVED, OR ALTERED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL, EXIT RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

N

LEGEND

- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE
- RAMP CLOSURE
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- EXISTING POST MOUNTED SIGN

EXIT 131
19
Waunakee
Sun Prairie
1 MILE

PCMS

DURING CLOSURE	
FRAME 1	FRAME 2
TO HWY V	USE EXIT 131

EXIT 131

EXIT 131
19
Waunakee
Sun Prairie

PCMS

DURING CLOSURE	
FRAME 1	FRAME 2
TO HWY V	TURN LEFT

PCMS

DURING CLOSURE	
FRAME 1	FRAME 2
TO HWY V	TURN LEFT

IH 39/90/94

IH 39 SB/ IH 90/94 EB

IH 39 NB/ IH 90/94 WB

STH 19

CTH CV

13_581

13_582

13_583

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 SB & IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B, & 5B) - DETAIL 2	SHEET 66	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027001A-DT.DWG
LAYOUT NAME - 03

PLOT DATE : 7/31/2025 8:25 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:150 FT

WISDOT/CADDS SHEET 42

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
	RAMP CLOSURE
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	EXISTING POST MOUNTED SIGN

SEE DETAIL 2 SHEET FOR SIGNING

SEE DETAIL 1 SHEET FOR SIGNING

CTH V ON RAMP CLOSED

Arlington
North Leeds
Goose L.
Leeds
VIENNA
Norway Grove
Dane

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 SB & IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B, & 5B) - OVERVIEW	SHEET 67	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027002B-DT.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2025 8:26 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:0.75 MI

2

LEGEND

- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE
- RAMP CLOSURE
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- EXISTING POST MOUNTED SIGN

N

R11-2L
48"X30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2R
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

SOUTH EAST EAST
39 90 94

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 SOUTH	USE I 39 NORTH

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 SOUTH	TURN RIGHT

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 SOUTH	USE I 39 NORTH

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 SOUTH	TURN LEFT

7-DAY PRE-WARNING	
FRAME 1	FRAME 2
RAMP CLOSED BEGINS	{DAY} {DATE} {TIME}

PCMS

Madison

Markson

CTH I

CT RD V

CTH V

IH 39 SB/ IH 90/94 EB

IH 39 NB/ IH 90/94 WB

EVCO CIR

500'

200'

594'EB'
594'WB'
596'EB'
596'WB'
598'EB'
598'WB'
600'EB'
600'WB'
602'EB'
602'WB'
604'EB'
606'EB'
606'WB'
608'EB'
608'WB'
610'EB'
610'WB'
612'EB'
612'WB'

1109
+ 938.249
PIT

19_653
19_674
18_673
19_725
17_641

NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGN AND TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL SIGN IN CONFLICT TO THE WORK ZONE, INCLUDING PRE-EXISTING SIGNING, SHALL BE COVERED, REMOVED, OR ALTERED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 SB & IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B, & 5B) - DETAIL 1	SHEET 68	E

2

LEGEND

- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE
- RAMP CLOSURE
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- EXISTING POST MOUNTED SIGN

N

DURING CLOSURE

FRAME 1	FRAME 2
TO I 39 SOUTH	TAKE SECOND EXIT

PCMS

DURING CLOSURE

FRAME 1	FRAME 2
TO I 39 SOUTH	TAKE THIRD EXIT

PCMS

STH 60

IH 39 SB/ IH 90/94 EB

IH 39 NB/ IH 90/94 WB

EXIT 119

EXIT 119

60

Lodi

Arlington

DURING CLOSURE

FRAME 1	FRAME 2
TO I 39 SOUTH	USE EXIT 119

PCMS

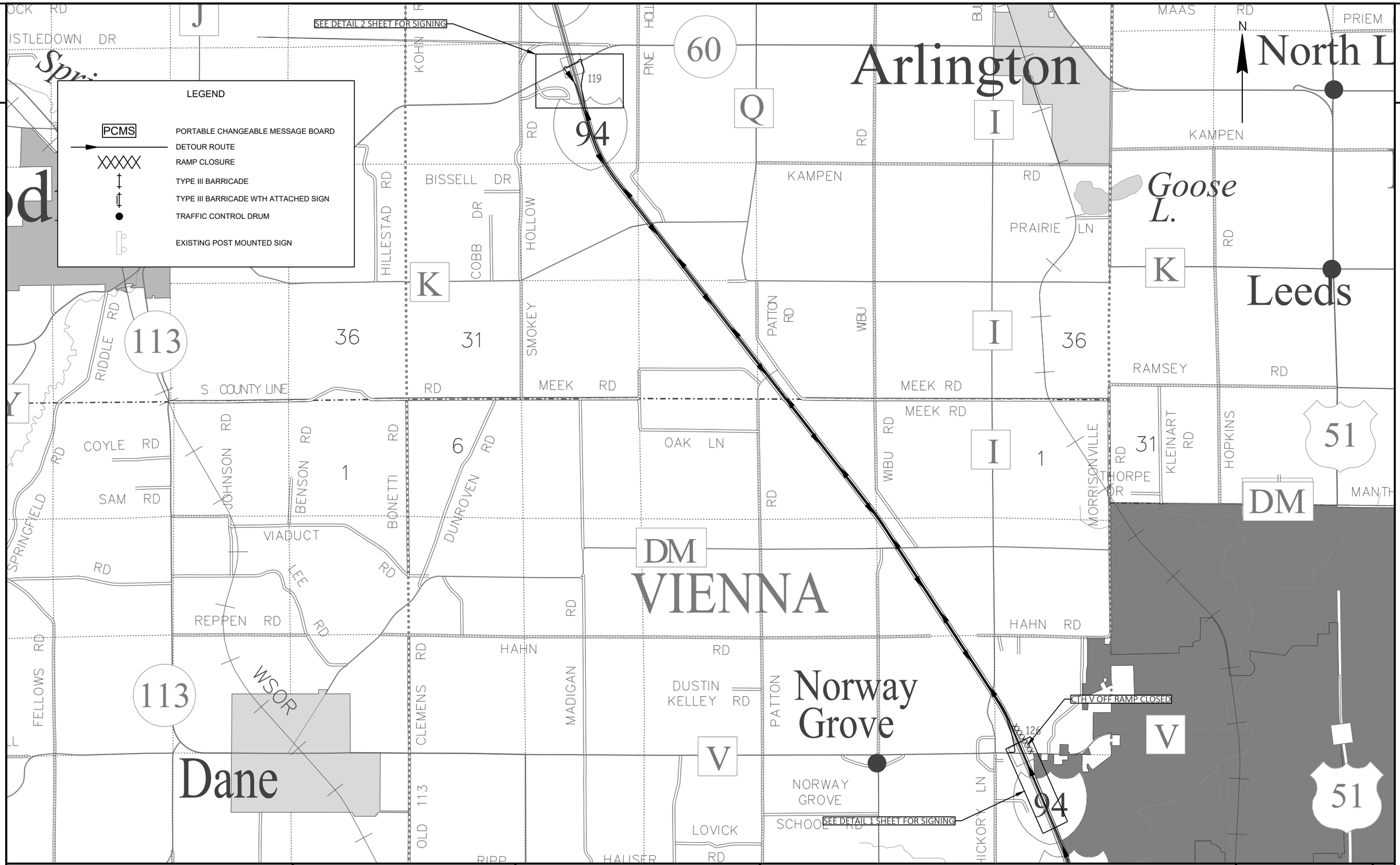
PROSPECT DR

NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGN AND TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL SIGN IN CONFLICT TO THE WORK ZONE, INCLUDING PRE-EXISTING SIGNING, SHALL BE COVERED, REMOVED, OR ALTERED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 SB & IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B, & 5B) - DETAIL 2	SHEET 69	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027002B-DT.DWG
LAYOUT NAME - 03
PLOT DATE : 7/31/2025 8:27 AM
PLOT BY : MATTHEW KOZIAR
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 NB & IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B, & 6B) - OVERVIEW	SHEET 70	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027003-DT.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2025 8:28 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:0.75 MI

WISDOT/CADDS SHEET 42

2

7-DAY PRE-WARNING	
FRAME 1	FRAME 2
RAMP CLOSED BEGINS	{DAY} {DATE} {TIME}

R11-2R
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

EXIT 126

EXIT 126
V
Dane
DeForest

PCMS

600'WB' 602'WB' 604'WB' 606'WB' IH 39 NB/ IH 90/94 WB 608'WB' 610'WB' 612'WB' 614'WB' 616'WB' 618'WB'
600'EB' 602'EB' 604'EB' 606'EB' IH 39 SB/ IH 90/94 EB 608'EB' 610'EB' 612'EB' 614'EB' 616'EB' 618'EB'

25' 800'

CTH V
CT RD V
IH 39/90/94

NOTES:
1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
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4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL, EXIT RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
XXXXX	RAMP CLOSURE
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	EXISTING POST MOUNTED SIGN

DURING CLOSURE	
FRAME 1	FRAME 2
EXIT 126 CLOSED	USE EXIT 119

PCMS

614'WB' 616'WB' 618'WB' IH 39 NB/ IH 90/94 WB 620'WB' 622'WB' 624'WB' 626'WB' 628'WB' 630'WB' 632'WB'
614'EB' 616'EB' 618'EB' IH 39 SB/ IH 90/94 EB 620'EB' 622'EB' 624'EB' 626'EB' 628'EB' 630'EB' 632'EB'

EXIT 126
V
Dane
DeForest

EXIT 126
V
Dane
DeForest
1 MILE

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 NB & IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B, & 6B) - DETAIL 1	SHEET 71	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027003-DT.DWG
LAYOUT NAME - 02
PLOT DATE : 7/31/2025 8:28 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:125 FT

LEGEND

- PCMS — PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE
- RAMP CLOSURE
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- EXISTING POST MOUNTED SIGN

N

DURING CLOSURE

FRAME 1	FRAME 2
TO I 39 SOUTH	TAKE SECOND EXIT

DURING CLOSURE

FRAME 1	FRAME 2
TO I 39 SOUTH	TAKE THIRD EXIT

DURING CLOSURE

FRAME 1	FRAME 2
TO HWY V	USE EXIT 119

EXIT 119

EXIT 119
60
Lodi
Arlington

NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
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4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL, EXIT RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 NB & IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B, & 6B) - DETAIL 2	SHEET 72	E

2

Grove

V

NORWAY GROVE

SCHOOL RD

LOVICK RD

DALEY RD

DeForest

VALLEY RD

PATTON RD

I

ST

EASY ST

WALTER DR

19

RD

126

CTH V ON RAMP CLOSED

SEE DETAIL 1 SHEET FOR SIGNING

HICKORY LN

94

90

39

V

CV

51

N

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
XXXXX	RAMP CLOSURE
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	EXISTING POST MOUNTED SIGN

WINDSOR R

R.

SEE DETAIL 2 SHEET FOR SIGNING

Token

Token

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 NB & IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B, & 6B) - OVERVIEW	SHEET 73	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027004-DT.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2025 8:29 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:2500 FT

2

2

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
	RAMP CLOSURE
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	EXISTING POST MOUNTED SIGN

N

590'EB'
590'WB'
592'EB'
592'WB'
594'EB'
594'WB'
596'EB'
596'WB'
598'EB'
598'WB'
600'EB'
600'WB'
602'EB'
602'WB'
604'EB'
604'WB'
606'EB'
606'WB'
608'EB'
608'WB'
610'EB'
610'WB'

CTH V

1109
+ 938.249
PIT

500'

500'

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	TURN LEFT

7-DAY PRE-WARNING	
FRAME 1	FRAME 2
RAMP CLOSED BEGINS	{DAY} {DATE} {TIME}

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	USE I 39 SOUTH

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	TURN RIGHT

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	USE I 39 SOUTH

R11-2R
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

R11-2L
48"X30"
LANE CLOSED
TYPE III BARRICADE

IH-39 NB/ IH 90/94 WB

IH 39 SB/ IH 90/94 EB

Madison
Mls Dane

NOTES:

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4. SEE SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY" AND "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE".
5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 NB & IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B, & 6B) - DETAIL 1	SHEET 74	E

2

EXIT 131

19

Waunakee
Sun Prairie
1 MILE

PCMS

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	USE EXIT 131

EXIT 131

19

Waunakee
Sun Prairie

EXIT 131

N

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
XXXXX	RAMP CLOSURE
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	EXISTING POST MOUNTED SIGN

NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATION SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD), THE PLANS, SPECIFICATIONS, CONTRACT AND APPLICABLE STANDARD DETAIL DRAWINGS.
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5. SIDEWALKS AND CROSSINGS TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO ADJUST TRAFFIC CONTROL DEVICES ACCORDINGLY TO MAINTAIN ACCESS

DALMORE RD

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	TURN LEFT

PCMS

IH 39 SB/ IH 90/94 EB

IH 39 NB/ IH 90/94 WB

STH 19

STH 19

DURING CLOSURE	
FRAME 1	FRAME 2
TO I 39 NORTH	TURN LEFT

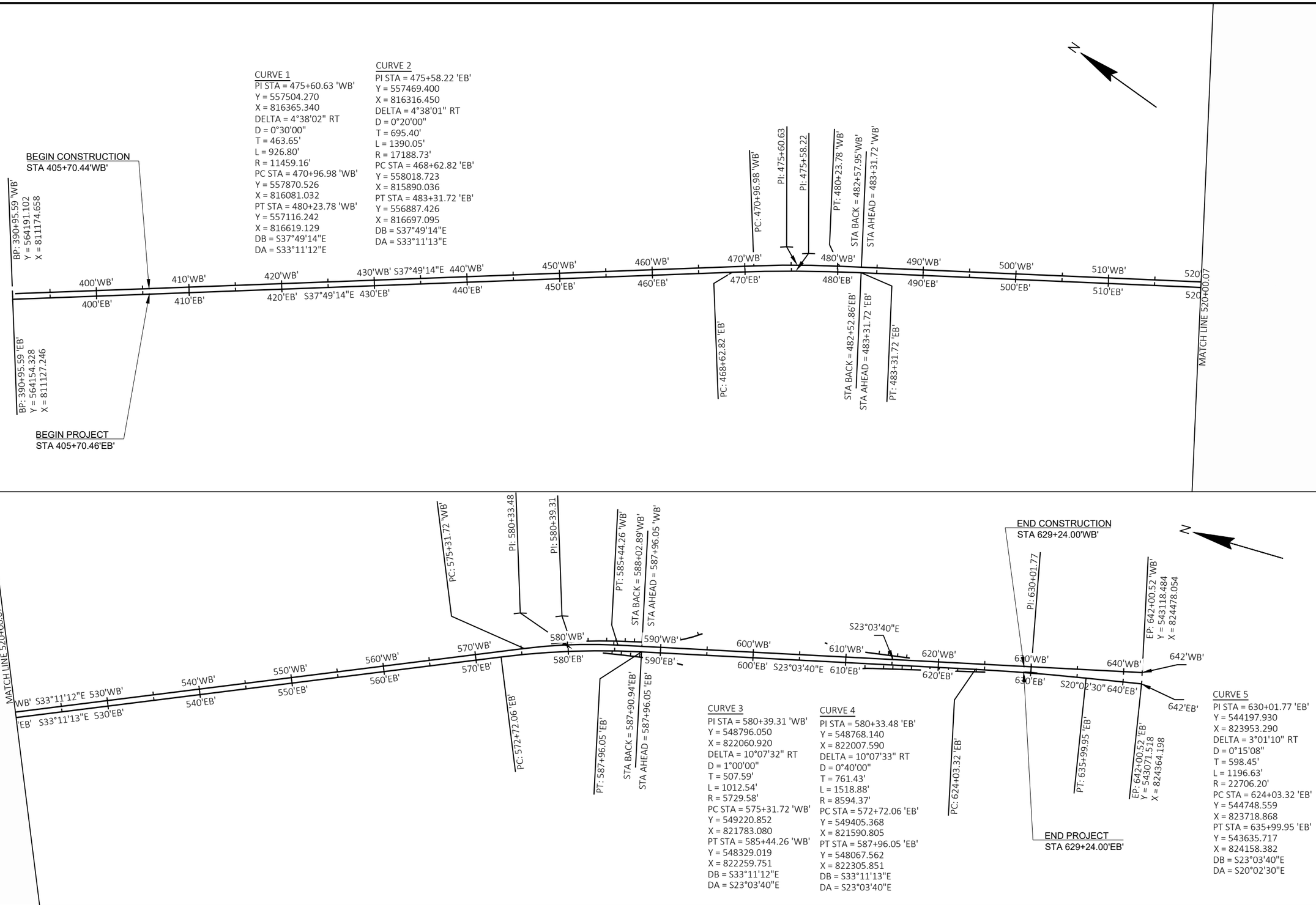
PCMS

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	DETOUR - IH 39 NB & IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B, & 6B) - DETAIL 2	SHEET 75	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027004-DT.DWG
LAYOUT NAME - 03

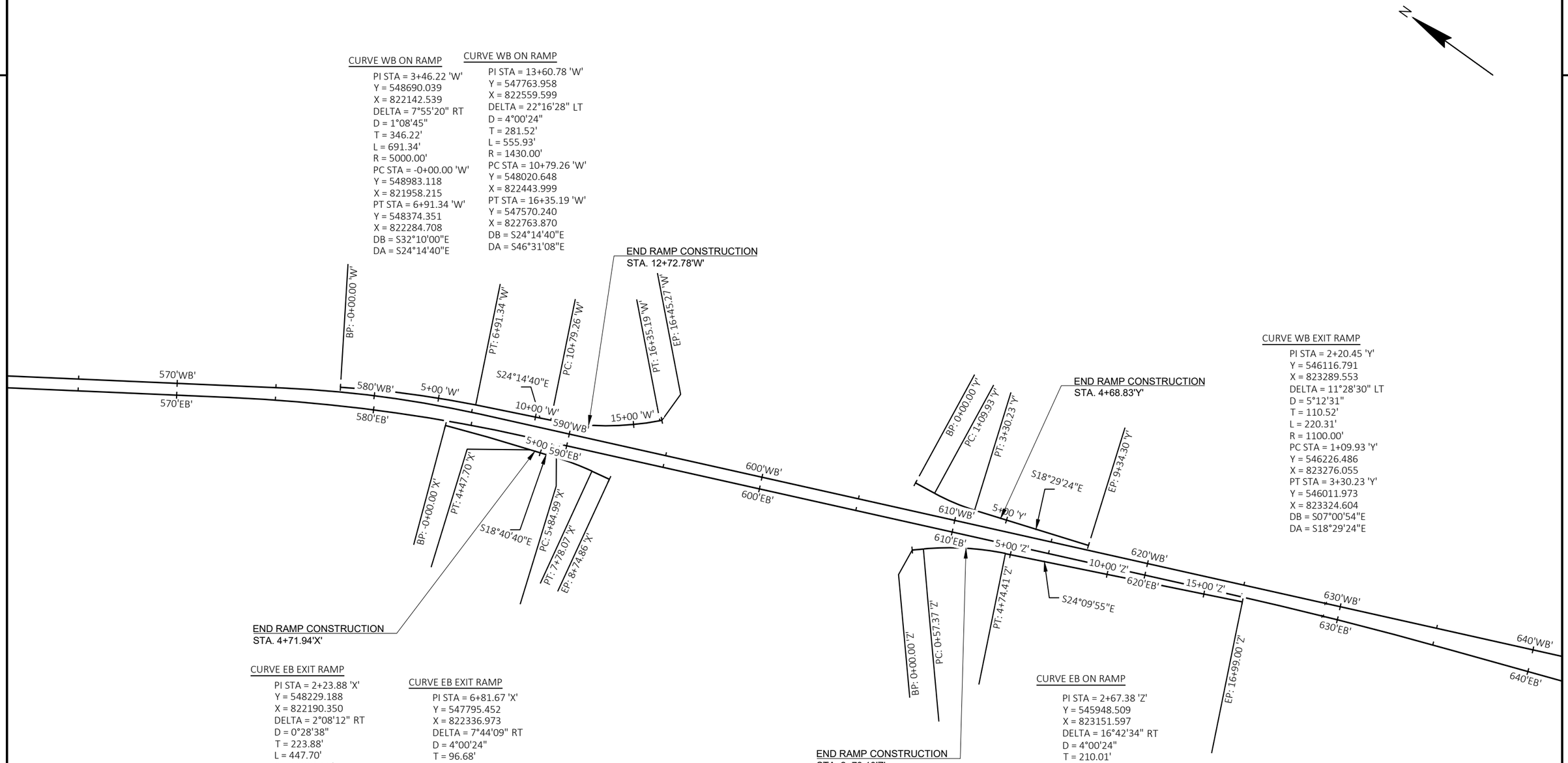
PLOT DATE : 7/31/2025 8:30 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT DATA	SHEET 76	E

2



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT DATA	SHEET 77	E

BEGIN CONSTRUCTION
STA 405+70.44'WB'
X= 812,079.02
Y= 563,026.07

C.P. 512
1000.906

C.P. #511
1000.375

406'WB' 408'WB' 410'WB' 412'WB' IH 39 NB/90/94 WB 414'WB' 416'WB' 418'WB' 420'WB'

406'EB' 408'EB' 410'EB' 412'EB' IH 39 SB/90/94 EB 414'EB' 416'EB' 418'EB' 420'EB'

C.P. #513
1000.083

C.P. #514
1000.043

BEGIN PROJECT
STA 405+70.46'EB'
X= 812,031.62
Y= 562,989.28

CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
511	812,215.821	562,912.565	CP/NAIL	1,000.375
512	812,168.569	562,967.533	CP/NAIL	1,000.906
513	812,107.239	562,830.891	CP/NAIL	1,000.083
514	812,157.647	562,765.395	CP/NAIL	1,000.043

MATCH LINE 420+25

422'WB' 424'WB' 426'WB' IH 39 NB/90/94 WB 428'WB' 430'WB' 432'WB' 434'WB'

422'EB' 424'EB' 426'EB' IH 39 SB/90/94 EB 428'EB' 430'EB' 432'EB' 434'EB'

MATCH LINE 435+50

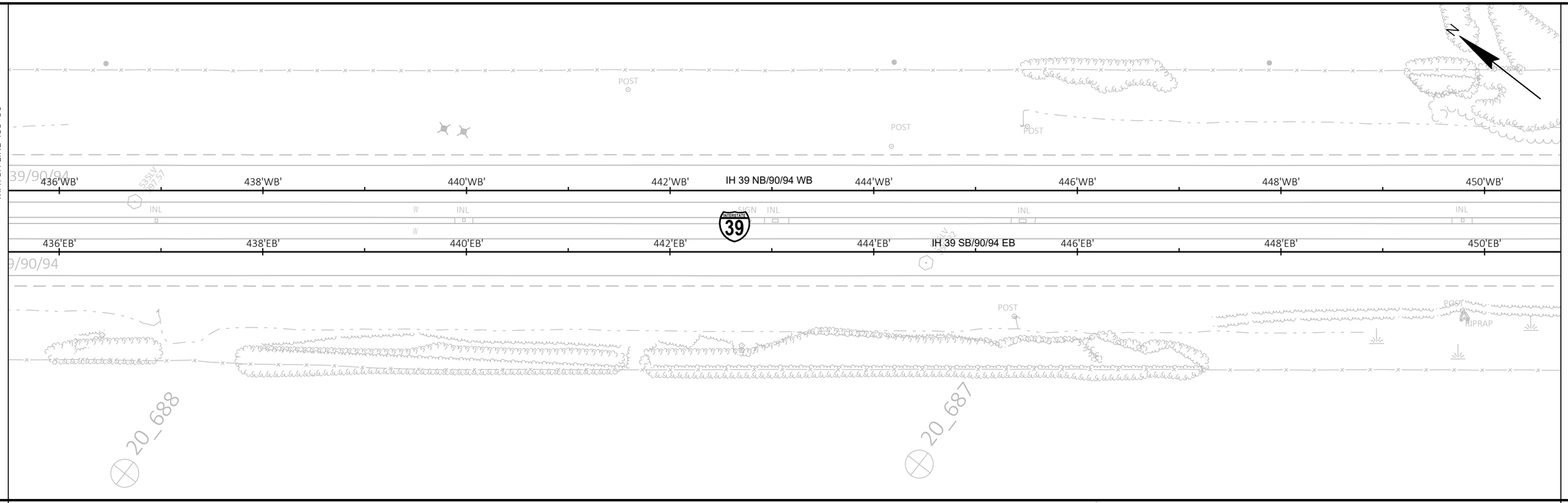
2

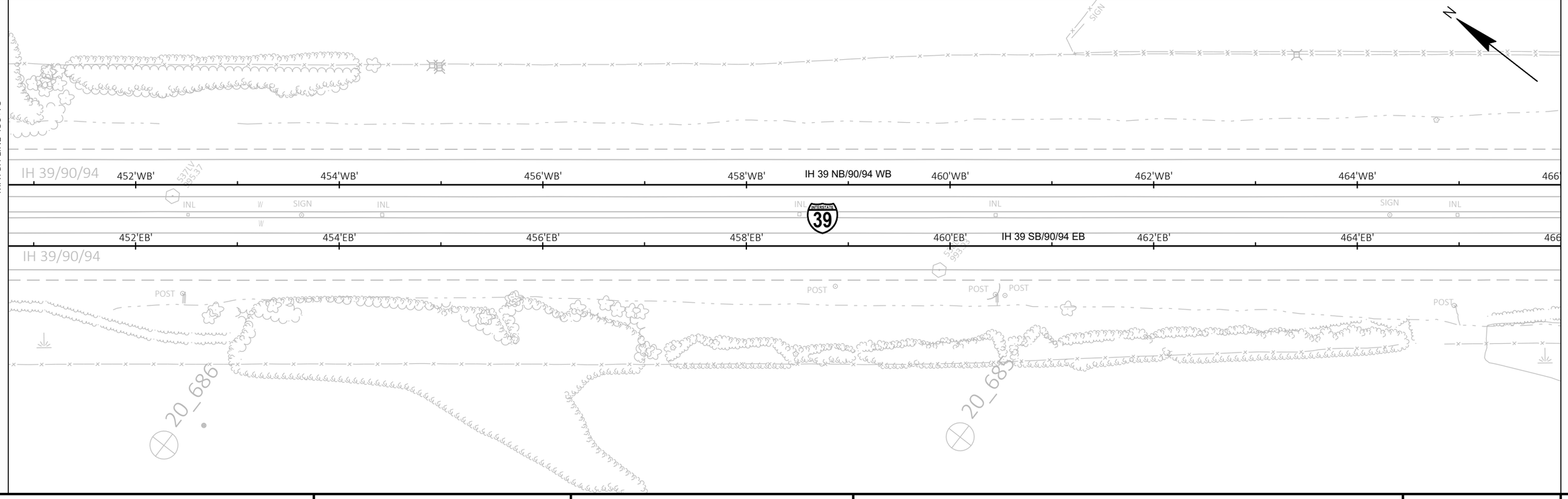
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 78	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 01
PLOT DATE : 4/15/2025 2:03 PM
PLOT BY : BRETT PETERSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 435+50





MATCH LINE 450+75

MATCH LINE 466+00

2

E

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 79

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 02

PLOT DATE : 3/14/2025 10:54 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 466+00

WIBU RD

PC: 470+96.98 'WB'

PT: 480+23.78 'WB'

IH 39 NB/90/94 WB

IH 39/90/94

468'WB' 470'WB' 472'WB' 474'WB' 476'WB' 478'WB' 480'WB'

IH 39 SB/90/94 EB

468'EB' 470'EB' 472'EB' 474'EB' 476'EB' 478'EB' 480'EB'

PC: 468+62.82 'EB'

20_684 20_683

MATCH LINE 481+25

2

MATCH LINE 481+25

STA BACK = 482+57.95 'WB'

STA AHEAD = 483+31.72 'WB'

19_710

IH 39/90/94

482'WB' 484'WB' 486'WB' 488'WB' 490'WB' 492'WB' 494'WB' 496'WB'

IH 39 NB/90/94 WB

IH 39 SB/90/94 EB

482'EB' 484'EB' 486'EB' 488'EB' 490'EB' 492'EB' 494'EB' 496'EB'

CTH DM

C.P. #504
997.052

C.P. #503
991.438

19_711 20_681 20_682

STA BACK = 482+52.86 'EB'

STA AHEAD = 483+31.72 'EB'

PT: 483+31.72 'EB'

MATCH LINE 497+25

CONTROL POINTS

NO.	X	Y	DESCRIPTION	ELEVATION
503	817,080.367	556,175.228	CP/NAIL	991.438
504	817,480.257	555,974.163	CP/NAIL	997.052

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 80	E

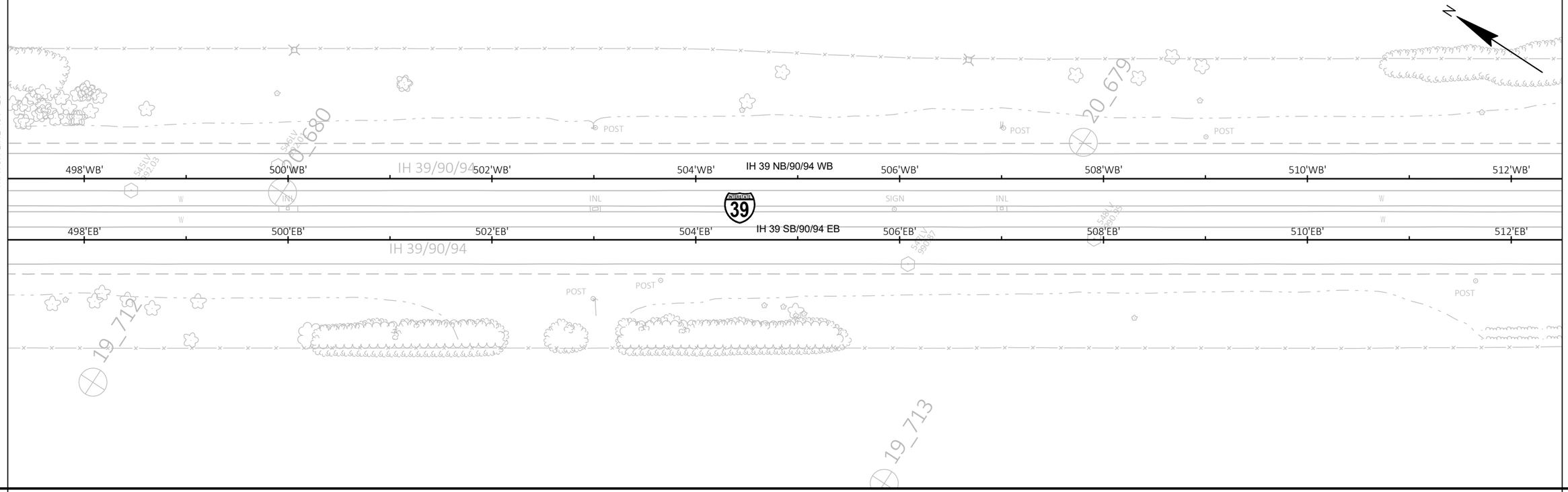
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 03

PLOT DATE : 4/15/2025 2:08 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

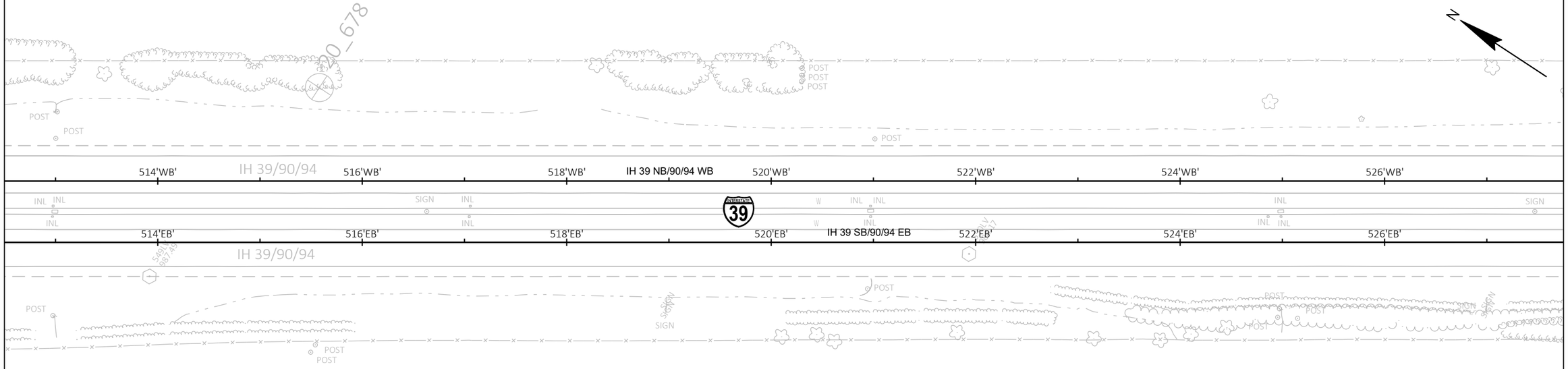
MATCH LINE 497+25



MATCH LINE 512+50

2

MATCH LINE 512+50



MATCH LINE 527+75

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 81	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 04

PLOT DATE : 3/14/2025 10:55 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE 527+75

528'WB' 530'WB' IH 39/90/94 532'WB' 534'WB' IH 39 NB/90/94 WB 536'WB' 538'WB' 540'WB' 542'WB'

528'EB' 530'EB' 532'EB' 534'EB' IH 39 SB/90/94 EB 536'EB' 538'EB' 540'EB' 542'EB'

IH 39/90/94

MATCH LINE 543+00

MATCH LINE 543+00

544'WB' 546'WB' IH 39/90/94 548'WB' 550'WB' IH 39 NB/90/94 WB 552'WB' 554'WB' 556'WB' 558'WB'

544'EB' 546'EB' 548'EB' IH 39 SB/90/94 550'EB' 552'EB' 554'EB' 556'EB' 558'EB'

IH 39/90/94

MATCH LINE 558+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 82	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 05

PLOT DATE : 3/14/2025 10:56 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 558+25

C.P. #510
986.424

C.P. #509
985.553

560'WB' 562'WB' 564'WB' IH 39 NB/90/94 WB 566'WB' 568'WB' 570'WB' 572'WB'

IH 39/90/94

560'EB' 562'EB' 564'EB' IH 39 SB/90/94 EB 566'EB' 568'EB' 570'EB' 572'EB'

IH 39/90/94

C.P. #515
986.087

C.P. #516
985.294

C.P. #505
985.276

PC: 572+72.06 'EB'

MATCH LINE 573+50

2

CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
505	821,366.582	549,587.092	CP/NAIL	985.276
509	821,176.801	550,216.938	CP/NAIL	985.553
510	821,137.280	550,279.125	CP/NAIL	986.424
515	821,062.489	550,145.955	CP/NAIL	986.087
516	821,099.391	550,089.146	CP/NAIL	985.294

MATCH LINE 573+50

PC: 575+31.72 'WB'

BP: -0+00.00 'W'

574'WB' 576'WB' 578'WB' 580'WB' IH 39 NB/90/94 WB 582'WB' 584'WB' 586'WB' 588'WB'

IH 39/90/94

574'EB' 576'EB' 578'EB' 580'EB' IH 39 SB/90/94 EB 582'EB' 584'EB' 586'EB' 588'EB'

IH 39/90/94

2'W' 4'W' 6'W' 8'W' 10'W'

PT: 6+91.34 'W'

PT: 585+44.26 'WB'

STA BACK = 588+02.89'WB'

STA AHEAD = 587+96.05 'WB'

2'X'

4'X'

BP: -0+00.00 'X'

STA BACK = 587+90.94'EB'

STA AHEAD = 587+96.05 'EB'

PT: 587+96.05 'EB'

PT: 4+47.70 'X'

END RAMP CONSTRUCTION
STA 4+71.94'X'

MATCH LINE 588+75

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 83	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 06

PLOT DATE : 4/15/2025 2:21 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
507	822,697.961	547,018.458	CP/NAIL	942.508
508	822,983.352	546,756.785	CP/NAIL	938.598

MATCH LINE 588+75

END RAMP CONSTRUCTION
STA 12+72.78'W'

PC: 10+79.26 'W'

12'W'
14'W'
16'W'

590'WB' 592'WB' 594'WB' IH 39 NB/90/94 WB 596'WB' 598'WB' 600'WB' 602'WB' 604

590'EB' 592'EB' 594'EB' IH 39 SB/90/94 EB 596'EB' 598'EB' 600'EB' 602'EB' 604

IH 39/90/94

C.P. #508
938.598

C.P. #507
942.508

6'X'
8'X'

PC: 5+84.99 'X'
PI: 7+78.07 'X'
EP: 8+74.86 'X'

PC: 0+00.00 'Y'
PC: 0+51.37 'Y'
PT: 3+30.23

END RAMP CONSTRUCTION
STA 4+68.83'Y'

2'Y'
4'Y'
6'Y'
8'Y'

EP: 9+34.30 'Y'

MATCH LINE 604+00

606'WB' 608'WB' IH 39 NB/90/94 WB 610'WB' 612'WB' 614'WB' 616'WB' 618'WB'

606'EB' 608'EB' IH 39 SB/90/94 EB 610'EB' 612'EB' 614'EB' 616'EB' 618'EB'

IH 39/90/94

2'Z'
4'Z'
6'Z'
8'Z'
10'Z'

END RAMP CONSTRUCTION
STA 2+73.10'Z'

PC: 0+00.00 'Z'
PC: 0+51.37 'Z'
PT: 4+74.41 'Z'

MATCH LINE 619+25

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 84	E

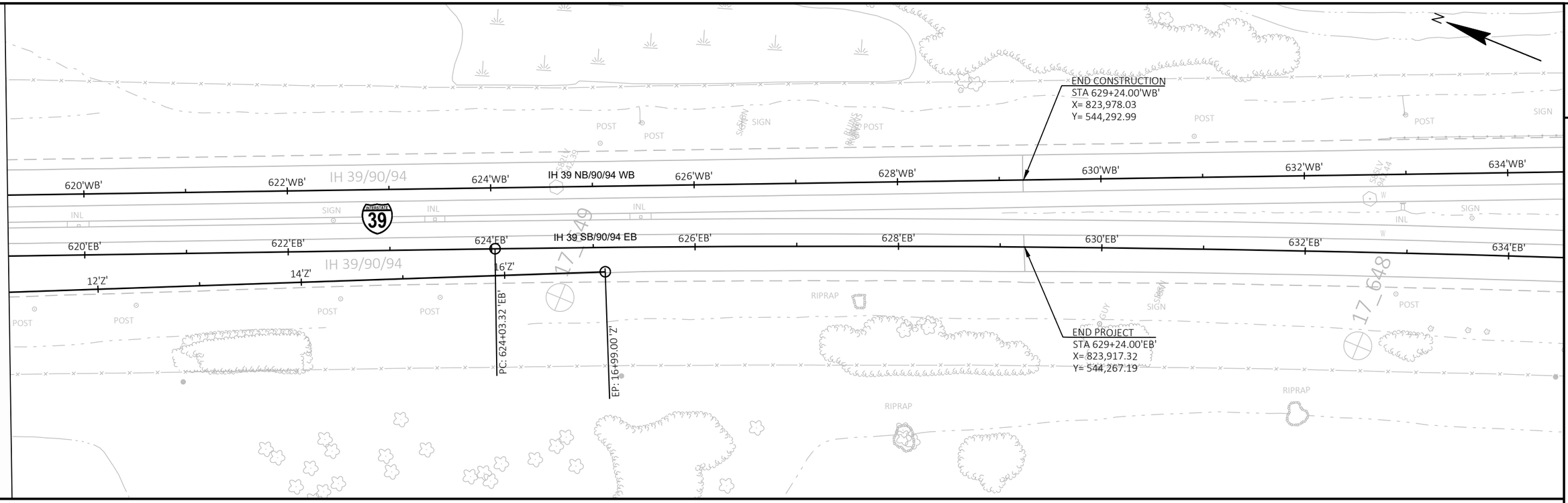
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LAYOUT NAME - 07

PLOT DATE : 4/15/2025 2:27 PM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 619+25



2

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	ALIGNMENT LAYOUT - SURVEY CONTROL	SHEET 85	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\027202-AL-SC.DWG
LAYOUT NAME - 08

PLOT DATE : 3/14/2025 10:57 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

Estimate Of Quantities

1011-01-70

Line	Item	Item Description	Unit	Total	Qty
0002	201.0205	Grubbing	STA	14.000	14.000
0004	201.0220	Grubbing	ID	6.000	6.000
0006	204.0105	Removing Concrete Pavement Butt Joints	SY	3,032.000	3,032.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	3,024.000	3,024.000
0010	204.0126.S	Removing Asphaltic Longitudinal Notched Wedge Joint Milling	LF	44,557.000	44,557.000
0012	208.0100	Borrow	CY	333.000	333.000
0014	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 1011-01-70	EACH	1.000	1.000
0016	213.0100	Finishing Roadway (project) 01. 1011-01-70	EACH	1.000	1.000
0018	305.0110	Base Aggregate Dense 3/4-Inch	TON	6,340.000	6,340.000
0020	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	214.000	214.000
0022	390.0100	Removing Pavement for Base Patching	CY	1,251.000	1,251.000
0024	390.0405	Base Patching Concrete SHES	CY	1,251.000	1,251.000
0026	416.0610	Drilled Tie Bars	EACH	2,445.000	2,445.000
0028	416.0620	Drilled Dowel Bars	EACH	1,914.000	1,914.000
0030	455.0605	Tack Coat	GAL	36,755.000	36,755.000
0032	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0034	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000
0036	460.0115.S	HMA Pavement Test Strip Volumetrics	EACH	2.000	2.000
0038	460.0120.S	HMA Pavement Test Strip Density	EACH	2.000	2.000
0040	460.2000	Incentive Density HMA Pavement	DOL	40,000.000	40,000.000
0042	460.2005	Incentive Density PWL HMA Pavement	DOL	40,000.000	40,000.000
0044	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	17,880.000	17,880.000
0046	460.2010	Incentive Air Voids HMA Pavement	DOL	64,670.000	64,670.000
0048	460.7424	HMA Pavement 4 HT 58-28 H	TON	32,336.000	32,336.000
0050	460.8624	HMA Pavement 4 SMA 58-28 V	TON	34,305.000	34,305.000
0052	460.9000.S	Material Transfer Vehicle	EACH	1.000	1.000
0054	465.0510	Asphaltic Rumble Strips, Shoulder Divided Roadway	LF	86,690.000	86,690.000
0056	611.8115	Adjusting Inlet Covers	EACH	31.000	31.000
0058	614.2300	MGS Guardrail 3	LF	450.000	450.000
0060	614.2610	MGS Guardrail Terminal EAT	EACH	1.000	1.000
0062	614.2620	MGS Guardrail Terminal Type 2	EACH	1.000	1.000
0064	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1011-01-70	EACH	1.000	1.000
0066	619.1000	Mobilization	EACH	1.000	1.000
0068	624.0100	Water	MGAL	98.600	98.600
0070	625.0500	Salvaged Topsoil	SY	4,144.000	4,144.000
0072	628.1504	Silt Fence	LF	13,566.000	13,566.000
0074	628.1520	Silt Fence Maintenance	LF	13,566.000	13,566.000
0076	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000
0078	628.1910	Mobilizations Emergency Erosion Control	EACH	6.000	6.000
0080	628.2002	Erosion Mat Class I Type A	SY	8,820.000	8,820.000
0082	628.7010	Inlet Protection Type B	EACH	28.000	28.000
0084	628.7020	Inlet Protection Type D	EACH	7.000	7.000
0086	629.0210	Fertilizer Type B	CWT	16.200	16.200
0088	630.0120	Seeding Mixture No. 20	LB	449.000	449.000
0090	630.0500	Seed Water	MGAL	139.400	139.400
0092	642.5201	Field Office Type C	EACH	1.000	1.000
0094	643.0300	Traffic Control Drums	DAY	83,714.000	83,714.000
0096	643.0420	Traffic Control Barricades Type III	DAY	6,302.000	6,302.000
0098	643.0705	Traffic Control Warning Lights Type A	DAY	12,604.000	12,604.000

Estimate Of Quantities

1011-01-70

Line	Item	Item Description	Unit	Total	Qty
0100	643.0715	Traffic Control Warning Lights Type C	DAY	15,507.000	15,507.000
0102	643.0800	Traffic Control Arrow Boards	DAY	374.000	374.000
0104	643.0900	Traffic Control Signs	DAY	8,555.000	8,555.000
0106	643.0920	Traffic Control Covering Signs Type II	EACH	60.000	60.000
0108	643.1050	Traffic Control Signs PCMS	DAY	230.000	230.000
0110	643.1205.S	Basic Traffic Queue Warning System	DAY	177.000	177.000
0112	643.3165	Temporary Marking Line Paint 6-Inch	LF	222,843.000	222,843.000
0114	643.3265	Temporary Marking Line Paint 10-Inch	LF	7,833.000	7,833.000
0116	643.5000	Traffic Control	EACH	1.000	1.000
0118	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	22,279.000	22,279.000
0120	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	111,422.000	111,422.000
0122	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	3,917.000	3,917.000
0124	646.7220	Marking Chevron Epoxy 24-Inch	LF	287.000	287.000
0126	650.4500	Construction Staking Subgrade	LF	614.000	614.000
0128	650.5000	Construction Staking Base	LF	614.000	614.000
0130	650.8000	Construction Staking Resurfacing Reference	LF	44,557.000	44,557.000
0132	650.9911	Construction Staking Supplemental Control (project) 01. 1011-01-70	EACH	1.000	1.000
0134	650.9920	Construction Staking Slope Stakes	LF	44,557.000	44,557.000
0136	690.0250	Sawing Concrete	LF	10,241.000	10,241.000
0138	740.0440	Incentive IRI Ride	DOL	50,660.000	50,660.000
0140	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	6,480.000	6,480.000
0142	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,100.000	2,100.000
0144	SPV.0060	Special 01. Removing Barrier Wall Lip	EACH	2.000	2.000
0146	SPV.0060	Special 02. Crash Cushion Noses Cover Chevron	EACH	2.000	2.000
0148	SPV.0060	Special 03. Verify Landmark Reference Monuments	EACH	2.000	2.000
0150	SPV.0090	Special 01. Concrete Joint And Crack Cleaning	LF	11,151.000	11,151.000

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GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0205 GRUBBING STA	201.0220 GRUBBING ID	REMARKS
0010	452+00	-	457+00	IH 39 EB, RT	5	-	SEE REMOVAL DETAILS
0010	490+00	-	492+00	IH 39 EB, RT	2	-	SEE REMOVAL DETAILS
0010	493+00	-	495+00	IH 39 EB, RT	2	-	SEE REMOVAL DETAILS
0010	536+00	-	538+00	IH 39 EB, RT	2	-	SEE REMOVAL DETAILS
0010	450+00	-	452+00	IH 39 WB, LT	2	-	SEE REMOVAL DETAILS
0010	560+00	-	561+00	IH 39 WB, LT	1	-	SEE REMOVAL DETAILS
0010	617+70	-	617+70	IH 39 WB, LT	-	6	SEE REMOVAL DETAILS
				TOTAL 0010	14	6	

REMOVING BUTT JOINTS

CATEGORY	STATION	LOCATION	204.0105 REMOVING CONCRETE PAVEMENT BUTT JOINTS SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	REMARKS
0010	405+70.46	IH 39 EB	-	1,334	BEGIN PROJECT
0010	629+24	IH 39 EB	667	-	END PROJECT
0010	407+39	IH 39 EB, LT	261	-	SEE CONSTRUCTION DETAIL - CRASH CUSHION
0010	563+62	IH 39 EB, LT	278	-	SEE CONSTRUCTION DETAIL - CRASH CUSHION
0010	405+70.44	IH 39 WB	-	1,334	BEGIN PROJECT
0010	629+24	IH 39 WB	667	-	END PROJECT
0010	407+39	IH 39 WB, RT	227	-	SEE CONSTRUCTION DETAIL - CRASH CUSHION
0010	563+62	IH 39 WB, RT	264	-	SEE CONSTRUCTION DETAIL - CRASH CUSHION
0010	4+71.94	X' EB OFF RAMP AT CTH V	167	89	END RAMP CONSTRUCTION
0010	2+73.10	Z' EB ON RAMP AT CTH V	167	89	END RAMP CONSTRUCTION
0010	4+68.83	Y' WB OFF RAMP AT CTH V	167	89	END RAMP CONSTRUCTION
0010	12+72.78	W' WB ON RAMP AT CTH V	167	89	END RAMP CONSTRUCTION
		TOTAL 0010	3,032	3,024	

REMOVING ASPHALTIC LONGITUDINAL NOTCHED WEDGE JOINT MILLING

CATEGORY	STATION	TO	STATION	LOCATION	204.0126.S REMOVING ASPHALTIC LONGITUDINAL NOTCHED WEDGE JOINT MILLING LF
0010	405+70.46	-	629+24	IH 39 EB	22,270
0010	405+70.44	-	629+24	IH 39 WB	22,287
				TOTAL 0010	44,557

PREPARE FOUNDATION

CATEGORY	STATION	TO	STATION	LOCATION	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (01. 1011-01-70) EACH
0010	405+70.46	-	629+24.00	1011-01-70	1
				TOTAL 0010	1

EARTHWORK SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	(1) 205.0100 EXCAVATION COMMON CY	(2) EBS EXCAVATION CY	(4) SALVAGED/ UNUSABLE PAVEMENT MATERIAL	(5) AVAILABLE MATERIAL	UNEXPANDED FILL	(6) EXPANDED FILL FACTOR 1.25	(7) MASS ORDINATE +/- (3)	WASTE (4)	(8) 208.0100 BORROW CY
0010	405+70.46	-	629+24.00	IH 39 EB	0	0	0	0	179	224	-224	0	224
0010	0+00.00	-	4+71.94	EB OFF RAMP 'X'	0	0	0	0	2	3	-3	0	3
0010	2+73.10	-	16+99.00	EB ON RAMP 'Z'	0	0	0	0	68	85	-85	0	85
0010	405+70.44	-	629+24.00	IH 39 WB	0	0	0	0	0	0	0	0	0
0010	0+00.00	-	12+72.78	WB ON RAMP 'W'	0	0	0	0	14	18	-18	0	18
0010	4+68.83	-	9+34.30	WB OFF RAMP 'Y'	0	0	0	0	2	3	-3	0	3
				TOTAL 0010	0	0	0	0	265	333	-333	0	333

(1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. BID ITEM NUMBER 205.0100
(2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION = 10% OF CUT. EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN
(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
(6) EXPANDED FILL = (UNEXPANDED)*(EXPANDED FILL FACTOR)
(7) MASS ORDINATE = (AVAILABLE MATERIAL - EXPANDED FILL). PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL. MINUS INDICATES SHORTAGE OF MATERIAL.
(8) TOTAL BORROW = BORROW - WASTE

BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	624.0100 WATER MGAL
0010	405+70.46	-	482+52.86	IH 39 EB, RT	997	-	15.0
0010	483+31.72	-	587+90.94	IH 39 EB, RT	1,292	-	19.4
0010	587+96.05	-	629+24.00	IH 39 EB, RT	329	-	4.9
0010	0+57.75	-	4+71.94	RAMP X	76	-	1.1
0010	2+73.10	-	14+52.83	RAMP Z	215	-	3.2
0010	553+64.91	-	558+68.00	IH 39 EB, RT (GUARDRAIL)	158	203	5.4
0010	405+70.44	-	482+57.95	IH 39 WB, LT	998	-	15.0
0010	483+31.72	-	588+02.89	IH 39 WB, LT	1,358	-	20.4
0010	587+96.05	-	629+24.00	IH 39 WB, LT	347	-	5.2
0010	1+59.52	-	12+72.78	RAMP W	203	-	3.0
0010	4+68.83	-	8+16.30	RAMP Y	65	-	1.0
0010		-		UNDISTRIBUTED	302	11	5.0
				TOTAL 0010	6,340	214	98.6

BASE PATCHING

CATEGORY	STATION	TO	STATION	LOCATION	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0405 BASE PATCHING CONCRETE SHES CY
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE & CENTER LANE	3	3
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE & CENTER LANE	23	23
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE & CENTER LANE	0	0
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE LANE	12	12
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE LANE	47	47
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE LANE	3	3
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE SHOULDER	75	75
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE SHOULDER	243	243
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE SHOULDER	0	0
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE SHOULDER	3	3
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE SHOULDER	9	9
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE SHOULDER	4	4
0010	0+00.00	-	4+16.42	CTH V EB OFF RAMP 'X'	0	0
0010	4+16.42	-	4+71.94	CTH V EB OFF RAMP 'X'	0	0
0010	2+73.10	-	3+33.52	CTH V EB ON RAMP 'Z'	0	0
0010	3+33.52	-	16+99.00	CTH V EB ON RAMP 'Z'	0	0
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE & CENTER LANE	10	10
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE & CENTER LANE	78	78
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE & CENTER LANE	37	37
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE LANE	63	63
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE LANE	16	16
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE LANE	18	18
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE SHOULDER	320	320
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE SHOULDER	86	86
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE SHOULDER	47	47
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE SHOULDER	3	3
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE SHOULDER	28	28
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE SHOULDER	9	9
0010	4+68.83	-	5+11.52	CTH V WB OFF RAMP 'Y'	0	0
0010	5+11.52	-	9+34.30	CTH V WB OFF RAMP 'Y'	0	0
0010	0+00.00	-	12+11.14	CTH V WB ON RAMP 'W'	0	0
0010	12+11.14	-	12+72.78	CTH V WB ON RAMP 'W'	0	0
				UNDISTRIBUTED	114	114
				TOTAL 0010	1,251	1,251

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DRILLED BARS

CATEGORY	STATION	TO	STATION	LOCATION	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE & CENER LANE	0	16
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE & CENTER LANE	0	80
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE & CENTER LANE	0	0
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE LANE	0	64
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE LANE	0	168
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE LANE	0	16
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE SHOULDER	202	96
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE SHOULDER	657	224
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE SHOULDER	0	0
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE SHOULDER	0	14
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE SHOULDER	8	28
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE SHOULDER	0	14
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE & CENTER LANE	0	32
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE & CENTER LANE	64	208
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE & CENTER LANE	40	96
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE LANE	14	224
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE LANE	0	80
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE LANE	0	64
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE SHOULDER	862	32
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE SHOULDER	220	80
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE SHOULDER	120	64
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE SHOULDER	0	14
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE SHOULDER	24	98
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE SHOULDER	12	28
				CTH V RAMPS	0	0
				UNDISTRIBUTED	222	174
				TOTAL 0010	2,445	1,914

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HMA PERCENT WITHIN LIMITS

CATEGORY	STATION	TO	STATION	LOCATION	460.0105.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	460.0110.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH	460.0115.S HMA PAVEMENT TEST STRIP VOLUMETRICS EACH	460.0120.S HMA PAVEMENT TEST STRIP DENSITY EACH
0010	405+70.46	-	629+24.00	IH 39 EB	1	1	1	1
0010	405+70.44	-	629+24.00	IH 39 WB	1	1	1	1
				TOTAL 0010	2	2	2	2

PWL MIXTURE USE TABLE

LOCATION	STATION	TO	STATION	ROADWAY	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS (INCHES)	QUALITY MANAGEMENT PROGRAM TO BE USED FOR MIXTURE ACCEPTANCE	QUALITY MANAGEMENT PROGRAM TO BE USED FOR DENSITY ACCEPTANCE
THREE 12' DRIVING LANES	405+70.46	-	629+24.00	IH 39 EB	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	9980	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
THREE 12' DRIVING LANES	405+70.46	-	629+24.00	IH 39 EB	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	9980	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
THREE 12' DRIVING LANES	405+70.44	-	629+24.00	IH 39 WB	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	9990	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
THREE 12' DRIVING LANES	405+70.44	-	629+24.00	IH 39 WB	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	9990	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
INSIDE SHOULDER	405+70.46	-	629+24.00	IH 39 EB	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	3880	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
INSIDE SHOULDER	405+70.46	-	629+24.00	IH 39 EB	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	2910	1.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
OUTSIDE SHOULDER	405+70.46	-	629+24.00	IH 39 EB	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	2770	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
OUTSIDE SHOULDER	405+70.46	-	629+24.00	IH 39 EB	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	2770	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
INSIDE SHOULDER	405+70.44	-	629+24.00	IH 39 WB	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	3880	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
INSIDE SHOULDER	405+70.44	-	629+24.00	IH 39 WB	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	2910	1.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
OUTSIDE SHOULDER	405+70.44	-	629+24.00	IH 39 WB	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	2750	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
OUTSIDE SHOULDER	405+70.44	-	629+24.00	IH 39 WB	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	2750	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
15' RAMP LANE	0+00.00	-	4+71.94	CTH V EB OFF RAMP 'X'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	80	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	0+00.00	-	4+71.94	CTH V EB OFF RAMP 'X'	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	80	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	2+73.10	-	16+99.00	CTH V EB ON RAMP 'Z'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	170	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	2+73.10	-	16+99.00	CTH V EB ON RAMP 'Z'	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	170	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	4+68.83	-	9+34.30	CTH V WB OFF RAMP 'Y'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	90	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	4+68.83	-	9+34.30	CTH V WB OFF RAMP 'Y'	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	90	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	0+00.00	-	12+72.78	CTH V WB ON RAMP 'W'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	190	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
15' RAMP LANE	0+00.00	-	12+72.78	CTH V WB ON RAMP 'W'	LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	190	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	PWL INCENTIVE DENSITY HMA PAVEMENT 460.2005
RAMP SHOULDERS	0+00.00	-	4+71.94	CTH V EB OFF RAMP 'X'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	0+00.00	-	4+71.94	CTH V EB OFF RAMP 'X'	LOWER LAYER	EXISTING HMA PAVEMENT	4 HT 58-28 H	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	2+73.10	-	16+99.00	CTH V EB ON RAMP 'Z'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	2+73.10	-	16+99.00	CTH V EB ON RAMP 'Z'	LOWER LAYER	EXISTING HMA PAVEMENT	4 HT 58-28 H	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	4+68.83	-	9+34.30	CTH V WB OFF RAMP 'Y'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	4+68.83	-	9+34.30	CTH V WB OFF RAMP 'Y'	LOWER LAYER	EXISTING HMA PAVEMENT	4 HT 58-28 H	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	0+00.00	-	12+72.78	CTH V WB ON RAMP 'W'	UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
RAMP SHOULDERS	0+00.00	-	12+72.78	CTH V WB ON RAMP 'W'	LOWER LAYER	EXISTING HMA PAVEMENT	4 HT 58-28 H	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
MAINTENANCE CROSSOVER	-	-	-		UPPER LAYER	4 HT 58-28 H	4 SMA 58-28 V	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
MAINTENANCE CROSSOVER	-	-	-		LOWER LAYER	EXISTING CONCRETE PAVEMENT	4 HT 58-28 H	0	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE

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ASPHALT PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.7424 HMA PAVEMENT 4 HT 58-28 H TON	460.8624 HMA PAVEMENT 4 SMA 58-28 V TON	460.9000.S MATERIAL TRANSFER VEHICLE EACH	REMARKS
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE LANE	1,230	1,148	1,148	-	STAGE 3A & 5A
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE LANE	1,674	1,563	1,563	-	STAGE 3A & 5A
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE LANE	661	617	617	-	STAGE 3A & 5A
0010	405+70.46	-	482+52.86	IH 39 EB, CENTER LANE	1,230	1,148	1,148	-	STAGE 3A & 5A
0010	483+31.72	-	587+90.94	IH 39 EB, CENTER LANE	1,674	1,562	1,562	-	STAGE 3A & 5A
0010	587+96.05	-	629+24.00	IH 39 EB, CENTER LANE	661	617	617	-	STAGE 3A & 5A
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE SHOULDER	1,435	1,005	1,339	-	STAGE 3A & 5A
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE SHOULDER	1,954	1,368	1,823	-	STAGE 3A & 5A
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE SHOULDER	771	540	720	-	STAGE 3A & 5A
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE LANE	1,229	1,148	1,148	-	STAGE 3B & 5B
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE LANE	1,673	1,562	1,562	-	STAGE 3B & 5B
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE LANE	666	621	621	-	STAGE 3B & 5B
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE SHOULDER	1,025	956	956	-	STAGE 3B & 5B
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE SHOULDER	1,393	1,300	1,300	-	STAGE 3B & 5B
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE SHOULDER	547	510	510	-	STAGE 3B & 5B
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE LANE	1,230	1,148	1,148	-	STAGE 4A & 6A
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE LANE	1,676	1,564	1,564	-	STAGE 4A & 6A
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE LANE	661	617	617	-	STAGE 4A & 6A
0010	405+70.44	-	482+57.95	IH 39 WB, CENTER LANE	1,231	1,149	1,149	-	STAGE 4A & 6A
0010	483+31.72	-	588+02.89	IH 39 WB, CENTER LANE	1,676	1,564	1,564	-	STAGE 4A & 6A
0010	587+96.05	-	629+24.00	IH 39 WB, CENTER LANE	661	617	617	-	STAGE 4A & 6A
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE SHOULDER	1,435	1,005	1,340	-	STAGE 4A & 6A
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE SHOULDER	1,954	1,368	1,824	-	STAGE 4A & 6A
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE SHOULDER	771	540	720	-	STAGE 4A & 6A
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE LANE	1,231	1,149	1,149	-	STAGE 4B & 6B
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE LANE	1,679	1,567	1,567	-	STAGE 4B & 6B
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE LANE	661	617	617	-	STAGE 4B & 6B
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE SHOULDER	1,026	957	957	-	STAGE 4B & 6B
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE SHOULDER	1,386	1,294	1,294	-	STAGE 4B & 6B
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE SHOULDER	535	500	500	-	STAGE 4B & 6B
0010	0+00.00	-	4+71.94	CTH V EB OFF RAMP 'X'	90	84	84	-	STAGE 3B & 5B
0010	2+73.10	-	16+99.00	CTH V EB ON RAMP 'Z'	185	172	172	-	STAGE 3B & 5B
0010	4+68.83	-	9+34.30	CTH V WB OFF RAMP 'Y'	95	89	89	-	STAGE 4B & 6B
0010	0+00.00	-	12+72.78	CTH V WB ON RAMP 'W'	205	192	192	-	STAGE 4B & 6B
0010	407+00.00	-	408+00.00	MAINTENANCE CROSSOVER	0	0	0	-	
0010	563+00.00	-	564+00.00	MAINTENANCE CROSSOVER	0	0	0	-	
				PROJECT 1011-01-70	-	-	-	1	
				UNDISTRIBUTED	544	478	507		
				TOTAL 0010	36,755	32,336	34,305	1	

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RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	465.0510 ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY LF	REMARKS
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE SHOULDER	7,680	
0010	483+31.72	-	582+72.00	IH 39 EB, OUTSIDE SHOULDER	9,937	
0010	587+96.05		611+44.00	IH 39 EB, OUTSIDE SHOULDER	2,348	
0010	619+10.00	-	629+24.00	IH 39 EB, OUTSIDE SHOULDER	1,012	
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE SHOULDER	7,683	
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE SHOULDER	10,461	
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE SHOULDER	4,128	
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE SHOULDER	7,689	
0010	483+31.72	-	584+00.00	IH 39 WB, OUTSIDE SHOULDER	10,095	
0010	590+10.00	-	612+50.00	IH 39 WB, OUTSIDE SHOULDER	2,238	
0010	618+00.00	-	629+24.00	IH 39 WB, OUTSIDE SHOULDER	1,135	
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE SHOULDER	7,687	
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE SHOULDER	10,469	
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE SHOULDER	4,128	
				TOTAL 0010	86,690	

INLET COVERS

CATEGORY	STATION	TO	STATION	LOCATION	611.8115 ADJUSTING INLET COVERS EACH	REMARKS
0010	405+70.46	-	629+24.00	IH 39 EB, LT	15	
0010	405+70.44	-	629+24.00	IH 39 WB, RT	16	
				TOTAL 0010	31	

GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH	REMARKS
0010	553+64.00	-	558+68.00	IH 39 EB, RT	450	1	1	
				TOTAL 0010	450	1	1	

RESTORATION

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0500 SEED WATER MGAL	REMARKS
0010	405+70.46	-	470+00.00	IH 39 EB, RT	1,343	2.6	72	22.4	
0010	470+00.00	-	530+00.00	IH 39 EB, RT	768	2.0	56	17.5	
0010	530+00.00	-	590+00.00	IH 39 EB, RT	1,239	2.3	64	19.9	
0010	590+00.00	-	629+24.00	IH 39 EB, RT	424	1.4	38	11.8	
0010	590+00.00	-	629+24.00	IH 39 EB, RT (GRUBBING LOCATION)	-	2.1	60	18.6	
0010	405+70.44	-	470+00.00	IH 39 WB, LT	-	1.1	31	9.6	
0010	470+00.00	-	530+00.00	IH 39 WB, LT	-	1.0	28	8.6	
0010	530+00.00	-	590+00.00	IH 39 WB, LT	165	1.2	34	10.6	
0010	590+00.00	-	629+24.00	IH 39 WB, LT	8	0.9	24	7.3	
0010	590+00.00	-	629+24.00	IH 39 WB, LT (GRUBBING LOCATION)	-	0.8	21	6.5	
0010	UNDISTRIBUTED			IH 39	197	0.8	21	6.6	
				TOTAL 0010	4,144	16.2	449	139.4	

EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2002 EROSION MAT CLASS I TYPE A SY	628.7010 INLET PROTECTION TYPE B EACH	628.7020 INLET PROTECTION TYPE D EACH	REMARKS
0010	405+70.46	-	629+24.00	IH 39 EB, RT	12,710	12,710	2	3	7,080	11	4	
0010	405+70.44	-	629+24.00	IH 39 WB, LT	210	210	2	3	1,320	14	2	
0010	UNDISTRIBUTED			IH 39	646	646	-	-	420	3	1	
				TOTAL 0010	13,566	13,566	4	6	8,820	28	7	

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TEMPORARY PAVMENT MARKINGS

CATEGORY	STATION	TO	STATION	LOCATION	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH LF	643.3265 TEMPORARY MARKING LINE PAINT 10-INCH LF	REMARKS
0010	405+70.46	-	629+24.00	EASTBOUND INNER SHOULDER, YELLOW	44,546	-	STAGE 3A & 5A
0010	405+70.46	-	629+24.00	EASTBOUND LANES, WHITE (SKIP)	22,268	-	STAGE 3A, 3B, 5A, 5B
0010	405+70.46	-	629+24.00	EASTBOUND OUTER SHOULDER, WHITE	40,752	-	STAGE 3B & 5B
0010	405+70.44	-	629+24.00	WESTBOUND INNER SHOULDER, YELLOW	44,568	-	STAGE 4A & 6A
0010	405+70.44	-	629+24.00	WESTBOUND LANES, WHITE (SKIP)	22,289	-	STAGE 4A, 4B, 6A, 6B
0010	405+70.44	-	629+24.00	WESTBOUND OUTER SHOULDER, WHITE	41,102	-	STAGE 4B & 6B
0010		-		EASTBOUND OFF RAMP CTH V	954	1,253	
0010		-		EASTBOUND ON RAMP CTH V	2868	2,620	
0010		-		WESTBOUND OFF RAMP CTH V	932	1,226	
0010		-		WESTBOUND ON RAMP CTH V	2564	2,734	
				TOTAL 0010	222,843	7,833	

PAVEMENT MARKINGS

CATEGORY	STATION	TO	STATION	LOCATION	646.2025 MARKING LINE GROOVED BLACK EPOXY 6-INCH LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH LF	646.7220 MARKING CHEVRON EPOXY 24-INCH LF	REMARKS
0010	405+70.46	-	629+24.00	EASTBOUND INNER SHOULDER, YELLOW	-	22,273	-	-	
0010	405+70.46	-	629+24.00	EASTBOUND LANES, WHITE/BLACK	11,134	11,134	-	-	
0010	405+70.46	-	629+24.00	EASTBOUND OUTER SHOULDER, WHITE	-	20,376	-	-	
0010	405+70.44	-	629+24.00	WESTBOUND INNER SHOULDER, YELLOW	-	22,284	-	-	
0010	405+70.44	-	629+24.00	WESTBOUND LANES, WHITE/BLACK	11,145	11,145	-	-	
0010	405+70.44	-	629+24.00	WESTBOUND OUTER SHOULDER, WHITE	-	20,551	-	-	
0010	0+00.00	-	4+71.94	EASTBOUND OFF RAMP 'X'	-	477	627	149	
0010	2+73.10	-	16+99.00	EASTBOUND ON RAMP 'Z'	-	1434	1,310	-	
0010	4+68.83	-	9+34.30	WESTBOUND OFF RAMP 'Y'	-	466	613	138	
0010	0+00.00	-	12+72.78	WESTBOUND ON RAMP 'W'	-	1282	1,367	-	
				TOTAL 0010	22,279	111,422	3,917	287	

TRAFFIC CONTROL

CATEGORY	STAGE	LOCATION	STAGE NUMBER OF DAYS	643.0300 TRAFFIC CONTROL DRUMS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C	643.0800 TRAFFIC CONTROL ARROW BOARDS	643.0900 TRAFFIC CONTROL SIGNS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II			643.1050 TRAFFIC CONTROL SIGNS PCMS	643.1205.S BASIC TRAFFIC QUEUE WARNING SYSTEM	REMARKS
			FYI	DAY	DAY	DAY	DAY	DAY	DAY	SIGNS	# CYCLES	EACH	DAY	DAY	
	STAGE 1A	STAGE 1A	9										7	9	PCMS EB 7 DAY PRE-WARNING
0010		STAGE 1A BASE PATCHING EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS)		2,889	306	612	306	18	261	0	0	0	0	0	
0010		STAGE 1A BASE PATCHING EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) NEAR ON RAMP		486	0	0	459	0	36	0	0	0	0	0	
0010		STAGE 1A BASE PATCHING EB ((CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) SPEED REDUCTION NEEDED		0	0	0	0	0	90	0	0	0	0	0	
0010		STAGE 1A BASE PATCHING EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) DROP OFF SIGNING (UNEVEN LANES)		0	9	18	0	0	27	0	0	0	0	0	
0010		STAGE 1A BASE PATCHING EB (CENTER LANE, INSIDE LANE, INSIDE SHOUDLER) FBS NEEDED		270	0	0	0	0	0	0	0	0	0	0	
	STAGE 1B	STAGE 1B	4											4	
0010		STAGE 1B BASE PATCHING EB (OUTSIDE LANE, SHOUDLER)		1,284	136	272	136	8	116	0	0	0	0	0	
0010		STAGE 1B BASE PATCHING EB (OUTSIDE LANE, SHOUDLER) NEAR ON RAMP		392	0	0	196	0	16	0	0	0	0	0	
0010		STAGE 1B BASE PATCHING EB (OUTSIDE LANE, SHOUDLER) SPEED REDUCTION NEEDED		0	0	0	0	0	40	0	0	0	0	0	
0010		STAGE 1B BASE PATCHING EB (OUTSIDE LANE, SHOUDLER) DROP OFF SIGNING (UNEVEN LANES)		0	4	8	0	0	12	0	0	0	0	0	
0010		STAGE 1B BASE PATCHING EB (OUTSIDE LANE, SHOUDLER) NEAR ON RAMP		124	0	0	32	0	8	0	0	0	0	0	
0010		STAGE 1B BASE PATCHING EB (CENTER LANE, INSIDE LANE, INSIDE SHOUDLER) FBS NEEDED		120	0	0	0	0	0	0	0	0	0	0	
	DETOUR STAGE 1B	DETOUR STAGE 1B	2												
0010		SEE DETOUR IH 39 SB &IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 1		96	8	16	0	0	4	0	0	0	9	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 1		94	12	24	0	0	6	5	2	10	15	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
	STAGE 2A	STAGE 2A	11										7	11	PCMS WB 7 DAY PRE-WARNING
0010		STAGE 2A BASE PATCHING WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS)		3,531	374	748	374	22	319	0	0	0	0	0	
0010		STAGE 2A BASE PATCHING WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) NEAR ON RAMP		594	0	0	561	0	44	0	0	0	0	0	
0010		STAGE 2A BASE PATCHING WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) SPEED REDUCTION NEEDED		0	0	0	0	0	110	0	0	0	0	0	
0010		STAGE 2A BASE PATCHING WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) DROP OFF SIGNING (UNEVEN LANES)		0	6	12	0	0	18	0	0	0	0	0	
0010		STAGE 2A BASE PATCHING EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDER) FBS NEEDED		330	0	0	0	0	0	0	0	0	0	0	
	STAGE 2B	STAGE 2B	5											5	
0010		STAGE 2B BASE PATCHING EB (CENTER LANE, OUTSIDE LANE, SHOULDER)		1,605	170	340	170	10	145	0	0	0	0	0	
0010		STAGE 2B BASE PATCHING EB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		490	0	0	245	0	20	0	0	0	0	0	
0010		STAGE 2B BASE PATCHING EB (OUTSIDE LANE, SHOULDER) SPEED REDUCTION NEEDED		0	0	0	0	0	50	0	0	0	0	0	
0010		STAGE 2B BASE PATCHING EB (OUTSIDE LANE, SHOULDER) DROP OFF SIGNING (UNEVEN LANES)		0	5	10	0	0	15	0	0	0	0	0	
0010		STAGE 2B BASE PATCHING EB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		155	0	0	40	0	10	0	0	0	0	0	
0010		STAGE 2B BASE PATCHING WB (OUTSIDE LANE, SHOULDER) FBS NEEDED		150	0	0	0	0	0	0	0	0	0	0	
	DETOUR STAGE 2B	DETOUR STAGE 2B	2												
0010		SEE DETOUR IH 39 NB &IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B & 6B) - DETAIL 1		86	8	16	0	0	4	0	0	0	9	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B & 6B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B &6B) - DETAIL 1		94	10	20	0	0	6	5	2	10	15	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B &6B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
	STAGE 3A	STAGE 3A	12											12	
0010		STAGE 3A 3" OVERLAY LOWER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS)		3,852	408	816	408	24	348	0	0	0	0	0	
0010		STAGE 3A 2" OVERLAY LOWER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) NEAR ON RAMP		648	0	0	612	0	100	0	0	0	0	0	
0010		STAGE 3A 2" OVERLAY LOWER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) SPEED REDUCTION NEEDED		0	0	0	0	0	120	0	0	0	0	0	
0010		STAGE 3A 2" OVERLAY LOWER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) DROP OFF SIGNING (UNEVEN LANES)		0	12	24	0	0	36	0	0	0	0	0	
0010		STAGE 3A 2" OVERLAY LOWER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) FBS NEEDED		360	0	0	0	0	0	0	0	0	0	0	
	STAGE 3B	STAGE 3B	10											10	
0010		STAGE 3B 2" OVERLAY LOWER EB (OUTSIDE LANE, SHOULDER)		3,210	340	680	340	20	290	0	0	0	0	0	
0010		STAGE 3B 2" OVERLAY LOWER EB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		980	0	0	490	0	40	0	0	0	0	0	
0010		STAGE 3B 2" OVERLAY LOWER EB (OUTSIDE LANE, SHOULDER) SPEED REDUCTION NEEDED		0	0	0	0	0	100	0	0	0	0	0	
0010		STAGE 3B 2" OVERLAY LOWER EB (OUTSIDE LANE, SHOULDER) DROP OFF SIGNING (UNEVEN LANES)		0	10	20	0	0	30	0	0	0	0	0	
0010		STAGE 3B 2" OVERLAY LOWER EB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		310	0	0	80	0	20	0	0	0	0	0	
0010		STAGE 3B 2" OVERLAY LOWER EB (OUTSIDE LANE, SHOULDER) FBS NEEDED		300	0	0	0	0	0	0	0	0	0	0	
	DETOUR STAGE 3B	DETOUR STAGE 3B	2												
0010		SEE DETOUR IH 39 SB &IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 1		96	8	16	0	0	4	0	0	0	9	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 1		94	12	24	0	0	6	5	2	10	15	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
		SUBTOTAL 0010		22,820	1,838	3,676	4,449	102	2,451		30		122	51	

TRAFFIC CONTROL

CATEGORY	STAGE	LOCATION	STAGE NUMBER OF DAYS	643.0300 TRAFFIC CONTROL DRUMS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C	643.0800 TRAFFIC CONTROL ARROW BOARDS	643.0900 TRAFFIC CONTROL SIGNS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II			643.1050 TRAFFIC CONTROL SIGNS PCMS	643.1205.S BASIC TRAFFIC QUEUE WARNING SYSTEM	REMARKS
			FYI	DAY	DAY	DAY	DAY	DAY	DAY	SIGNS	# CYCLES	EACH	DAY	DAY	
	STAGE 4A	STAGE 4A	11											11	
0010		STAGE 4A 3" OVERLAY LOWER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS)		3,531	374	748	374	22	319	0	0	0	0	0	
0010		STAGE 4A 2" OVERLAY LOWER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) NEAR ON RAMP		594	0	0	561	0	44	0	0	0	0	0	
0010		STAGE 4A 2" OVERLAY LOWER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) SPEED REDUCTION NEEDED		0	0	0	0	0	110	0	0	0	0	0	
0010		STAGE 4A 2" OVERLAY LOWER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) DROP OFF SIGNING (UNEVEN LANES)		0	11	22	0	0	33	0	0	0	0	0	
0010		STAGE 4A 2" OVERLAY LOWER WB (CENTER LANE, INSIDE LANE, INSIDE SHOUDLERS) FBS NEEDED		330	0	0	0	0	0	0	0	0	0	0	
	STAGE 4B	STAGE 4B	9											9	
0010		STAGE 4B 2" OVERLAY LOWER WB (OUTSIDE LANE, SHOUDLER)		2,889	306	612	306	18	261	0	0	0	0	0	
0010		STAGE 4B 2" OVERLAY LOWER WB (OUTSIDE LANE, SHOUDLER) NEAR ON RAMP		882	0	0	441	0	36	0	0	0	0	0	
0010		STAGE 4B 2" OVERLAY LOWER WB (OUTSIDE LANE, SHOUDLER) SPEED REDUCTION NEEDED		0	0	0	0	0	90	0	0	0	0	0	
0010		STAGE 4B 2" OVERLAY LOWER WB (OUTSIDE LANE, SHOUDLER) DROP OFF SIGNING (UNEVEN LANES)		0	9	18	0	0	27	0	0	0	0	0	
0010		STAGE 4B 2" OVERLAY LOWER WB (OUTSIDE LANE, SHOUDLER) NEAR ON RAMP		297	0	0	72	0	18	0	0	0	0	0	
0010		STAGE 4B 2" OVERLAY LOWER WB (OUTSIDE LANE, SHOULDER) FBS NEEDED		270	0	0	0	0	0	0	0	0	0	0	
	DETOUR STAGE 4B	DETOUR STAGE 4B	2												
0010		SEE DETOUR IH 39 NB &IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B & 6B) - DETAIL 1		86	8	16	0	0	4	0	0	0	9	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B & 6B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B &6B) - DETAIL 1		94	10	20	0	0	6	5	2	10	15	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B &6B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
	STAGE 5A	STAGE 5A	25											25	
0010		STAGE 5A 3" OVERLAY UPPER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS)		8,025	850	1,700	850	50	725	0	0	0	0	0	
0010		STAGE 5A 2" OVERLAY UPPER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) NEAR ON RAMP		1,350	0	0	1,275	0	100	0	0	0	0	0	
0010		STAGE 5A 2" OVERLAY UPPER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) SPEED REDUCTION NEEDED		0	0	0	0	0	250	0	0	0	0	0	
0010		STAGE 5A 2" OVERLAY UPPER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) DROP OFF SIGNING (UNEVEN LANES)		0	25	50	0	0	75	0	0	0	0	0	
0010		STAGE 5A 2" OVERLAY UPPER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) FBS NEEDED		750	0	0	0	0	0	0	0	0	0	0	
0010		STAGE 5A - DAYTIME SHOULDER CLOSURE	5	1,190	0	0	0	5	40	0	0	0	0	0	
	STAGE 5B	STAGE 5B	30											30	
0010		STAGE 5B 2" OVERLAY UPPER EB (OUTSIDE LANE, SHOULDER)		9,630	1,020	2,040	1,020	60	870	0	0	0	0	0	
0010		STAGE 5B 2" OVERLAY UPPER EB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		2,940	0	0	1,470	0	120	0	0	0	0	0	
0010		STAGE 5B 2" OVERLAY UPPER EB (OUTSIDE LANE, SHOULDER) SPEED REDUCTION NEEDED		0	0	0	0	0	300	0	0	0	0	0	
0010		STAGE 5B 2" OVERLAY UPPER EB (OUTSIDE LANE, SHOULDER) DROP OFF SIGNING (UNEVEN LANES)		0	30	60	0	0	90	0	0	0	0	0	
		STAGE 5B 2" OVERLAY UPPER EB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		930	0	0	240	0	60	0	0	0	0	0	
0010		STAGE 5B 2" OVERLAY UPPER EB (OUTSIDE LANE, SHOULDER) FBS NEEDED		900	0	0	0	0	0	0	0	0	0	0	
0010		STAGE 5B - DAYTIME SHOULDER CLOSURE	5	1,190	0	0	0	5	40	0	0	0	0	0	
	DETOUR STAGE 5B	DETOUR STAGE 5B	2												
0010		SEE DETOUR IH 39 SB &IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 1		96	8	16	0	0	4	0	0	0	9	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB OFF RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 1		94	12	24	0	0	6	5	2	10	15	0	
0010		SEE DETOUR IH 39 SB &IH 90/94 EB ON RAMP TO CTH V (STAGE 1B, 3B & 5B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
	STAGE 6A	STAGE 6A	29											29	
0010		STAGE 6A 3" OVERLAY UPPER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS)		9,309	986	1,972	986	58	841	0	0	0	0	0	
0010		STAGE 6A 2" OVERLAY UPPER EB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) NEAR ON RAMP		1,566	0	0	1,479	0	116	0	0	0	0	0	
0010		STAGE 6A 2" OVERLAY UPPER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) SPEED REDUCTION NEEDED		0	0	0	0	0	290	0	0	0	0	0	
0010		STAGE 6A 2" OVERLAY UPPER WB (CENTER LANE, INSIDE LANE, INSIDE SHOULDERS) DROP OFF SIGNING (UNEVEN LANES)		0	29	58	0	0	87	0	0	0	0	0	
0010		STAGE 6A 2" OVERLAY UPPER WB (CENTER LANE, INISDE LANE, INISDES SHOUDLERS) FBS NEEDED		870	0	0	0	0	0	0	0	0	0	0	
0010		STAGE 6A - DAYTIME SHOULDER CLOSURE	5	1,190	0	0	0	5	40	0	0	0	0	0	
	STAGE 6B	STAGE 6B	23											23	
0010		STAGE 6B 2" OVERLAY UPPER WB (OUTSIDE LANE, SHOULDER)		7,383	782	1,564	782	46	667	0	0	0	0	0	
0010		STAGE 6B 2" OVERLAY UPPER WB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		2,254	0	0	1,127	0	92	0	0	0	0	0	
0010		STAGE 6B 2" OVERLAY UPPER WB (OUTSIDE LANE, SHOULDER) SPEED REDUCTION NEEDED		0	0	0	0	0	230	0	0	0	0	0	
0010		STAGE 6B 2" OVERLAY UPPER WB (OUTSIDE LANE, SHOULDER) DROP OFF SIGNING (UNEVEN LANES)		0	23	46	0	0	69	0	0	0	0	0	
0010		STAGE 6B 2" OVERLAY UPPER WB (OUTSIDE LANE, SHOULDER) NEAR ON RAMP		713	0	0	184	0	46	0	0	0	0	0	
0010		STAGE 6B 2" OVERLAY UPPER WB (OUTISDE LANE, SHOULDER) FBS NEEDED		690	0	0	0	0	0	0	0	0	0	0	
0010		STAGE 6B - DAYTIME SHOULDER CLOSURE	5	1,190	0	0	0	5	40	0	0	0	0	0	
	DETOUR STAGE 6B	DETOUR STAGE 6B	2												
0010		SEE DETOUR IH 39 NB &IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B & 6B) - DETAIL 1		86	8	16	0	0	4	0	0	0	9	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB OFF RAMP TO CTH V (STAGE 2B, 4B & 6B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B &6B) - DETAIL 1		94	10	20	0	0	6	5	2	10	15	0	
0010		SEE DETOUR IH 39 NB &IH 90/94 WB ON RAMP TO CTH V (STAGE 2B, 4B &6B) - DETAIL 2		30	0	0	0	0	0	0	0	0	6	0	
		SUBTOTAL 0010		61,593	4,501	9,002	11,167	274	6,156		30		108	127	
		TOTAL 0010		84,413	6,339	12,678	15,616	376	8,607		60		230	178	

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BASIC TRAFFIC QUEUE WARNING SYSTEM (QWS ITEM 643.1205.S)				
LOCATION	STAGE	FLASHING BEACON SIGNS (FBS)	PORTABLE TRAFFIC SENSORS (PTS)	BASIC QUEUE WARNING SYSTEM (DAY)
IH 39 EB	1	6	5	13
IH 39 WB	2	6	5	16
IH 39 EB	3	6	5	22
IH 39 WB	4	6	5	20
IH 39 EB	5	6	5	55
IH 39 WB	6	6	5	52

* THESE ITEMS ARE PART OF THE QWS AND ARE PAID FOR ONE COMPLETE SYSTEM PER ROADWAY

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CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 1011-01-70) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
0010	405+70.46	-	629+24.00	IH 39 EB	-	-	22,270	1	22,270	SLOPE STAKES REQUIRED ON OUTSIDE SLOPES
0010	552+60.84	-	558+74.68	IH 39 EB	614	614	-	-	-	GUARDRAIL LOCATION
0010	405+70.44	-	629+24.00	IH 39 WB	-	-	22,287	-	22,287	SLOPE STAKES REQUIRED ON OUTSIDE SLOPES
				TOTAL 0010	614	614	44,557	1	44,557	

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SAWING CONCRETE

CATEGORY	STATION	TO	STATION	LOCATION	690.0250 SAWING CONCRETE LF	REMARKS
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE & CENTER LANE	36	
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE & CENTER LANE	217	
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE & CENTER LANE	0	
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE LANE	144	
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE LANE	445	
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE LANE	36	
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE SHOULDER	650	
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE SHOULDER	1,974	
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE SHOULDER	0	
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE SHOULDER	30	
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE SHOULDER	75	
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE SHOULDER	35	
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE & CENTER LANE	88	
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE & CENTER LANE	648	
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE & CENTER LANE	300	
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE LANE	606	
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE LANE	188	
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE LANE	170	
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE SHOULDER	2,204	
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE SHOULDER	700	
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE SHOULDER	408	
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE SHOULDER	29	
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE SHOULDER	251	
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE SHOULDER	76	
				UNDISTRIBUTED	931	
				TOTAL 0010	10,241	

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REMOVING BARRIER WALL LIP

CATEGORY	STATION	LOCATION	SPV.0060.01 (01. REMOVING BARRIER WALL LIP) EACH	REMARKS
0010	406+57	IH 39 EB, LT	1	
0010	406+57	IH 39 WB, RT	1	
		TOTAL 0010	2	

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CRASH CUSHION NOSE COVER CHEVRON

CATEGORY	STATION	LOCATION	SPV.0060.02 (02. CRASH CUSHION NOSES COVER CHEVRON) EACH	REMARKS
0010	407+25	IH 39 EB, LT	1	
0010	407+54	IH 39 EB, LT	1	
		TOTAL 0010	2	

MONUMENTS

CATEGORY	STATION	LOCATION	SPV.0060.03 SPECIAL (03. VERIFY LANDMARK REFERENCE MONUMENTS) EACH	REMARKS
0010	475+80	IH 39 EB, RT	1	T9N R9E SW CORNER SECTION 2, 3, 10, 11
0010	571+55	IH 39 WB, LT	1	T9N R9E W CORNER SECTION 13
		TOTAL 0010	2	

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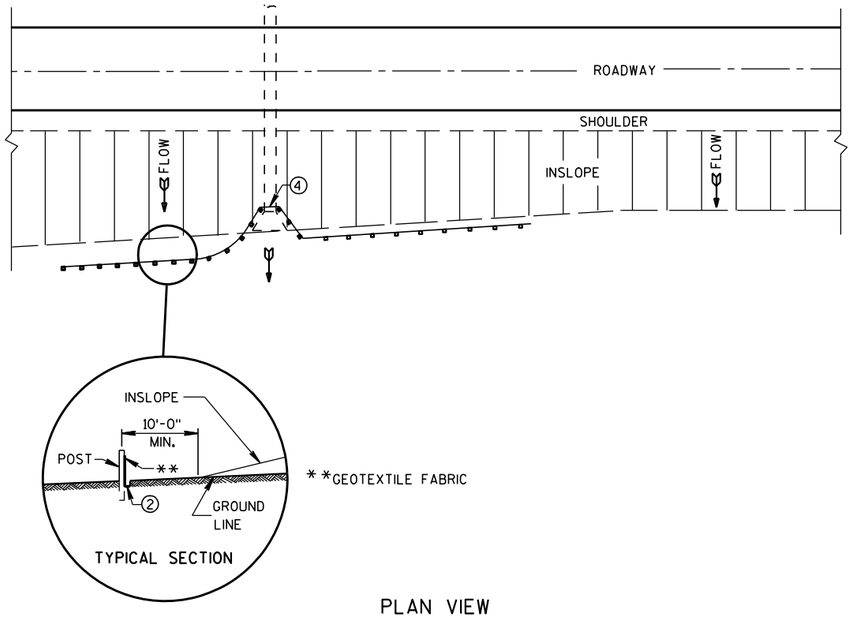
JOINT AND CRACK CLEANING

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.01 SPECIAL (01. CONCRETE JOINT AND CRACK CLEANING) LF	REMARKS
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE & CENTER LANE	769	USING 5% OF LENGTH
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE & CENTER LANE	1,046	USING 5% OF LENGTH
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE & CENTER LANE	413	USING 5% OF LENGTH
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE & CENTER LANE	769	USING 5% OF LENGTH
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE & CENTER LANE	1,048	USING 5% OF LENGTH
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE & CENTER LANE	413	USING 5% OF LENGTH
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE LANE	385	USING 5% OF LENGTH
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE LANE	523	USING 5% OF LENGTH
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE LANE	207	USING 5% OF LENGTH
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE LANE	385	USING 5% OF LENGTH
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE LANE	524	USING 5% OF LENGTH
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE LANE	207	USING 5% OF LENGTH
0010	405+70.46	-	482+52.86	IH 39 EB, INSIDE SHOULDER	385	USING 5% OF SHOULDER LENGTH
0010	483+31.72	-	587+90.94	IH 39 EB, INSIDE SHOULDER	523	USING 5% OF SHOULDER LENGTH
0010	587+96.05	-	629+24.00	IH 39 EB, INSIDE SHOULDER	207	USING 5% OF SHOULDER LENGTH
0010	405+70.44	-	482+57.95	IH 39 WB, INSIDE SHOULDER	385	USING 5% OF SHOULDER LENGTH
0010	483+31.72	-	588+02.89	IH 39 WB, INSIDE SHOULDER	524	USING 5% OF SHOULDER LENGTH
0010	587+96.05	-	629+24.00	IH 39 WB, INSIDE SHOULDER	207	USING 5% OF SHOULDER LENGTH
0010	405+70.46	-	482+52.86	IH 39 EB, OUTSIDE SHOULDER	385	USING 5% OF SHOULDER LENGTH
0010	483+31.72	-	587+90.94	IH 39 EB, OUTSIDE SHOULDER	523	USING 5% OF SHOULDER LENGTH
0010	587+96.05	-	629+24.00	IH 39 EB, OUTSIDE SHOULDER	207	USING 5% OF SHOULDER LENGTH
0010	405+70.44	-	482+57.95	IH 39 WB, OUTSIDE SHOULDER	385	USING 5% OF SHOULDER LENGTH
0010	483+31.72	-	588+02.89	IH 39 WB, OUTSIDE SHOULDER	524	USING 5% OF SHOULDER LENGTH
0010	587+96.05	-	629+24.00	IH 39 WB, OUTSIDE SHOULDER	207	USING 5% OF SHOULDER LENGTH
				TOTAL 0010	11,151	

Standard Detail Drawing List

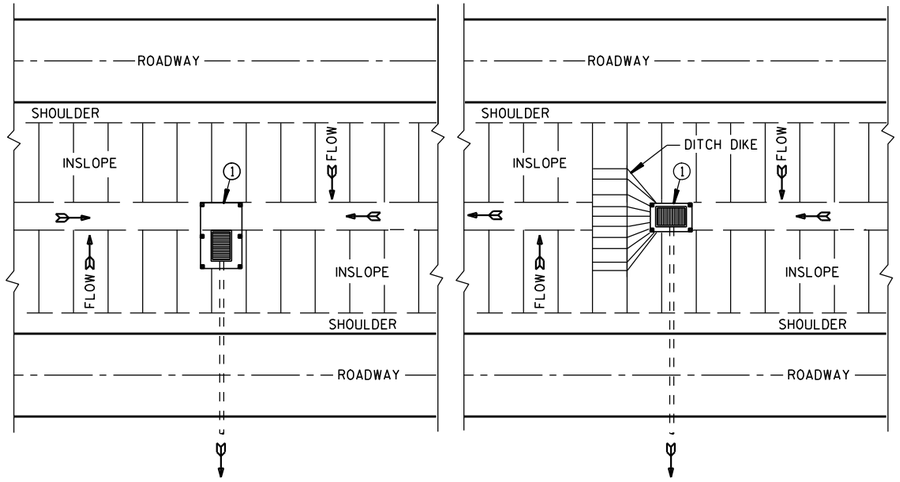
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13A05-06A	SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY
13A05-06B	SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C19-03	HMA LONGITUDINAL JOINTS
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B47-06A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06D	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06E	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06F	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06G	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15C02-09G	TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C31-08A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-08C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15D04-01	TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING
15D12-14B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D12-14D	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D12-14E	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D14-08	TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY
15D15-07A	TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-07B	TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-07C	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-07D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-07E	TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
15D16-06	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

6



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.

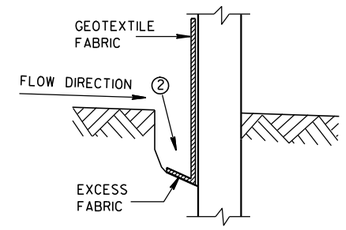
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

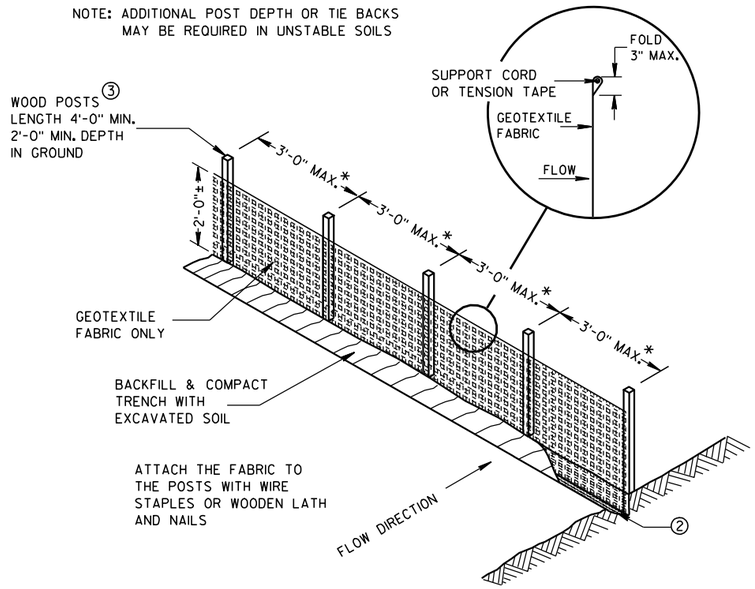
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

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

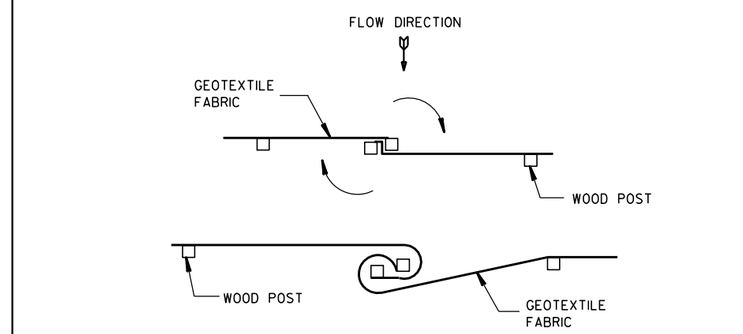
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



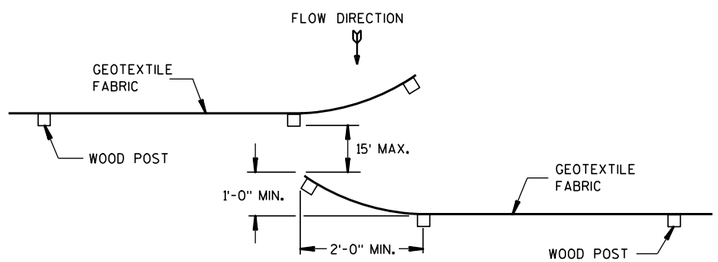
TRENCH DETAIL



SILT FENCE

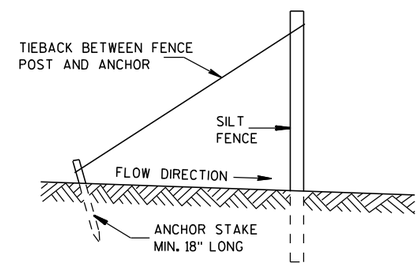


TWIST METHOD



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

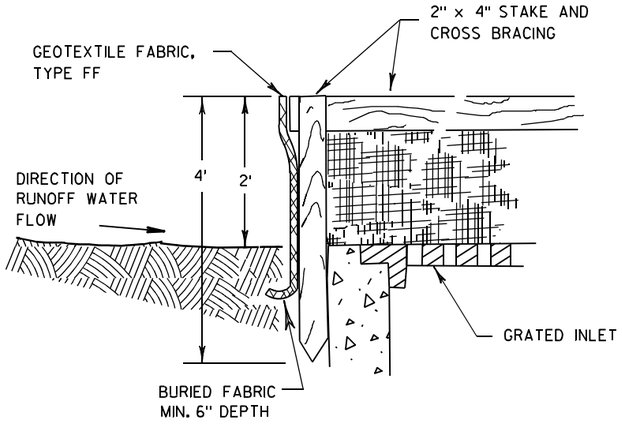
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

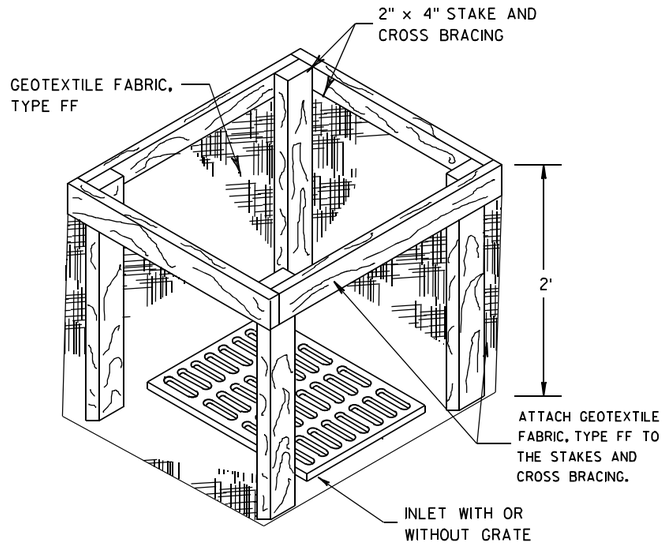
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S.D.D. 8 E 9-6

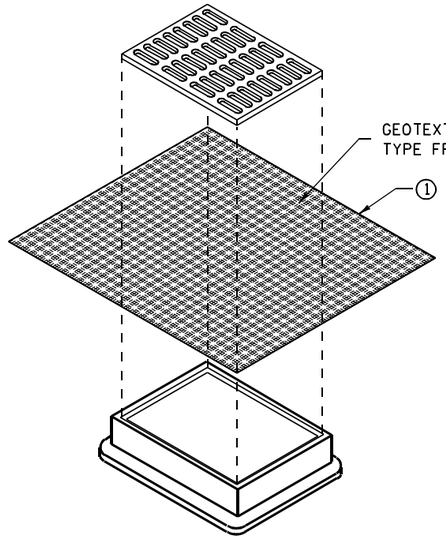
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S.D.D. 8 E 9-6



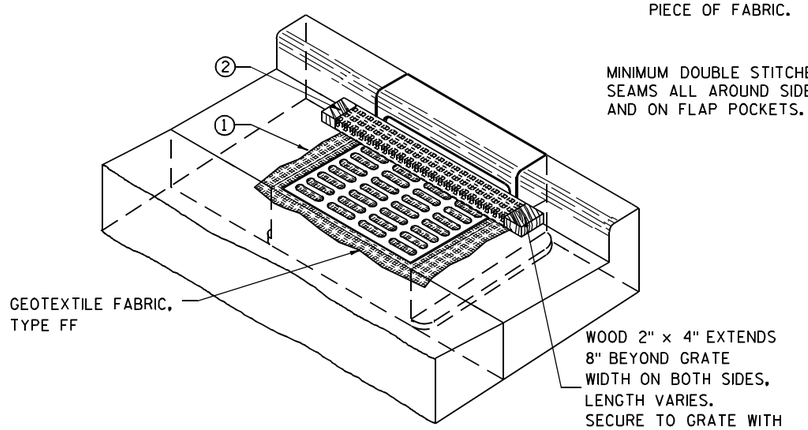


INLET PROTECTION, TYPE A

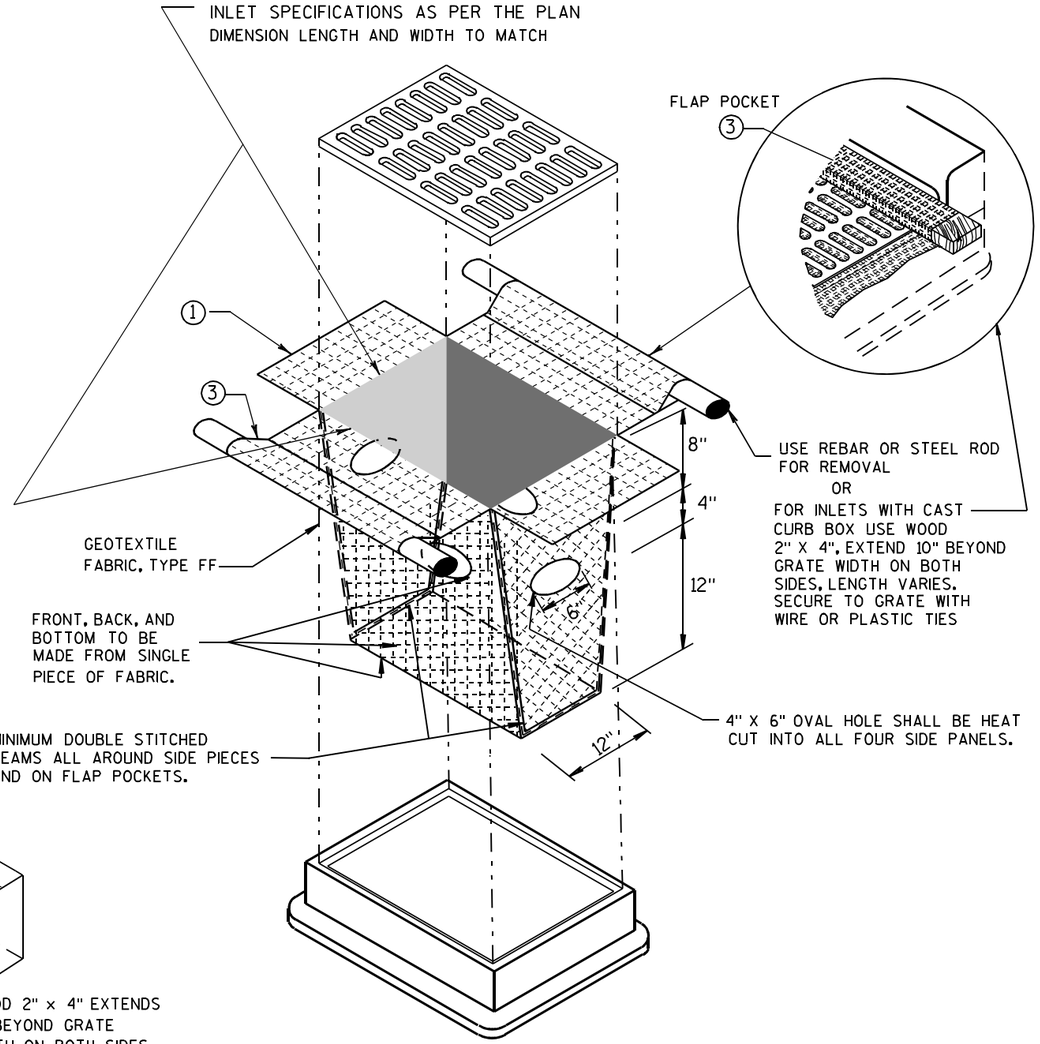


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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

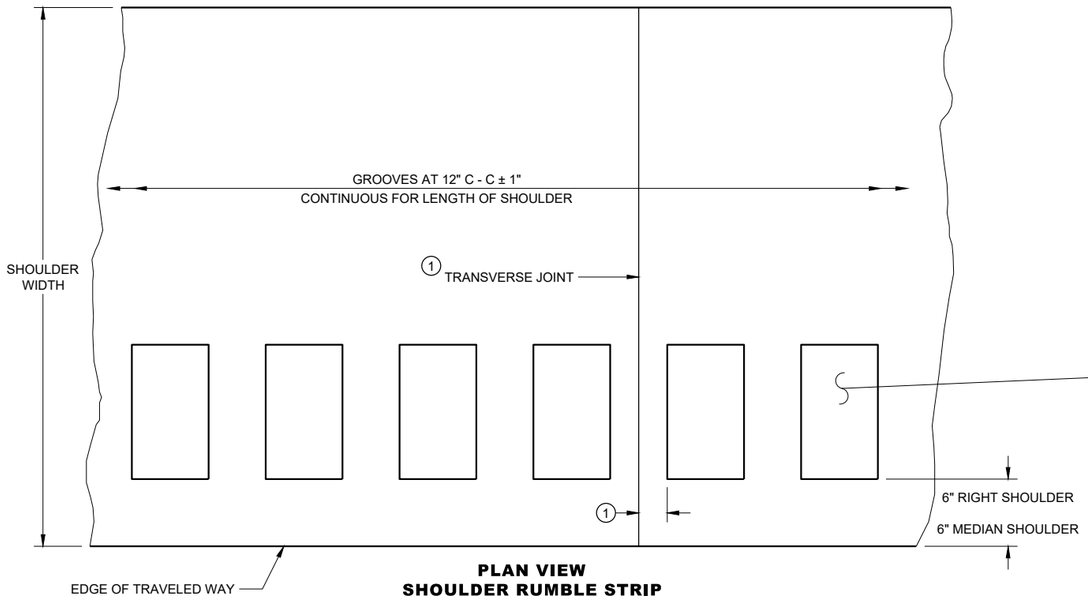
6
S.D.D. 8 E 10-2

GENERAL NOTES

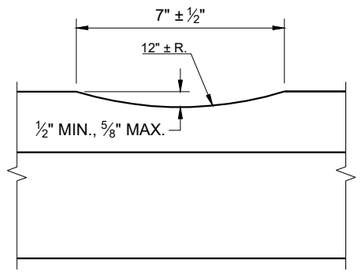
SDD 13A5, SHEET "b" SHOWS THE LOCATION OF THE RUMBLE STRIPS AT RAMP AND GORE LOCATIONS.

RUMBLE STRIPS ON EXPRESSWAYS:
DO NOT INSTALL SHOULDER RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL AND PRIVATE DRIVEWAYS, ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, 25' IN ADVANCE OF BRIDGE DECKS, 25' IN ADVANCE OF BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSINGS.

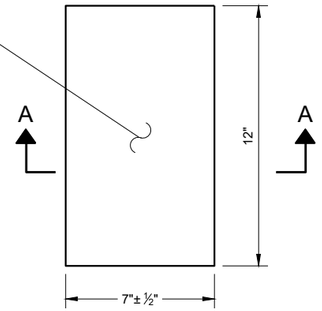
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6 INCHES AWAY FROM TRANSVERSE JOINTS.



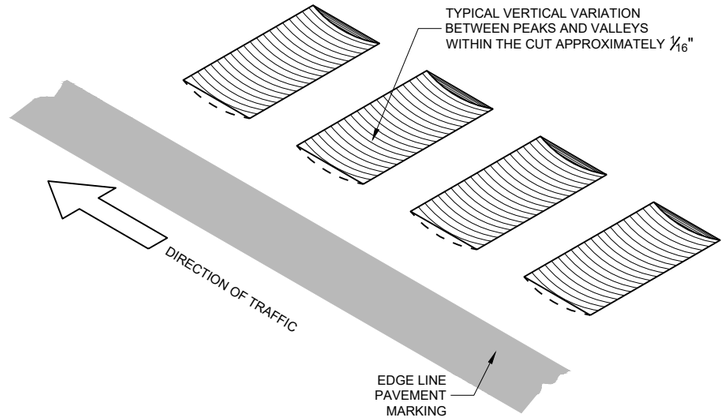
PLAN VIEW
SHOULDER RUMBLE STRIP



SECTION A - A

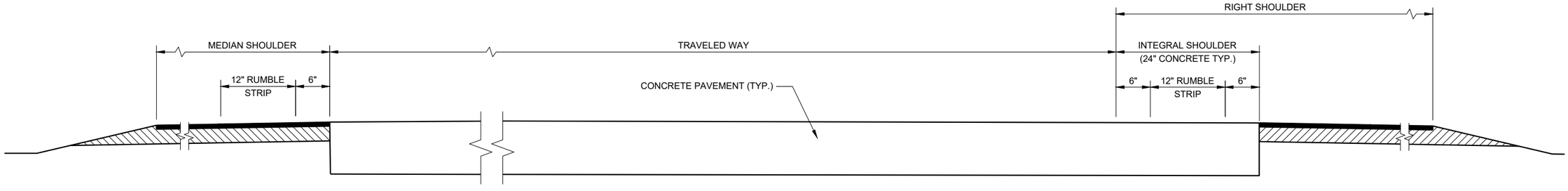


PLAN VIEW
(SINGLE GROOVE)



ISOMETRIC

PLACEMENT DETAIL FOR RUMBLE STRIP



SECTION VIEW

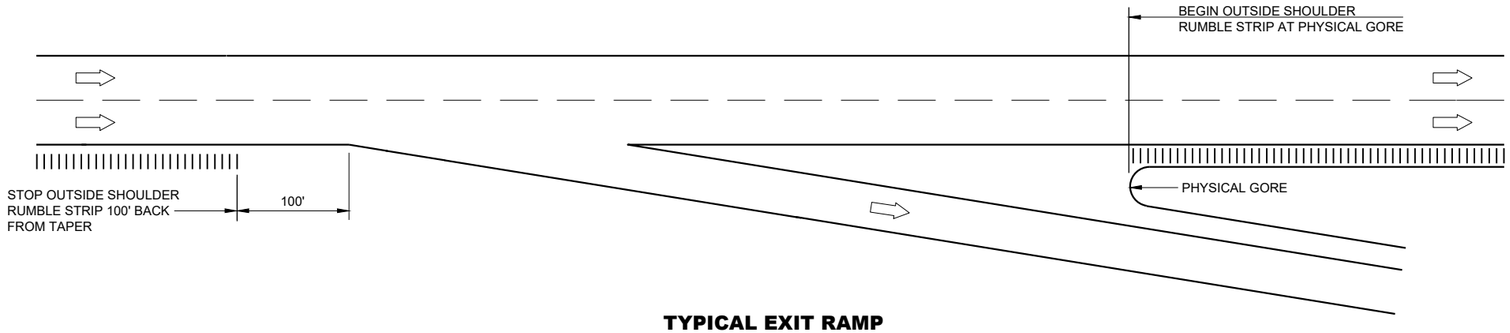
TYPICAL SHOULDER RUMBLE STRIPS
(ONE ROADWAY IS SHOWN)

SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY

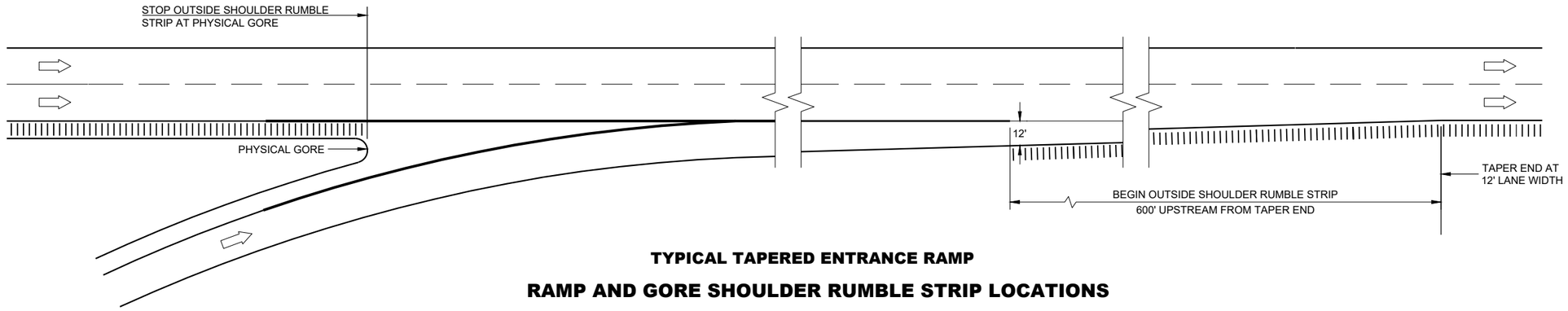
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13A05-06a



TYPICAL EXIT RAMP



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE SHOULDER RUMBLE STRIP LOCATIONS

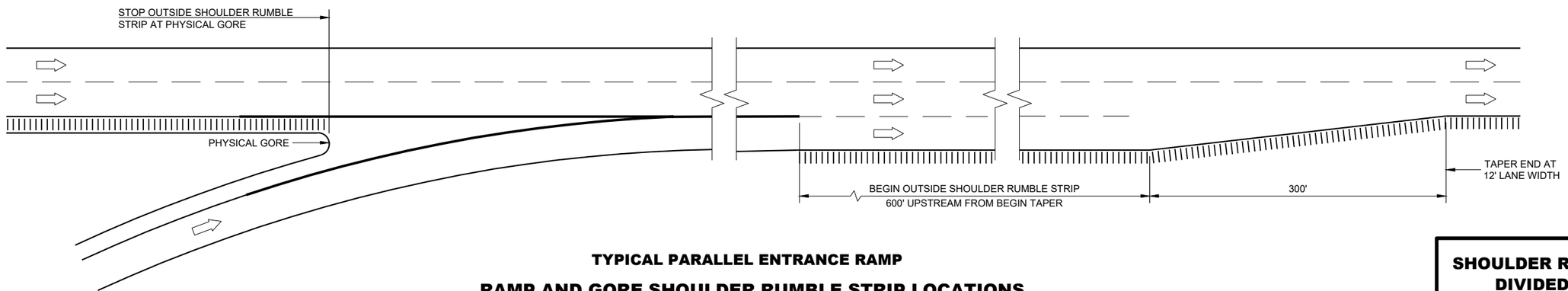
GENERAL NOTES

NO RUMBLE STRIP ON EXIT, DIRECTIONAL OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

RUMBLE STRIPS ON EXPRESSWAYS:
DO NOT INSTALL SHOULDER RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIALAND PRIVATE DRIVEWAYS, ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, 25' IN ADVANCE OF BRIDGE DECKS, 25' IN ADVANCE OF BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSINGS.

LEGEND

DIRECTION OF TRAFFIC



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE SHOULDER RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

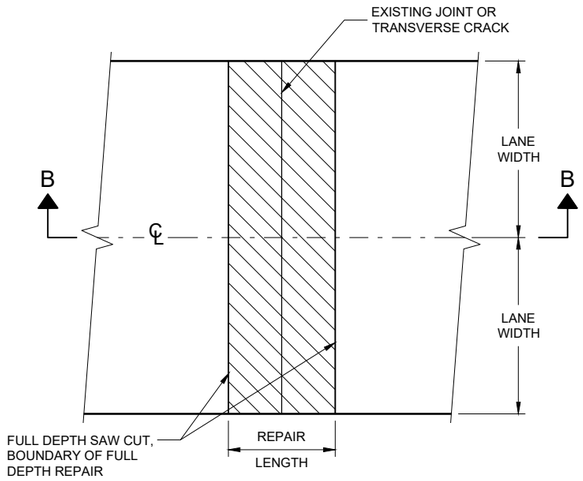
APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY DESIGN STANDARDS
UNIT SUPERVISOR

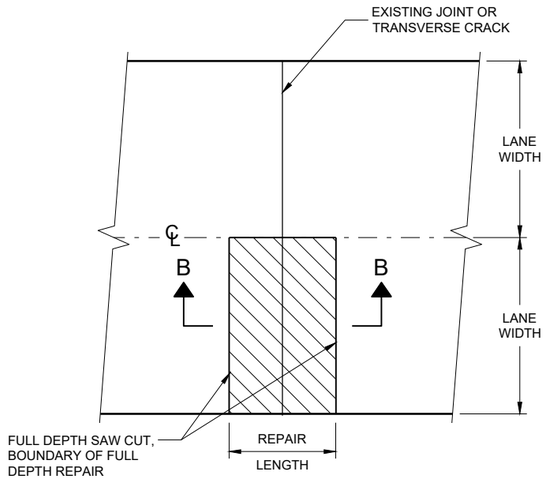
FHWA

6

SDD 13A05-06b



PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

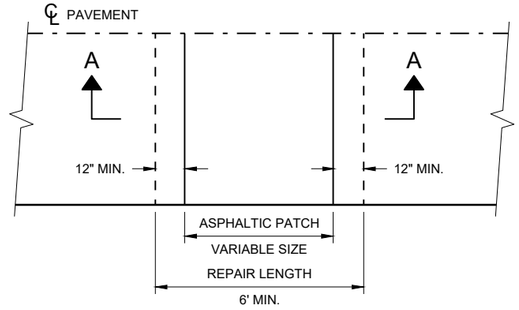
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

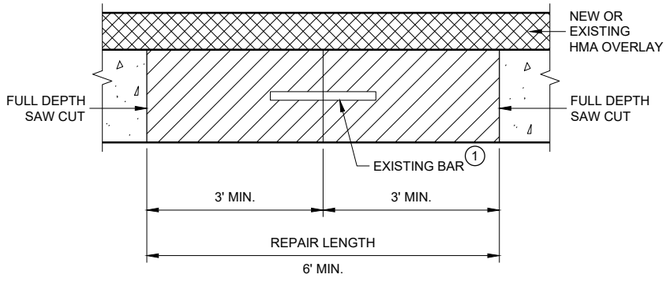
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

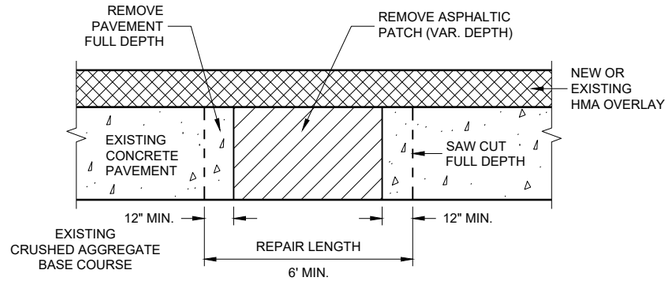


PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



SECTION A - A

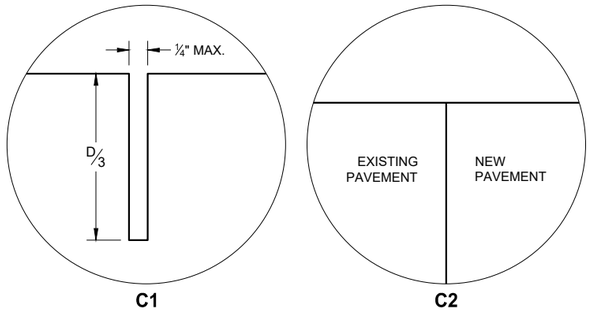
HMA PATCH REMOVAL

BASE PATCHING CONCRETE

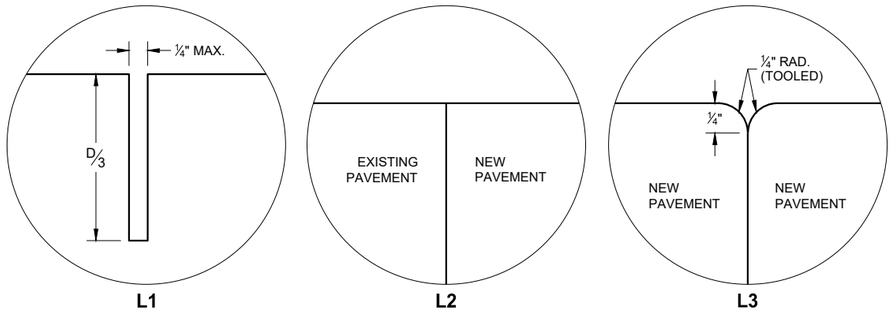
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

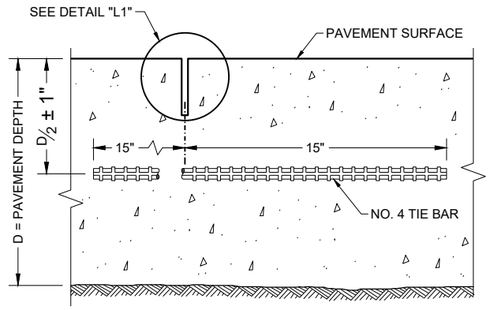
SDD 13C14 - 07a



TRANSVERSE JOINTS

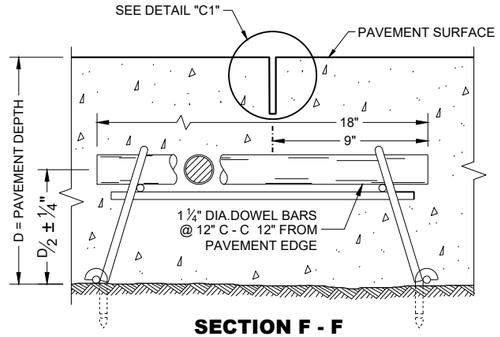


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

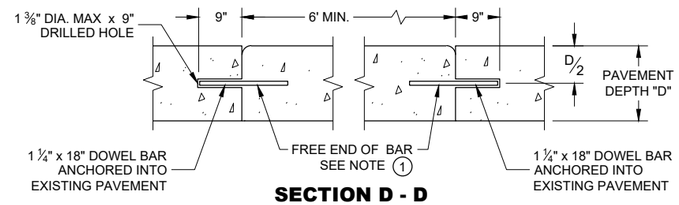
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

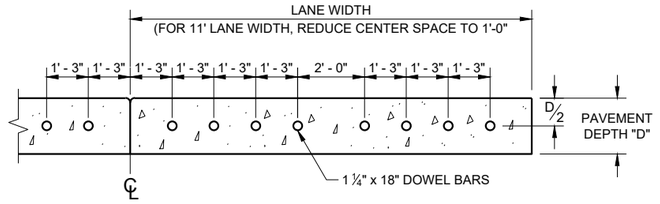
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

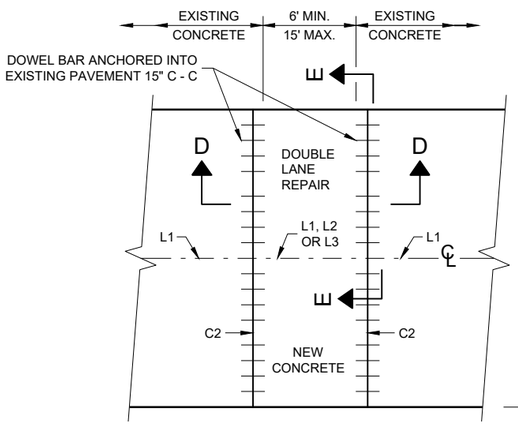


SECTION D - D



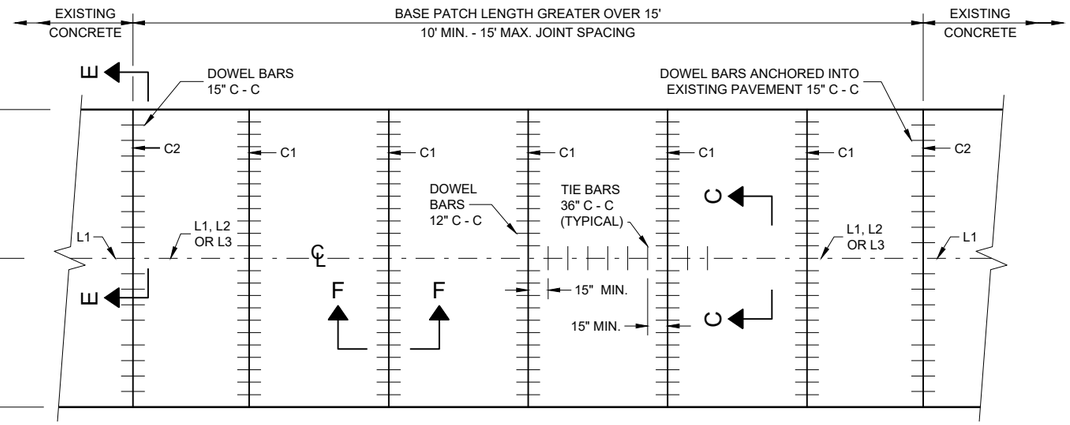
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

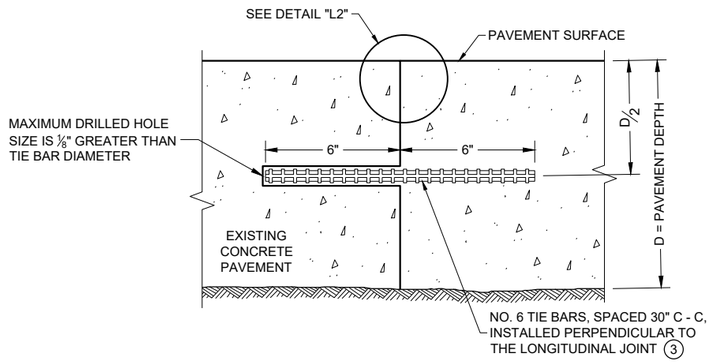
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTAT 110

SDD 13C14 - 07b

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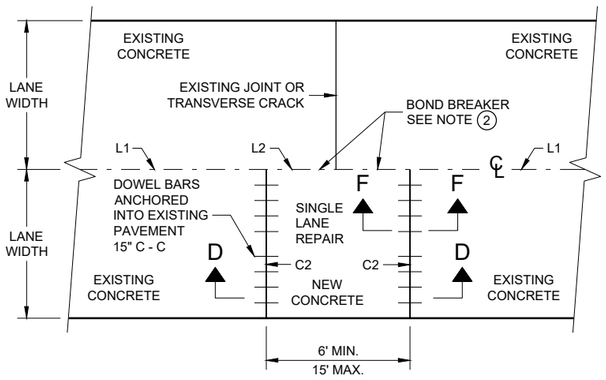


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

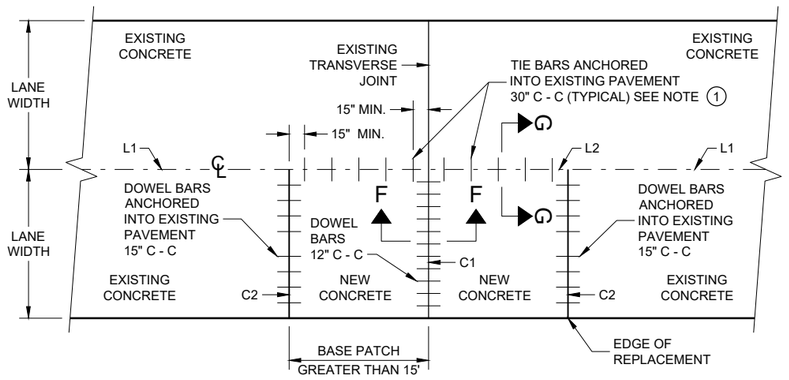
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH GREATER THAN 15' LENGTH

BASE PATCHING CONCRETE

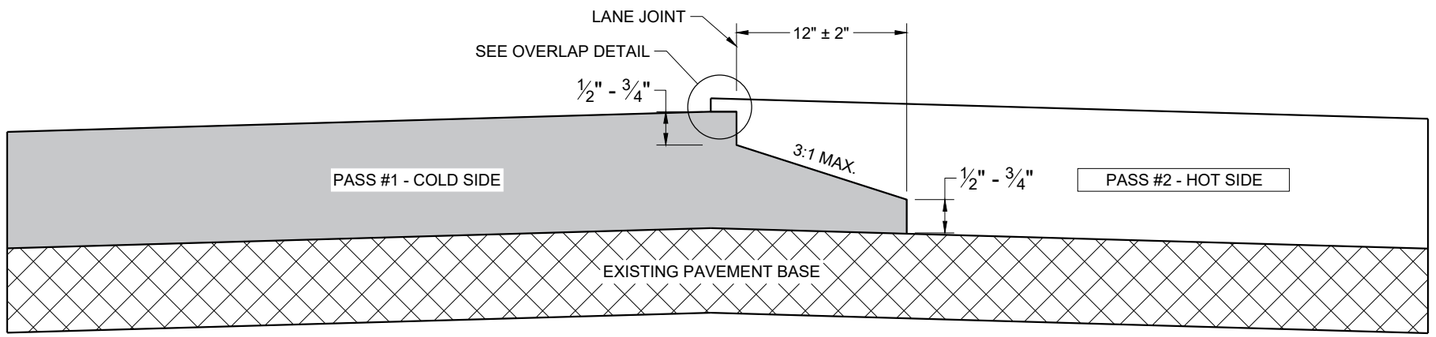
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE
/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISOR

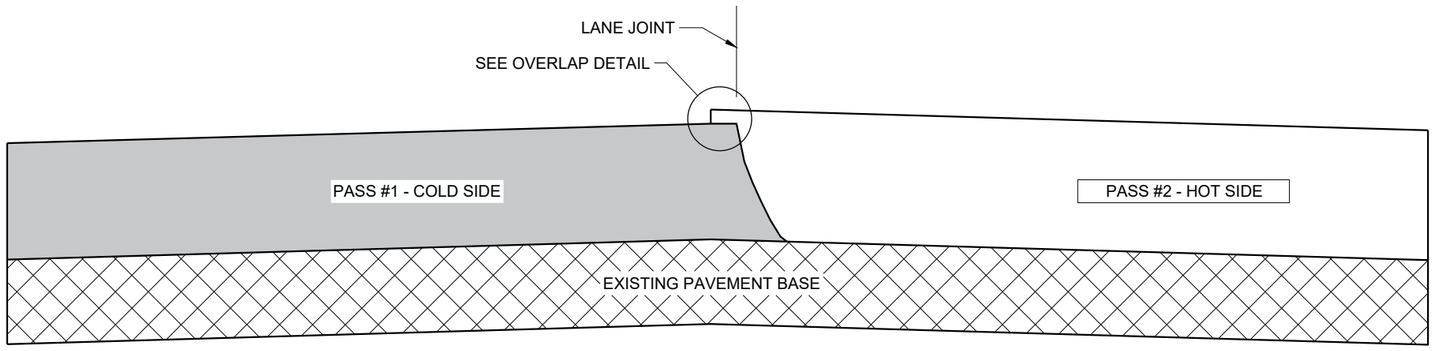
FHWA

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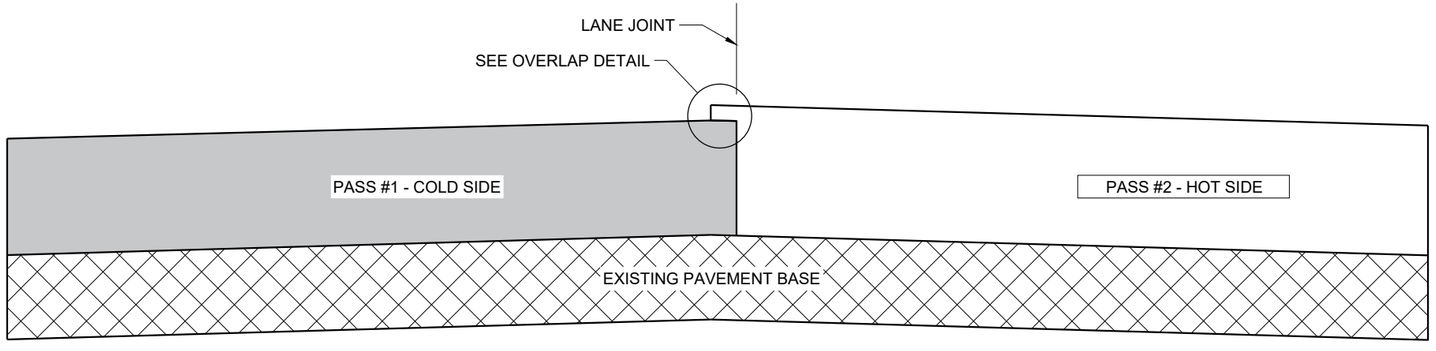
SDD 13C14 - 07c
SDD 13C14 - 07c



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

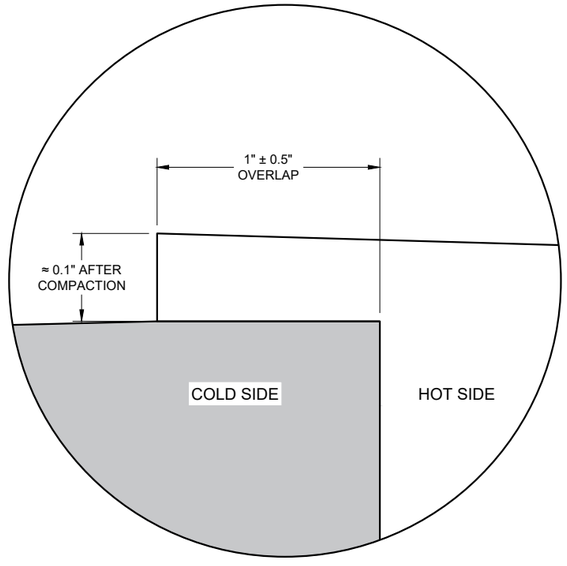
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

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SDD 13C19 - 03

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HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

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

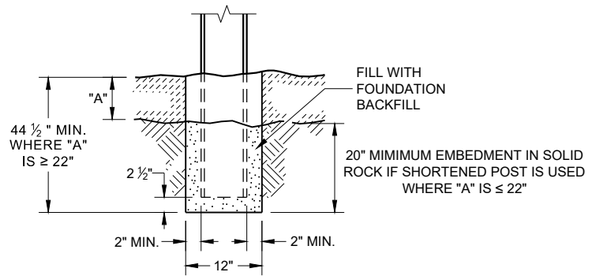
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

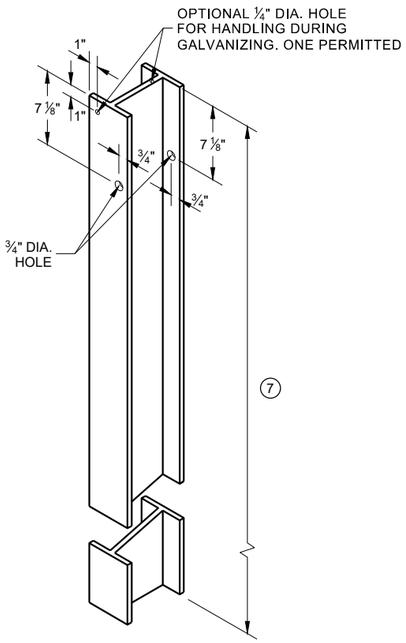
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

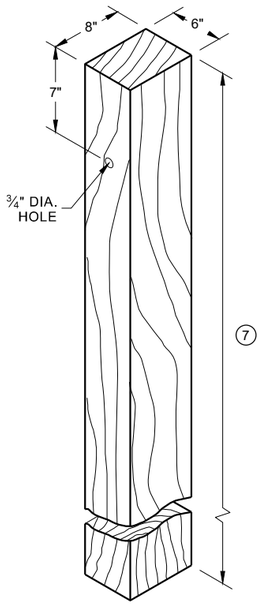
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



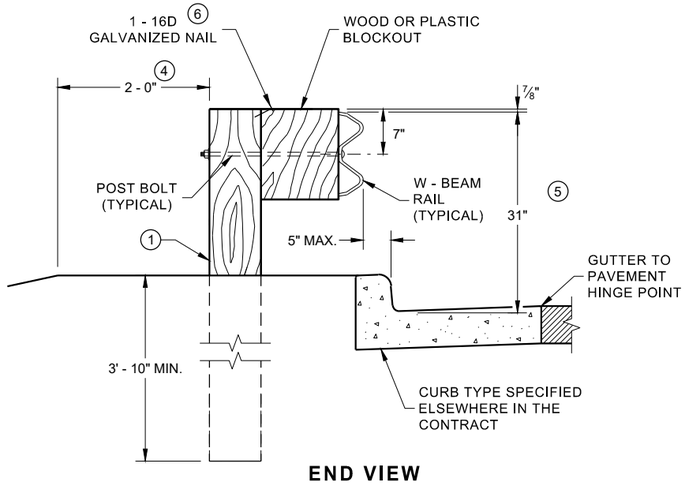
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



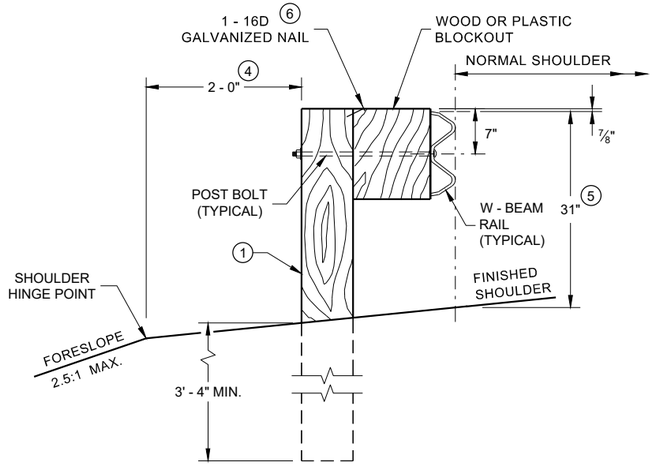
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



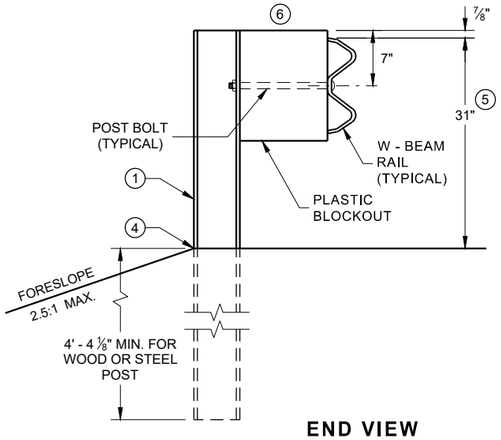
WOOD POST (6" X 8") NOMINAL (1)



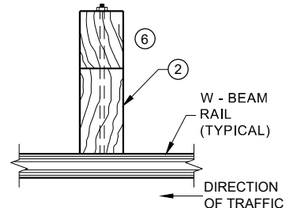
END VIEW
LOCATED ALONG A CURBED ROADWAY



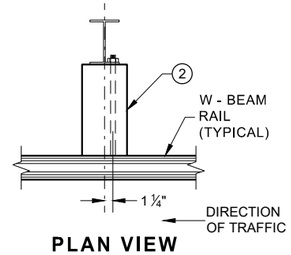
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



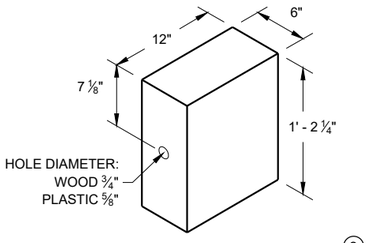
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

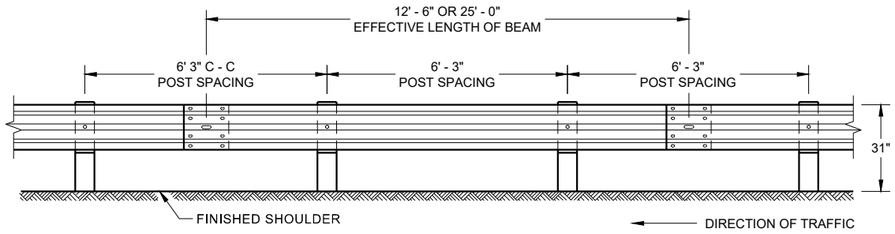
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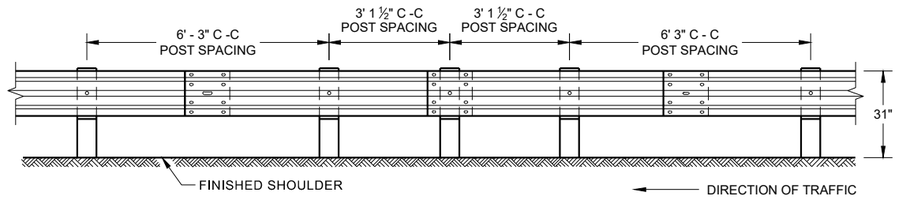
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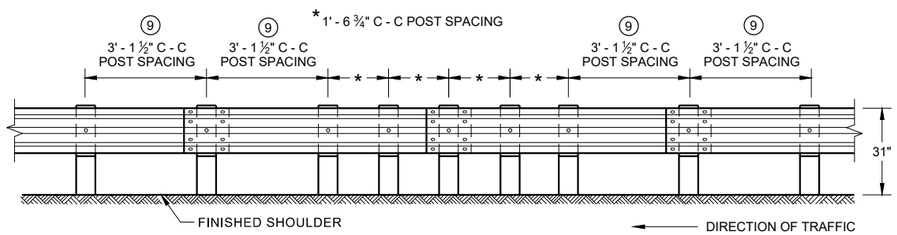
SDD 14B42 - 07a



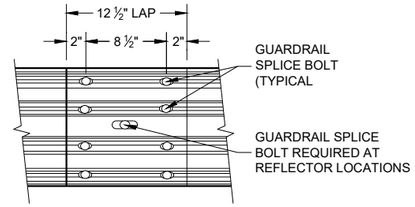
FRONT VIEW
POST SPACING STANDARD INSTALLATION



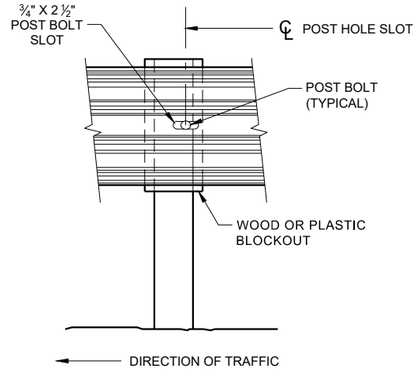
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



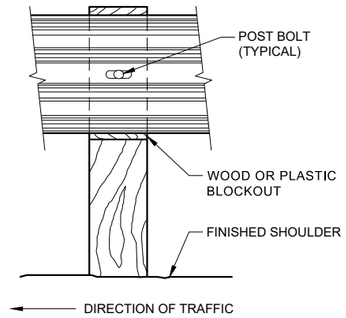
FRONT VIEW
QUARTER POST SPACING (QS)



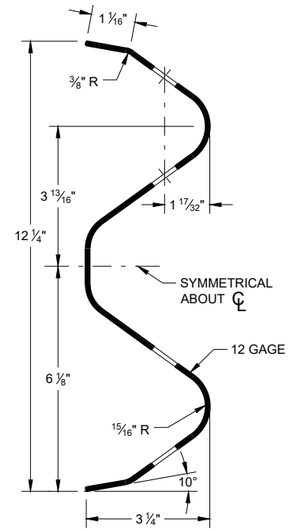
FRONT VIEW
MID-SPAN BEAM SPLICE



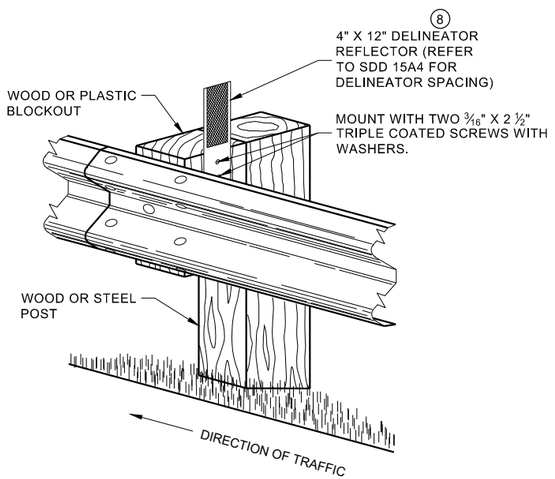
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

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

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

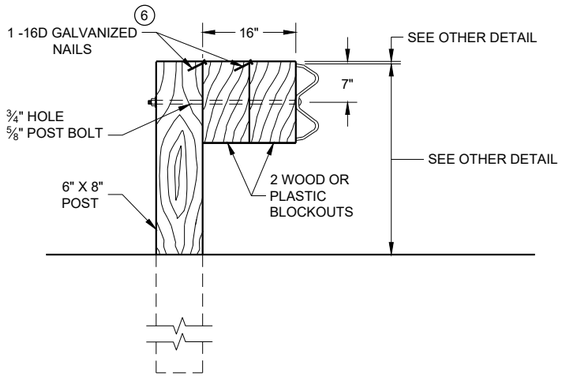
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
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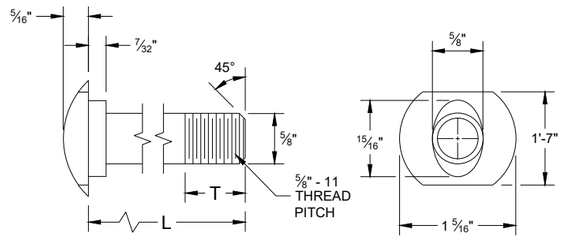


DETAIL FOR 16" BLOCKOUT DEPTH

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.

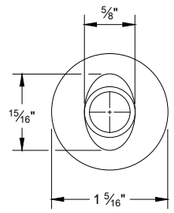
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

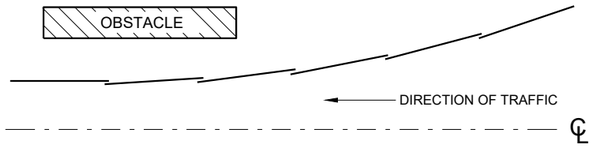


POST BOLT TABLE

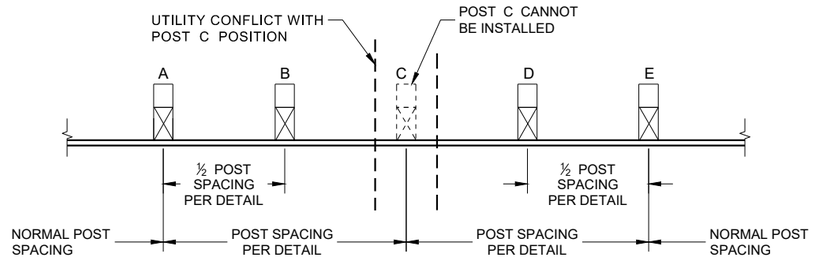
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



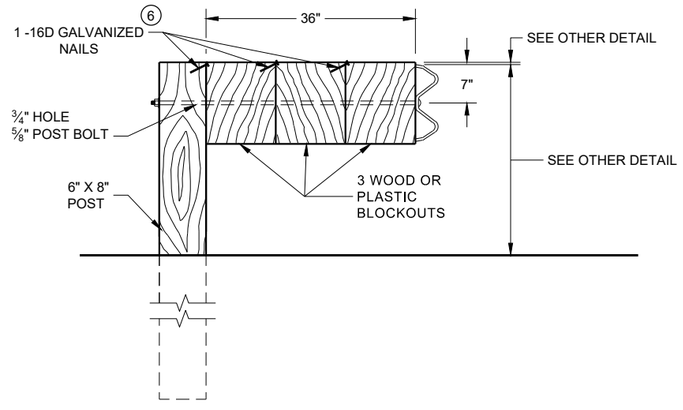
ALTERNATE BOLT HEAD



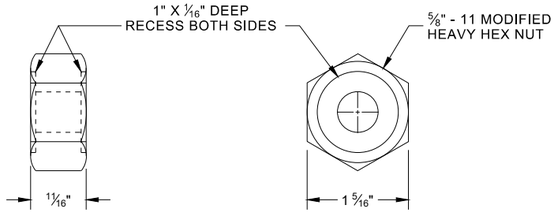
PLAN VIEW
BEAM LAPPING DETAIL



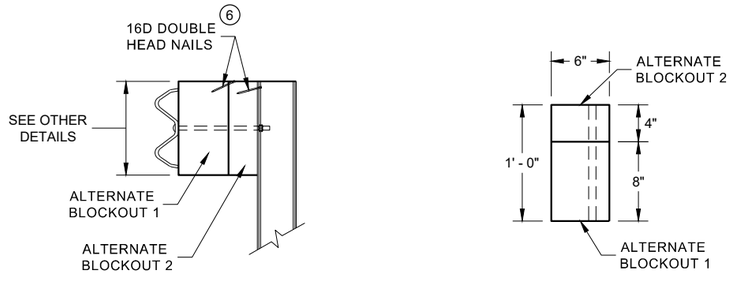
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW

PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

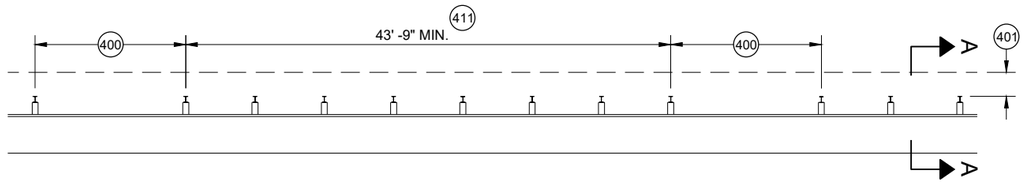
NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

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.

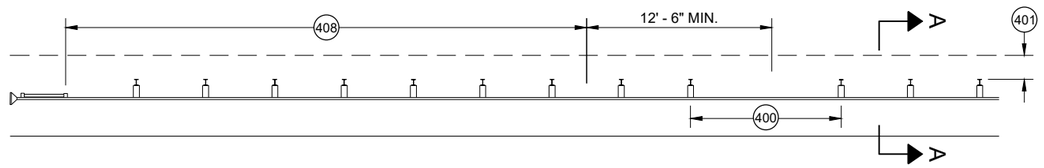
(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

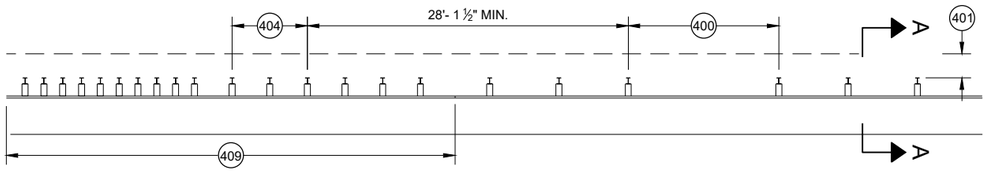
6
SDD 14B42 - 07c



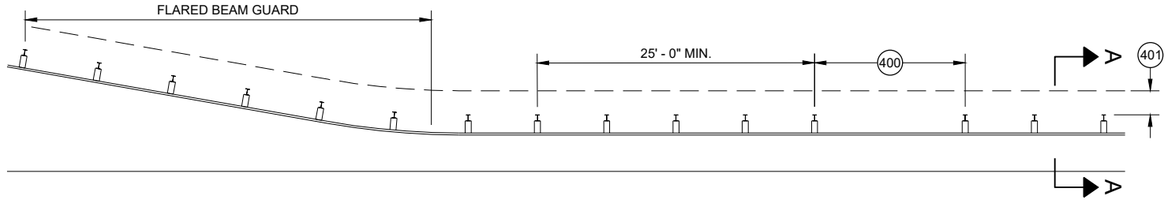
MISSING POST IN MGS GUARDRAIL



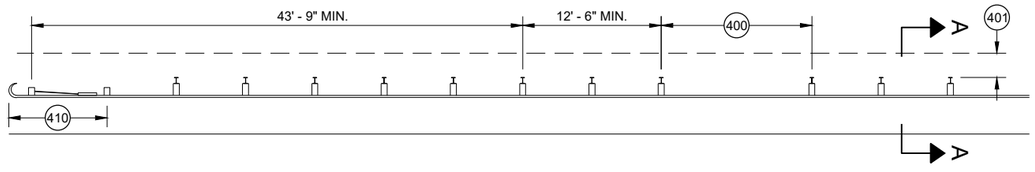
MISSING POST IN MGS GUARDRAIL NEAR EAT



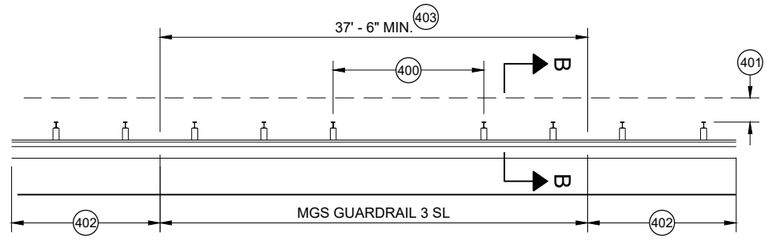
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

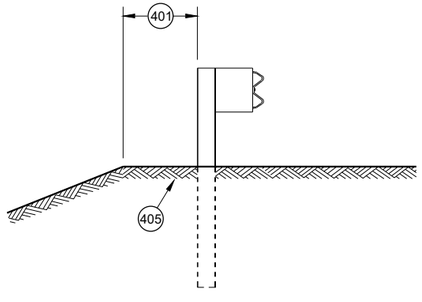


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

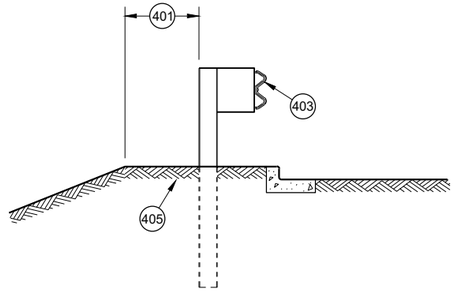


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

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

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

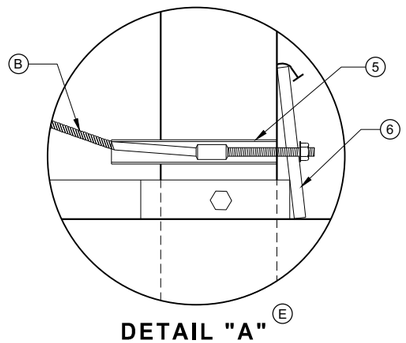
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

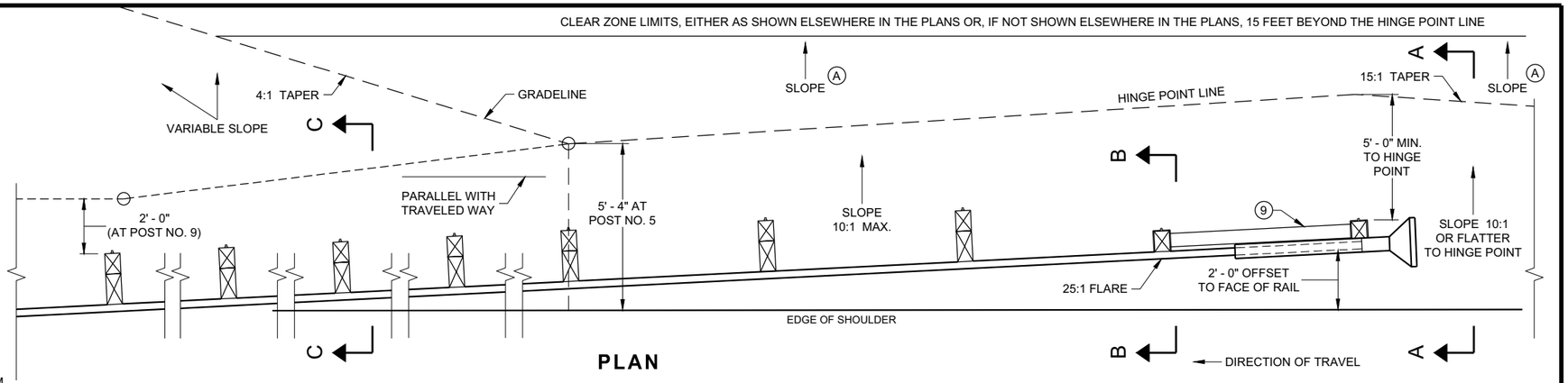
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

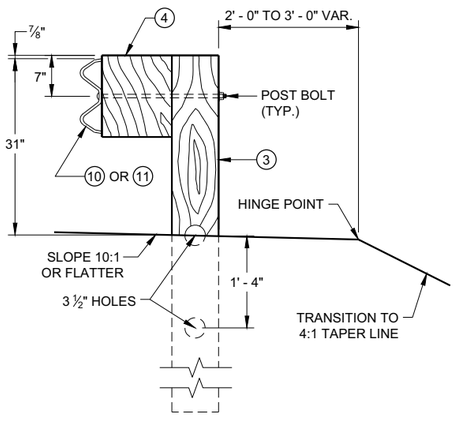
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.

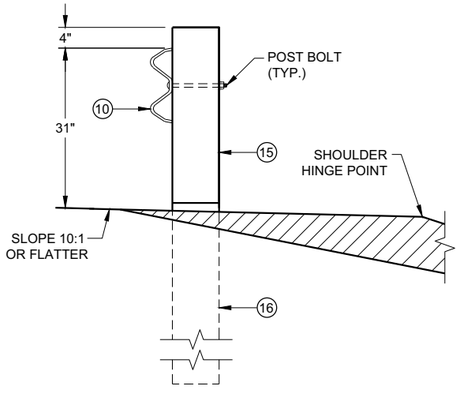


DETAIL "A" (E)

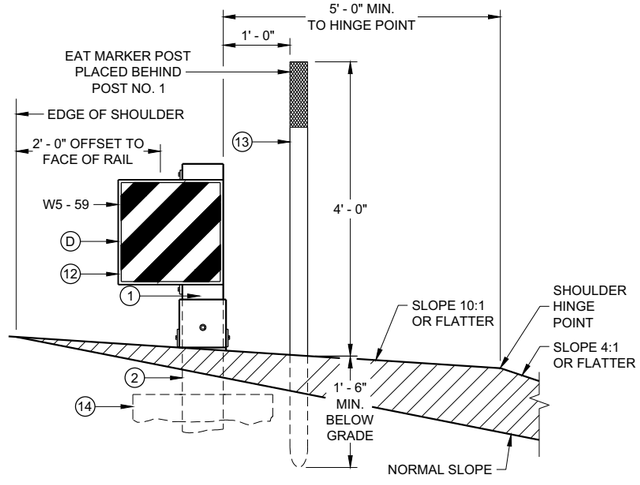




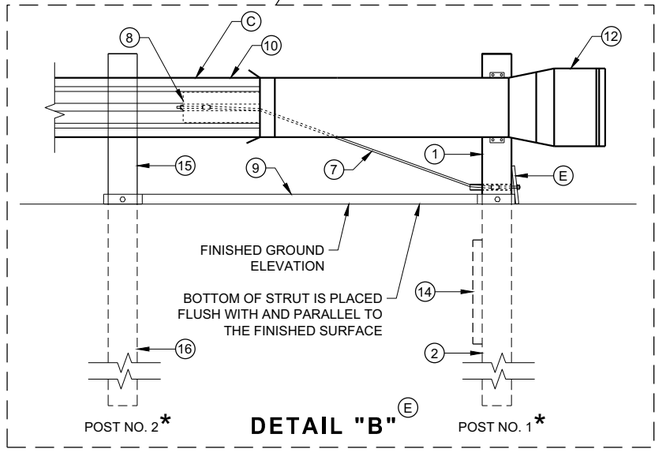
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



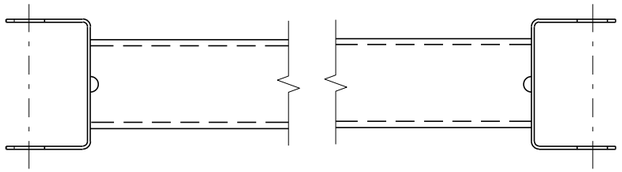
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

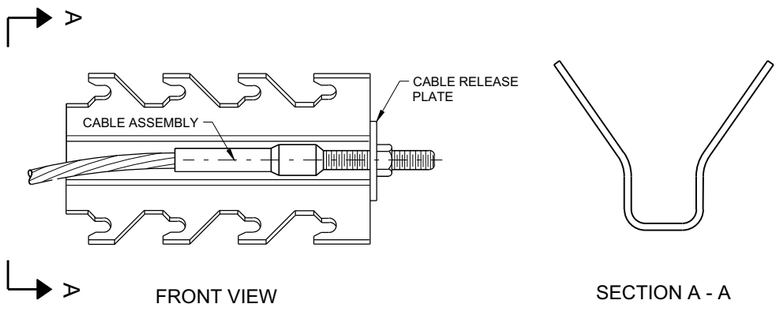
SDD 14B44 - 04a



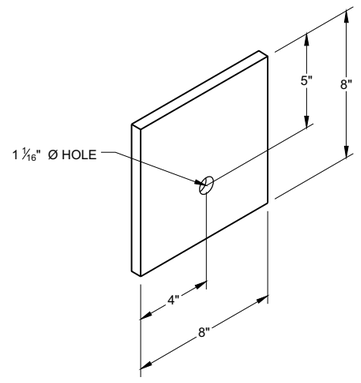
GENERIC GROUND STRUT (9) (E)

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
(1)	UPPER POST NO. 1 6" X 6" TUBE
(2)	LOWER POST NO. 1
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR CABLE BOX
(9)	GROUND STRUT
(10)	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(11)	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(12)	IMPACT HEAD
(13)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
(14)	SOIL PLATE
(15)	UPPER POST NO. 2
(16)	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX (9) (E)



BEARING PLATE (6) (E)

6

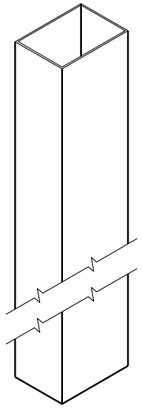
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SDD 14B44 - 04b

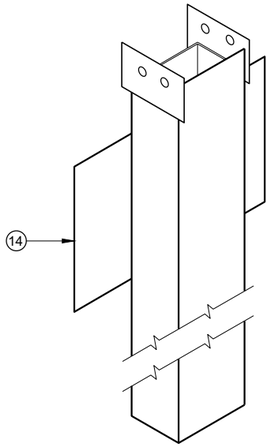
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

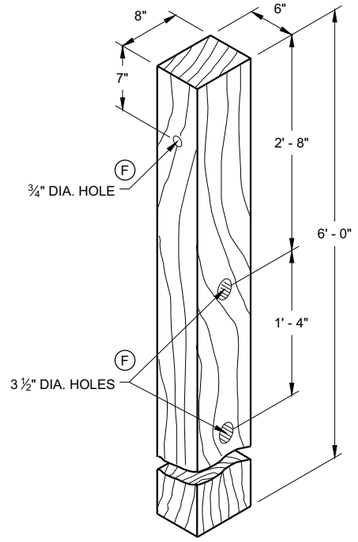
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA



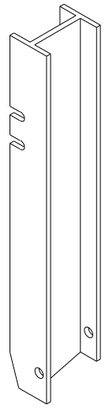
UPPER POST NO. 1 (1) (E)



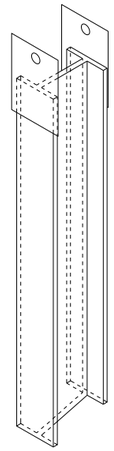
LOWER POST NO. 1 (2) (E)



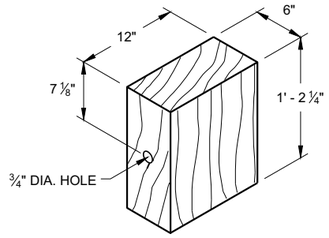
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



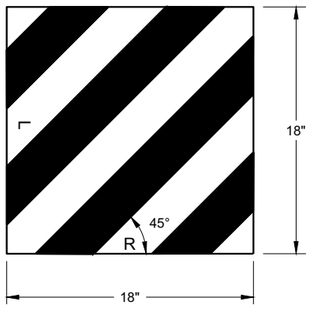
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

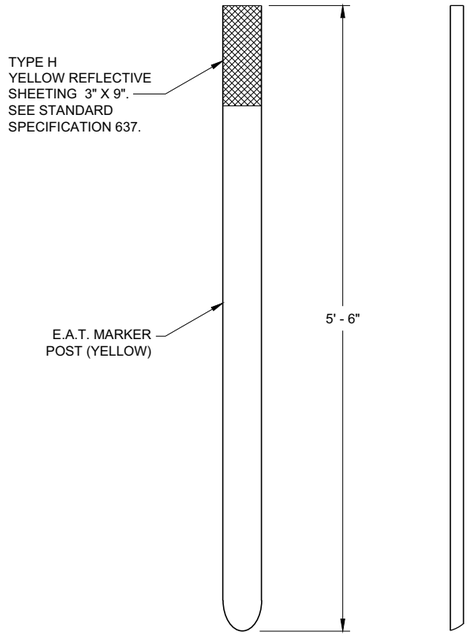


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



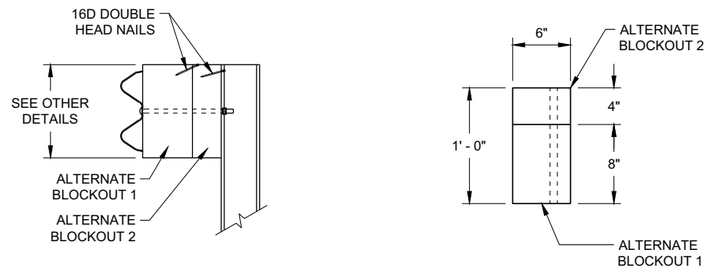
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

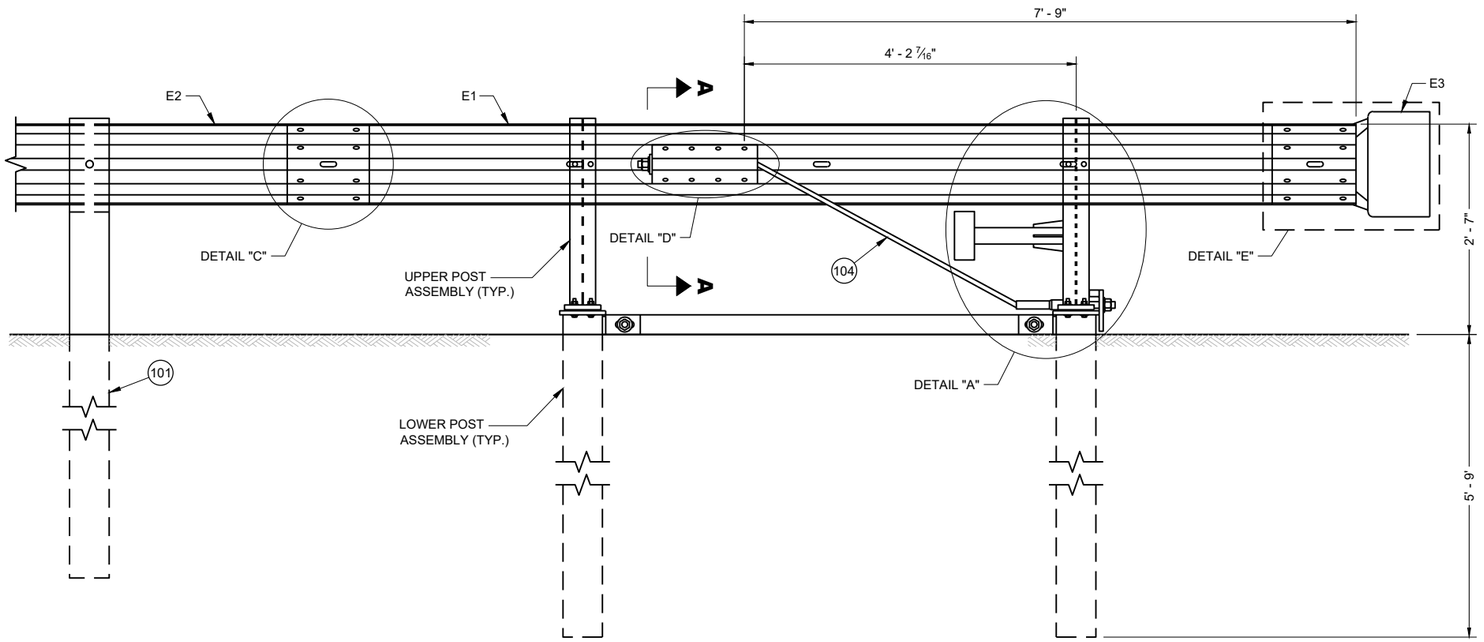
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

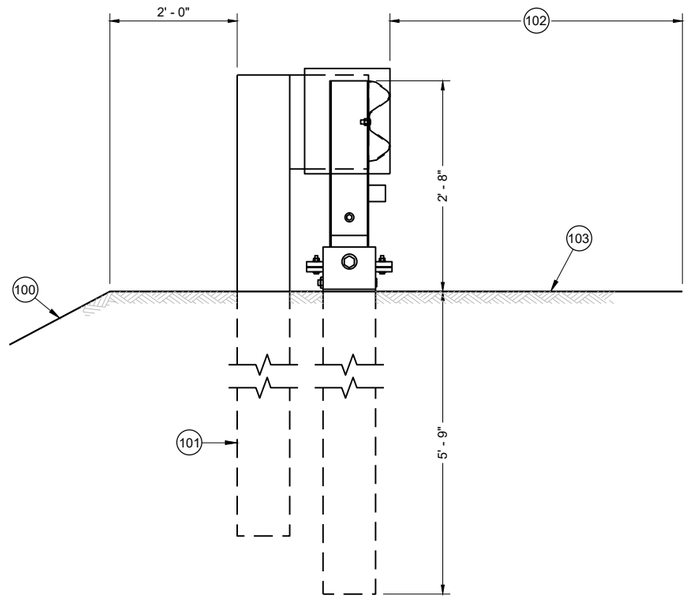
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SDD 14B44 - 04c



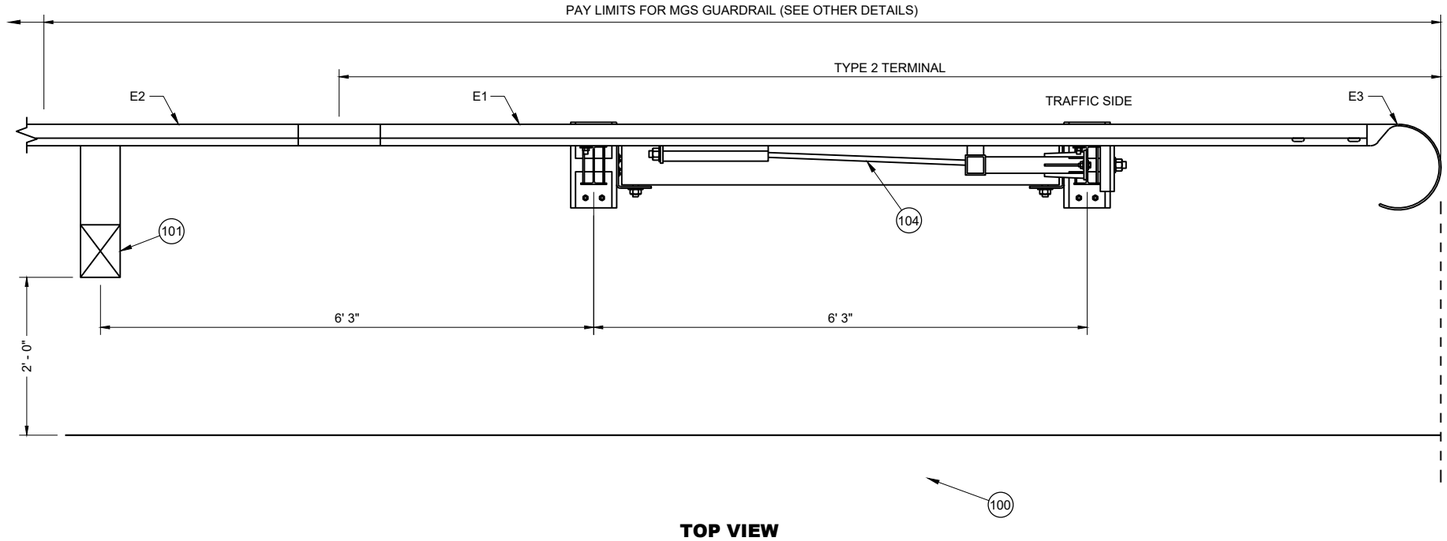
BACK VIEW

TYPE 2 TERMINAL



SIDE VIEW

TYPE 2 TERMINAL



TOP VIEW

TYPE 2 TERMINAL

GENERAL NOTES

100 MAXIMUM SLOPE IS 2.5:1.

101 SEE SDD 14B42 FOR MORE INFORMATION.

102 SHOULDER

103 MAXIMUM SLOPE IS 10:1.

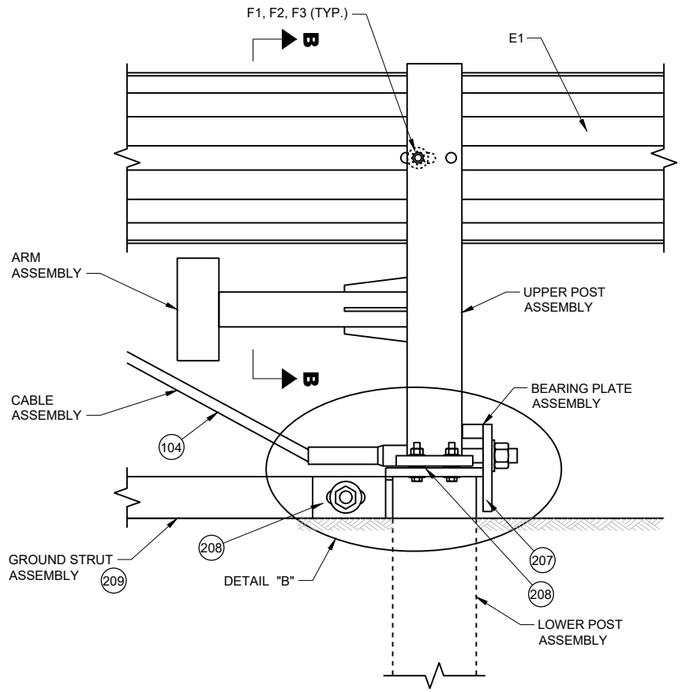
104 AFTER ASSEMBLY, CABLE IS TO BE TIGHTENED WITHOUT TWISTING THE CABLE.

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

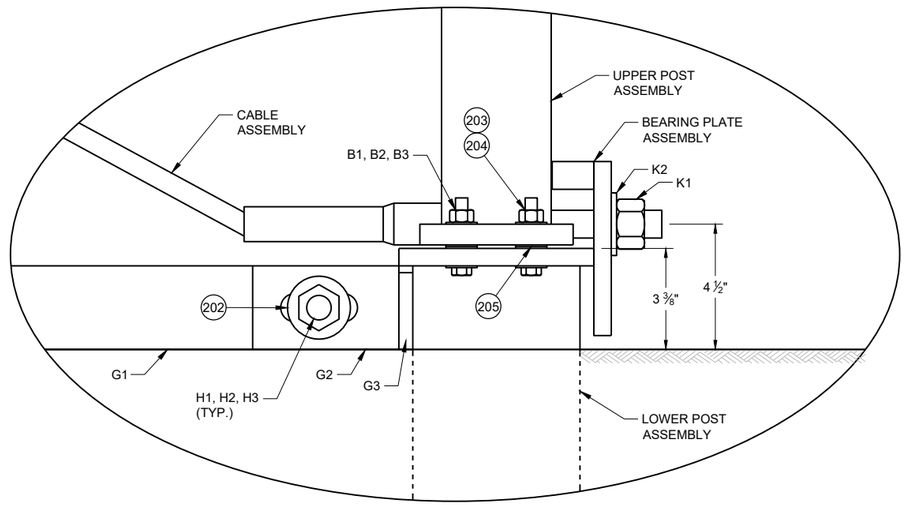
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

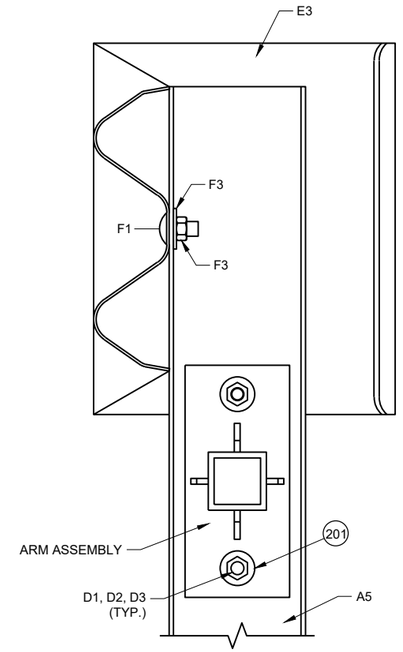
SDD 14B47-06a



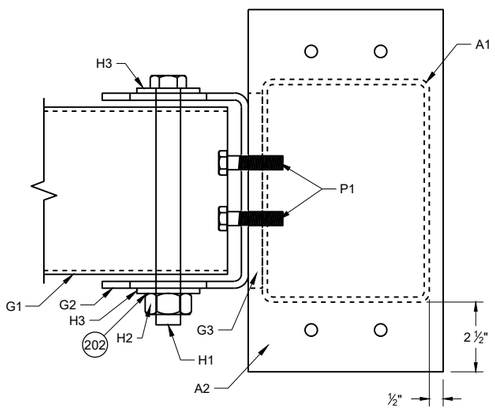
DETAIL "A"



DETAIL "B"

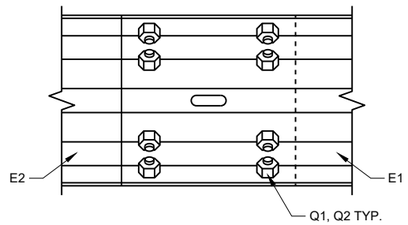


SECTION B - B

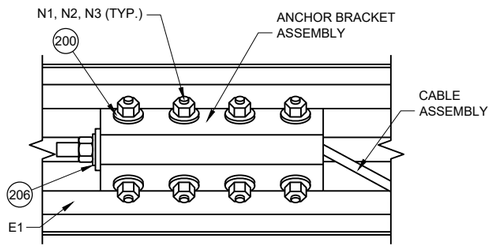


TOP VIEW

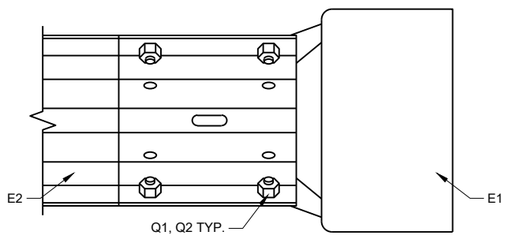
GROUND STRUT CONNECTION DETAIL



DETAIL "C"



DETAIL "D"



DETAIL "E"

GENERAL NOTES

200 INSTALL ONE WASHER UNDER BOLT HEAD AND RAIL AND ON WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

201 INSTALL ONE WASHER UNDER BOLT HEAD AND UPPER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND ARM PLATE.

202 INSTALL ONE WASHER UNDER BOLT HEAD AND GROUND STRUT CONNECTOR AND ONE WASHER BETWEEN NUT AND GROUND STRUT CONNECTOR.

203 INSTALL ONE WASHER UNDER BOLT HEAD AND LOWER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND UPPER POST ASSEMBLY.

204 TORQUE VALUE IS BETWEEN 60 - 75 FT-LB.

205 TWO WASHERS BETWEEN UPPER AND LOWER POST ASSEMBLY.

206 INSTALL ONE WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

207 NO MATERIAL IS TO BE PLACED AGAINST THE VERTICAL FACES OF BEARING PLATE.

208 PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLTS FOR POST ASSEMBLIES AND GROUND STRUT.

209 PREVENT OR REMOVE MATERIALS THAT IMPEDE REMOVAL OF GROUND STRUT.

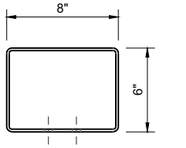
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

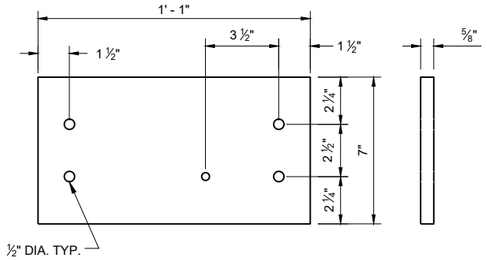
6
SDD 14B47-06b

GENERAL NOTES

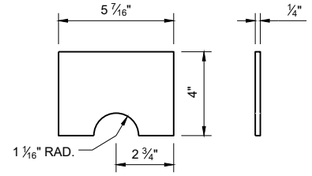
(300) TAP FOR 1/2" AFTER GALVANIZATION



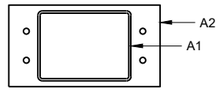
TOP VIEW



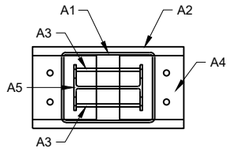
LOWER PLATE (A2)

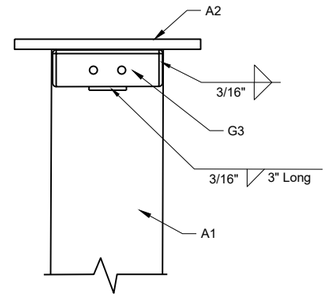


POST GUSSET (A3)

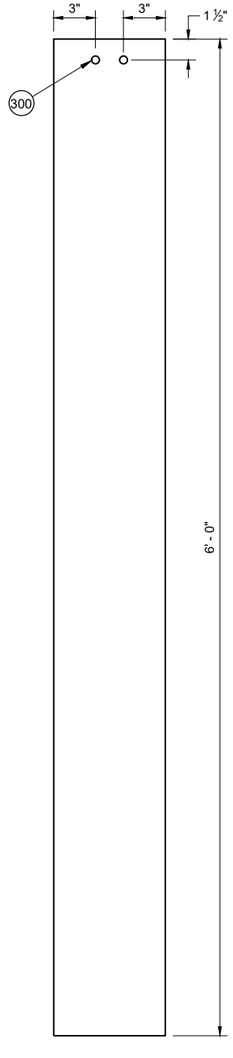


PLAN VIEW



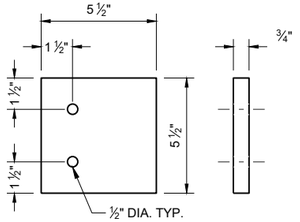


WELDING DETAIL
G3 AND A1

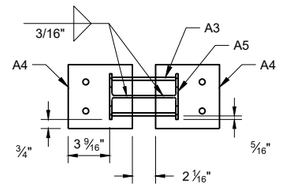


SIDE VIEW

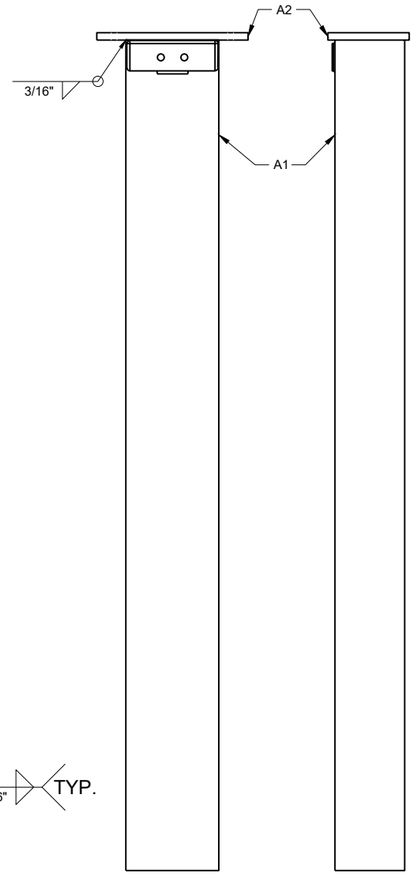
FOUNDATION
TUBE (A1)



UPPER PLATE (A4)

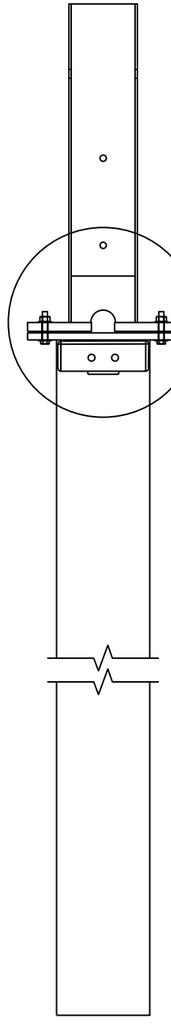


PLAN VIEW

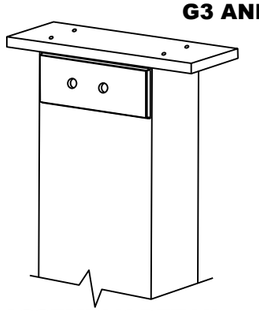


FRONT VIEW

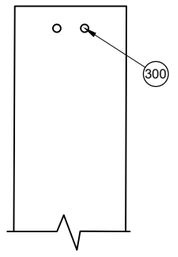
SIDE VIEW



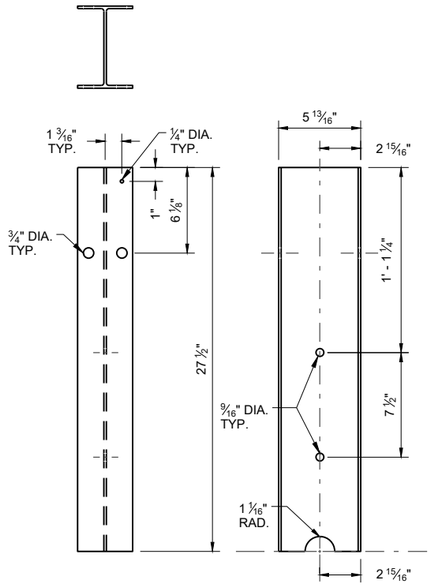
ASSEMBLED POST



ASSEMBLY DETAIL
ISOMETRIC

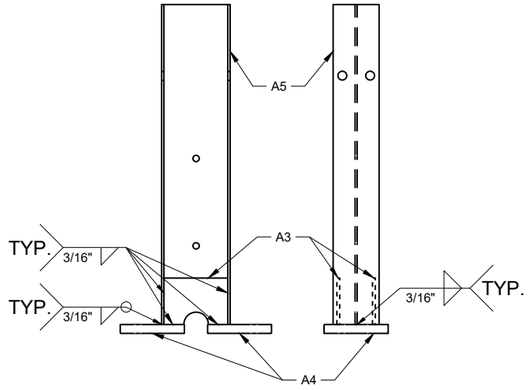


A1



FRONT VIEW SIDE VIEW

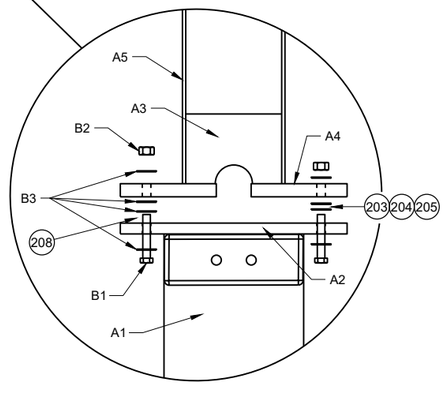
TYPE 2 POST (A5)



SIDE VIEW FRONT VIEW

UPPER POST ASSEMBLY

LOWER POST ASSEMBLY



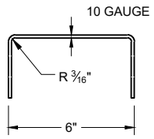
POST CONNECTION DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

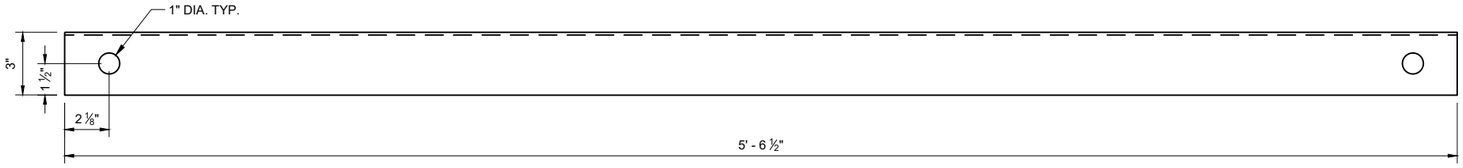
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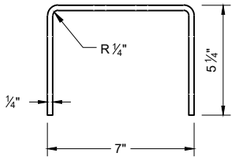


SIDE VIEW

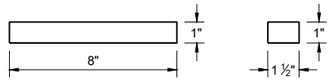


FRONT VIEW

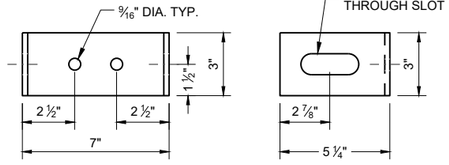
GROUND STRUT CHANNEL (G1)



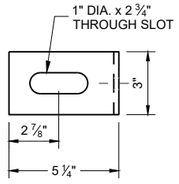
TOP VIEW



BEARING PLATE FLANGE (L2)

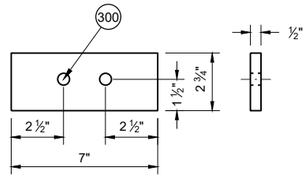


FRONT VIEW

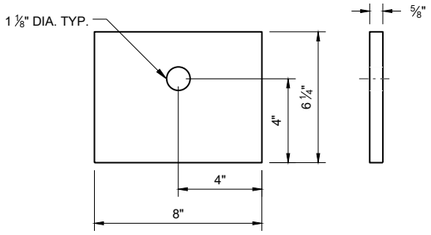


SIDE VIEW

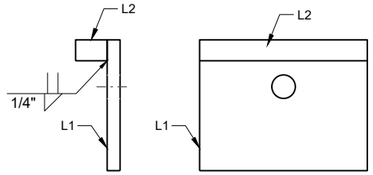
GROUND STRUT CONNECTOR (G2)



GROUND STRUT PLATE (G3)



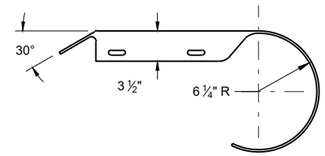
BEARING PLATE (L1)



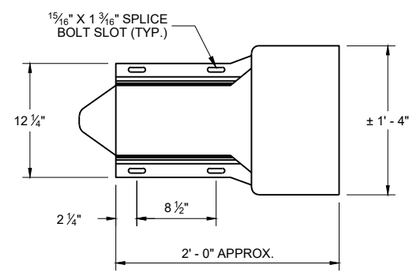
SIDE VIEW

FRONT VIEW

BEARING PLATE ASSEMBLY



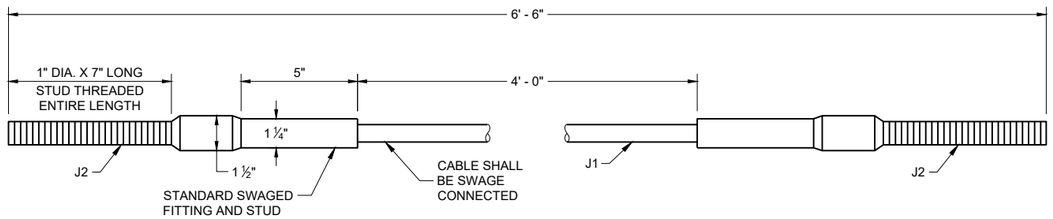
PLAN VIEW



ELEVATION VIEW

ROUNDED BUFFER END (E3)

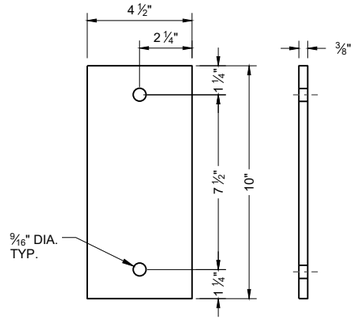
TYPE 2 GUARDRAIL (E1)



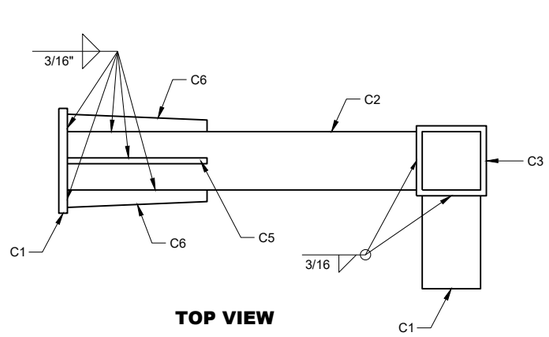
CABLE ASSEMBLY

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

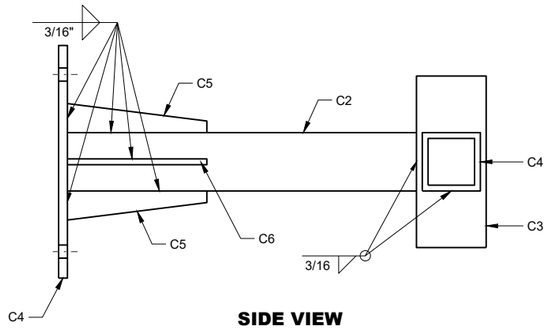
STATE OF WISCONSIN
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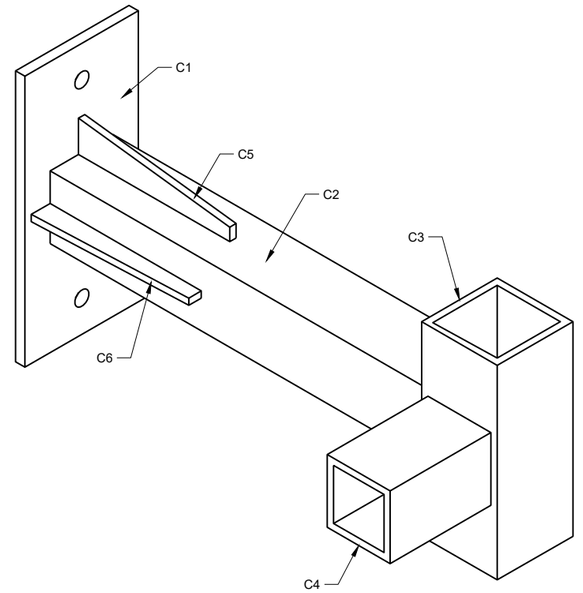
ARM PLATE (C1)



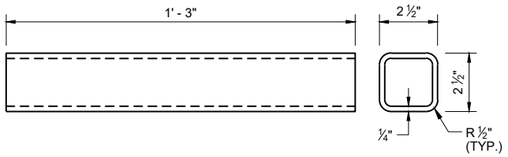
TOP VIEW
ARM ASSEMBLY



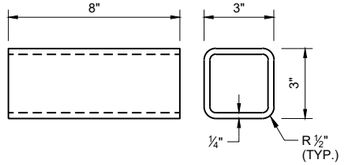
SIDE VIEW
ARM ASSEMBLY



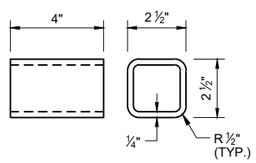
ISOMETRIC VIEW
ARM ASSEMBLY



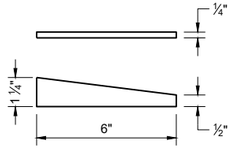
ARM TUBE 1 (C2)



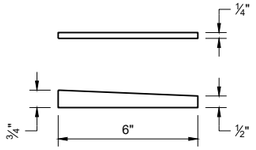
ARM TUBE 2 (C3)



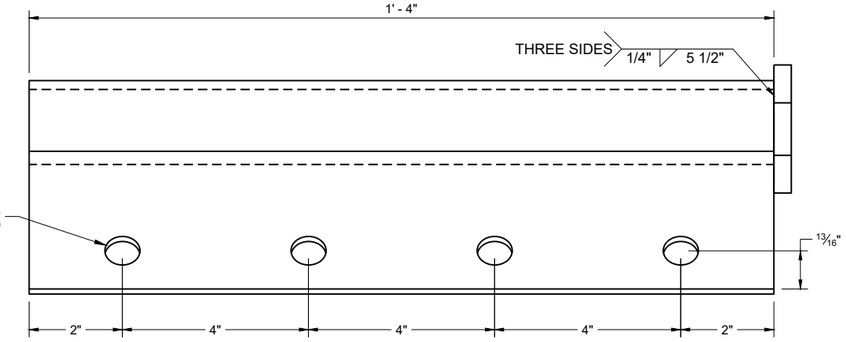
ARM TUBE 3 (C4)

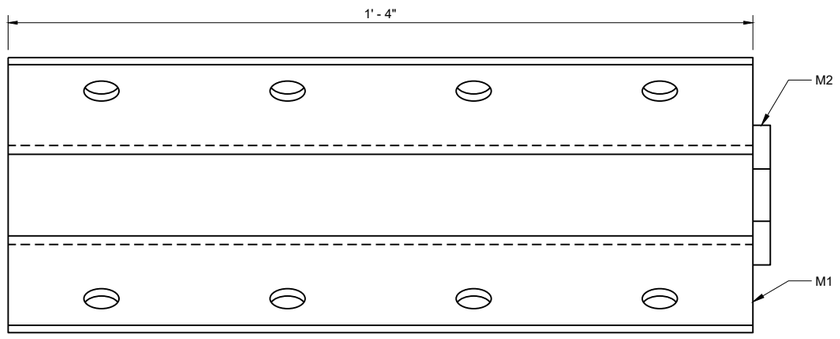


ARM GUSSET PLATE 1 (C5)

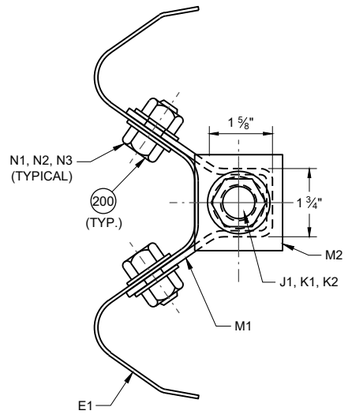


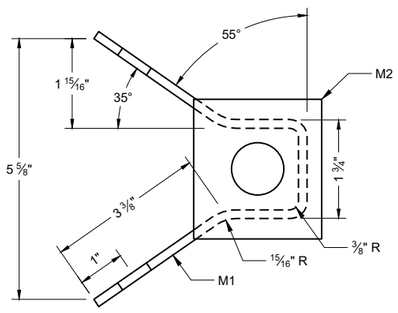
ARM GUSSET PLATE 2 (C6)

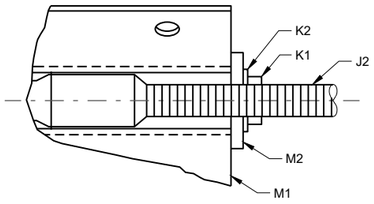




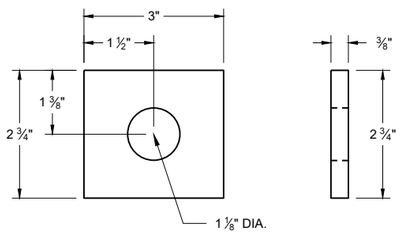
ANCHOR BRACKET (M1, M2)







SECTION A - A



ANCHOR BRACKET BEARING PLATE (M2)

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
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BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	TYPE 2 FOUNDATION TUBE	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
A2	LOWER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
A3	POST GUSSET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
A4	UPPER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/4" THICKNESS
A5	TYPE 2 POST	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI, w6x9 or w6x8.5	
B1	BREAKAWAY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED . PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	7/16" DIA.
B2	BREAKAWAY BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/16" DIA.
B3	BREAKAWAY BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
C1	ARM ASSEMBLY PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
C2	ARM ASSEMBLY TUBE 1	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
C3	ARM ASSEMBLY TUBE 2	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 3" x 3" x 1/4"
C4	ARM ASSEMBLY TUBE 3	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 2 1/2" x 2 1/2" X 1/4"
C5	ARM ASSEMBLY GUSSET PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
C6	ARM ASSEMBLY GUSSET PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
D1	ARM ASSEMBLY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	1/2" DIA.
D2	ARM ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	1/2" DIA.
D3	ARM ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
E1	TYPE 2 GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E2	BEAM GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E3	BEAM GUARD ROUNDED BUFFER END	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
F1	POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
F2	POST BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
F3	POST BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
G1	GROUND STRUT CHANNEL	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" x 11 3/4" x 10 GAUGE
G2	GROUND STRUT CONNECTOR	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
G3	GROUND STRUT PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" THICKNESS

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

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BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
H1	GROUND STRUT BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	7/8" DIA.
H2	GROUND STRUT BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/8" DIA.
H3	GROUND STRUT BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
J1	BCT CABLE	AASHTO M30 / ASTM A741 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN. BREAKING STRENGTH OF 42.7 KIPS	3/4" DIA.
J2	BCT CABLE	UNC 1" ASTM A576 GRADE 1035 SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. MIN BREAKING STRENGTH OF 42.7 KIPS ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."	
K1	CABLE ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1" DIA.
K2	CABLE ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1	1" DIA.
L1	BEARING PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
L2	BEARING PLATE FLANGE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1" THICKNESS
M1	BEAM GUARD ANCHOR BRACKET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	
M2	BEAM GUARD ANCHOR END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
N1	ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
N2	ANCHOR BRACKET BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
N3	ANCHOR BRACKET BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 /ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
P1	FOUNDATION TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
Q1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
Q2	SPLICE NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	5/8" DIA.

6

SDD 14B47-06g

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

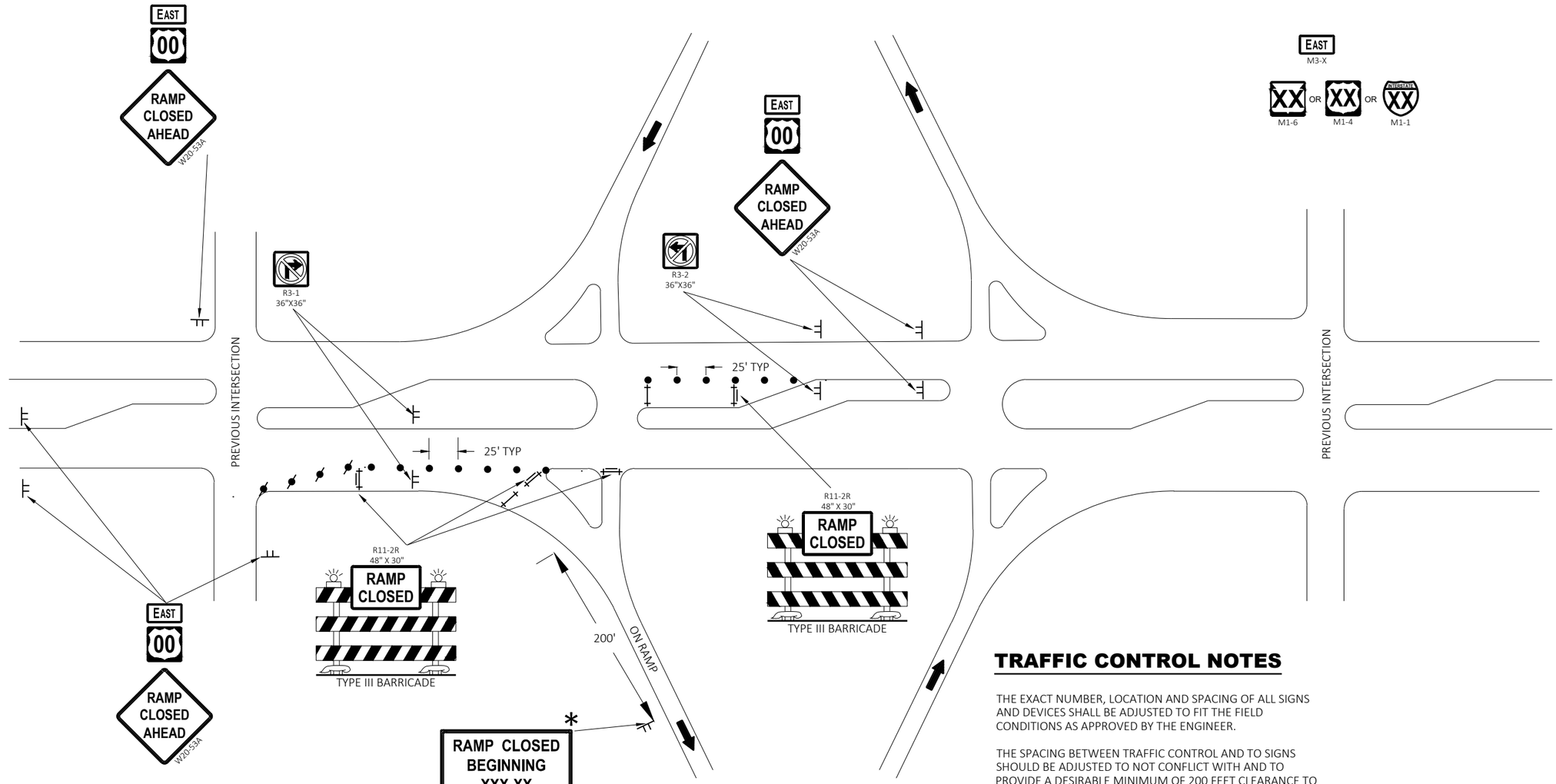
APPROVED
December 2024
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 14B47-06g



LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL NOTES

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

THE SPACING BETWEEN TRAFFIC CONTROL AND TO SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24"x24" (36" x18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-1, M1-4, AND M1-6 SHALL BE 24"x24" (36"x36" IF NEEDED TO MATCH EXISTING SIGNS)
- W20-53A SHALL BE 48"X48"

* PLACE "RAMP CLOSED BEGINNING" SIGN 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR LAYOUT.

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

6
SDD 15C02-09g

GENERAL NOTES

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

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

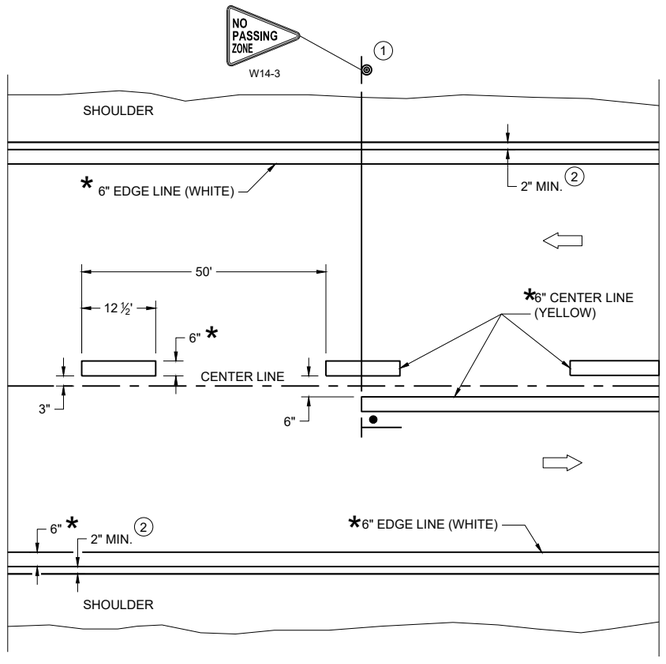
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

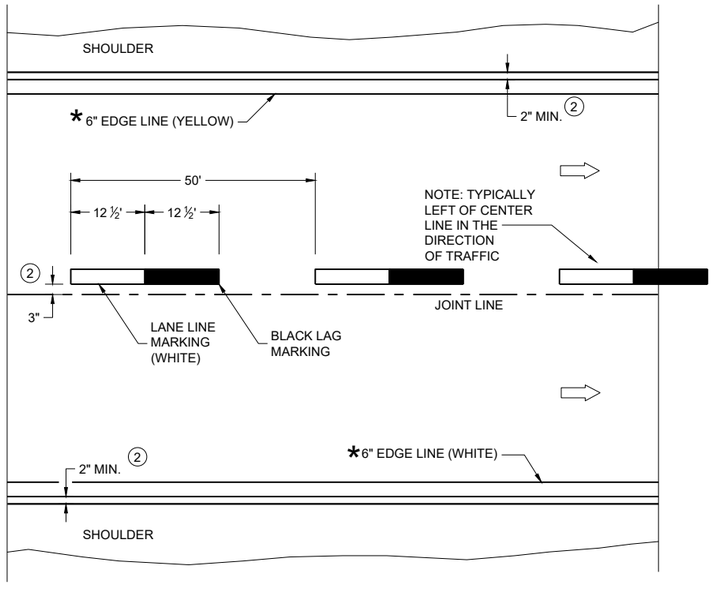
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

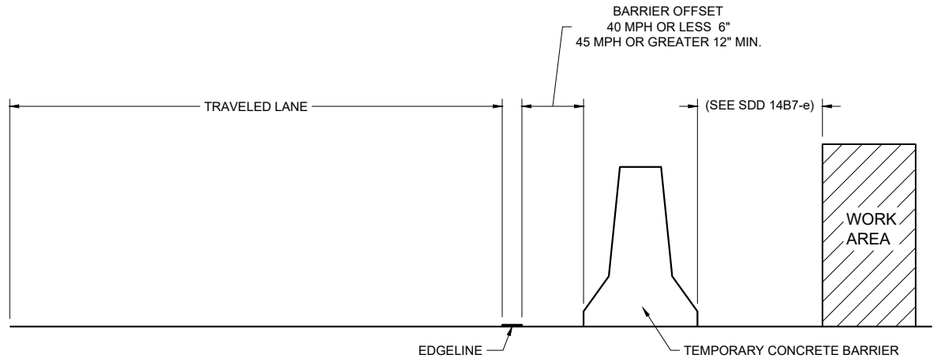
APPROVED

May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

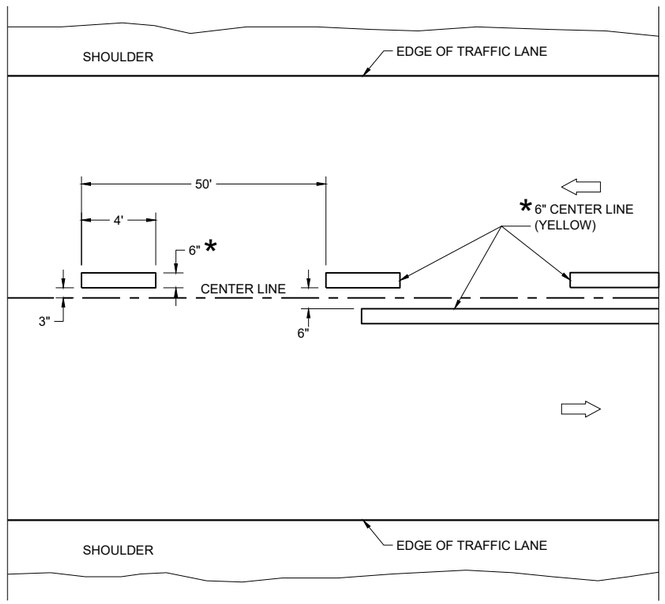
GENERAL NOTES

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

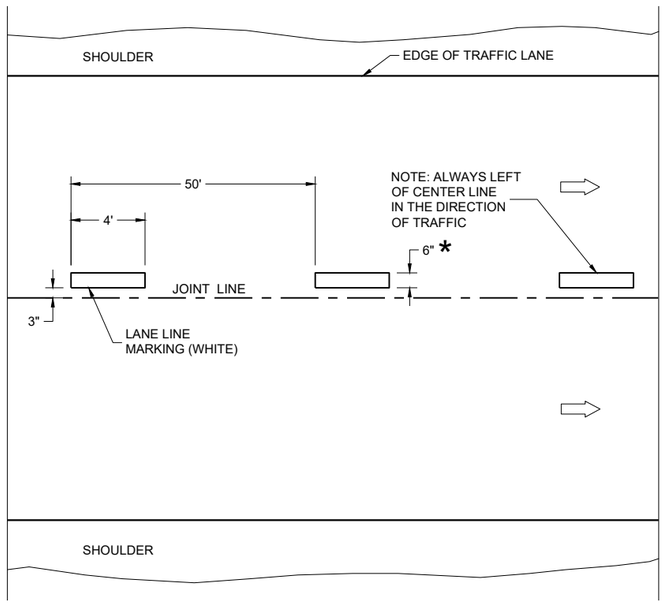
LEGEND

⇨ DIRECTION OF TRAFFIC

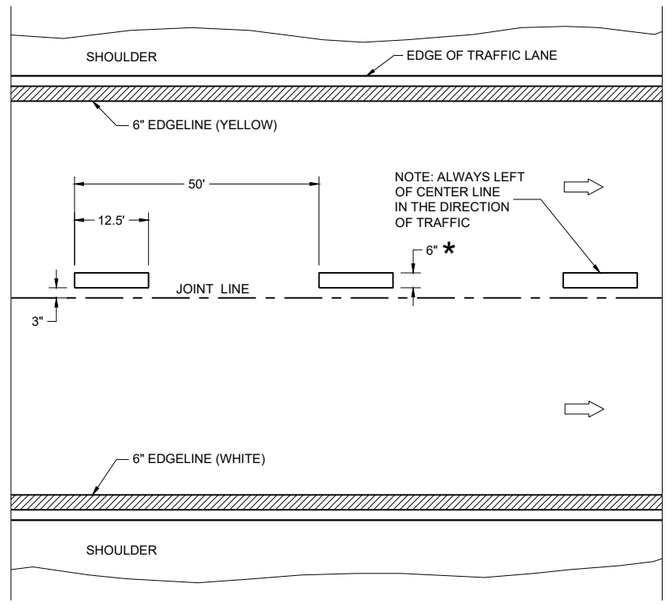
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — Statewide Pavement Marking Engineer
FHWA

6

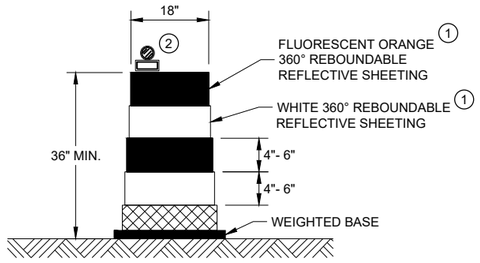
SDD 15C08-23b

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SDD 15C08-23b

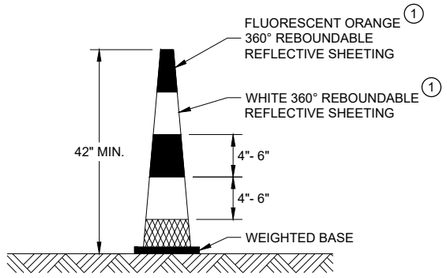
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

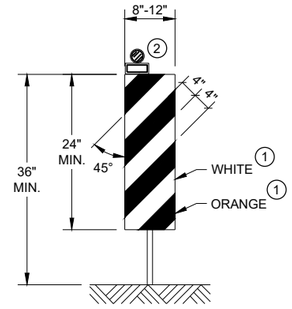
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

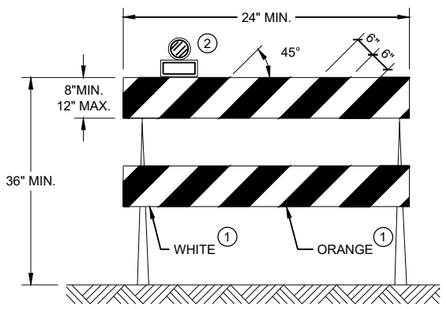
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



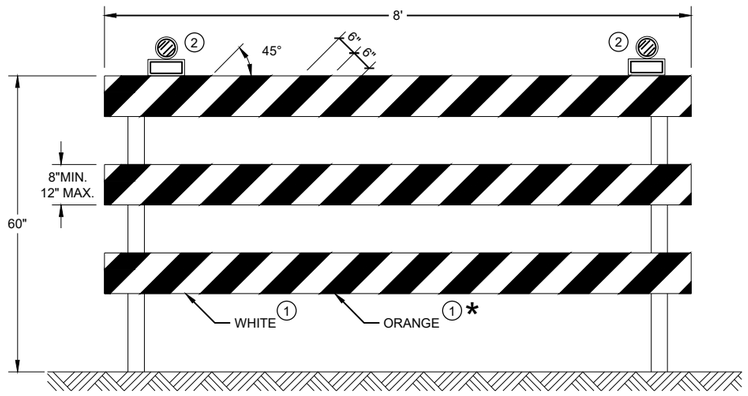
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

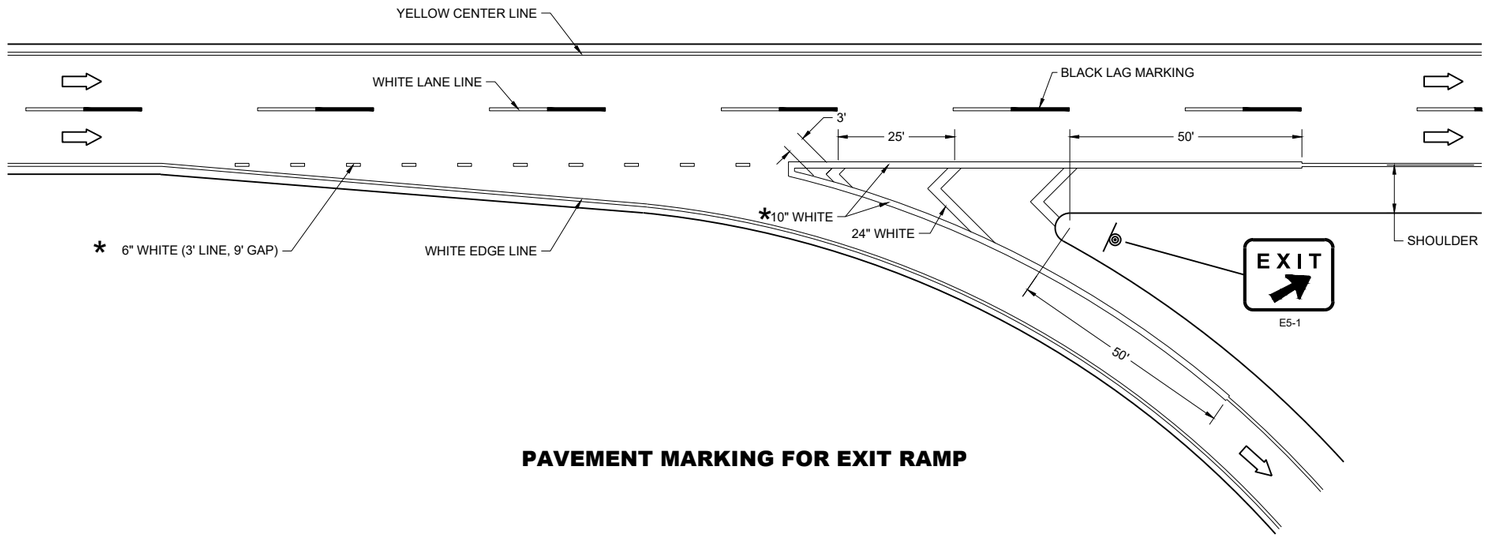
FHWA

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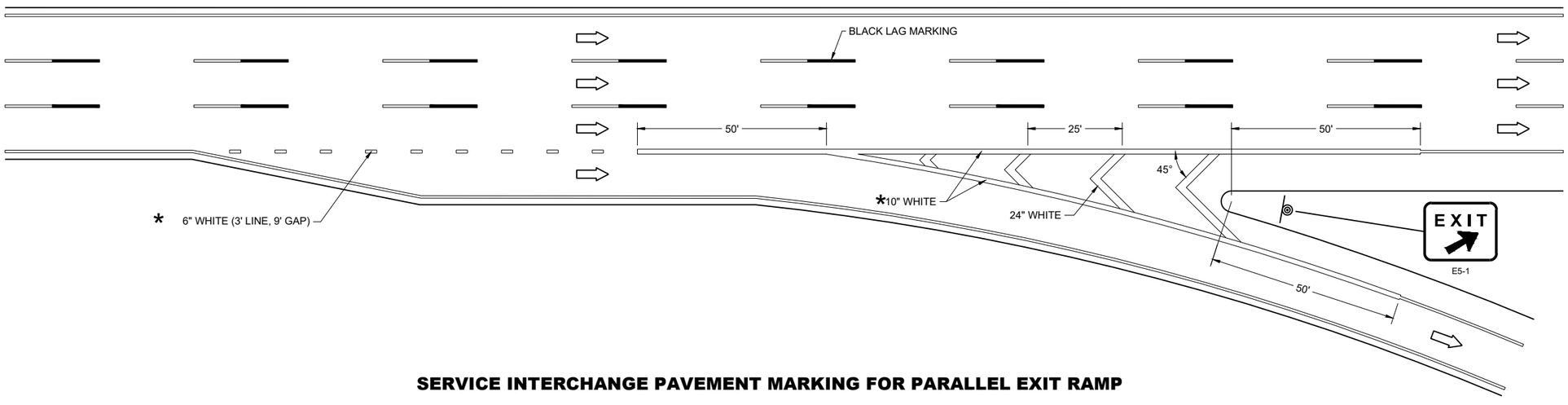
SDD 15C11 - 10b

6

SDD 15C11 - 10b



PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT RAMP

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

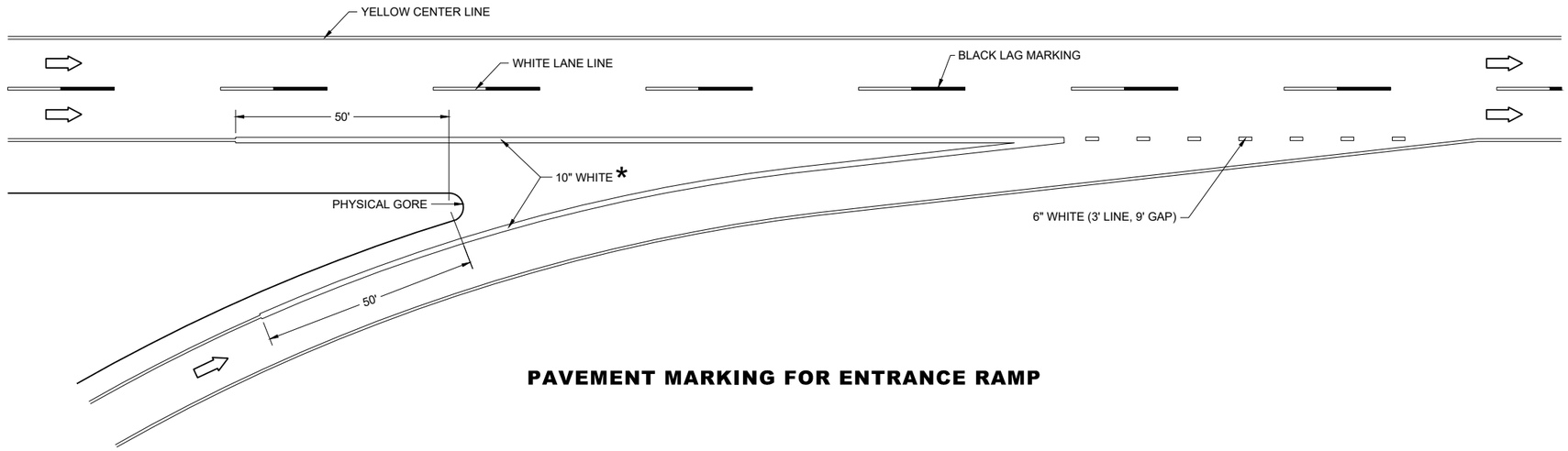
PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15C31-08a

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

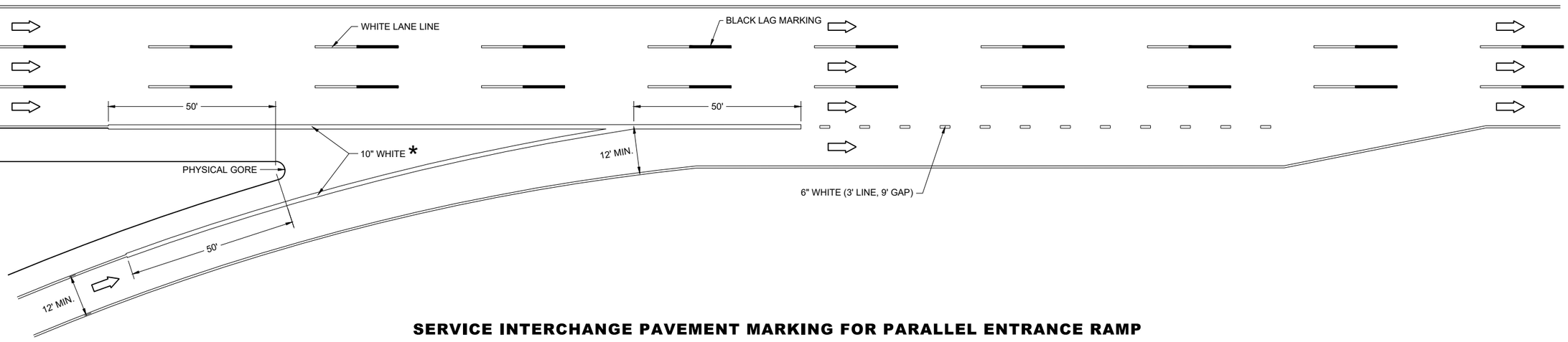


PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE RAMP

6

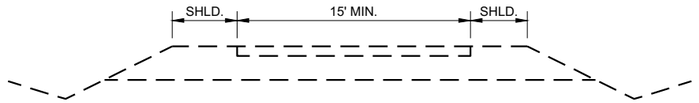
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SDD 15C31-08c

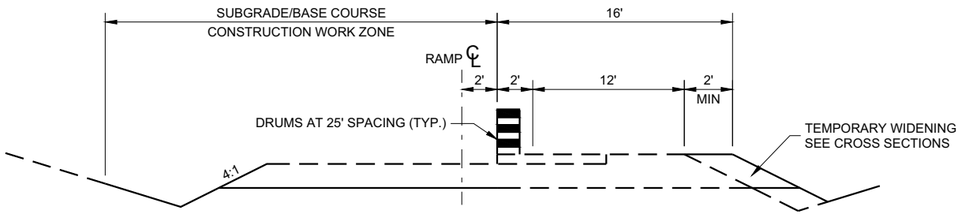
SDD 15C31-08c

PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

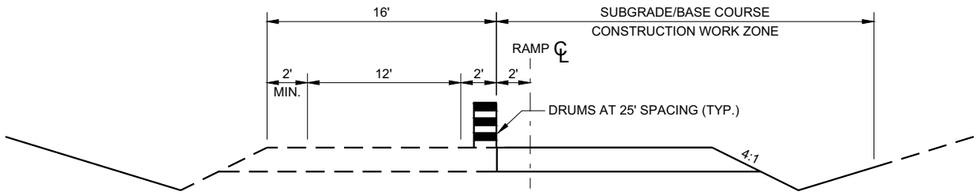
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



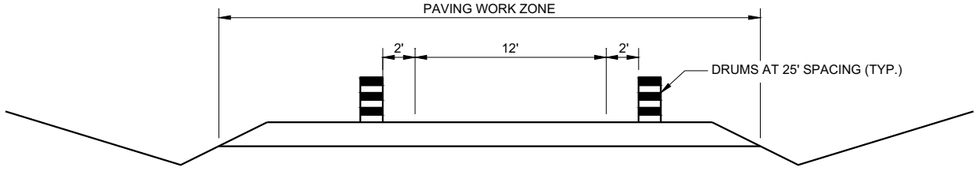
INITIAL RAMP - TYPICAL



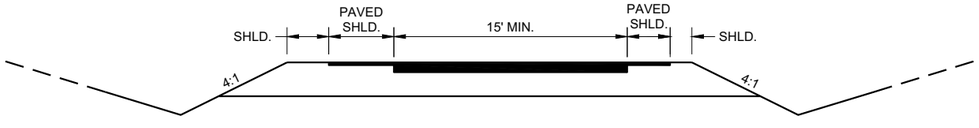
STAGE I - CONSTRUCTION TO SUBGRADE, LEFT



STAGE II - CONSTRUCTION TO SUBGRADE, RIGHT



STAGE III - TRAFFIC ON BASE COURSE



STAGE IV - PAVING

GENERAL NOTES

WORK SHALL BE SCHEDULED FOR ALL STAGES TO MINIMIZE INCONVENIENCE TO THE TRAFFIC USING THE RAMP WHILE IT IS ONLY BASE COURSE.

IN STATE III, A MINIMUM 12' LANE WIDTH SHALL BE DELINEATED WITH DRUMS ALONG BOTH EDGES AT ALL TIMES UNTIL PAVED AND PAVEMENT MARKINGS ARE PLACED.

6

SDD 15D04 - 01

TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 1994
DATE

/S/ Chester J. Spano
DIRECTOR, OFFICE OF TR

FHWA

6

SDD 15D04 - 01

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.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

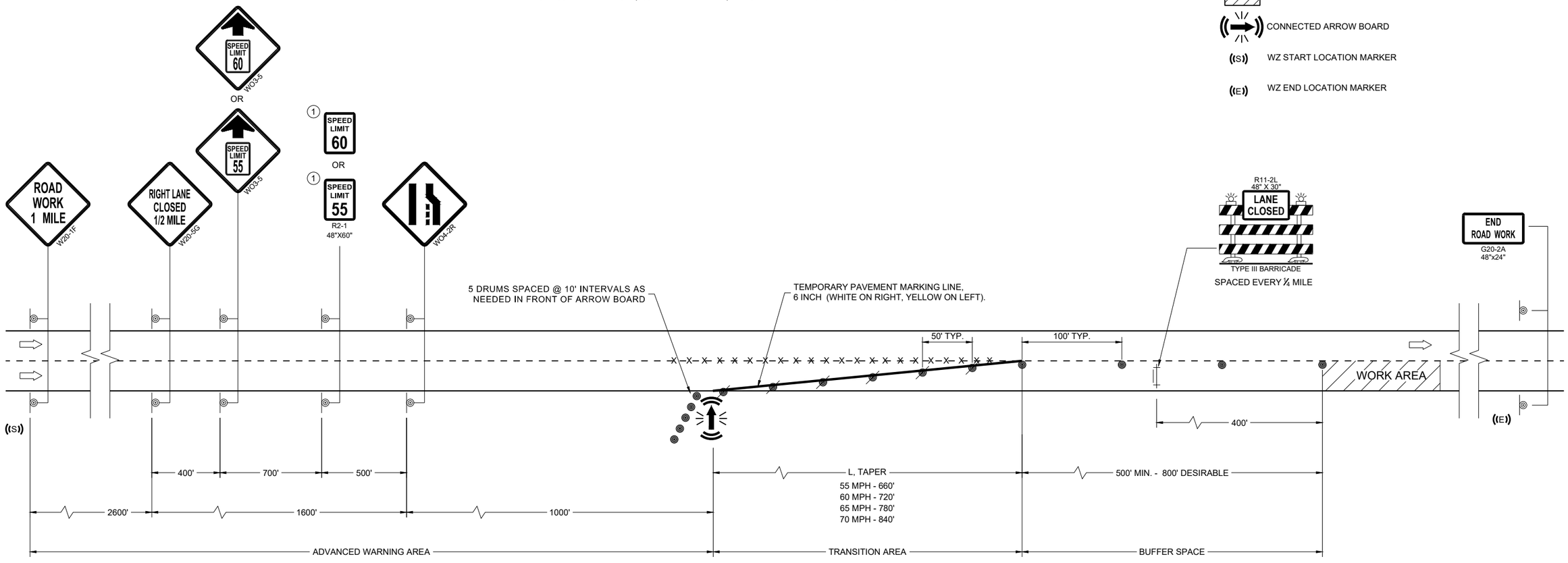
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIRABLE) BEYOND THE "END OF ROADWORK" SIGN.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

6
SDD 15D12-14b

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER
- CONNECTED ARROW BOARD
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- (S) — PORTABLE TRAFFIC SENSOR (PTS)
- FBS — FLASHING BEACON SIGNS

STOPPED OR SLOW TRAFFIC WHEN FLASHING
WO8-76
96" x 48"

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED SIGNS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS. WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

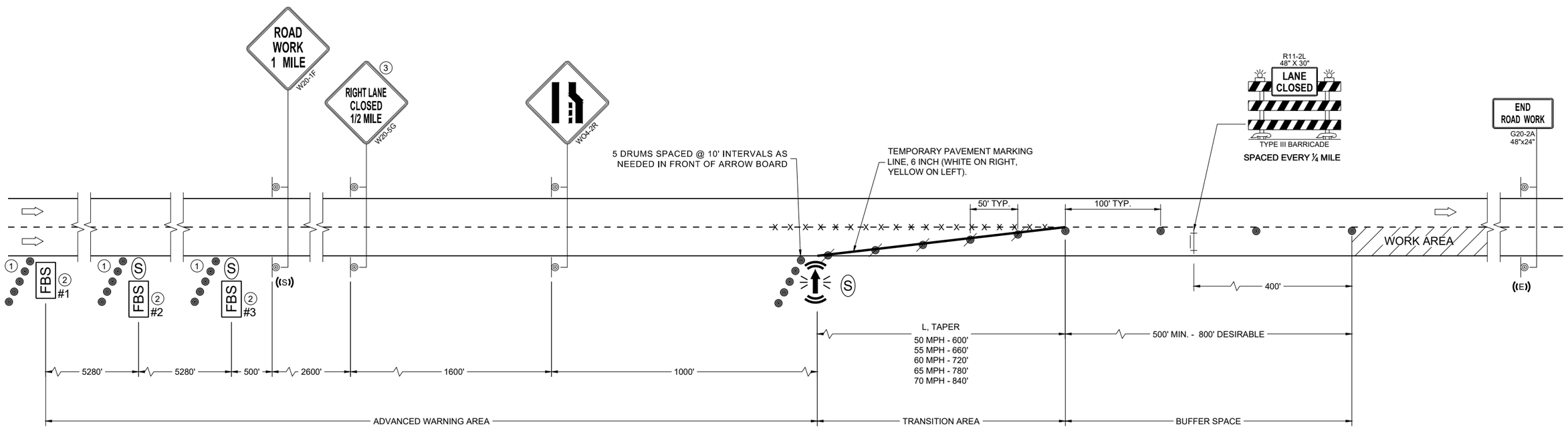
CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

PORTABLE TRAFFIC SENSOR (PTS) MAY BE MOUNTED ON THE FBS, ARROW BOARD OR OTHER TRAILER DEVICES.

(1) 5 DRUMS SPACED AT 10 FOOT INTERVALS AS NEEDED.

(2) IF THERE ARE MORE THAN TWO LANES OR IF SPECIFIED IN THE PLANS, PLACE FBS ON BOTH SIDES OF THE ROADWAY.

(3) IF THERE IS AN APPROVED TEMPORARY SPEED DECLARATION, ADD WO-3-5 SIGNS 400 FEET AFTER THE W20-5G SIGNS AND ADD R2-1 SIGNS (48"x60") 700 FEET AFTER THE WO3-5 SIGNS. A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A "RESUME SPEED LIMIT" SIGN 200 FEET MINIMUM (800 FEET DESIRABLE) BEYOND THE G30-3A "END ROAD WORK" SIGN.



TRAFFIC CONTROL, LANE CLOSURE, BASIC TRAFFIC QUEUE WARNING SYSTEM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Erin Schwark — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6 SDD 15D12-14d

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- (S) — PORTABLE TRAFFIC SENSOR (PTS)
- (S) — WZ START LOCATION MARKER
- (E) — WZ END LOCATION MARKER

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED SIGNS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

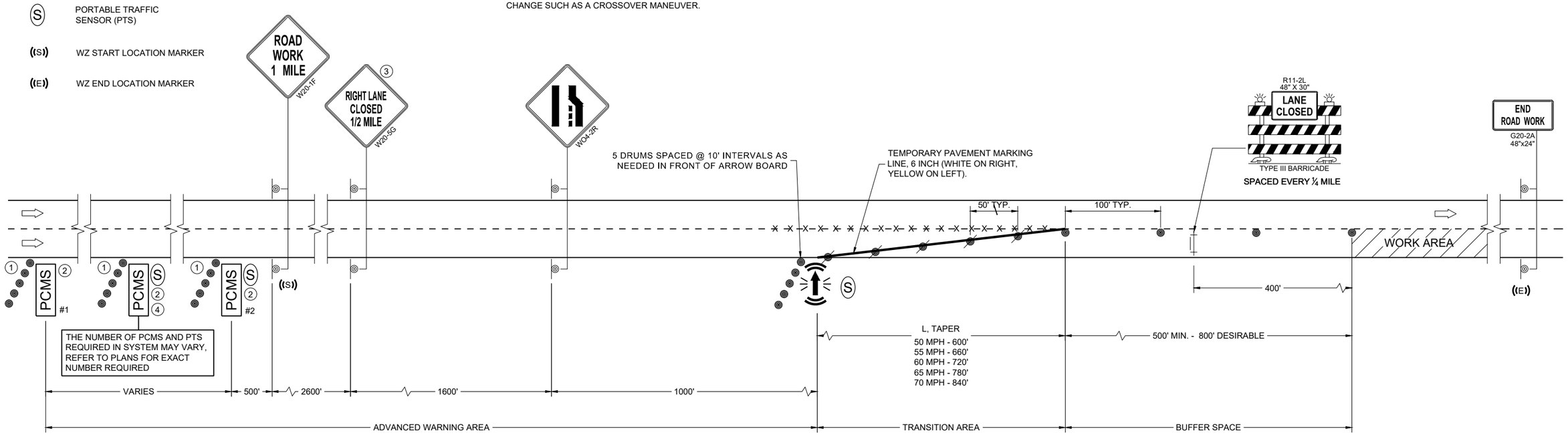
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

PORTABLE TRAFFIC SENSOR (PTS) MAY BE MOUNTED ON PCMS, ARROW BOARD OR OTHER TRAILER DEVICES.

1. 5 DRUMS SPACED AT 10 FOOT INTERVALS AS NEEDED.
2. IF THERE ARE MORE THAN TWO LANES OR IF SPECIFIED IN THE PLANS, PLACE PCMS ON BOTH SIDES OF THE ROADWAY.
3. IF THERE IS AN APPROVED TEMPORARY SPEED DECLARATION, ADD WO-3-5 SIGNS 400 FEET AFTER THE W20-5G SIGNS AND ADD R2-1 SIGNS (48"x60") 700 FEET AFTER THE WO3-5 SIGNS. A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A "RESUME SPEED LIMIT" SIGN 200 FEET MINIMUM (800 FEET DESIRABLE) BEYOND THE G30-3A "END ROAD WORK" SIGN.
4. PLACE PCMS EVERY ONE MILE BETWEEN PCMS #1 AND PCMS #2, OR AS THE ENGINEER DIRECTS. THE NUMBER OF PCMS MAY BE MORE THAN SHOWN ON THIS DETAIL.
5. PCMS SHALL FOLLOW ARROW BOARD STANDARDS WHEN DISPLAYING FLASHING FOUR CORNER CAUTION MODE OR ARROW MERGE MODE.



⑤ PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

TRAFFIC CONTROL, LANE CLOSURE, TRAFFIC QUEUE WARNING SYSTEM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Erin Schwark — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6 SDD 15D12-14e

6 SDD 15D12-14e

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1E AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS.

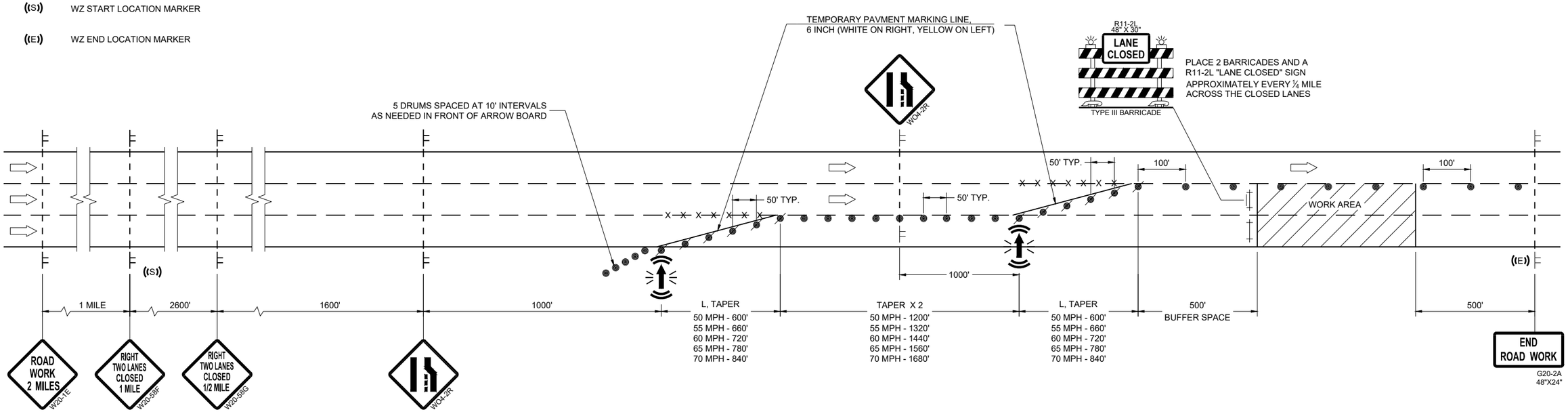
WHEN A RAMP OR SIDE ROAD INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.



TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D14-08

6

SDD 15D14-08

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

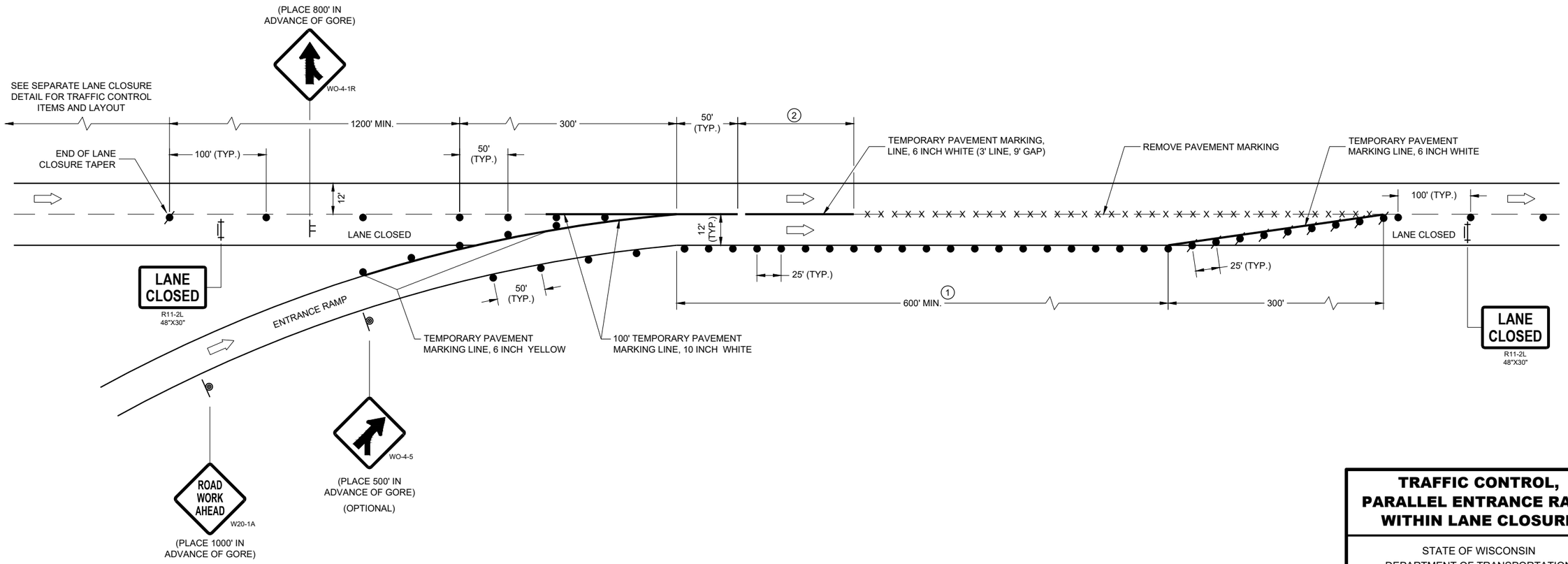
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) EXTEND THE LENGTH OF THE MERGE ARE IF THE ENTERING (DESIGN) SPEED IS LESS THAN 50MPH OR IF THE MAINLINE GRADE EXCEEDS ±2.2%.

(2) END TEMPORARY PAVEMENT MARKING LINE AT ½ THE LENGTH OF FULL WIDTH OF THE ACCELERATION LANE.



TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D15-07a

6

SDD 15D15-07a

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS /OR DRUMS IN THE GORE BETWEEN THE EXIT RAMP AND MAINLINE TRAFFIC.

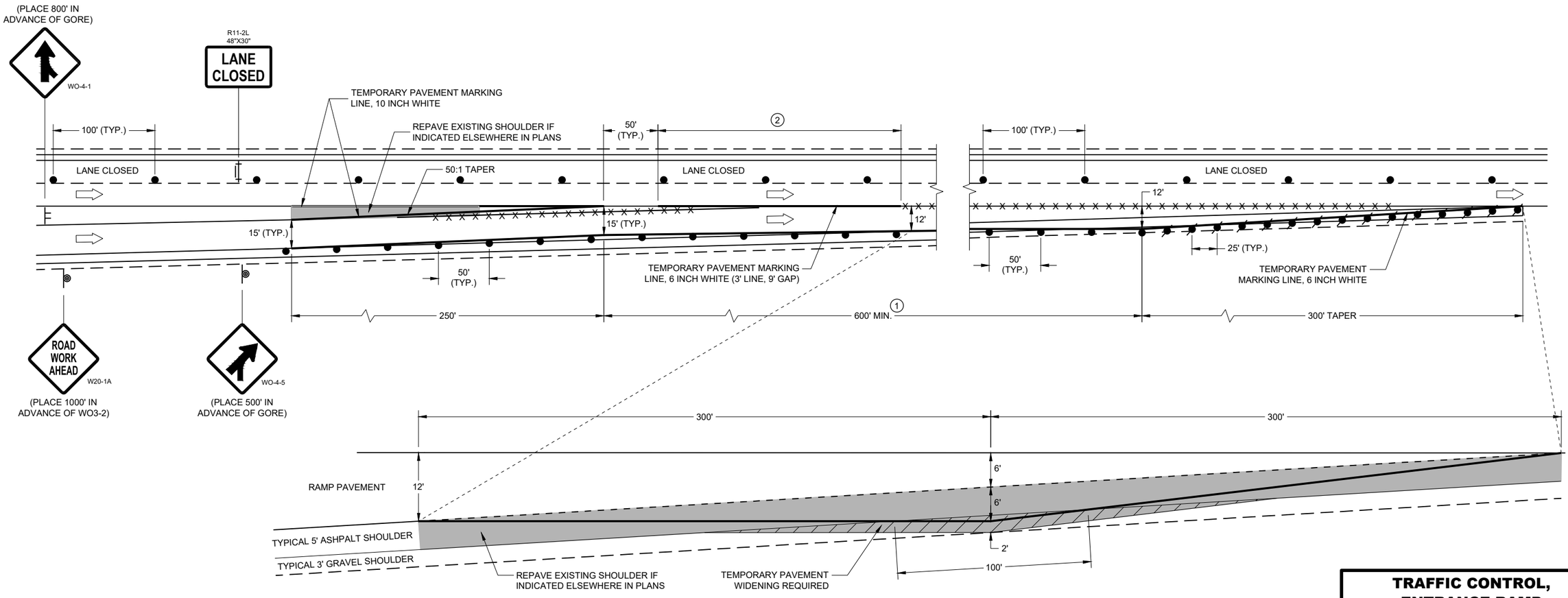
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) EXTEND THE LENGTH OF THE MERGE AREA IF THE ENTERING (DESIGN) SPEED OF THE RAMP IS LESS THAN 50 MPH OR IF THE MAINLINE GRADE EXCEEDS ±2.2%.

(2) END TEMPORARY PAVEMENT MARKING LINE AT ½ THE LENGTH OF FULL WIDTH OF THE ACCELERATION LANE.



TEMPORARY PAVEMENT DETAIL

(EXISTING RAMP DIMENSIONS MAY VARY, ADJUST TEMPORARY PAVEMENT ACCORDINGLY)

TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6

SDD 15D15-07b

6

SDD 15D15-07b

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)

TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" X 16" MIN., ORANGE

DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

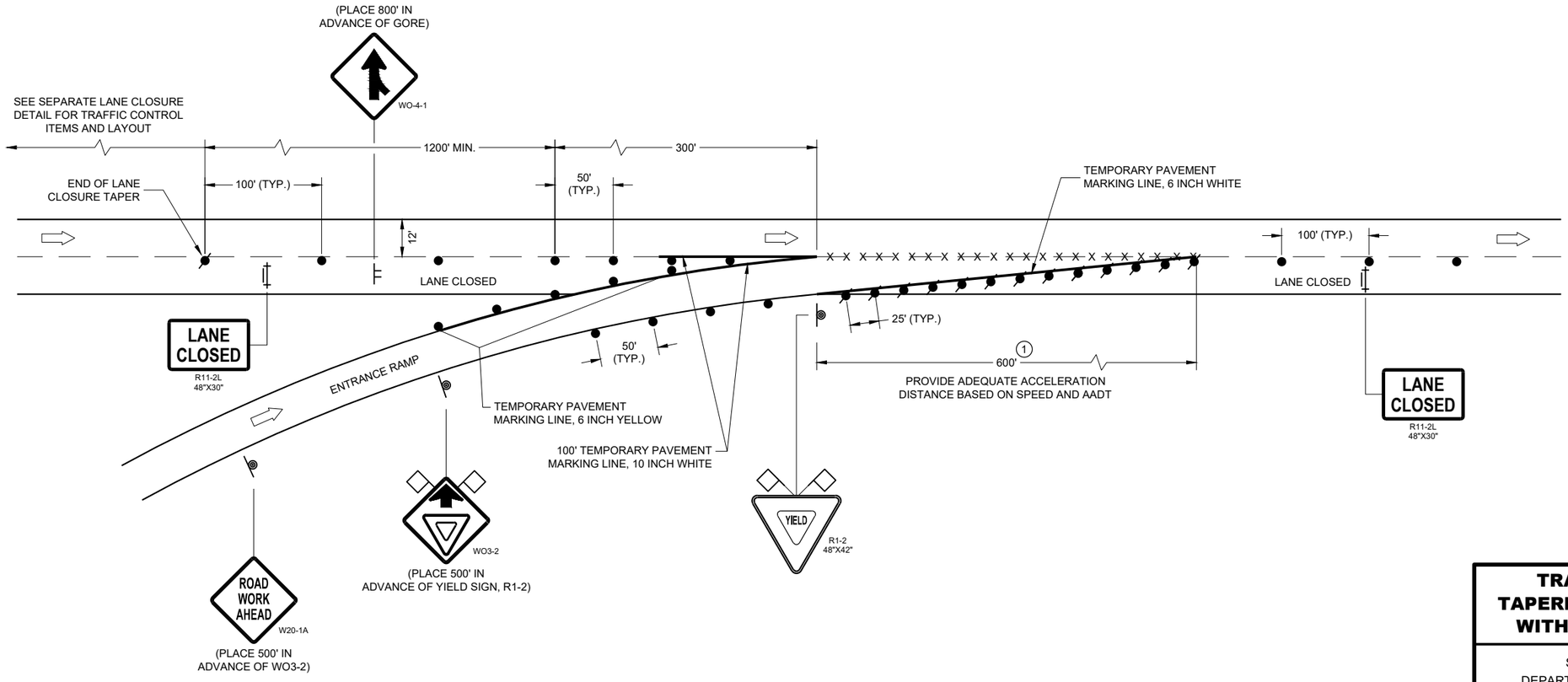
IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) CONSULT WITH REGIONAL WORK ZONE ENGINEER IF NEED TO REDUCE LENGTH EXISTS.



TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D15-07c

6

SDD 15D15-07c

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" X 16" MIN., ORANGE

DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

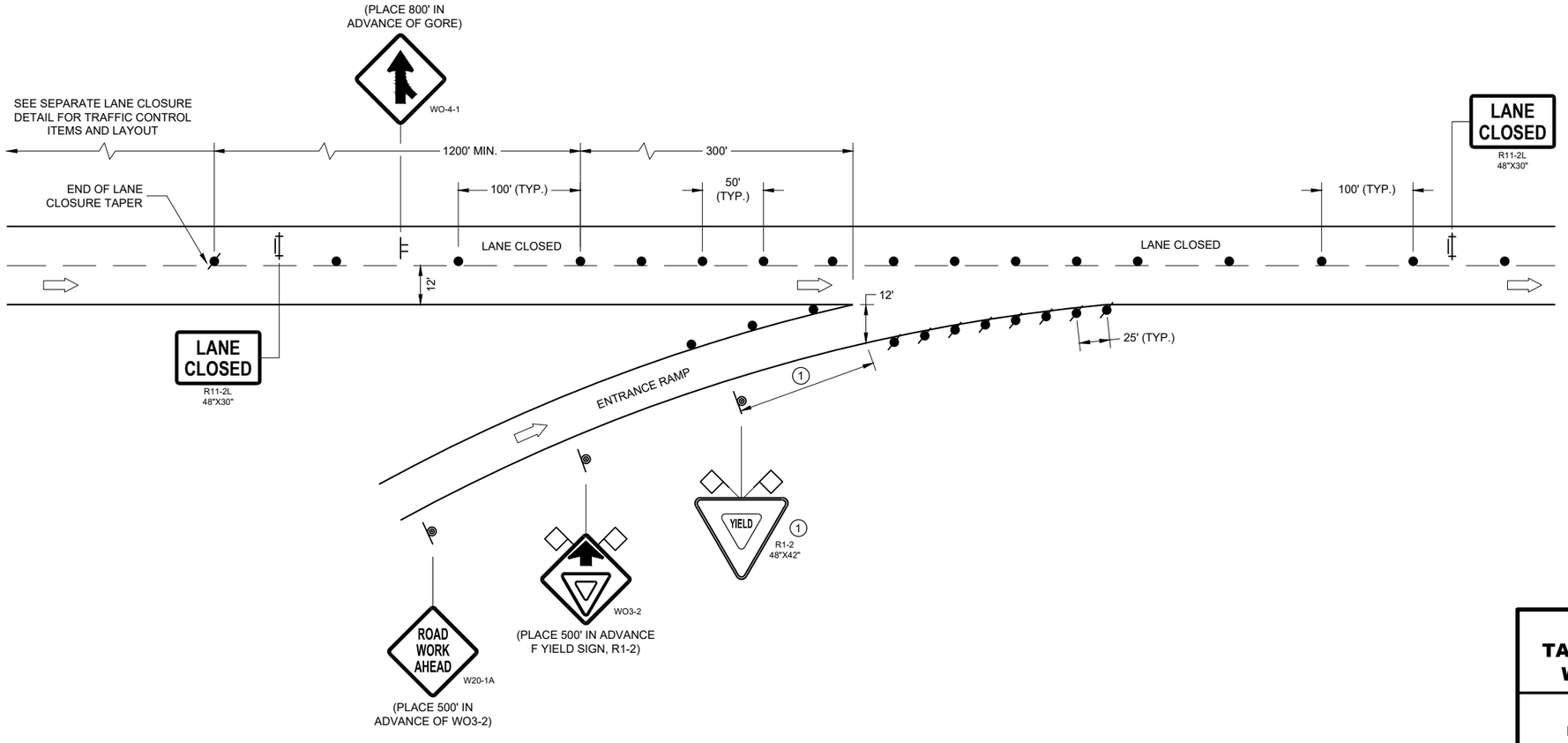
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IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) PLACE YIELD SIGN TO PROVIDE ADEQUATE SIGHT DISTANCE AND ACCELERATION DISTANCE.



TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D15-07d

6

SDD 15D15-07d

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

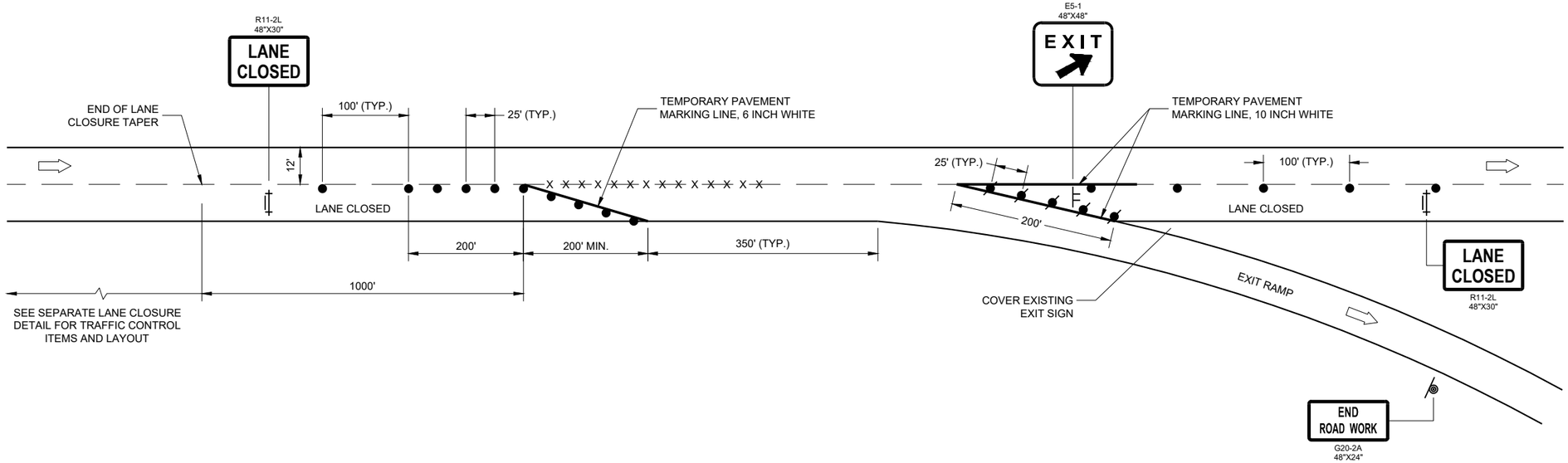
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE EXIT RAMP AND MAINLINE TRAFFIC.

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.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.



TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6
SDD 15D15-07e

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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.

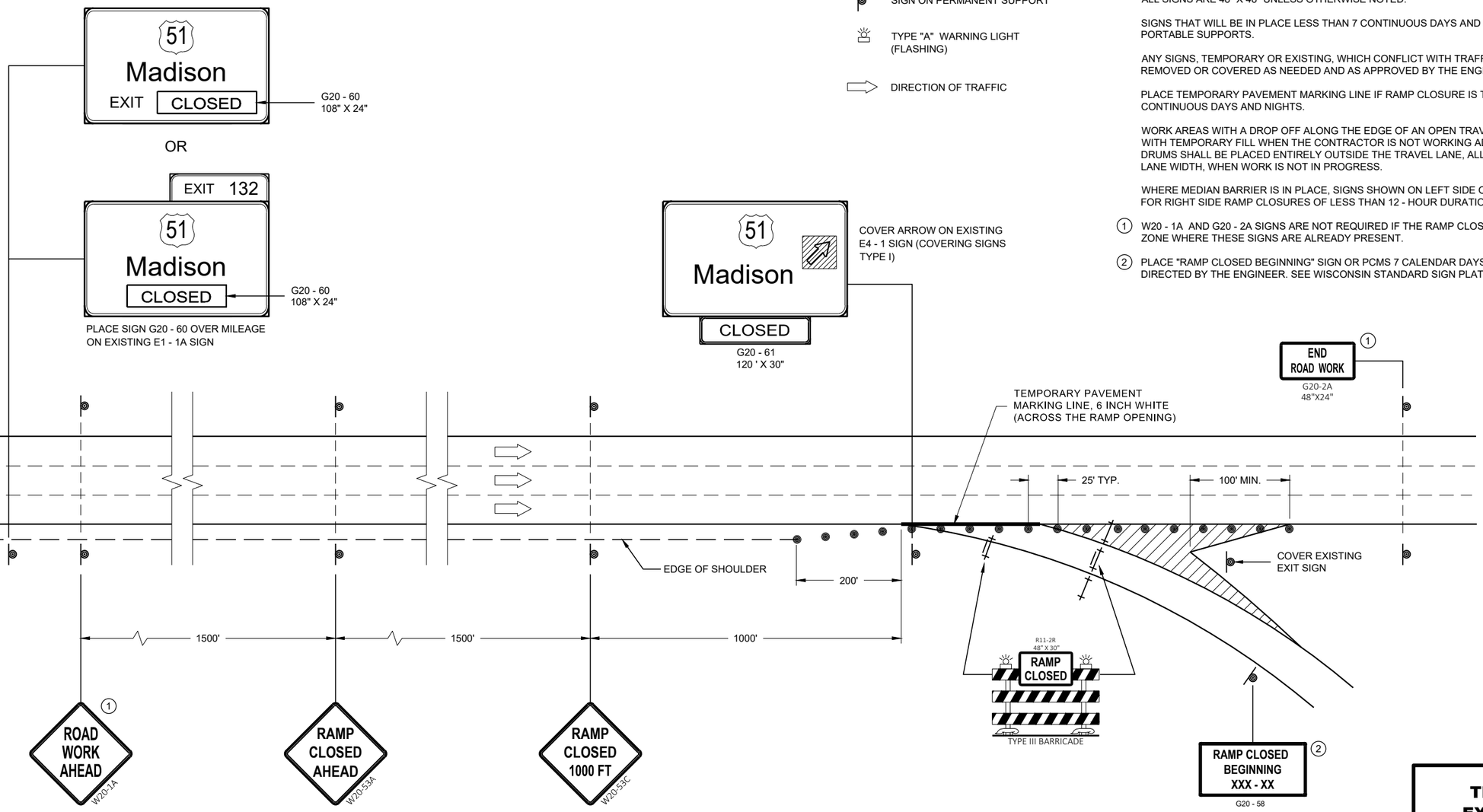
PLACE TEMPORARY PAVEMENT MARKING LINE IF RAMP CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12 - HOUR DURATION.

(1) W20 - 1A AND G20 - 2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

(2) PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



OR

PCMS MESSAGING

FRAME 1	FRAME 2
RAMP TO CLOSE	XXXDAY XX XX XX

TRAFFIC CONTROL, EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

SDD 15D16-06

LEGEND

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

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

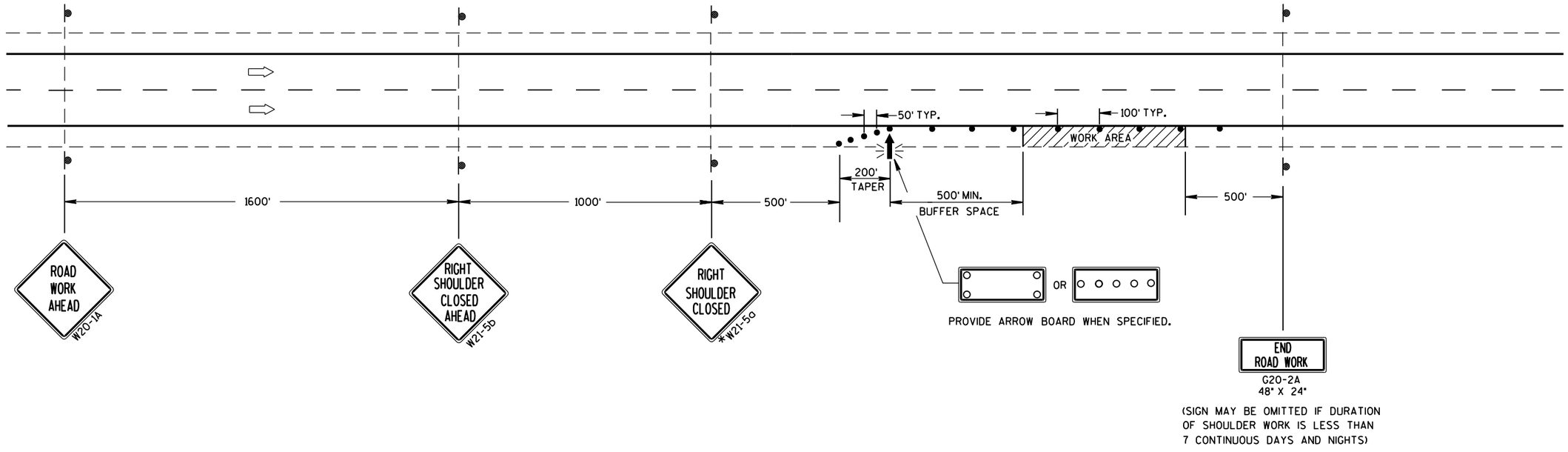
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

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

WHEN A 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.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

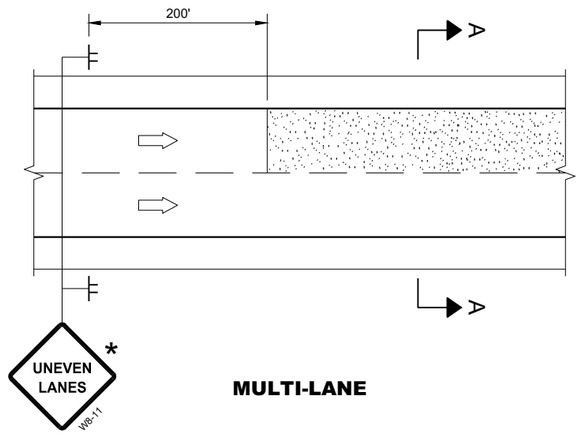
June 2016 — DATE

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

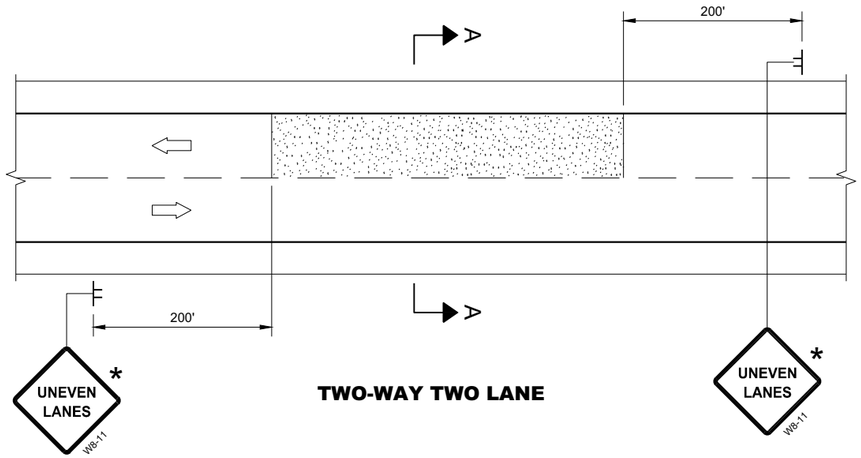
FHWA

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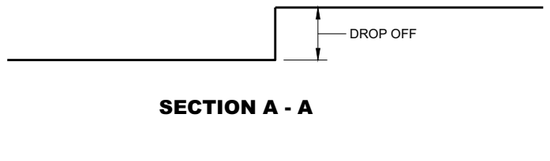
S.D.D. 15 D 27-3



MULTI-LANE

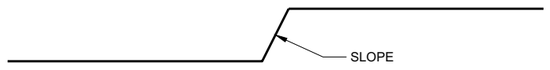


TWO-WAY TWO LANE

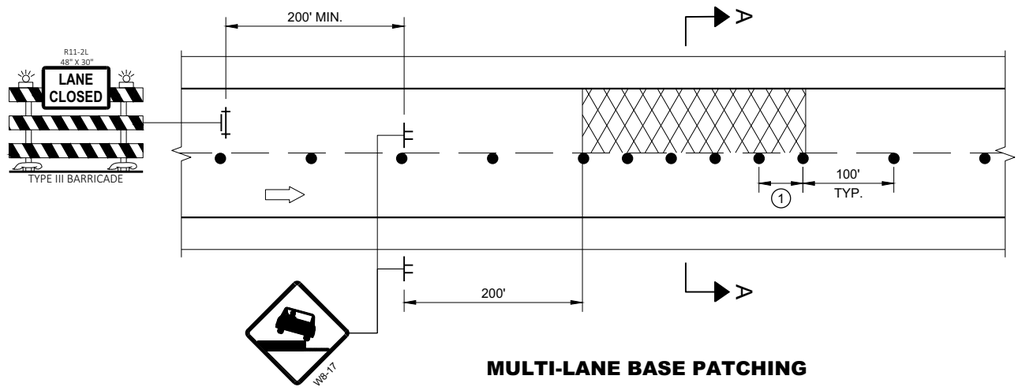


SECTION A - A

OR

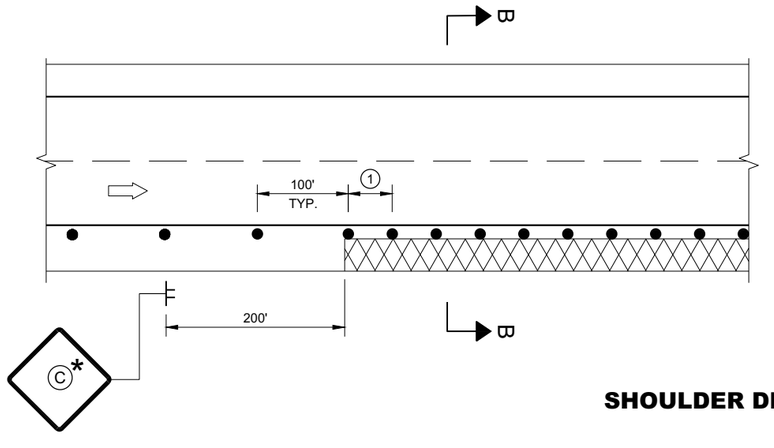


SECTION A - A

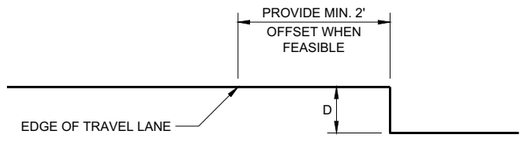


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

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

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

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

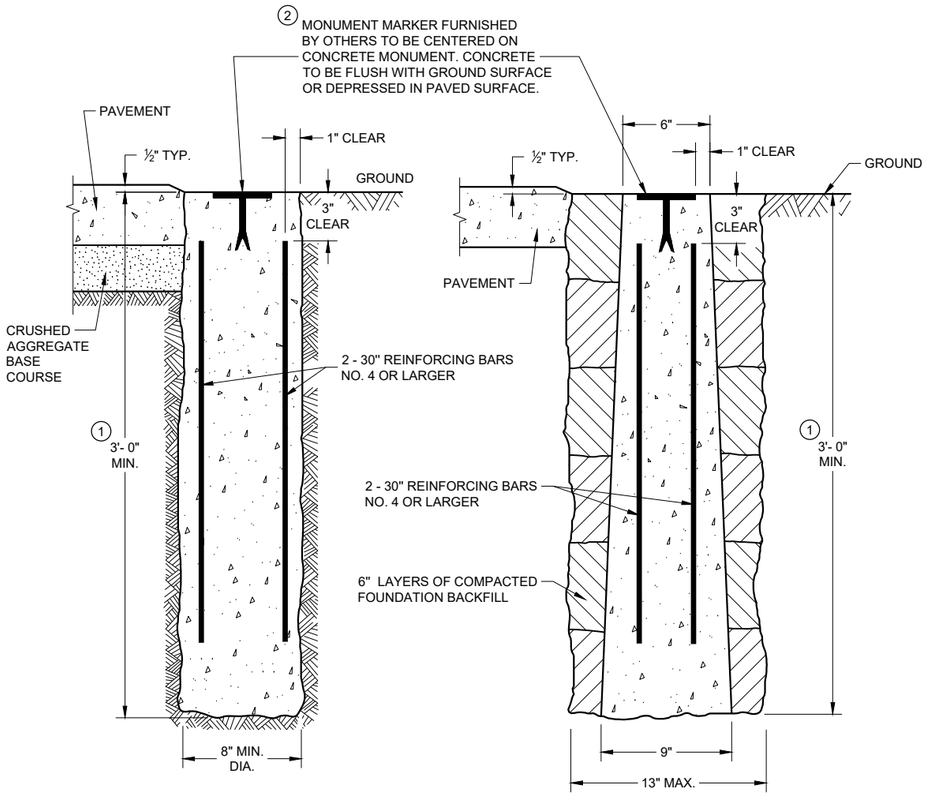
TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE

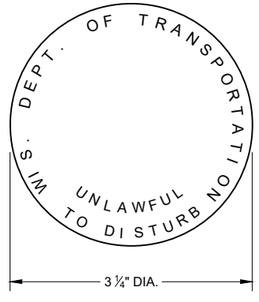
FHWA

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SDD 15D39 - 02



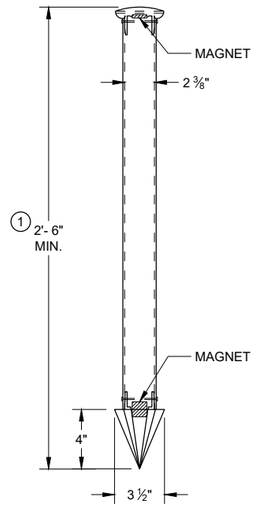
CAST-IN-PLACE **PRECAST**

CONCRETE MONUMENTS
TYPE A

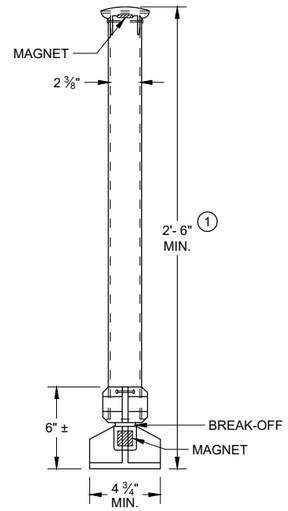


② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C" & "D"

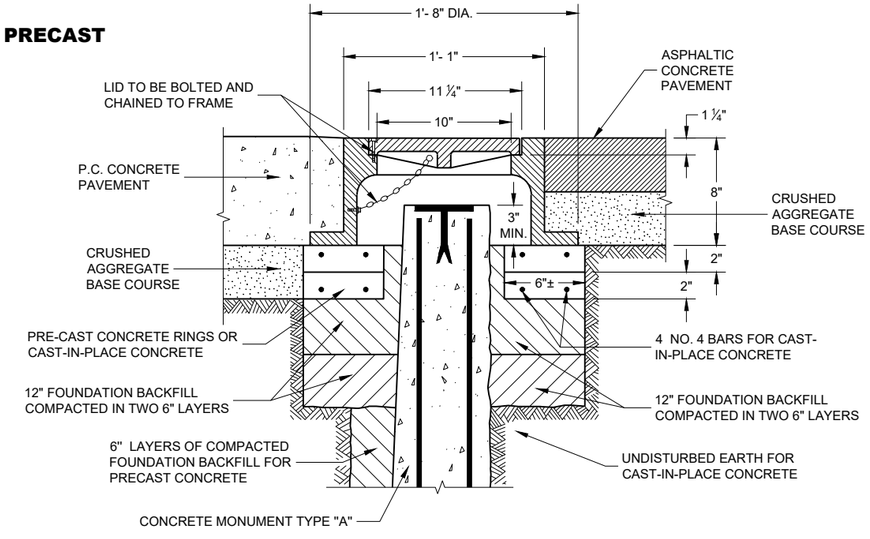


TYPE C
DRIVEN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS
(INCLUDES MARKER)



CAST IRON MONUMENT COVER
(APPROXIMATE WEIGHT 95 LBS)

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.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

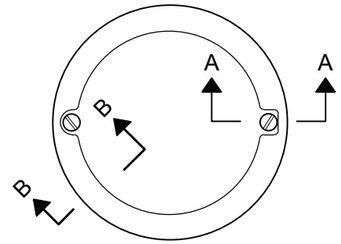
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

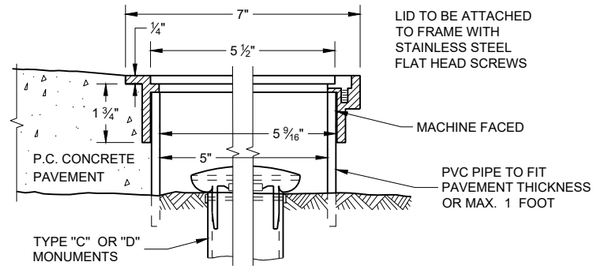
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WISDOT MARKER.



TOP VIEW



SECTION B-B **SECTION A-A**

ALUMINUM MONUMENT COVER
(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

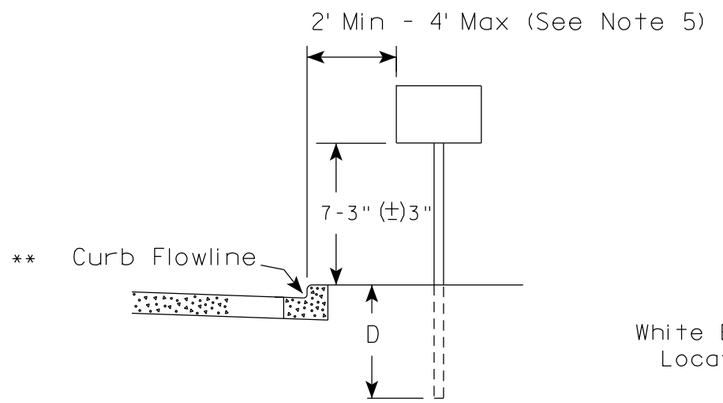
/S/ Raymond A. Kumapayii
CHIEF SURVEYING AND MA
ENGINEER

FHWA

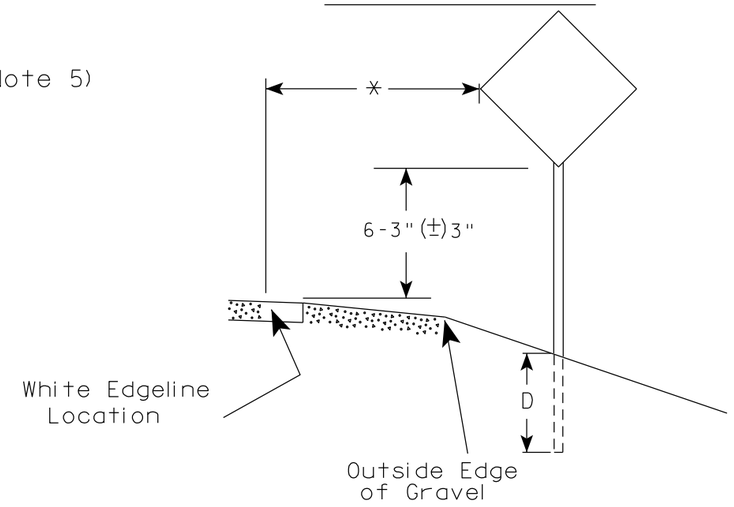
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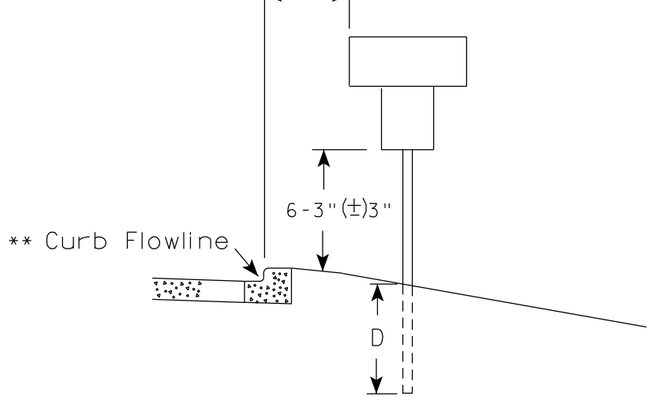
SDD 16A01 - 07

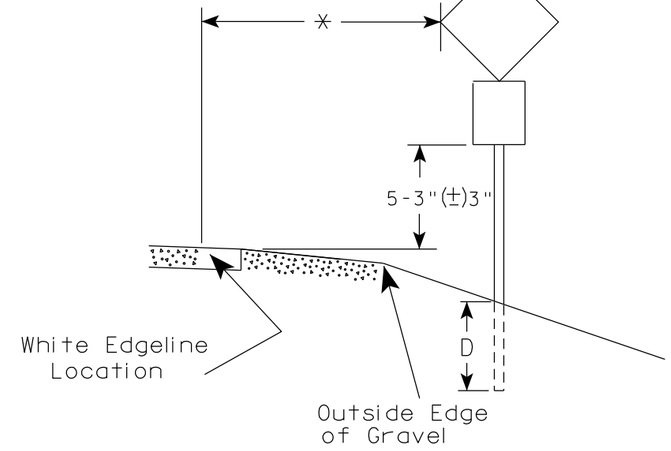
URBAN AREA



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.

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

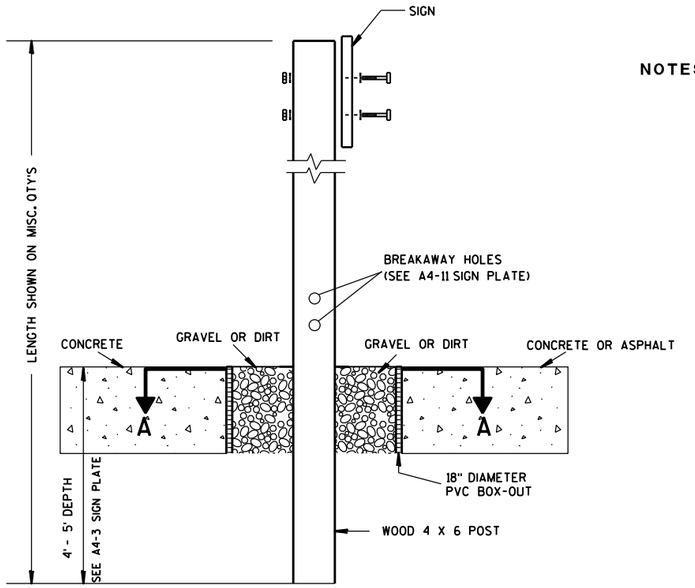
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

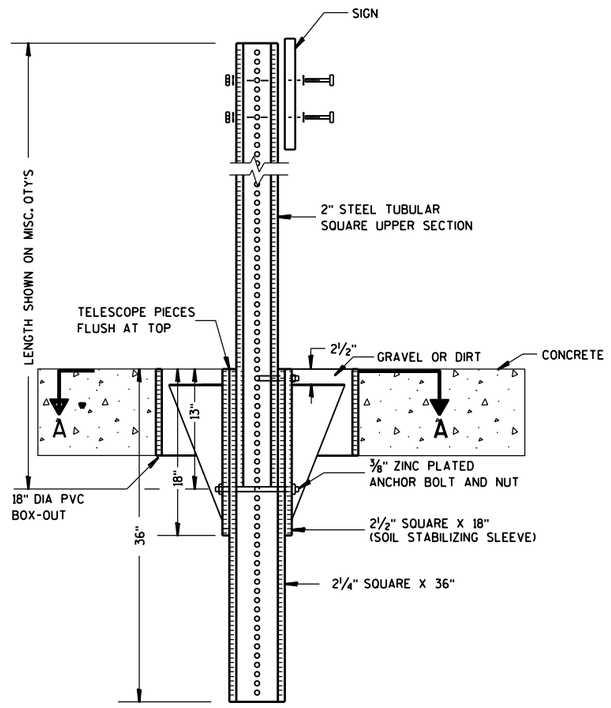
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 147	E



ELEVATION VIEW

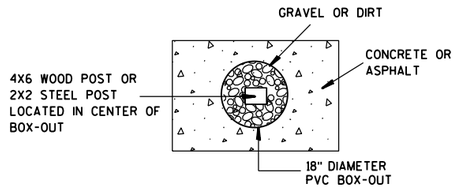
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

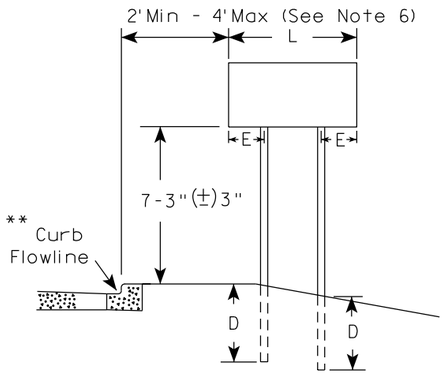
APPROVED Matthew R Rauch
for State Traffic Engineer

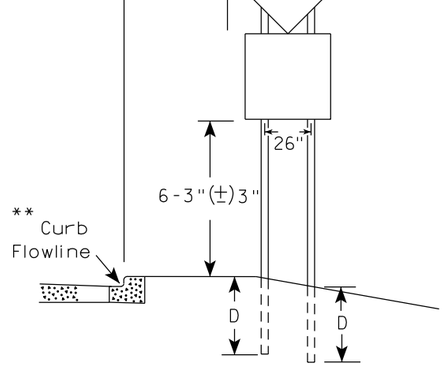
DATE 1/27/14 PLATE NO. A4-3B.1

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

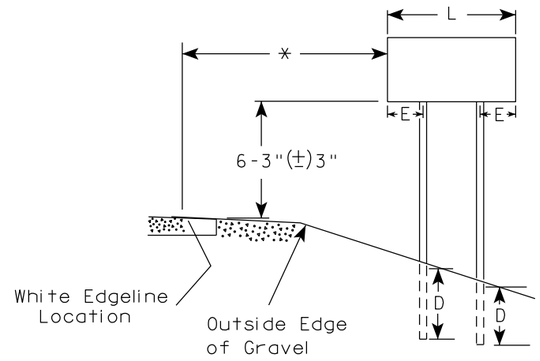
URBAN AREA

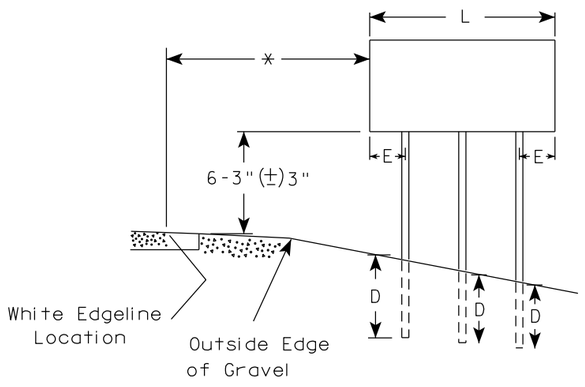


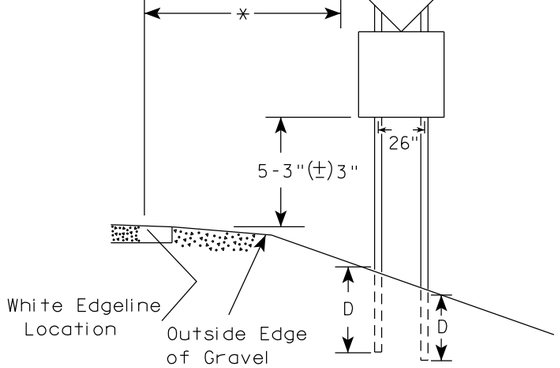


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

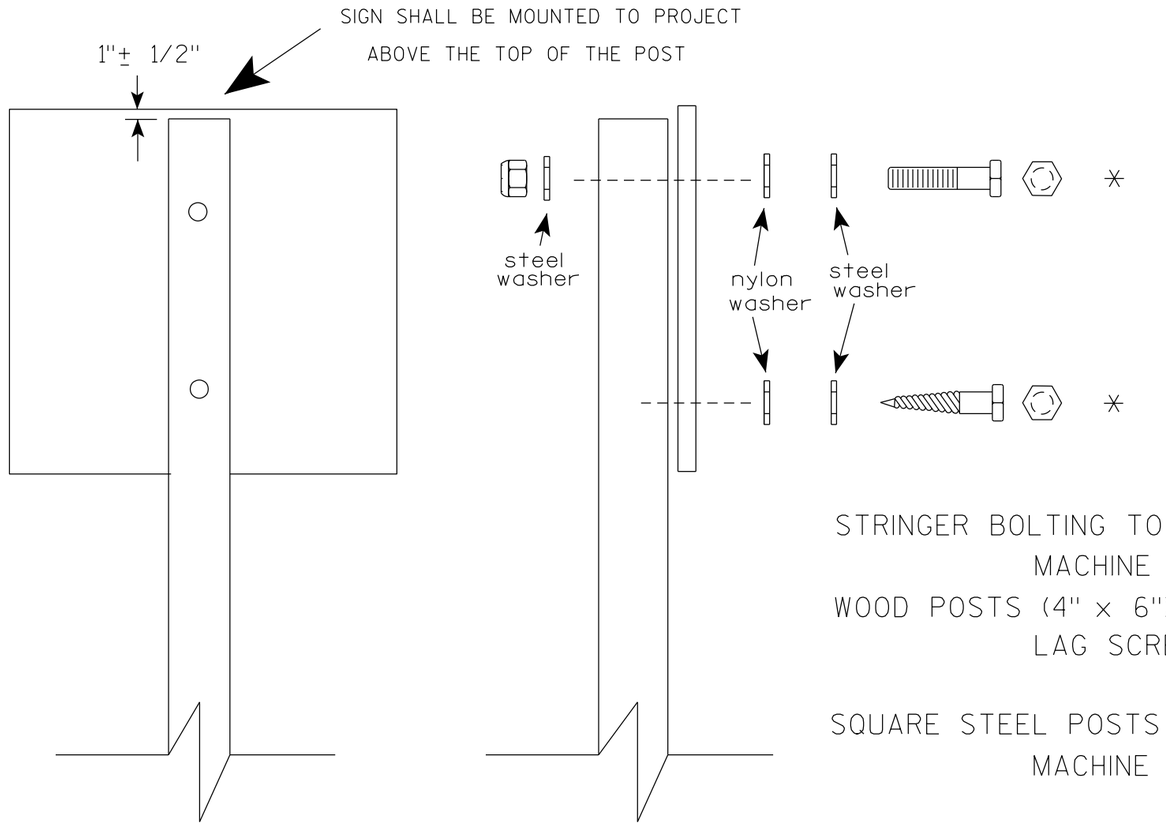
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 149	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

SHEET NO: 150 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

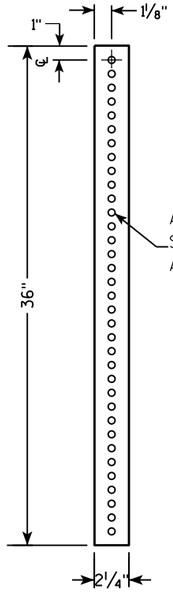
WISDOT/CADDS SHEET 42

7

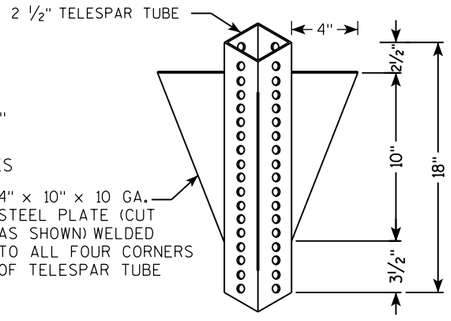
7

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

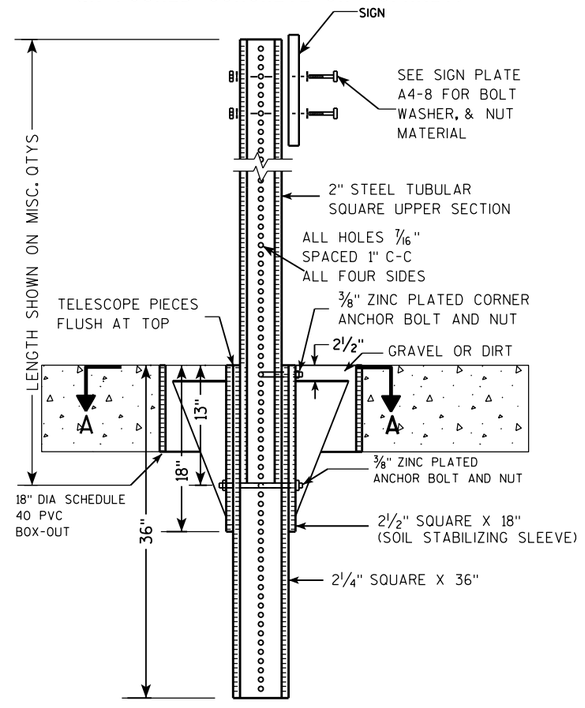
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



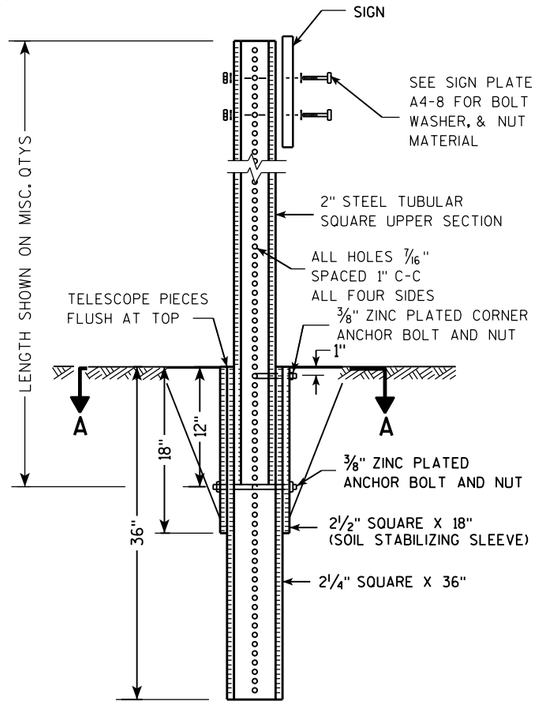
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

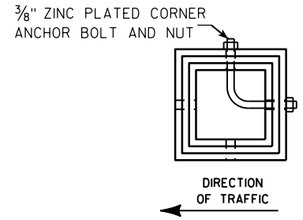


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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

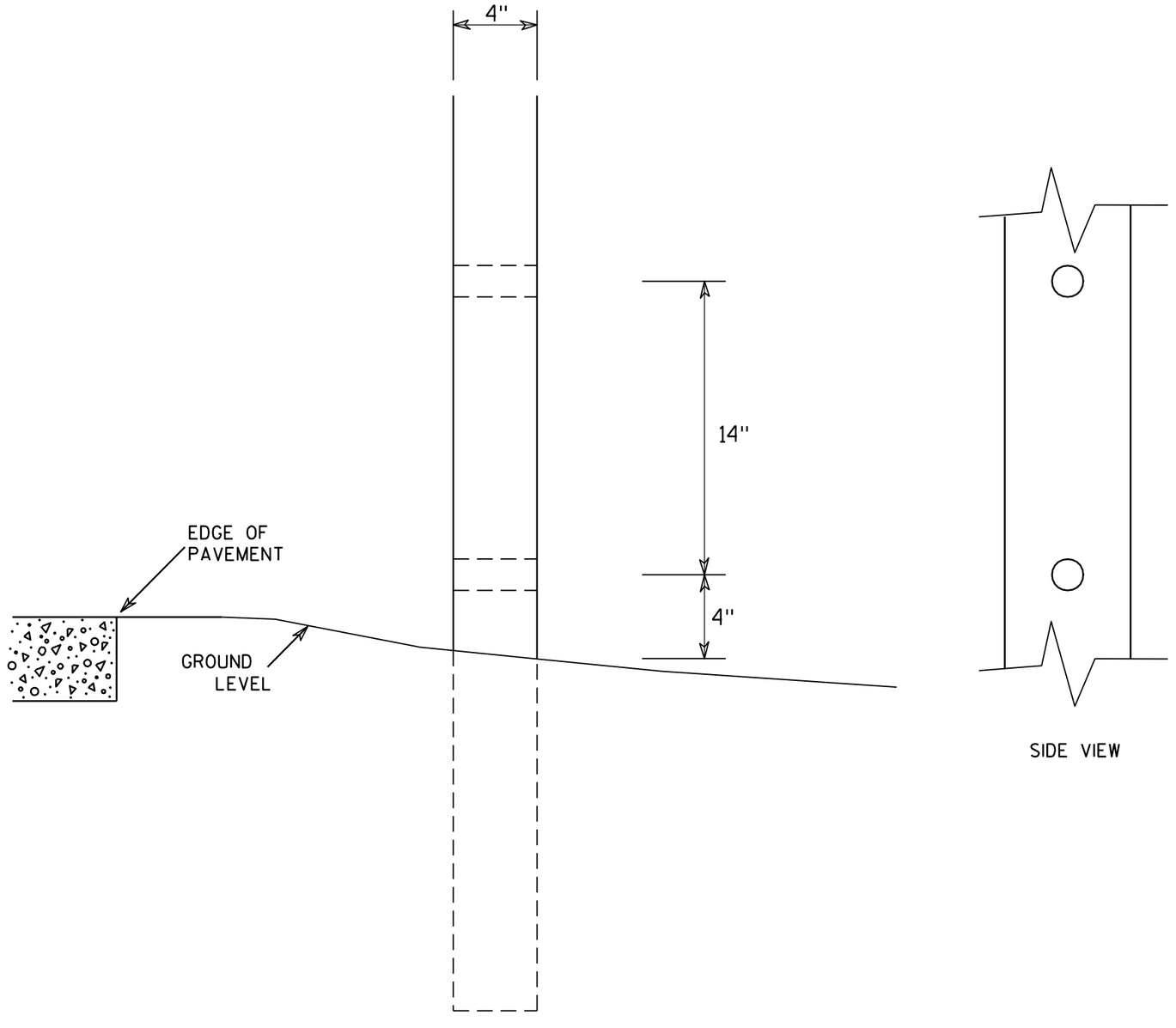
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 151 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

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4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

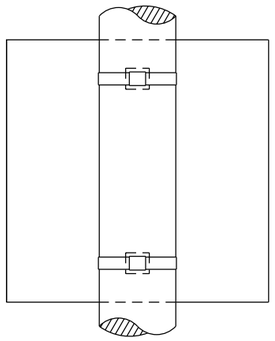
APPROVED Chester J Spang
for State Traffic Engineer

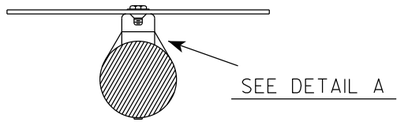
DATE 3/27/97 PLATE NO. A4-11.2

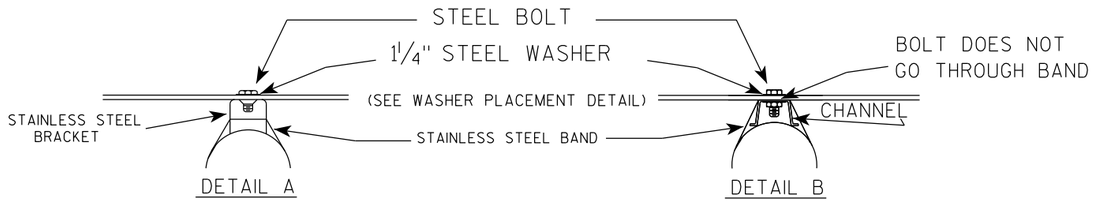
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 152	E

BANDING

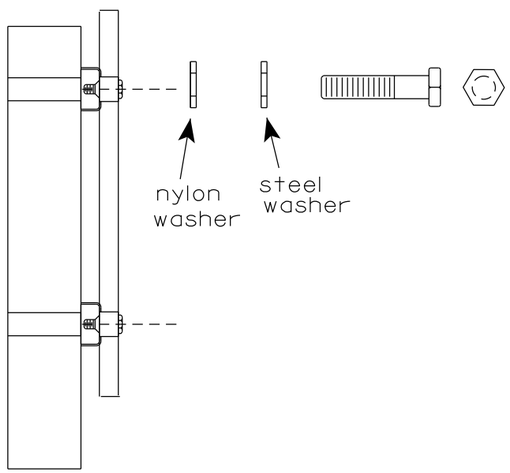
SINGLE SIGN







WASHER PLACEMENT

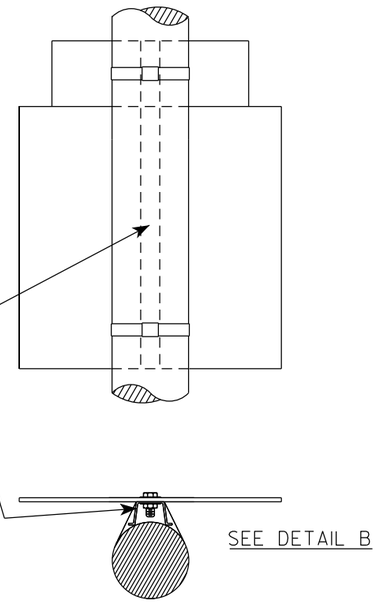


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

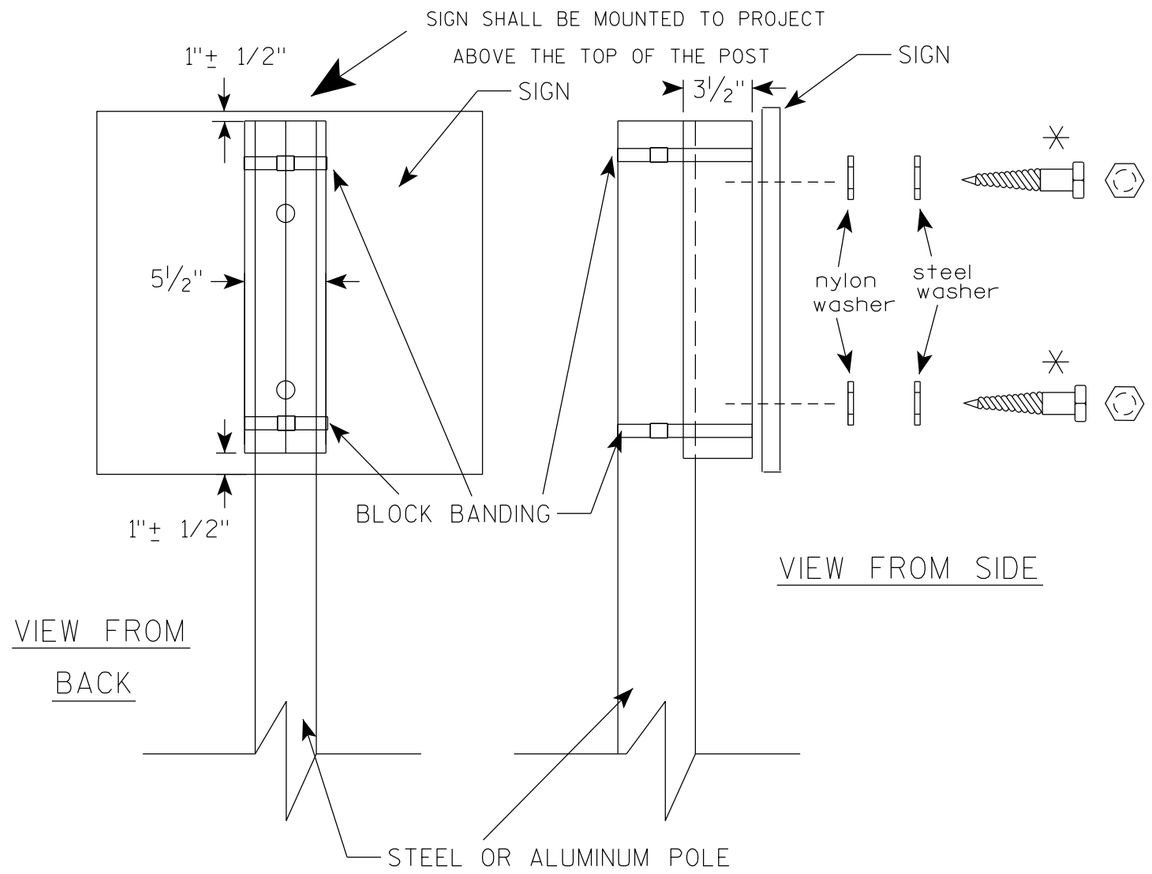
DATE 6/10/19 PLATE NO. A5-9.4

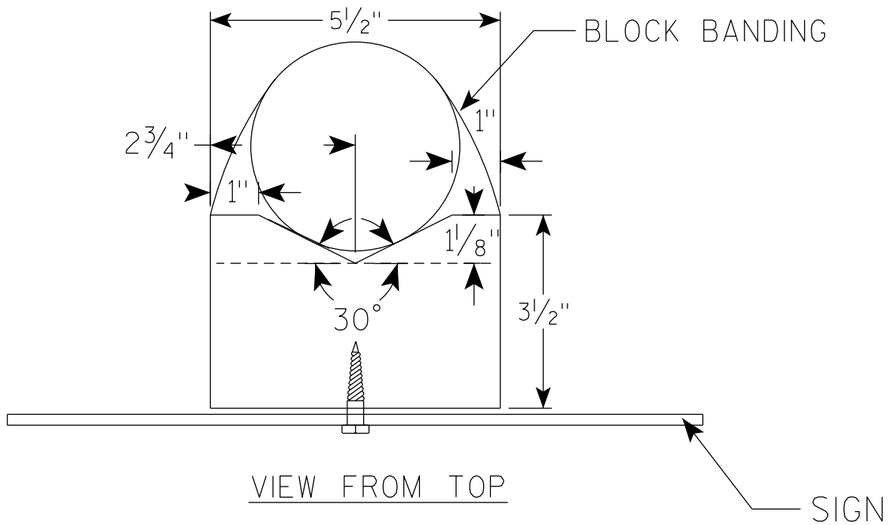
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 153	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

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GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

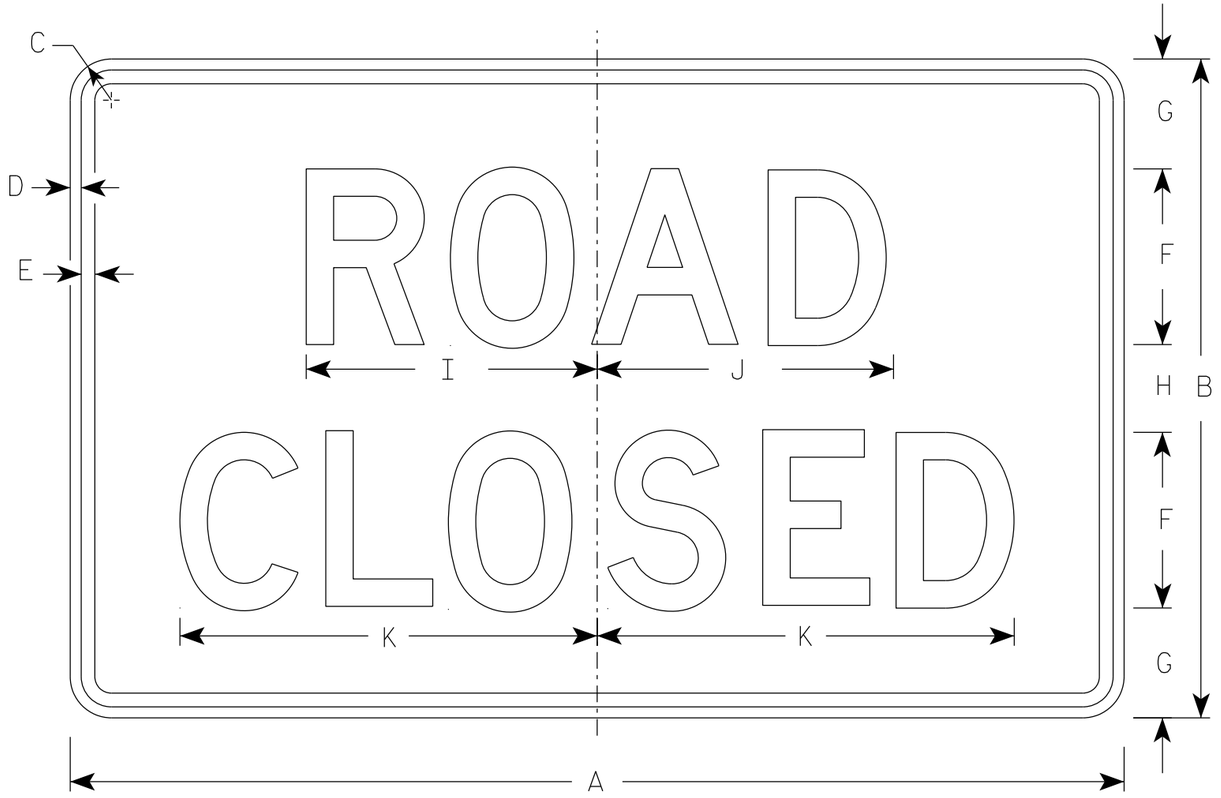
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

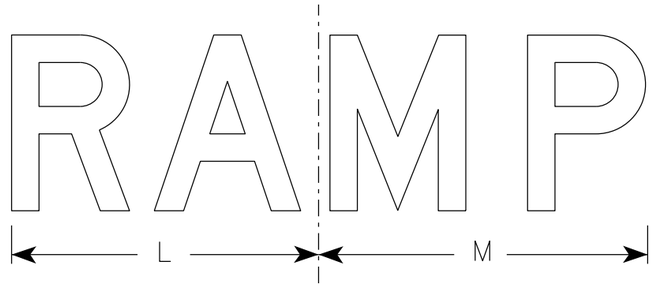
SHEET NO: 154 E



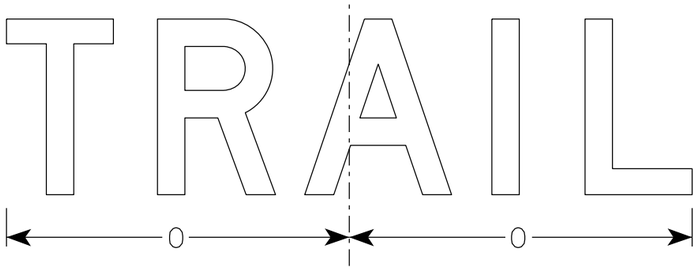
R11-2

NOTES

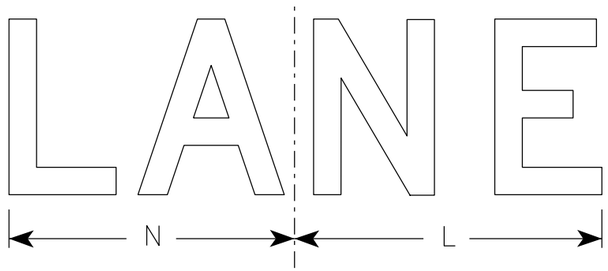
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-2.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn PLOT DATE : 5-FEB 2024 2:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

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IH 39 EB - SECTION 1 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	CUMMULATIVE NET VOLUME (CU.YD.)
405+70.46	0.00			2.19					
406+00.00	0.00	0.00	0.00	0.82	1.65	0.00	0.00	1.65	1.65
406+57.24	0.00	0.00	0.00	0.00	0.87	0.00	0.00	2.52	2.52
406+96.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52	2.52
407+00.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	2.52	2.52
407+25.35	0.00	0.00	0.00	0.00	0.01	0.00	0.00	2.53	2.53
407+41.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	2.53
407+53.93	0.00	0.00	0.00	0.03	0.01	0.00	0.00	2.53	2.53
407+81.95	0.00	0.00	0.00	0.20	0.12	0.00	0.00	2.65	2.65
407+97.63	0.00	0.00	0.00	0.05	0.07	0.00	0.00	2.72	2.72
408+00.00	0.00	0.00	0.00	0.09	0.01	0.00	0.00	2.73	2.73
409+00.00	0.00	0.00	0.00	0.53	1.16	0.00	0.00	3.89	3.89
410+00.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	4.88	4.88
411+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.88	4.88
412+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.88	4.88
413+00.00	0.00	0.00	0.00	0.06	0.11	0.00	0.00	4.98	4.98
414+00.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	5.09	5.09
415+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.09	5.09
416+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.09	5.09
417+00.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	5.19	5.19
418+00.00	0.00	0.00	0.00	0.13	0.34	0.00	0.00	5.53	5.53
419+00.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	5.78	5.78
420+00.00	0.00	0.00	0.00	0.08	0.15	0.00	0.00	5.93	5.93
421+00.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	6.08	6.08
422+00.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	6.18	6.18
423+00.00	0.00	0.00	0.00	0.51	1.03	0.00	0.00	7.21	7.21
424+00.00	0.00	0.00	0.00	0.94	2.68	0.00	0.00	9.89	9.89
424+44.68	0.00	0.00	0.00	0.03	0.80	0.00	0.00	10.70	10.70
425+00.00	0.00	0.00	0.00	1.10	1.16	0.00	0.00	11.85	11.85
426+00.00	0.00	0.00	0.00	0.32	2.63	0.00	0.00	14.48	14.48
427+00.00	0.00	0.00	0.00	0.36	1.26	0.00	0.00	15.74	15.74
428+00.00	0.00	0.00	0.00	0.14	0.92	0.00	0.00	16.67	16.67
428+50.02	0.00	0.00	0.00	0.01	0.13	0.00	0.00	16.80	16.80
429+00.00	0.00	0.00	0.00	0.39	0.36	0.00	0.00	17.17	17.17
430+00.00	0.00	0.00	0.00	0.37	1.41	0.00	0.00	18.57	18.57
431+00.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	19.26	19.26
432+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.26	19.26
433+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.26	19.26
434+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.26	19.26
435+00.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	19.27	19.27

IH 39 EB - SECTION 1 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	CUMMULATIVE NET VOLUME (CU.YD.)
436+00.00	0.00	0.00	0.00	0.16	0.31	0.00	0.00	19.57	19.57
436+97.23	0.00	0.00	0.00	0.16	0.58	0.00	0.00	20.16	20.16
437+00.00	0.00	0.00	0.00	0.14	0.02	0.00	0.00	20.17	20.17
438+00.00	0.00	0.00	0.00	1.80	3.59	0.00	0.00	23.76	23.76
439+00.00	0.00	0.00	0.00	0.20	3.69	0.00	0.00	27.46	27.46
440+00.00	0.00	0.00	0.00	0.02	0.40	0.00	0.00	27.86	27.86
441+00.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	27.90	27.90
442+00.00	0.00	0.00	0.00	0.13	0.26	0.00	0.00	28.16	28.16
443+00.00	0.00	0.00	0.00	0.35	0.89	0.00	0.00	29.05	29.05
444+00.00	0.00	0.00	0.00	0.94	2.38	0.00	0.00	31.43	31.43
445+00.00	0.00	0.00	0.00	0.05	1.83	0.00	0.00	33.27	33.27
446+00.00	0.00	0.00	0.00	0.05	0.18	0.00	0.00	33.44	33.44
447+00.00	0.00	0.00	0.00	0.07	0.21	0.00	0.00	33.66	33.66
448+00.00	0.00	0.00	0.00	0.29	0.67	0.00	0.00	34.33	34.33
449+00.00	0.00	0.00	0.00	0.05	0.63	0.00	0.00	34.95	34.95
449+79.66	0.00	0.00	0.00	0.05	0.15	0.00	0.00	35.10	35.10
450+00.00	0.00	0.00	0.00	0.32	0.14	0.00	0.00	35.24	35.24
451+00.00	0.00	0.00	0.00	1.12	2.67	0.00	0.00	37.91	37.91
452+00.00	0.00	0.00	0.00	0.01	2.08	0.00	0.00	39.99	39.99
452+47.90	0.00	0.00	0.00	0.00	0.01	0.00	0.00	40.00	40.00
453+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00
454+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00
455+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00
456+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00
457+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00
458+00.00	0.00	0.00	0.00	0.17	0.32	0.00	0.00	40.32	40.32
459+00.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	40.65	40.65
460+00.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00	40.68	40.68
460+46.13	0.00	0.00	0.00	0.05	0.06	0.00	0.00	40.74	40.74
461+00.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00	40.80	40.80
462+00.00	0.00	0.00	0.00	0.03	0.09	0.00	0.00	40.89	40.89
463+00.00	0.00	0.00	0.00	0.32	0.65	0.00	0.00	41.54	41.54
464+00.00	0.00	0.00	0.00	0.39	1.31	0.00	0.00	42.85	42.85
464+97.14	0.00	0.00	0.00	0.00	0.70	0.00	0.00	43.55	43.55
465+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.55	43.55
466+00.00	0.00	0.00	0.00	0.21	0.38	0.00	0.00	43.94	43.94
467+00.00	0.00	0.00	0.00	0.28	0.90	0.00	0.00	44.84	44.84
468+00.00	0.00	0.00	0.00	0.30	1.07	0.00	0.00	45.91	45.91
468+95.43	0.00	0.00	0.00	0.12	0.74	0.00	0.00	46.65	46.65
469+00.00	0.00	0.00	0.00	0.13	0.02	0.00	0.00	46.67	46.67
470+00.00	0.00	0.00	0.00	0.06	0.35	0.00	0.00	47.02	47.02

IH 39 EB - SECTION 2 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
470+00.00	0.00			0.17					
471+00.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.33	0.33
472+00.00	0.00	0.00	0.00	0.22	0.41	0.00	0.00	0.74	0.74
473+00.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	1.14	1.14
473+47.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.14
474+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.14
475+00.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	1.24	1.24
476+00.00	0.00	0.00	0.00	1.49	2.85	0.00	0.00	4.09	4.09
477+00.00	0.00	0.00	0.00	0.37	3.44	0.00	0.00	7.53	7.53
477+95.37	0.00	0.00	0.00	0.01	0.67	0.00	0.00	8.20	8.20
478+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.20	8.20
479+00.00	0.00	0.00	0.00	0.59	1.09	0.00	0.00	9.29	9.29
480+00.00	0.00	0.00	0.00	0.51	2.03	0.00	0.00	11.32	11.32
480+50.03	0.00	0.00	0.00	0.00	0.47	0.00	0.00	11.79	11.79
481+00.00	0.00	0.00	0.00	0.78	0.72	0.00	0.00	12.51	12.51
482+00.00	0.00	0.00	0.00	0.27	1.94	0.00	0.00	14.45	14.45
484+00.00	0.00	0.00	0.00	0.02	1.06	0.00	0.00	15.51	15.51
485+00.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	15.54	15.54
486+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.55	15.55
486+50.42	0.00	0.00	0.00	0.09	0.08	0.00	0.00	15.63	15.63
487+00.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	15.71	15.71
488+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
489+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
490+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
491+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
492+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
493+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
493+90.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
494+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
495+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
496+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
497+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
498+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
499+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71	15.71
500+00.00	0.00	0.00	0.00	0.07	0.13	0.00	0.00	15.84	15.84
501+00.00	0.00	0.00	0.00	1.40	2.72	0.00	0.00	18.56	18.56
502+00.00	0.00	0.00	0.00	2.11	6.49	0.00	0.00	25.05	25.05

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 158 | E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 03

PLOT DATE : 3/14/2025 12:36 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

IH 39 EB - SECTION 2 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
503+00.00	0.00	0.00	0.00	0.00	3.90	0.00	0.00	28.95	28.95
503+01.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.95	28.95
504+00.00	0.00	0.00	0.00	0.09	0.17	0.00	0.00	29.12	29.12
505+00.00	0.00	0.00	0.00	0.31	0.75	0.00	0.00	29.87	29.87
506+00.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	30.45	30.45
507+00.00	0.00	0.00	0.00	0.03	0.07	0.00	0.00	30.52	30.52
508+00.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	30.58	30.58
509+00.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	30.60	30.60
510+00.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	30.61	30.61
511+00.00	0.00	0.00	0.00	0.46	0.86	0.00	0.00	31.47	31.47
512+00.00	0.00	0.00	0.00	0.52	1.82	0.00	0.00	33.28	33.28
512+97.07	0.00	0.00	0.00	0.00	0.93	0.00	0.00	34.22	34.22
512+99.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	34.22
513+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	34.22
514+00.00	0.00	0.00	0.00	0.12	0.23	0.00	0.00	34.45	34.45
515+00.00	0.00	0.00	0.00	0.07	0.36	0.00	0.00	34.81	34.81
516+00.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	34.95	34.95
517+00.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	34.96	34.96
517+04.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.96	34.96
518+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.96	34.96
519+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.96	34.96
520+00.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	35.06	35.06
520+96.30	0.00	0.00	0.00	0.22	0.48	0.00	0.00	35.53	35.53
520+97.26	0.00	0.00	0.00	0.25	0.01	0.00	0.00	35.54	35.54
521+00.00	0.00	0.00	0.00	0.26	0.03	0.00	0.00	35.57	35.57
522+00.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	36.05	36.05
523+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.05	36.05
524+00.00	0.00	0.00	0.00	0.09	0.17	0.00	0.00	36.22	36.22
524+86.06	0.00	0.00	0.00	0.16	0.41	0.00	0.00	36.63	36.63
524+98.95	0.00	0.00	0.00	0.05	0.05	0.00	0.00	36.68	36.68
525+00.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	36.69	36.69
526+00.00	0.00	0.00	0.00	0.23	0.54	0.00	0.00	37.22	37.22
527+00.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	37.65	37.65
528+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.65	37.65
528+96.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.65	37.65
529+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.65	37.65
530+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.65	37.65

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 159 | E

IH 39 EB - SECTION 3 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)	
530+00.00	0.00			0.00						
531+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
532+00.00	0.00	0.00	0.00	0.10	0.19	0.00	0.00	0.19	0.19	
533+00.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.37	0.37	
533+97.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
534+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
535+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
536+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
537+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
538+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
538+51.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
539+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
540+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
541+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	
542+00.00	0.00	0.00	0.00	0.14	0.25	0.00	0.00	0.62	0.62	
543+00.00	0.00	0.00	0.00	0.01	0.27	0.00	0.00	0.89	0.89	
544+00.00	0.00	0.00	0.00	0.46	0.87	0.00	0.00	1.76	1.76	
545+00.00	0.00	0.00	0.00	0.92	2.56	0.00	0.00	4.32	4.32	
546+00.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	6.03	6.03	
547+00.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	6.03	6.03	
548+00.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	6.04	6.04	
549+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.04	6.04	
550+00.00	0.00	0.00	0.00	0.13	0.24	0.00	0.00	6.28	6.28	
551+00.00	0.00	0.00	0.00	0.10	0.41	0.00	0.00	6.69	6.69	
552+00.00	0.00	0.00	0.00	0.04	0.26	0.00	0.00	6.95	6.95	
553+00.00	0.00	0.00	0.00	0.48	0.96	0.00	0.00	7.91	7.91	
553+64.91	0.00	0.00	0.00	2.73	3.86	0.00	0.00	11.77	11.77	Guardrail
553+89.90	0.00	0.00	0.00	2.41	2.38	0.00	0.00	14.15	14.15	Guardrail
554+00.00	0.00	0.00	0.00	5.31	1.44	0.00	0.00	15.59	15.59	Guardrail
554+14.89	0.00	0.00	0.00	5.07	2.86	0.00	0.00	18.46	18.46	Guardrail
555+00.00	0.00	0.00	0.00	1.53	10.41	0.00	0.00	28.87	28.87	Guardrail
556+00.00	0.00	0.00	0.00	0.38	3.53	0.00	0.00	32.40	32.40	Guardrail
556+36.77	0.00	0.00	0.00	0.64	0.69	0.00	0.00	33.09	33.09	Guardrail
557+00.00	0.00	0.00	0.00	0.80	1.68	0.00	0.00	34.77	34.77	Guardrail
557+58.73	0.00	0.00	0.00	0.60	1.51	0.00	0.00	36.28	36.28	Guardrail
558+00.00	0.00	0.00	0.00	0.23	0.63	0.00	0.00	36.91	36.91	Guardrail
558+36.53	0.00	0.00	0.00	2.24	1.67	0.00	0.00	38.59	38.59	Guardrail
558+56.69	0.00	0.00	0.00	1.00	1.21	0.00	0.00	39.80	39.80	Guardrail
559+00.00	0.00	0.00	0.00	0.04	0.83	0.00	0.00	40.63	40.63	
560+00.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	40.71	40.71	

IH 39 EB - SECTION 3 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
561+00.00	0.00	0.00	0.00	0.10	0.19	0.00	0.00	40.90	40.90
561+95.17	0.00	0.00	0.00	0.01	0.18	0.00	0.00	41.08	41.08
562+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
563+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
563+09.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
563+40.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
563+62.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
563+78.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
563+83.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
564+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.09	41.09
564+14.82	0.00	0.00	0.00	0.01	0.00	0.00	0.00	41.09	41.09
565+00.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	41.10	41.10
566+00.00	0.00	0.00	0.00	0.11	0.20	0.00	0.00	41.30	41.30
567+00.00	0.00	0.00	0.00	0.59	1.30	0.00	0.00	42.60	42.60
567+42.00	0.00	0.00	0.00	0.25	0.66	0.00	0.00	43.26	43.26
567+45.14	0.00	0.00	0.00	0.15	0.02	0.00	0.00	43.28	43.28
568+00.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	43.44	43.44
569+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
571+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
571+49.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
572+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
573+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
574+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
574+44.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.44	43.44
575+00.00	0.00	0.00	0.00	0.52	0.54	0.00	0.00	43.97	43.97
576+00.00	0.00	0.00	0.00	0.60	2.07	0.00	0.00	46.04	46.04
577+00.00	0.00	0.00	0.00	2.10	4.99	0.00	0.00	51.03	51.03
578+00.00	0.00	0.00	0.00	0.85	5.46	0.00	0.00	56.49	56.49
579+00.00	0.00	0.00	0.00	2.00	5.27	0.00	0.00	61.76	61.76
580+00.00	0.00	0.00	0.00	0.53	4.68	0.00	0.00	66.45	66.45
581+00.00	0.00	0.00	0.00	1.88	4.47	0.00	0.00	70.92	70.92
582+00.00	0.00	0.00	0.00	1.35	6.00	0.00	0.00	76.92	76.92
583+00.00	0.00	0.00	0.00	0.80	4.00	0.00	0.00	80.91	80.91
584+00.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00	82.40	82.40
585+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.40	82.40
586+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.40	82.40
587+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.40	82.40
588+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.40	82.40
589+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.40	82.40
590+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.40	82.40

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 161 | E

IH 39 EB - SECTION 4 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
590+00.00	0.00			0.00					
591+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
591+95.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
592+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
593+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
594+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
595+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
596+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
597+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
597+97.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
598+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
598+10.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
598+88.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
599+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
602+00.00	0.00	0.00	0.00	1.31	7.27	0.00	0.00	7.27	7.27
603+00.00	0.00	0.00	0.00	0.27	2.92	0.00	0.00	10.19	10.19
603+02.85	0.00	0.00	0.00	0.17	0.02	0.00	0.00	10.22	10.22
603+17.33	0.00	0.00	0.00	0.18	0.09	0.00	0.00	10.31	10.31
604+00.00	0.00	0.00	0.00	0.17	0.54	0.00	0.00	10.85	10.85
605+00.00	0.00	0.00	0.00	0.01	0.35	0.00	0.00	11.20	11.19
606+00.00	0.00	0.00	0.00	0.08	0.16	0.00	0.00	11.36	11.36
607+00.00	0.00	0.00	0.00	0.01	0.16	0.00	0.00	11.52	11.52
608+00.00	0.00	0.00	0.00	0.02	0.05	0.00	0.00	11.57	11.57

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 162 | E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 07

PLOT DATE : 3/14/2025 12:38 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

IH 39 EB - SECTION 4 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
609+00.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	11.60	11.60
610+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
611+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
612+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
613+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
614+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
615+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
616+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
616+79.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
617+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
618+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
619+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
620+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
621+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
622+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
623+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
624+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
625+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
626+00.00	0.00	0.00	0.00	0.08	0.14	0.00	0.00	11.74	11.74
627+00.00	0.00	0.00	0.00	0.01	0.16	0.00	0.00	11.90	11.90
628+00.00	0.00	0.00	0.00	0.08	0.16	0.00	0.00	12.06	12.06
629+00.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	12.20	12.20
629+24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.20	12.20

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 163 | E

IH 39 EB - GUARDRAIL EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
553+64.91	0.00			2.73					
553+89.90	0.00	0.00	0.00	2.41	2.38	0.00	0.00	2.38	2.38
554+00.00	0.00	0.00	0.00	5.31	1.44	0.00	0.00	3.82	3.82
554+14.89	0.00	0.00	0.00	5.07	2.86	0.00	0.00	6.68	6.68
555+00.00	0.00	0.00	0.00	1.53	10.41	0.00	0.00	17.09	17.09
556+00.00	0.00	0.00	0.00	0.38	3.53	0.00	0.00	20.63	20.63
556+36.77	0.00	0.00	0.00	0.64	0.69	0.00	0.00	21.32	21.32
557+00.00	0.00	0.00	0.00	0.80	1.68	0.00	0.00	23.00	23.00
557+58.73	0.00	0.00	0.00	0.60	1.51	0.00	0.00	24.51	24.51
558+00.00	0.00	0.00	0.00	0.23	0.63	0.00	0.00	25.14	25.14
558+36.53	0.00	0.00	0.00	2.24	1.67	0.00	0.00	26.82	26.82
558+56.69	0.00	0.00	0.00	1.00	1.21	**0.00**	**0.00**	**28.03**	**28.03**

EB OFF RAMP 'X' EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
0+27.89	0.00			0.15					
1+27.20	0.00	0.00	0.00	0.20	0.63	0.00	0.00	0.63	0.63
2+26.60	0.00	0.00	0.00	0.09	0.53	0.00	0.00	1.16	1.16
3+26.07	0.00	0.00	0.00	0.22	0.57	0.00	0.00	1.73	1.73
4+22.31	0.00	0.00	0.00	0.00	0.38	0.00	0.00	2.12	2.12
4+71.94	0.00	0.00	0.00	0.01	0.01	**0.00**	**0.00**	**2.13**	**2.13**

EB ON RAMP 'Z' EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
2+73.10	0.00			0.02					
3+88.58	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.05	0.05
4+87.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05
5+87.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05
6+87.71	0.00	0.00	0.00	0.22	0.41	0.00	0.00	0.46	0.46
7+87.73	0.00	0.00	0.00	0.20	0.77	0.00	0.00	1.23	1.23
8+67.16	0.00	0.00	0.00	0.01	0.30	0.00	0.00	1.53	1.53
8+87.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	1.54
9+87.75	0.00	0.00	0.00	0.32	0.60	0.00	0.00	2.14	2.14
10+87.73	0.00	0.00	0.00	0.00	0.60	0.00	0.00	2.74	2.74
11+87.71	0.00	0.00	0.00	0.06	0.11	0.00	0.00	2.85	2.85
12+87.69	0.00	0.00	0.00	0.00	0.11	0.00	0.00	2.95	2.95
13+87.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95	2.95
14+87.66	0.00	0.00	0.00	0.24	0.44	0.00	0.00	3.39	3.39
15+87.64	0.00	0.00	0.00	12.73	24.01	0.00	0.00	27.41	27.41
16+87.51	0.00	0.00	0.00	9.07	40.32	**0.00**	**0.00**	**67.73**	**67.73**

IH 39 WB - SECTION 1 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
405+70.44	0.00			0.00					
406+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
406+96.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
407+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
407+25.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
407+41.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
407+53.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
407+81.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
407+95.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
408+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
409+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
410+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
411+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
412+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
413+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
414+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
415+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
416+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
416+01.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
417+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
418+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
419+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
420+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
421+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
422+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
423+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
424+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
424+48.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
425+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
426+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
427+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
428+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
429+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
430+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
431+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
432+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
433+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
434+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	data FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
435+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
436+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
437+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
438+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
439+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
440+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
441+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
442+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
443+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
444+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
445+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
445+46.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
446+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
447+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
448+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
449+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
450+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
451+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
452+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
453+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
454+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
455+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
456+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
457+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
458+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
459+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
460+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
461+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
462+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
463+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
464+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
466+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
467+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
468+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
468+95.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
469+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 166 | E

IH 39 WB - SECTION 2 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
470+00.00	0.00			0.00					
471+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
472+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
473+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
474+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
475+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
476+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
477+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
477+98.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
478+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
479+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
480+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
481+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
482+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
484+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
485+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
486+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
487+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
488+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
489+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
490+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
491+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
492+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
494+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
494+42.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
495+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
496+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
497+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
498+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
499+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
501+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EARTHWORK DATA	SHEET 167	E

IH 39 WB - SECTION 2 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
502+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
502+99.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
503+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
504+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
505+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
506+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
506+99.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
507+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
508+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
509+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
510+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
511+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
512+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
513+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
513+00.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
514+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
515+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
516+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
517+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
518+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
519+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
520+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
521+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
522+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
523+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
524+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
525+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
526+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
527+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
529+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
529+00.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
530+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IH 39 WB - SECTION 3 EARTHWORK

	CUT			FILL		CUMMULATIVE			
STATION	AREA (SQ.FT.)	VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	AREA (SQ.FT.)	VOLUME (CU.YD.)	CUT (CU.YD.)	REUSABLE CUT (CU.YD.)	FILL (CU.YD.)	NET VOLUME (CU.YD.)
530+00.00	0.00			0.00					
531+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
532+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
533+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
534+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
535+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
536+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
537+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
538+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
538+52.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
539+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
541+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
542+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
543+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
544+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
545+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
546+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
547+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
548+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
549+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
550+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
551+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
552+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
553+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
554+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
555+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
555+48.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
556+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
557+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
558+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
558+50.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
559+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
560+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
561+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
561+95.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EARTHWORK DATA	SHEET 169	E

IH 39 WB - SECTION 3 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
562+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
563+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
564+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
565+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
566+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
567+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
567+43.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
567+49.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
568+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
568+43.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
569+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
571+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
572+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
573+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
574+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
574+40.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
574+44.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
575+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
576+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
577+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
578+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
579+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
579+99.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
581+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
582+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
583+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
584+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
585+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
585+49.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
585+52.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
586+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
587+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
588+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
588+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
589+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
590+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PROJECT NO: 1011-01-70 | HWY: IH 39 | COUNTY: DANE | EARTHWORK DATA | SHEET 170 | E

IH 39 WB - SECTION 4 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
590+00.00	0.00			0.00					
591+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
592+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
593+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
594+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
595+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
596+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
597+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
598+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
598+04.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
598+23.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
599+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
602+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
603+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
603+02.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
604+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
605+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
606+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
606+83.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
606+99.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
607+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
608+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
609+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IH 39 WB - SECTION 4 EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
610+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
611+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
612+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
613+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
614+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
615+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
616+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
617+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
617+65.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
617+99.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
618+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
619+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
620+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
621+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
622+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
623+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
624+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
625+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
625+47.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
626+00.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01
627+00.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.02
628+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
629+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
629+24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02

9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	EARTHWORK DATA	SHEET 172	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 17

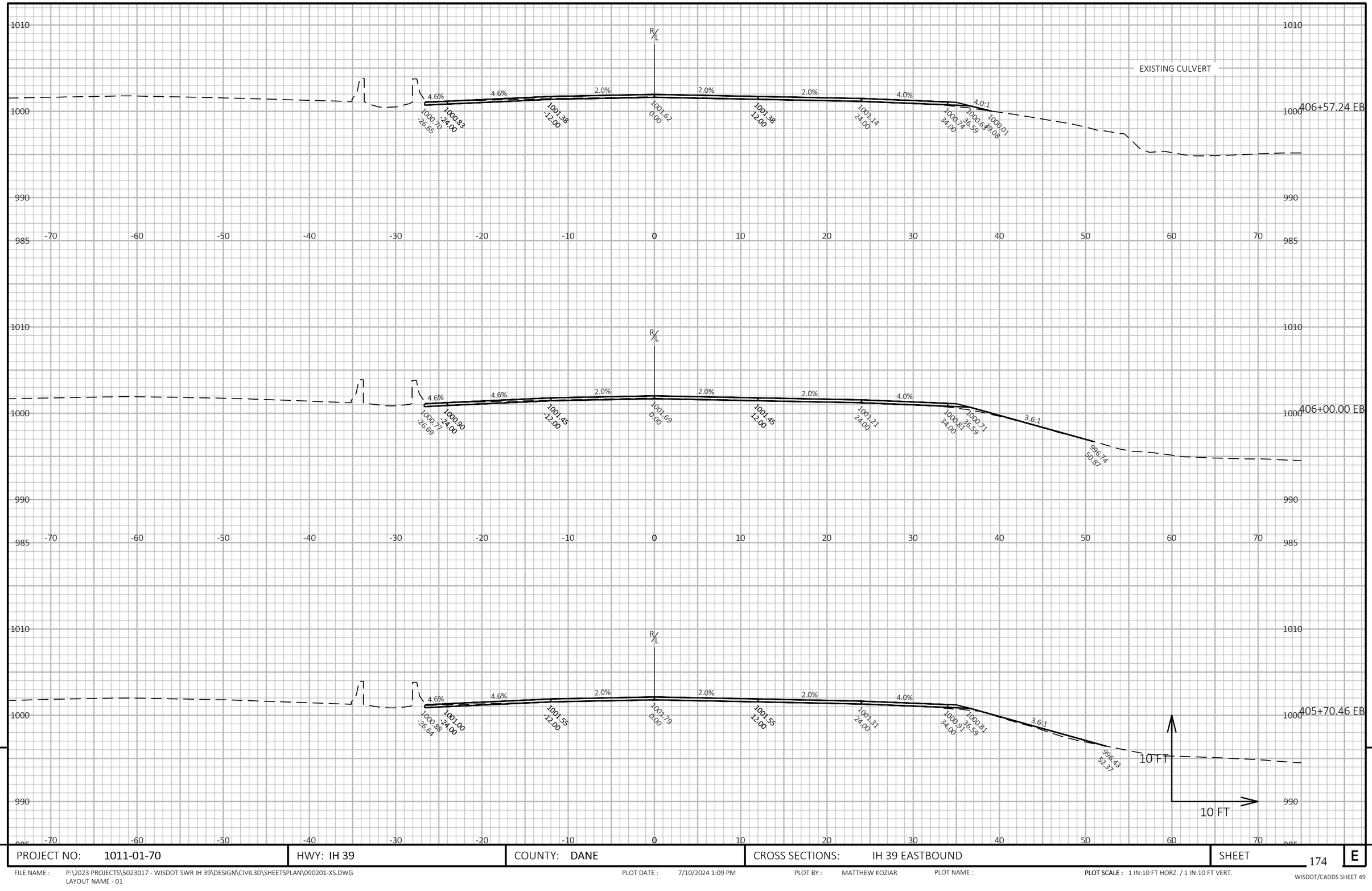
PLOT DATE : 3/14/2025 12:43 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1" = 1'

WB ON RAMP 'W' EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
0+74.85	0.00			4.55					
1+74.96	0.00	0.00	0.00	0.00	8.43	0.00	0.00	8.43	8.43
2+75.82	0.00	0.00	0.00	0.21	0.39	0.00	0.00	8.82	8.82
3+76.40	0.00	0.00	0.00	0.44	1.20	0.00	0.00	10.02	10.02
4+77.03	0.00	0.00	0.00	0.61	1.94	0.00	0.00	11.97	11.97
5+77.71	0.00	0.00	0.00	0.18	1.46	0.00	0.00	13.43	13.43
6+78.45	0.00	0.00	0.00	0.00	0.33	0.00	0.00	13.76	13.76
7+78.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.76	13.76
8+78.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.76	13.76
9+78.76	0.00	0.00	0.00	0.19	0.36	0.00	0.00	14.12	14.12
10+85.56	0.00	0.00	0.00	0.00	0.38	0.00	0.00	14.50	14.50
11+84.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.50	14.50
12+72.78	0.00	0.00	0.00	0.00	0.00	**0.00**	**0.00**	**14.50**	**14.50**

WB OFF RAMP 'Y' EARTHWORK

STATION	CUT AREA (SQ.FT.)	CUT VOLUME (CU.YD.)	CUT REUSABLE VOLUME (CU.YD.)	FILL AREA (SQ.FT.)	FILL VOLUME (CU.YD.)	CUMMULATIVE CUT (CU.YD.)	CUMMULATIVE REUSABLE CUT (CU.YD.)	CUMMULATIVE FILL (CU.YD.)	NET VOLUME (CU.YD.)
4+68.83	0.00			1.38					
5+45.63	0.00	0.00	0.00	0.00	1.97	0.00	0.00	1.97	1.97
6+46.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	1.97
7+46.32	0.00	0.00	0.00	0.01	0.02	0.00	0.00	1.99	1.99
8+46.01	0.00	0.00	0.00	0.00	0.02	**0.00**	**0.00**	**2.00**	**2.00**

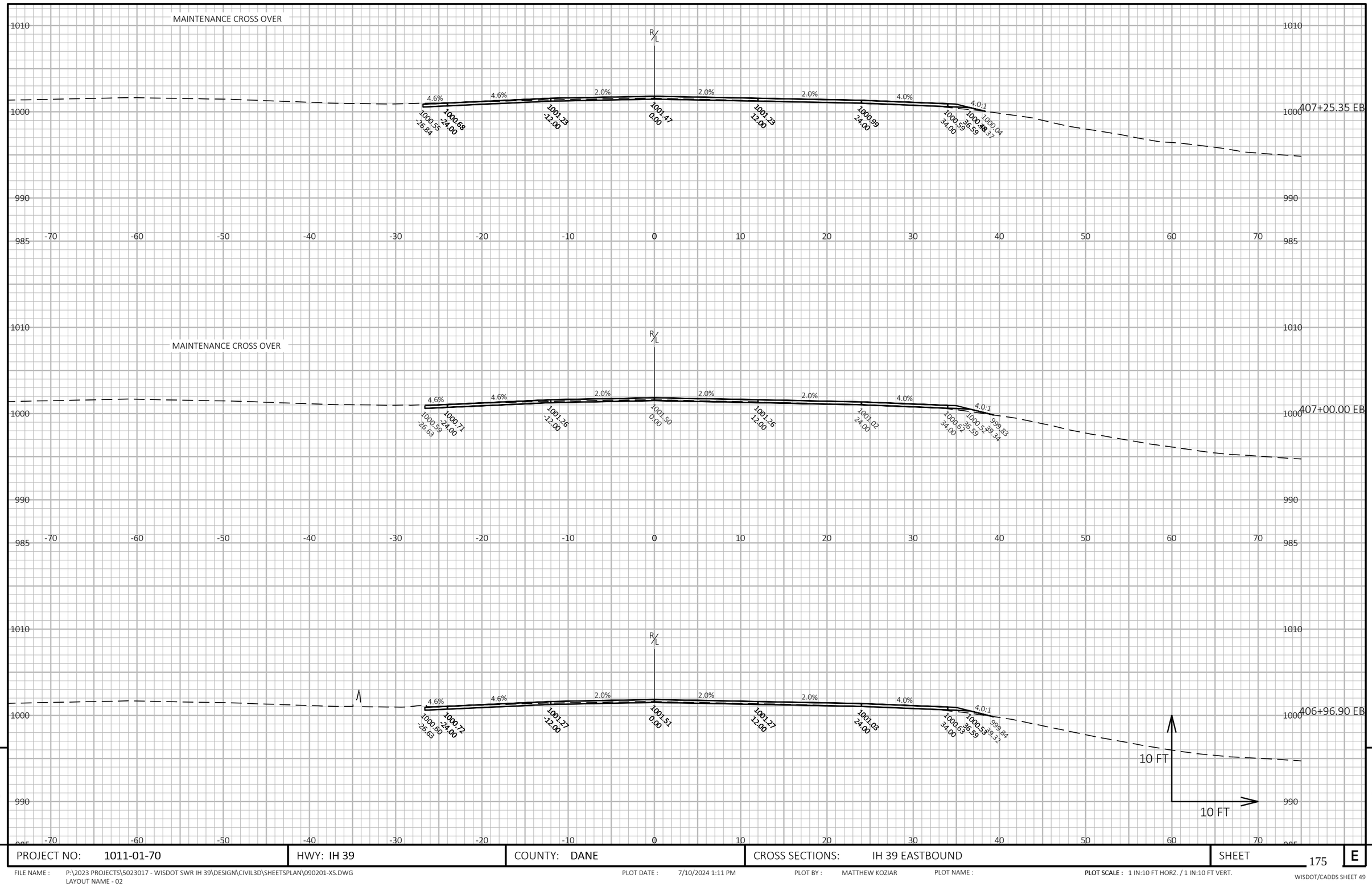


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 174 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/10/2024 1:09 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

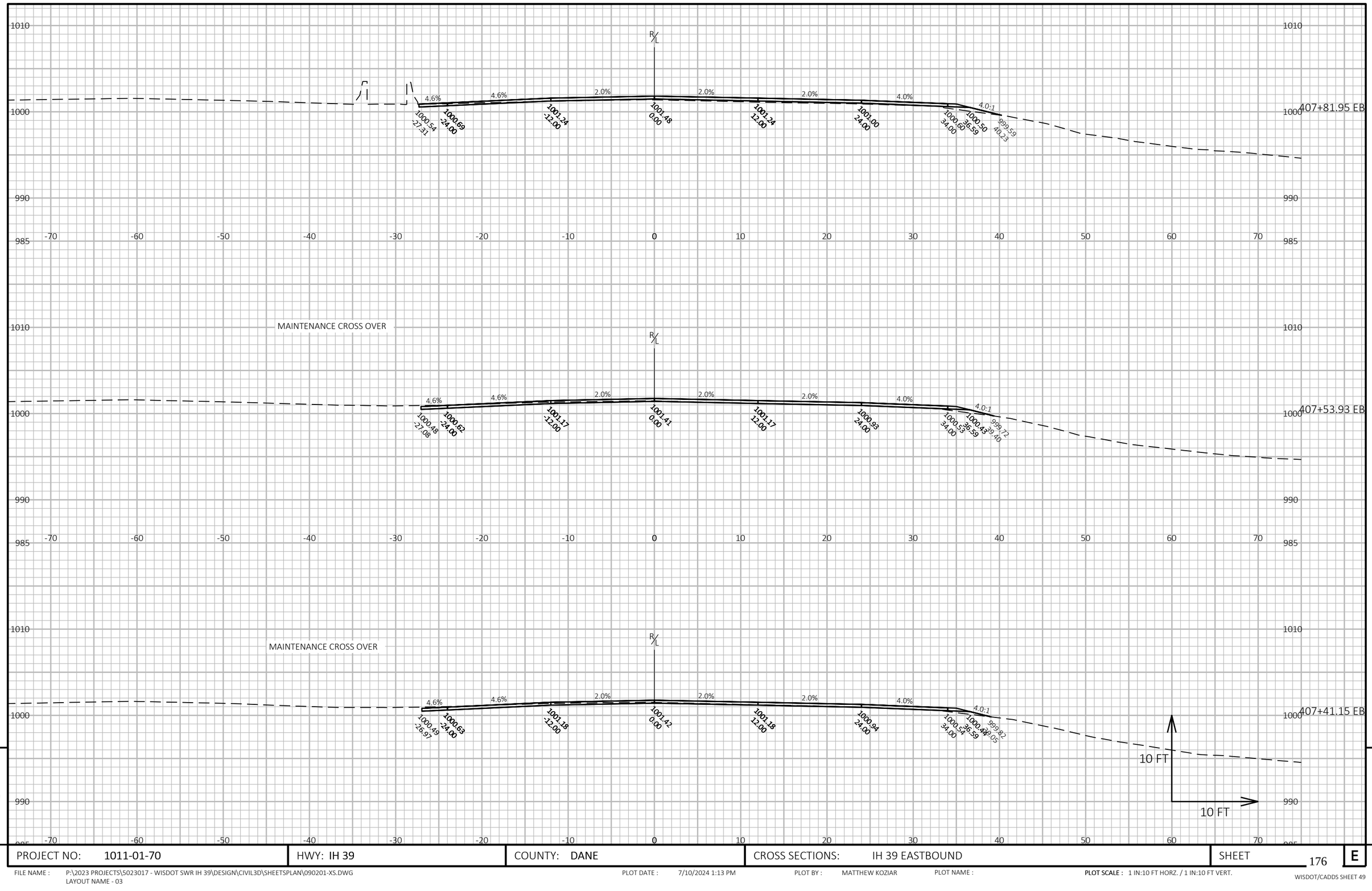
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 175	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/10/2024 1:11 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

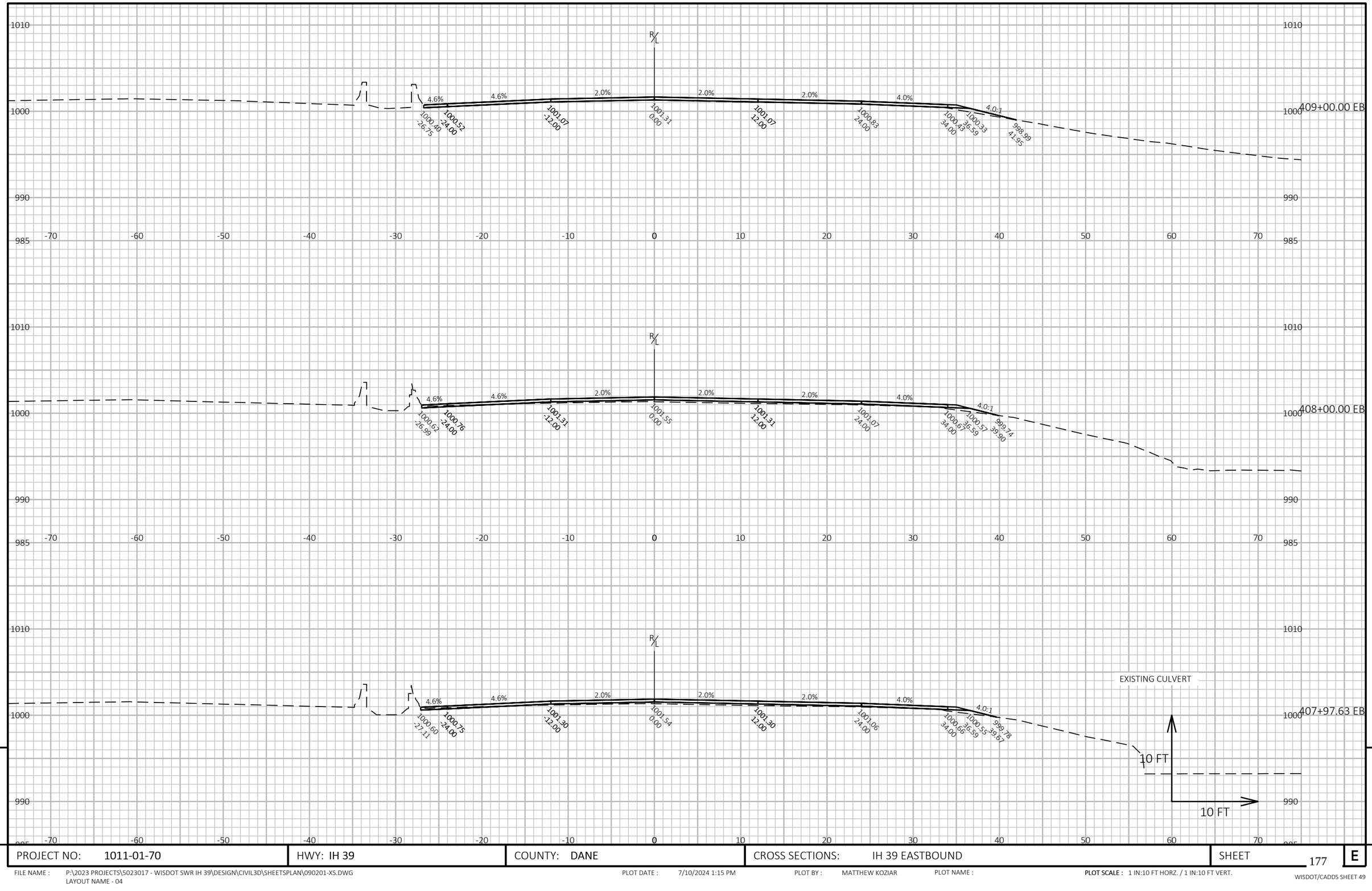
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 176	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 7/10/2024 1:13 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

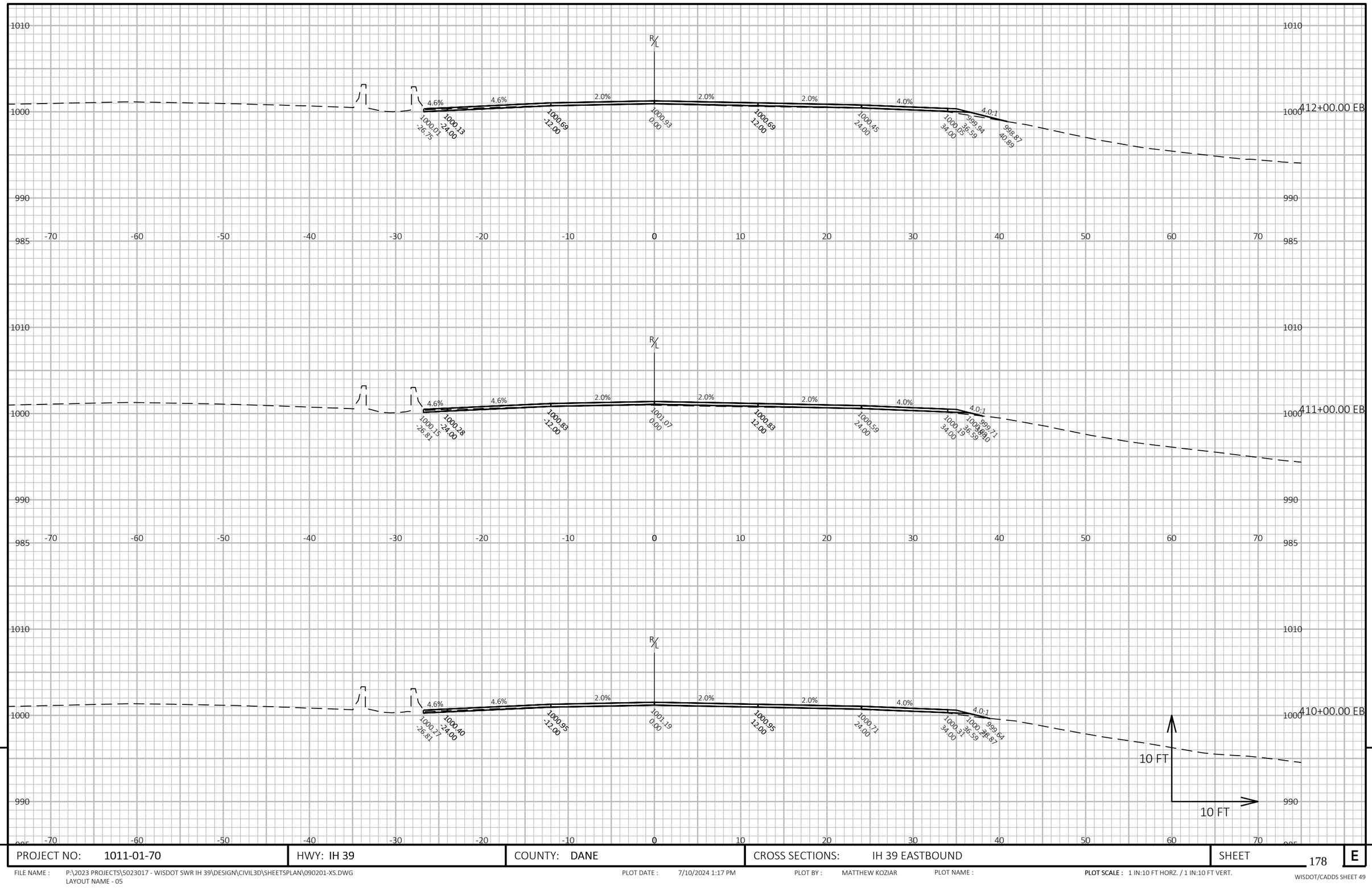


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 177 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/10/2024 1:15 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

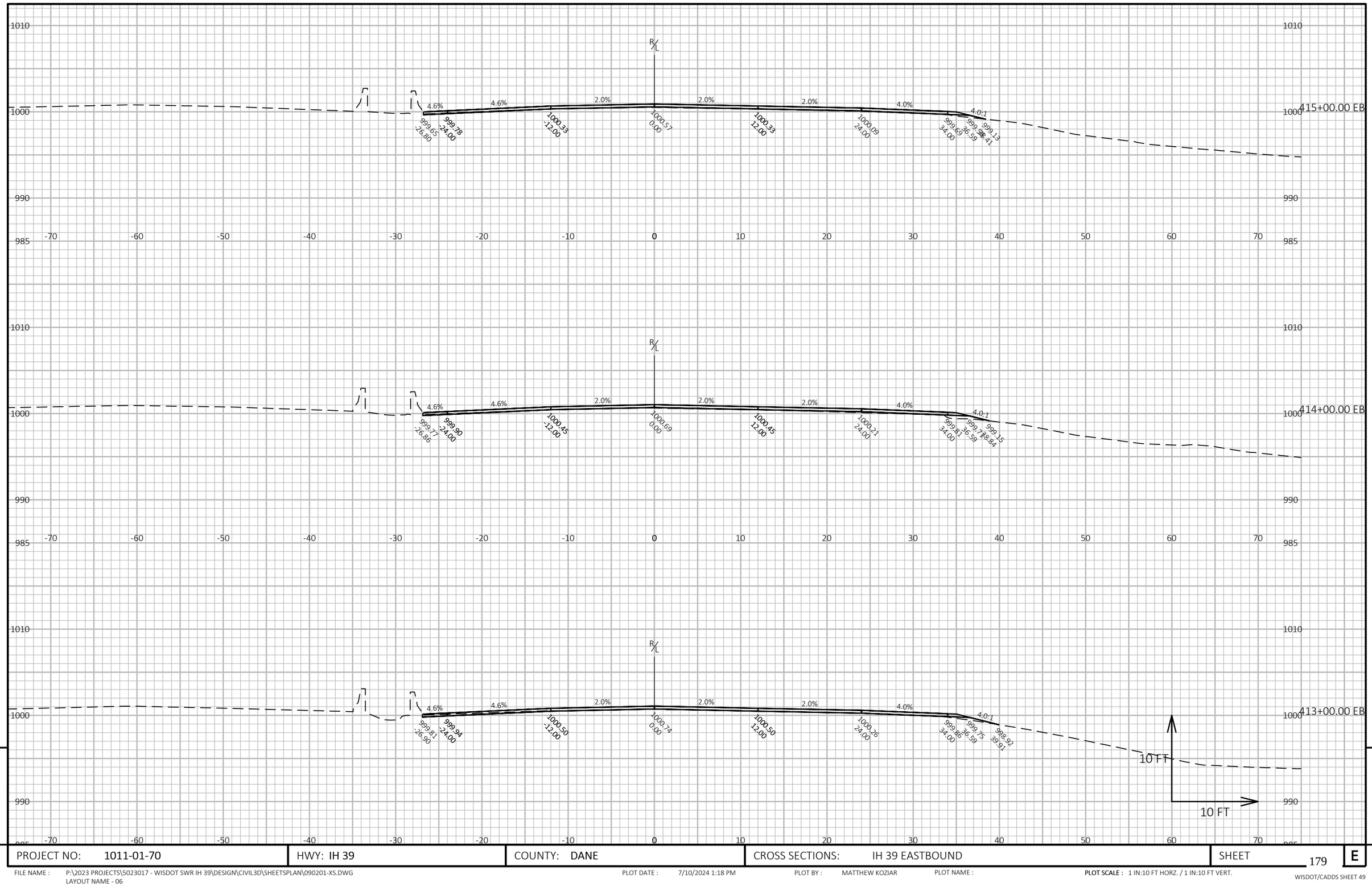
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 178	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/10/2024 1:17 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

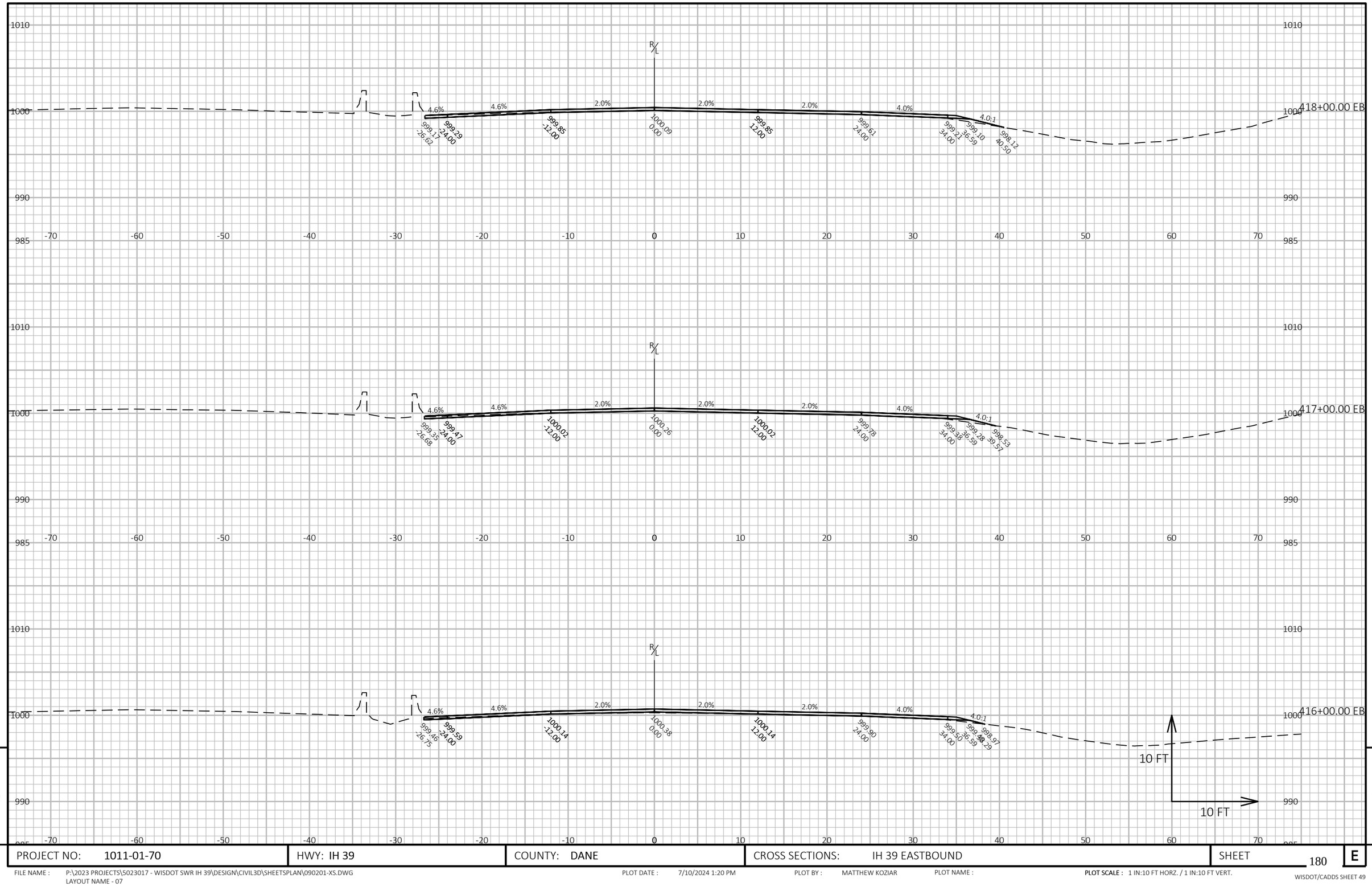
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 179	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 7/10/2024 1:18 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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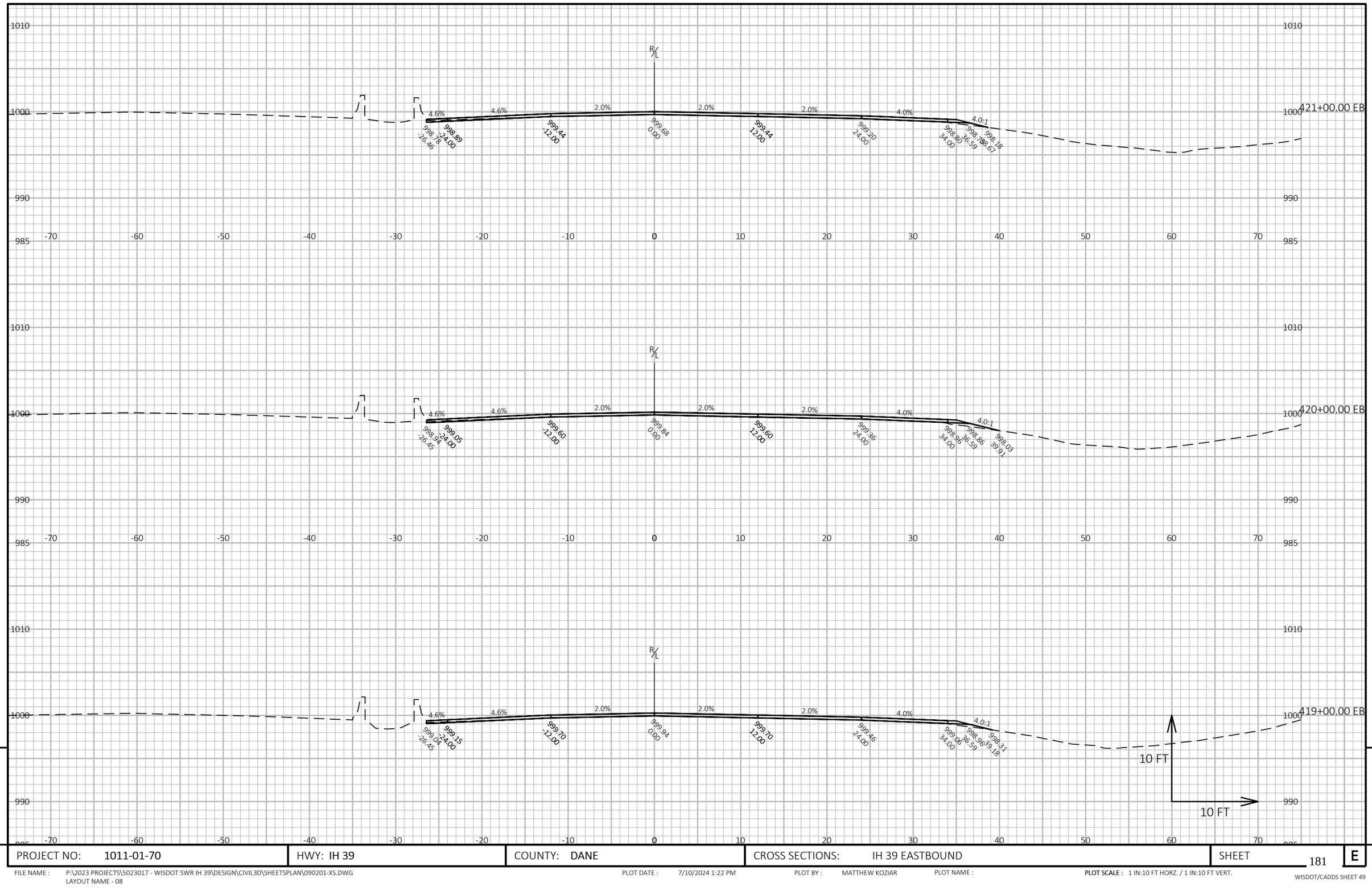
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 180	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/10/2024 1:20 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

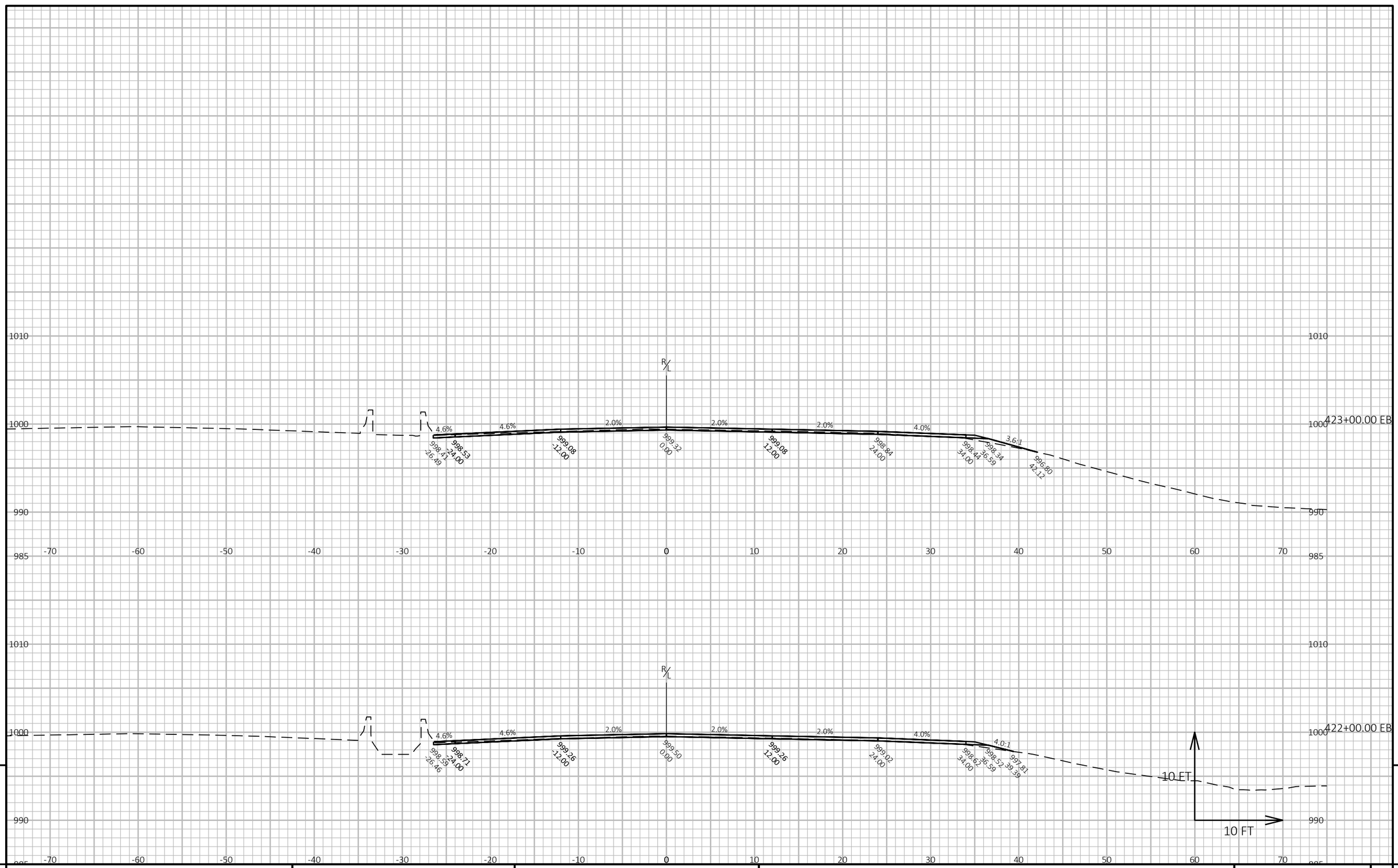
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 181	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 7/10/2024 1:22 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

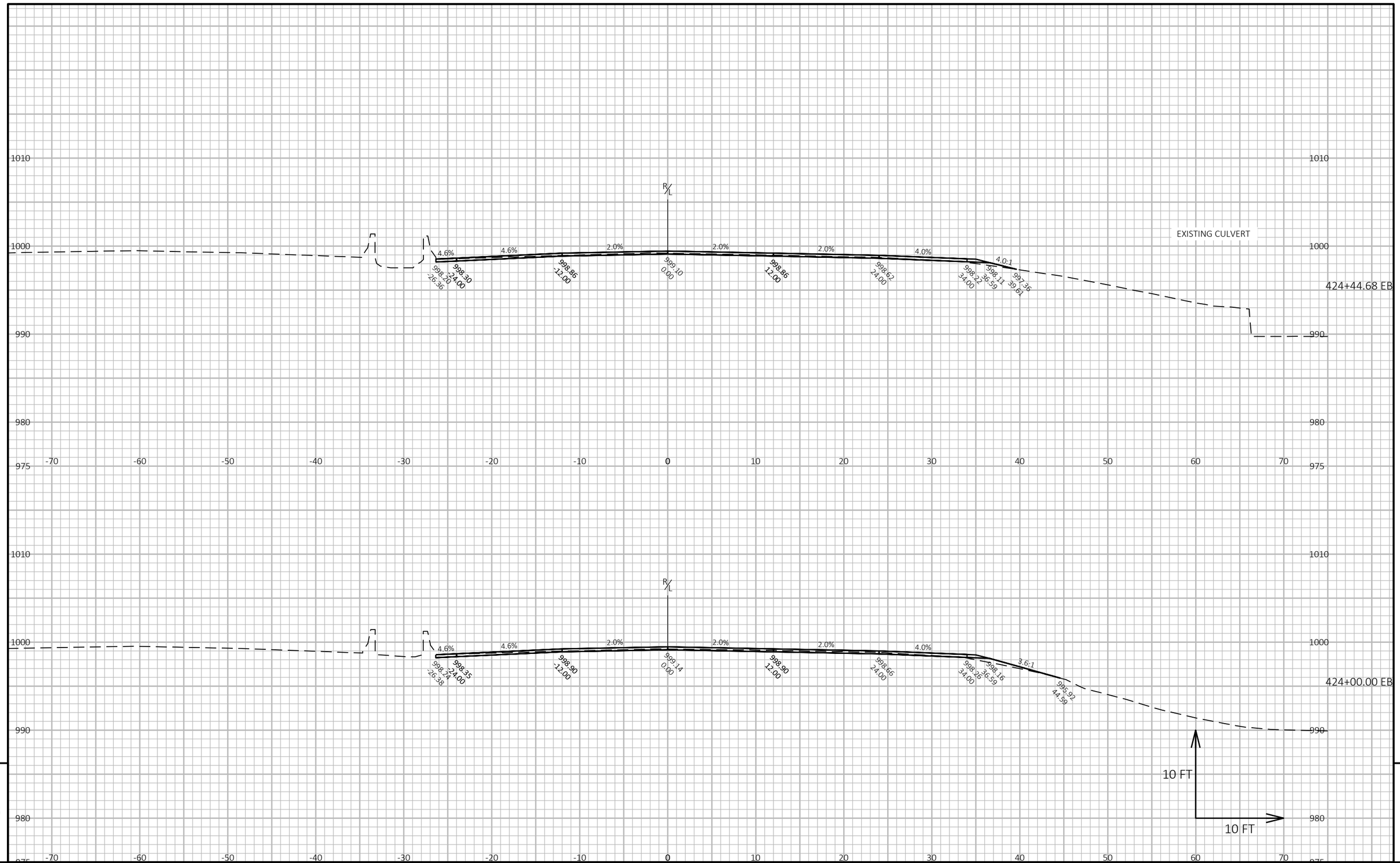
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 182	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/10/2024 1:24 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

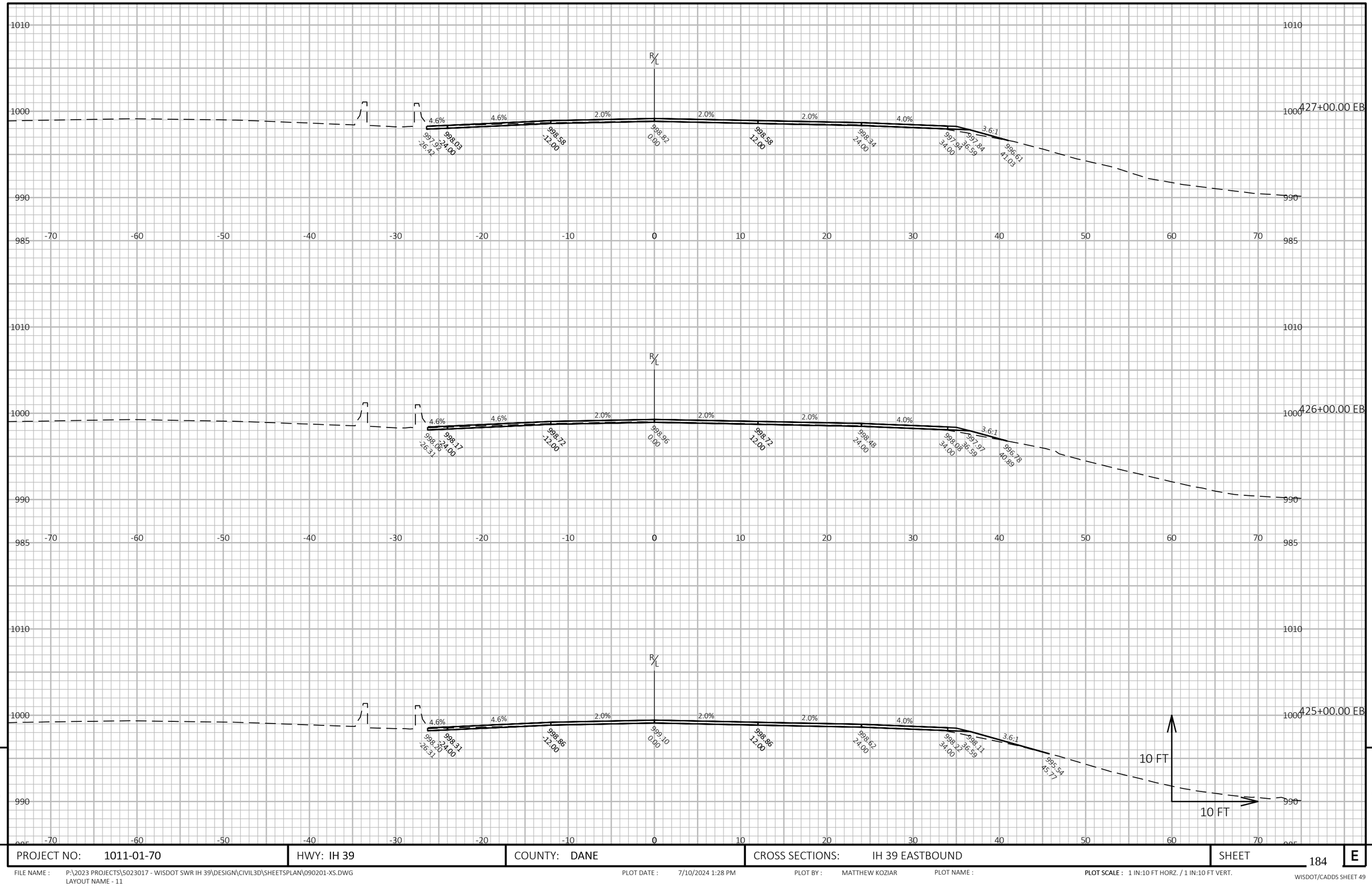
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 183	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/10/2024 1:26 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



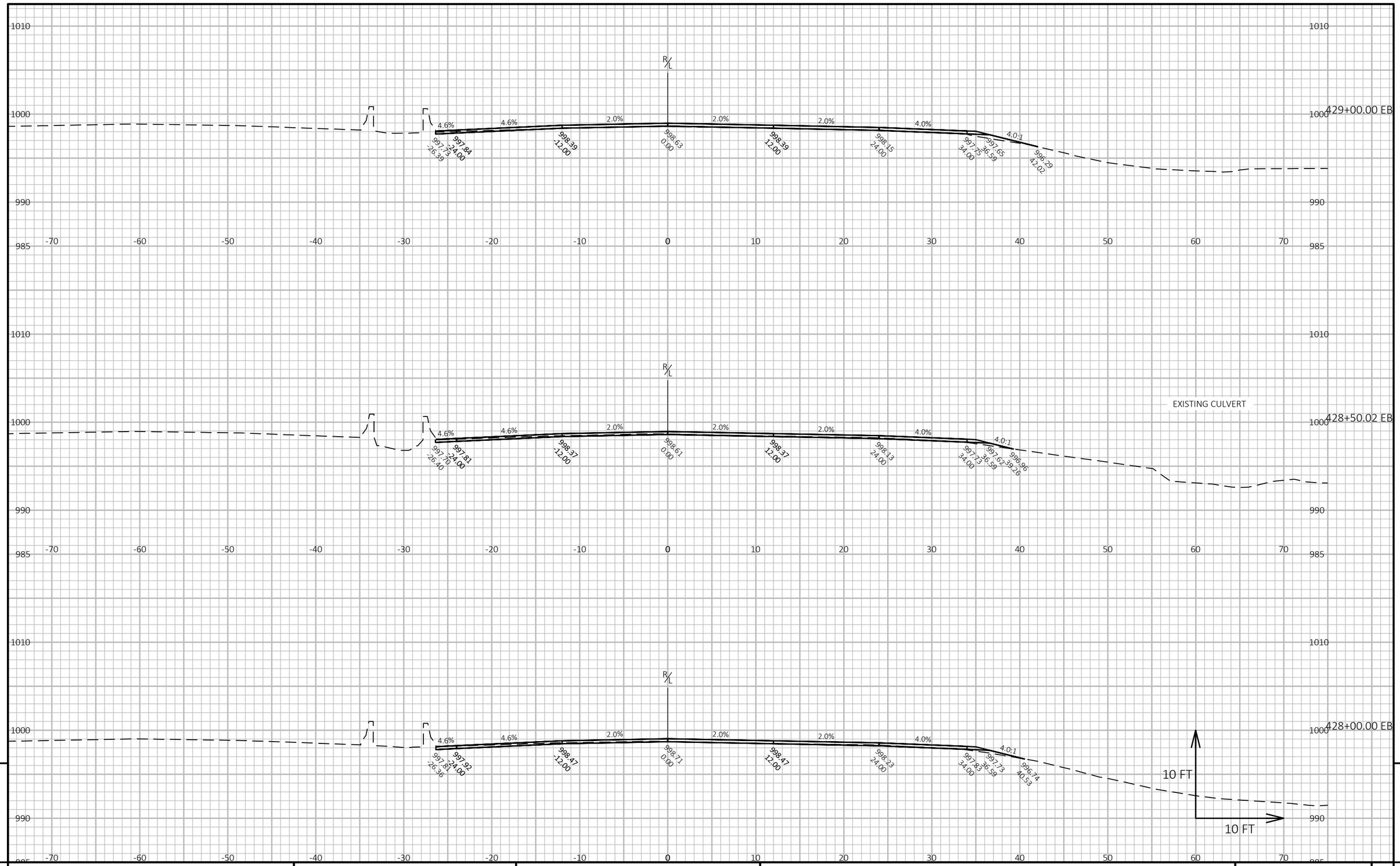
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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 184	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/10/2024 1:28 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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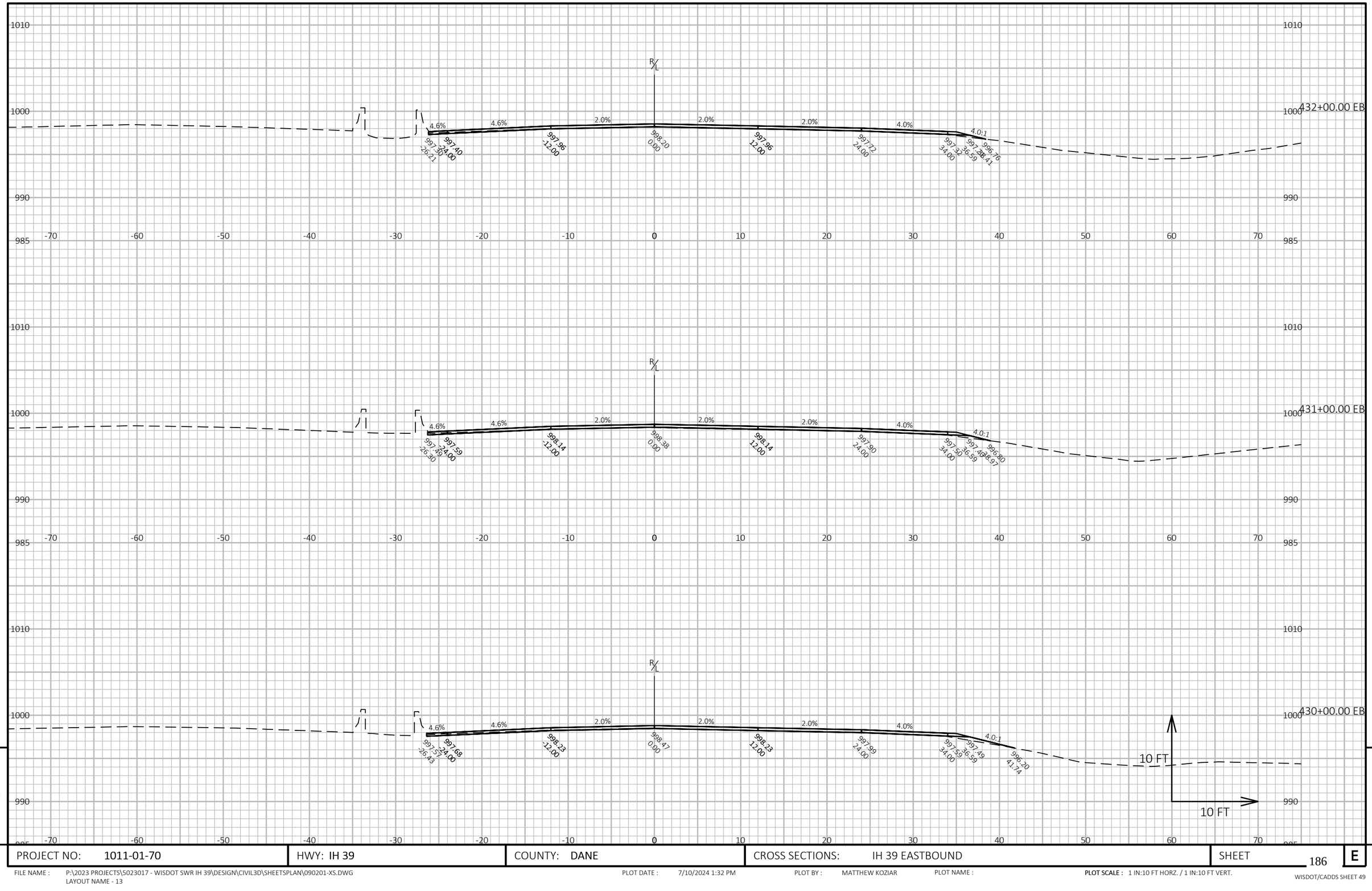
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 185	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 7/10/2024 1:30 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

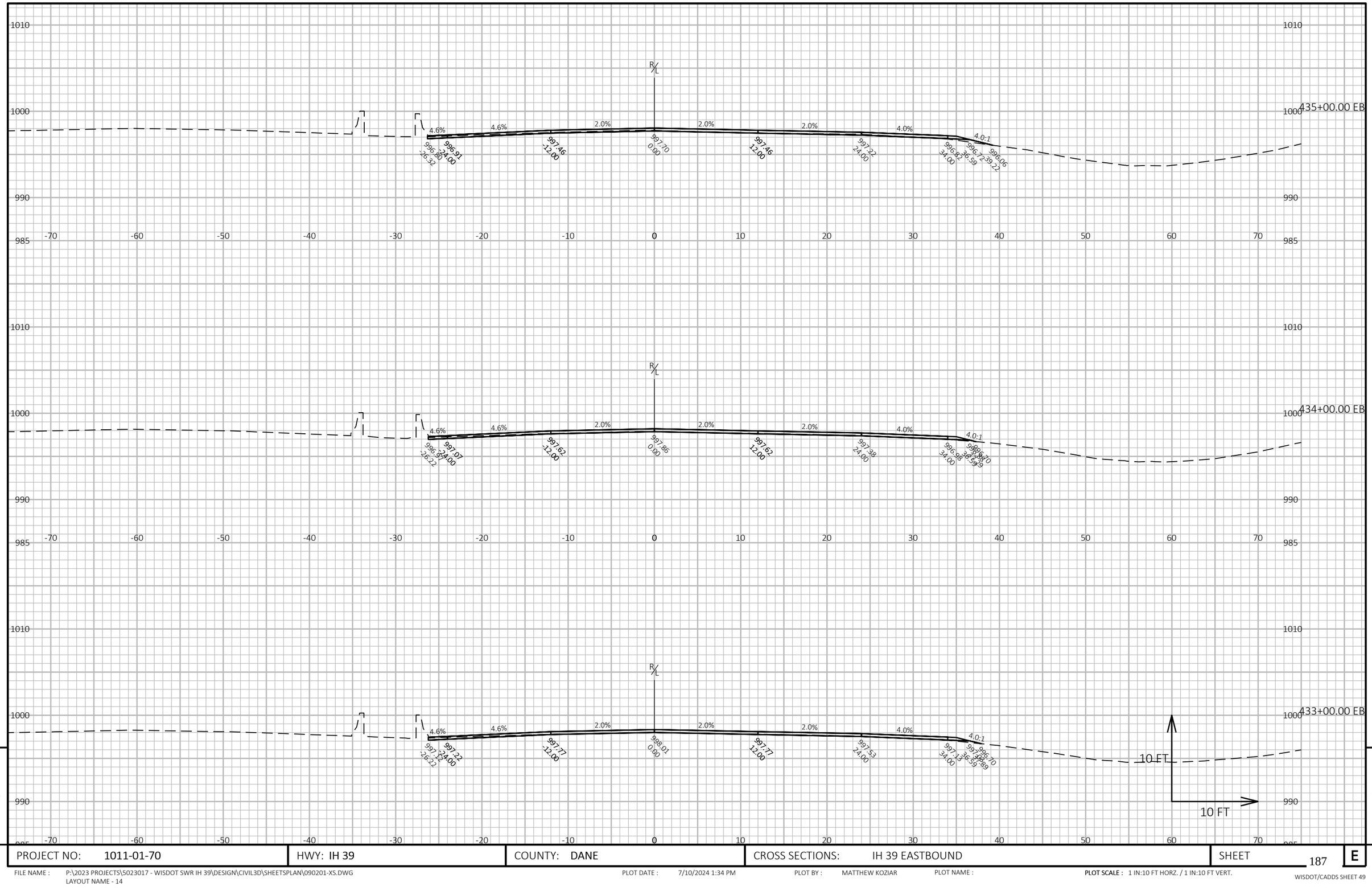


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 186	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/10/2024 1:32 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



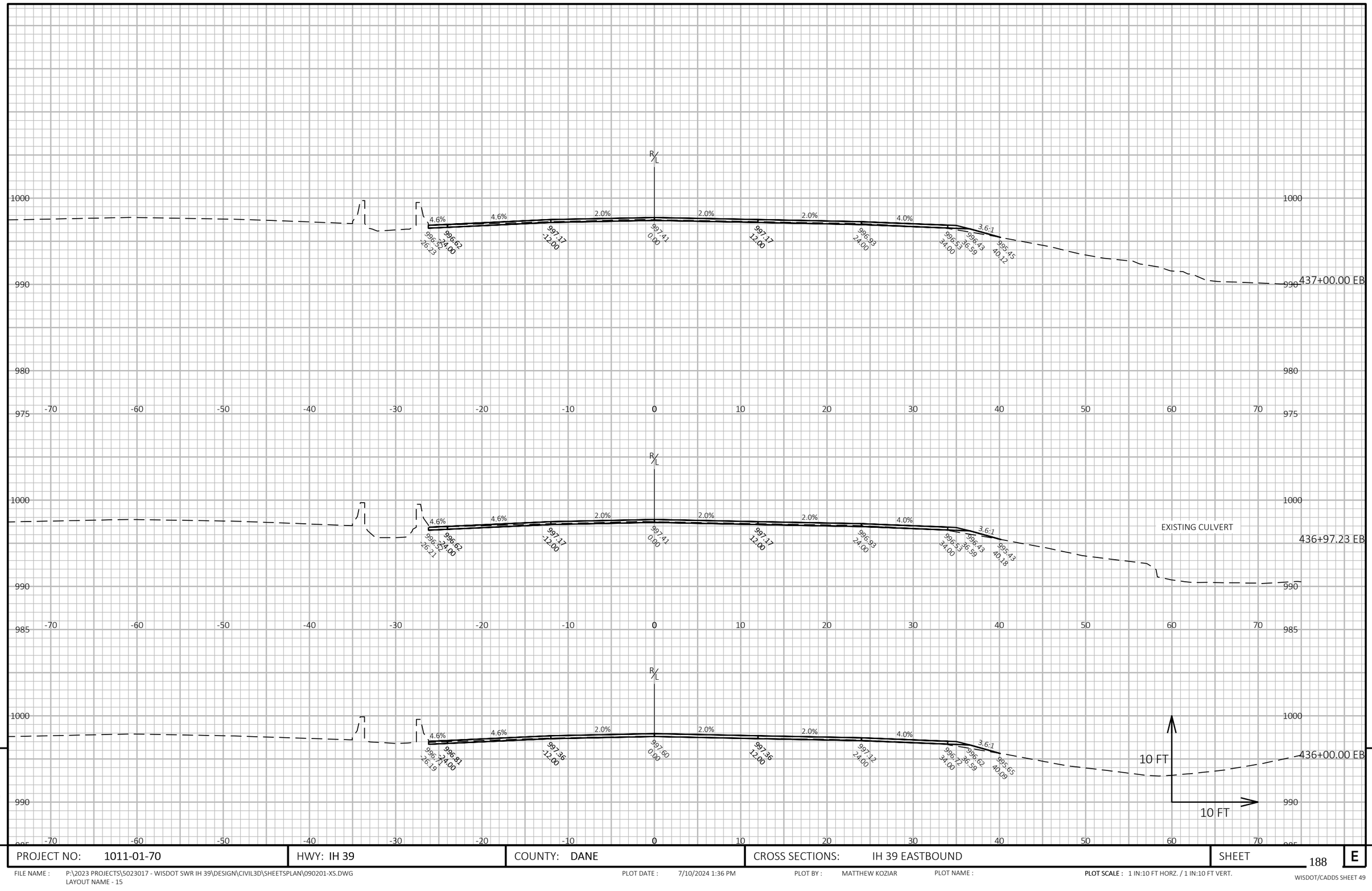
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 187 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/10/2024 1:34 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

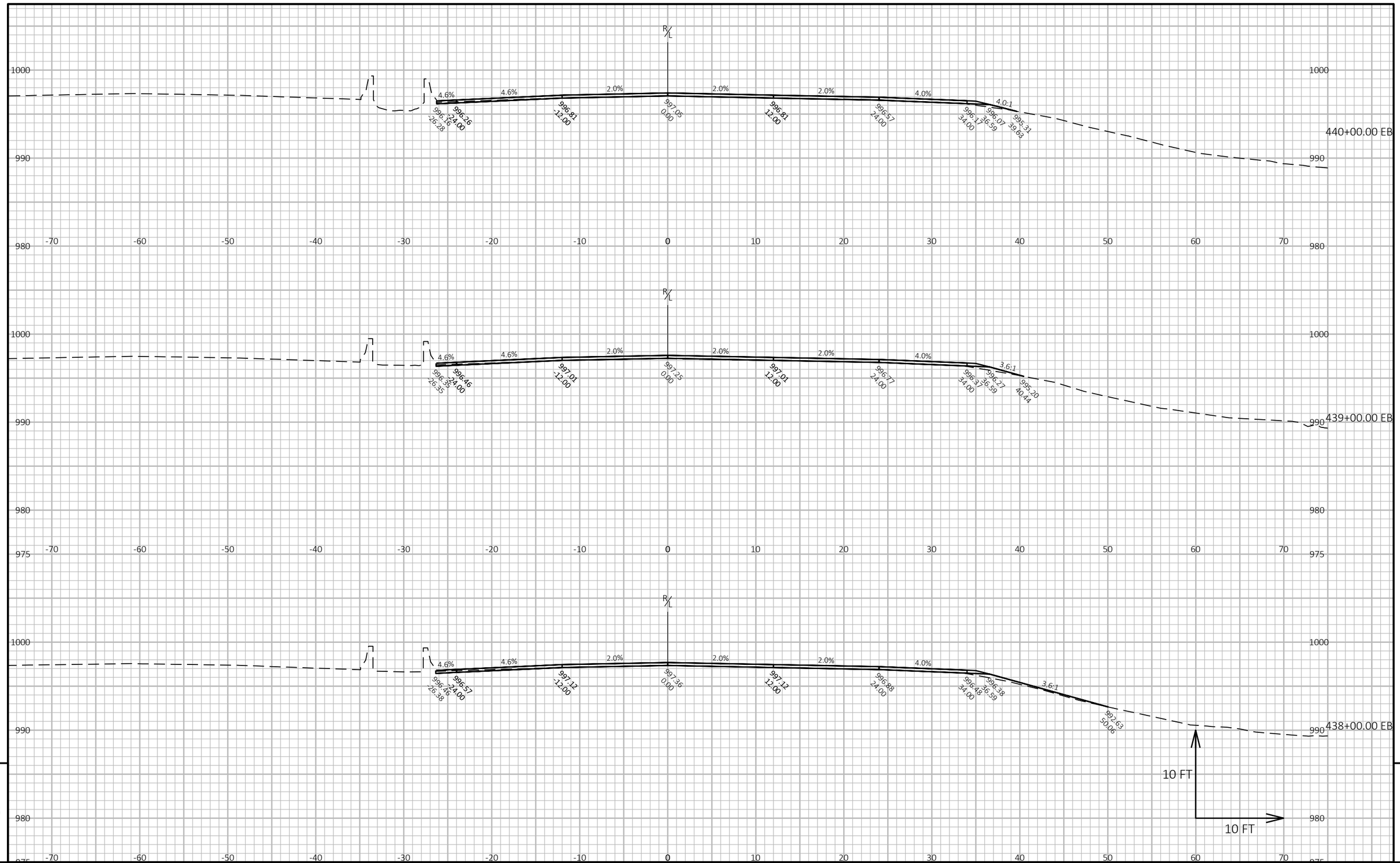


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 188	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/10/2024 1:36 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

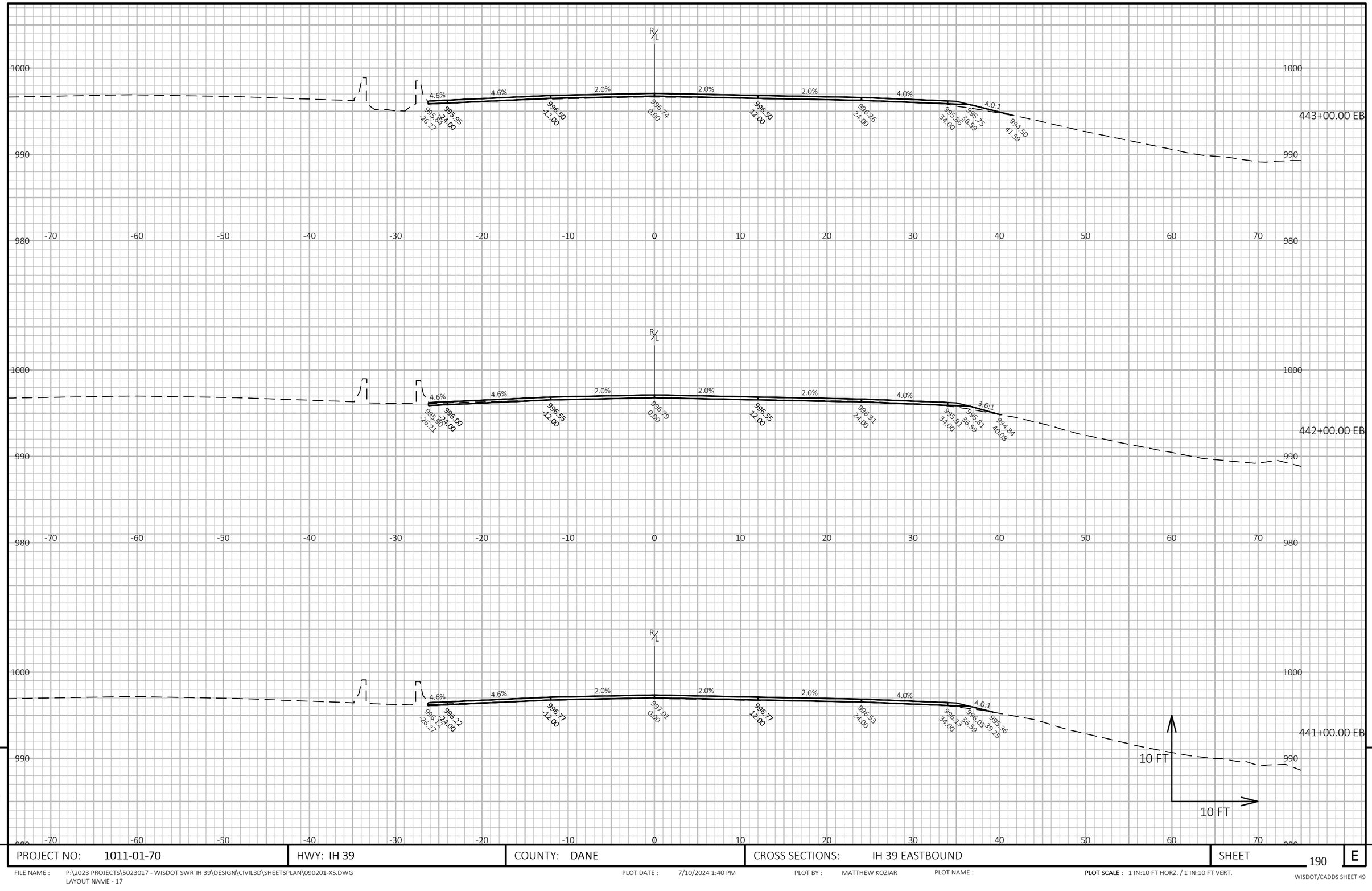


9 9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 189	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 7/10/2024 1:38 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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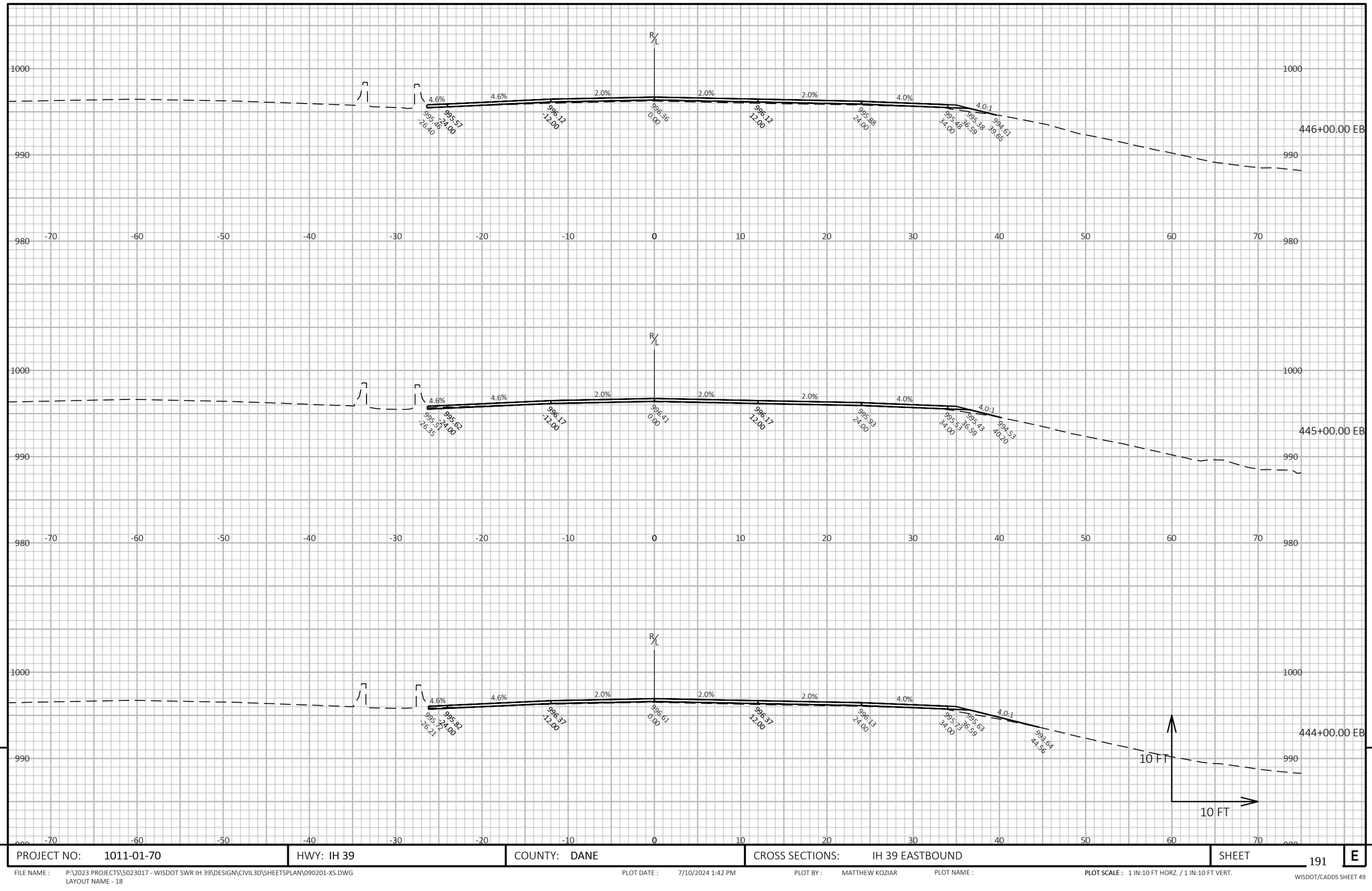
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 190	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/10/2024 1:40 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

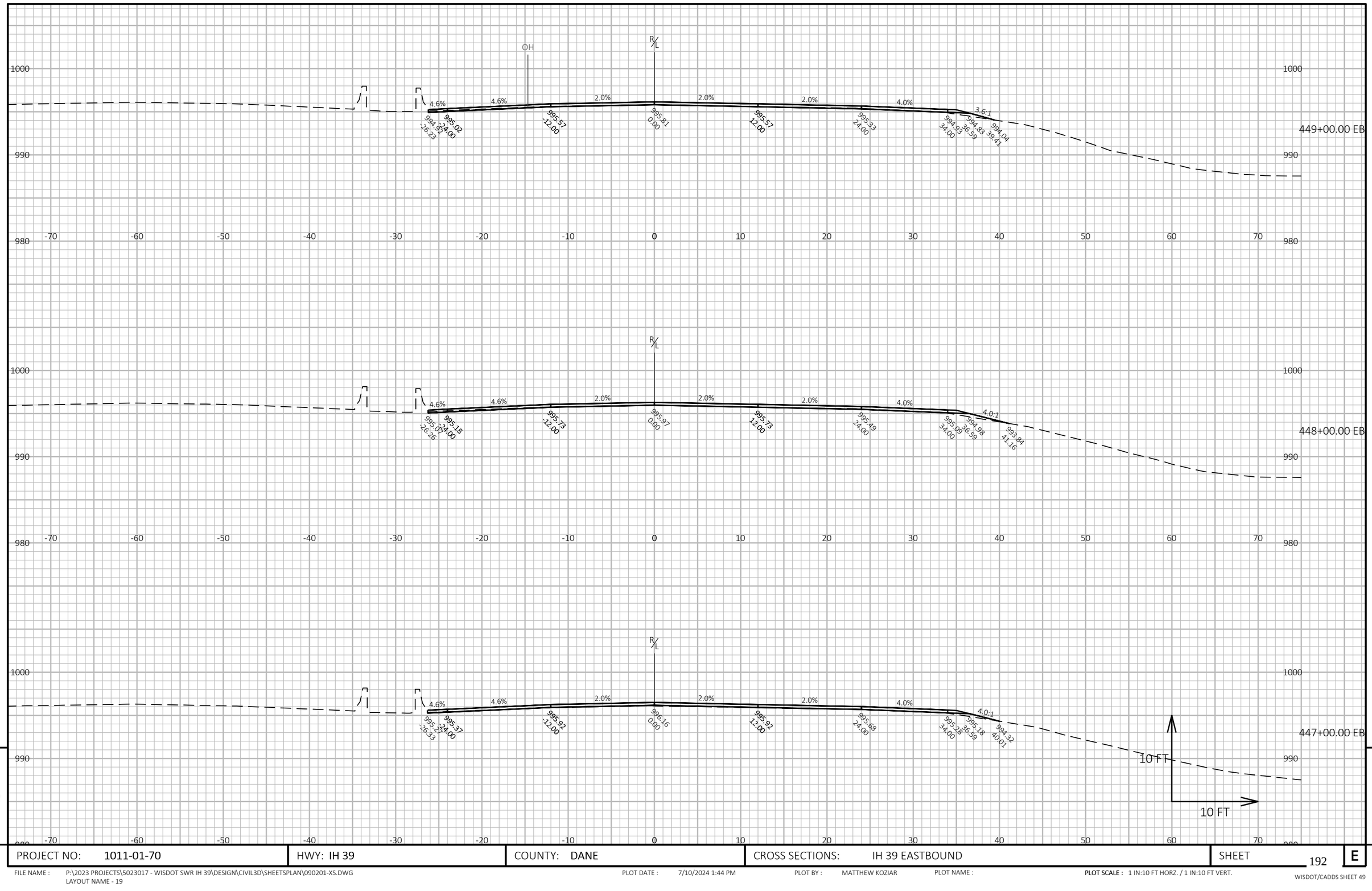
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 191	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 7/10/2024 1:42 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

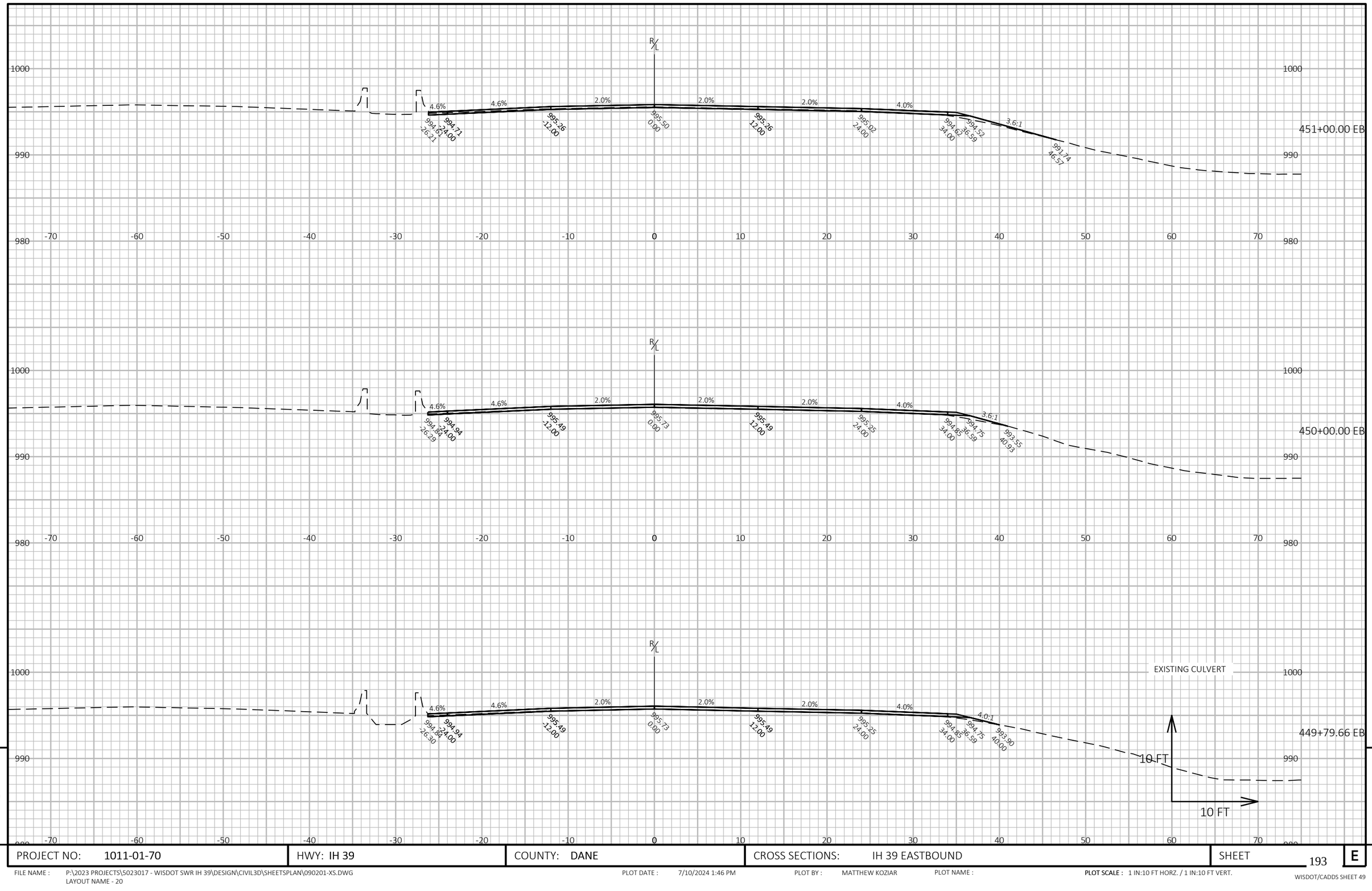
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 192	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 7/10/2024 1:44 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

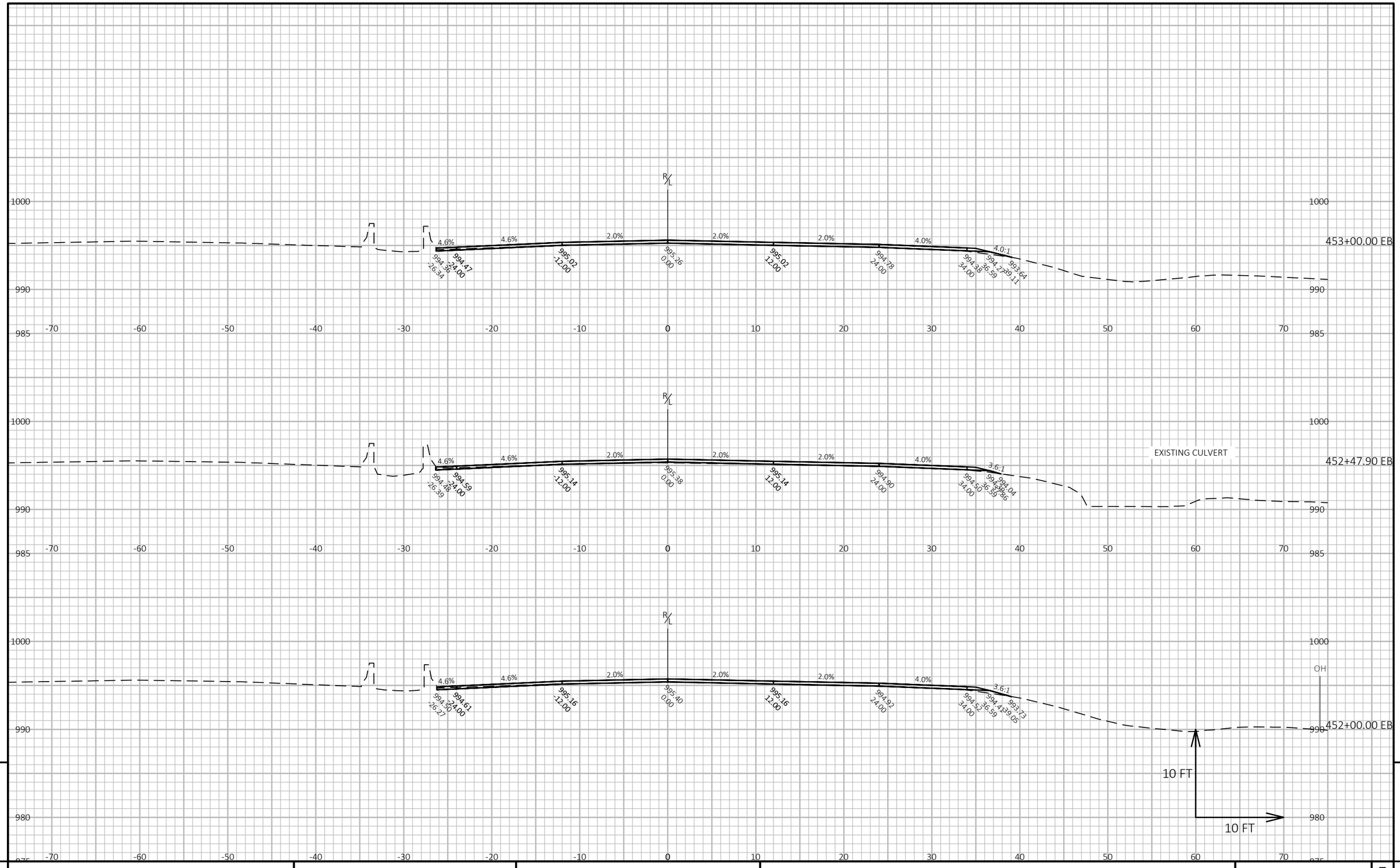


9 9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 193	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 20

PLOT DATE : 7/10/2024 1:46 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

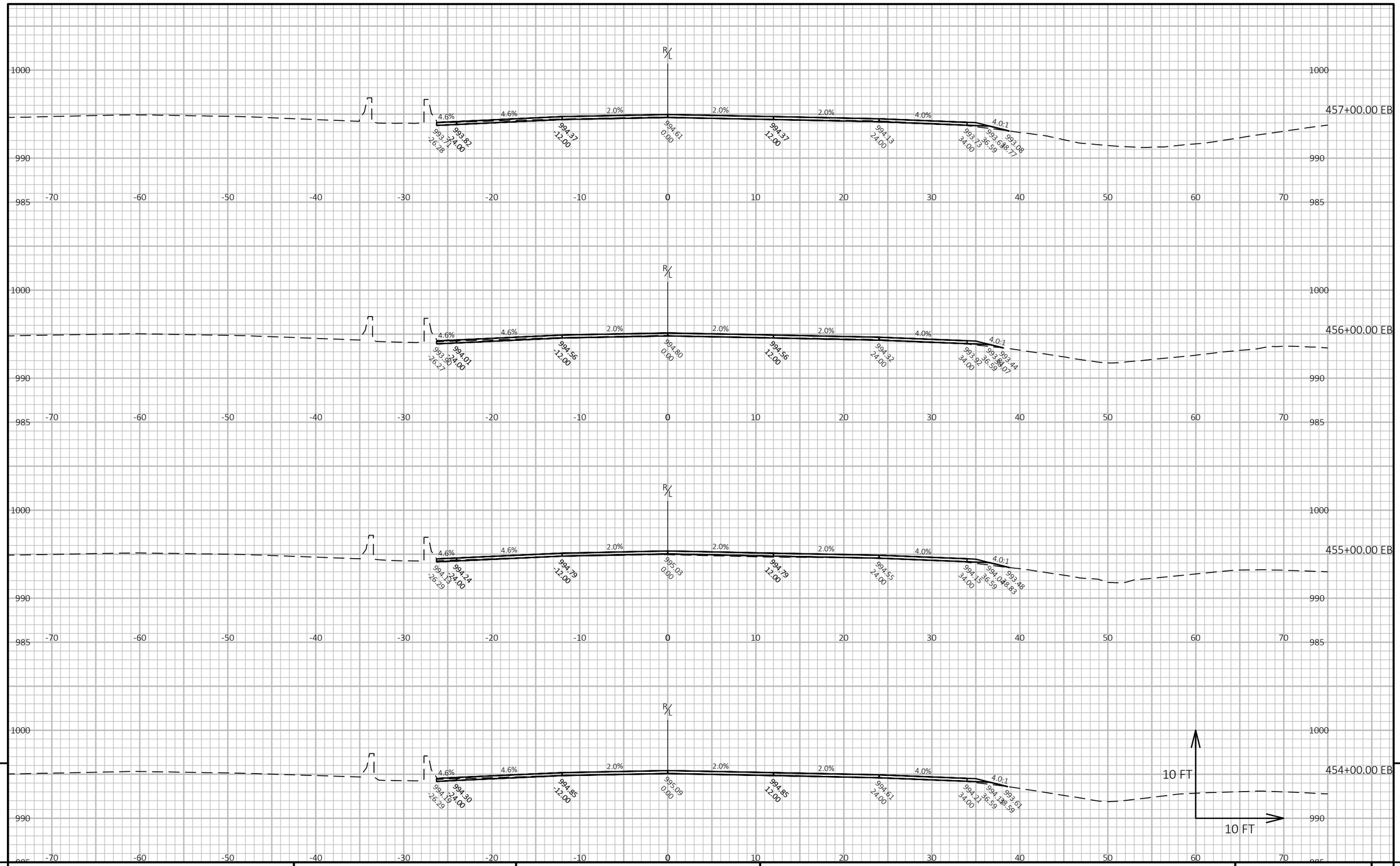


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 194	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 7/10/2024 1:47 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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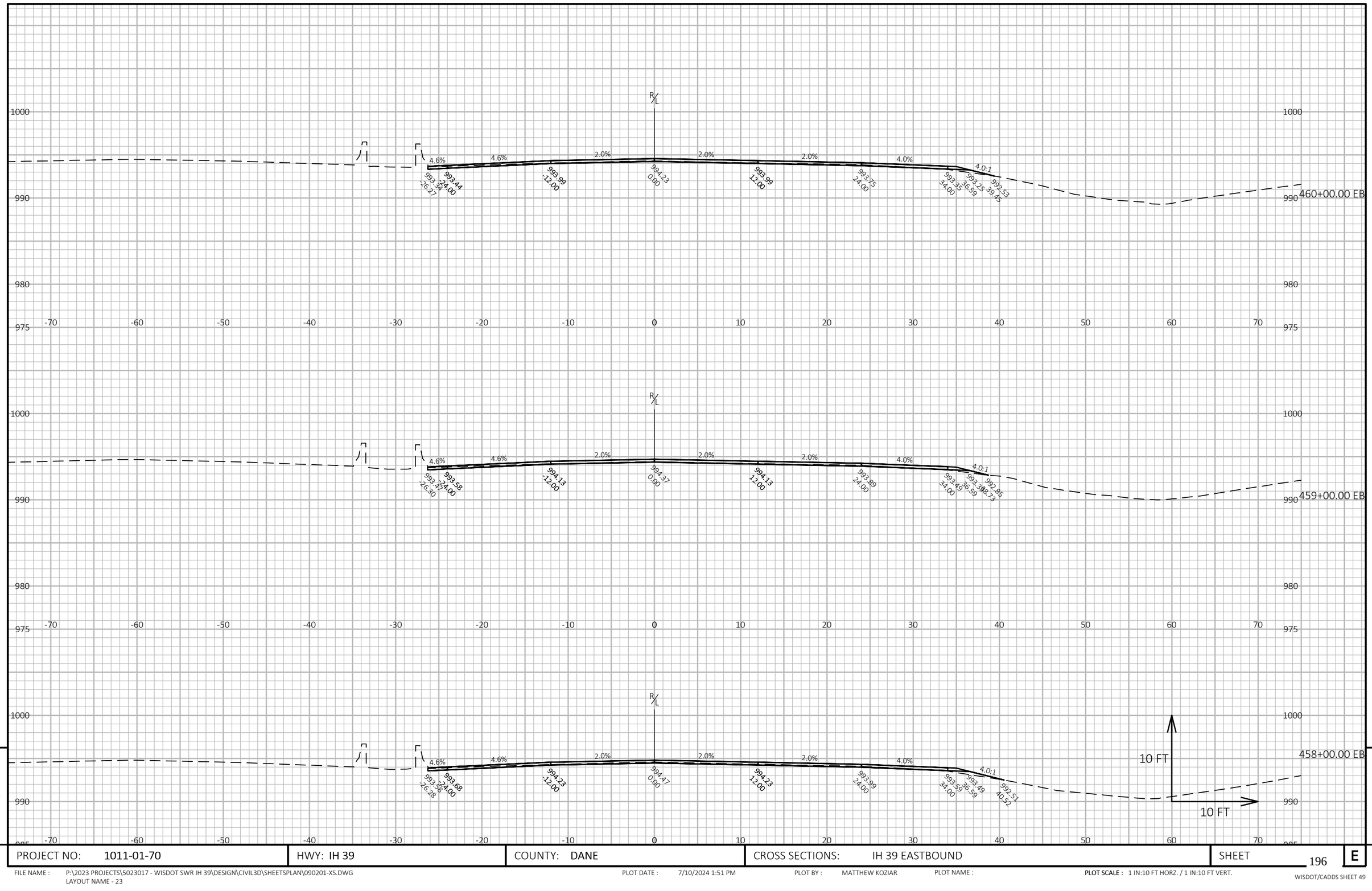
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 195	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 7/10/2024 1:49 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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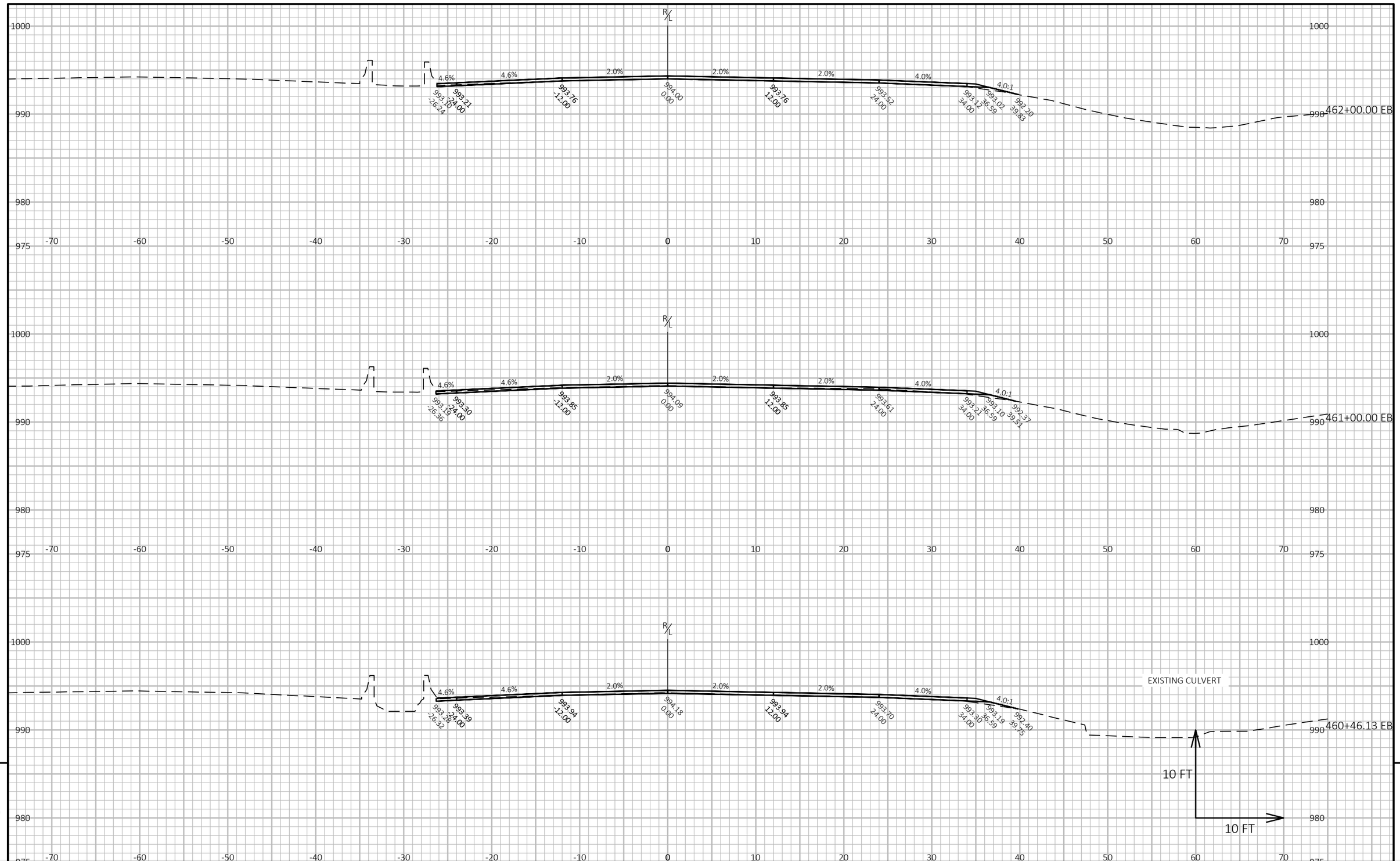
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 196	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 23

PLOT DATE : 7/10/2024 1:51 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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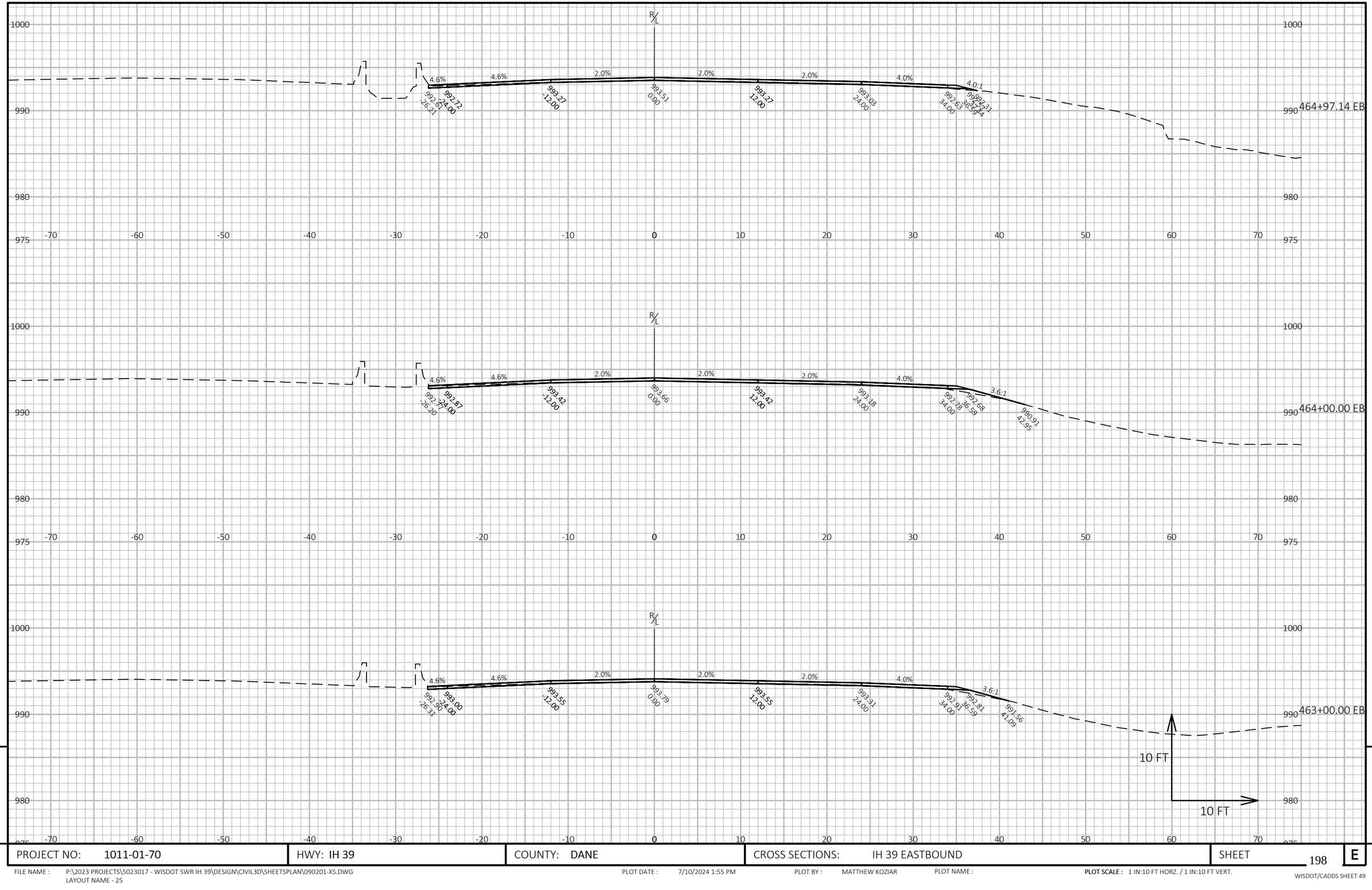
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 197	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/10/2024 1:53 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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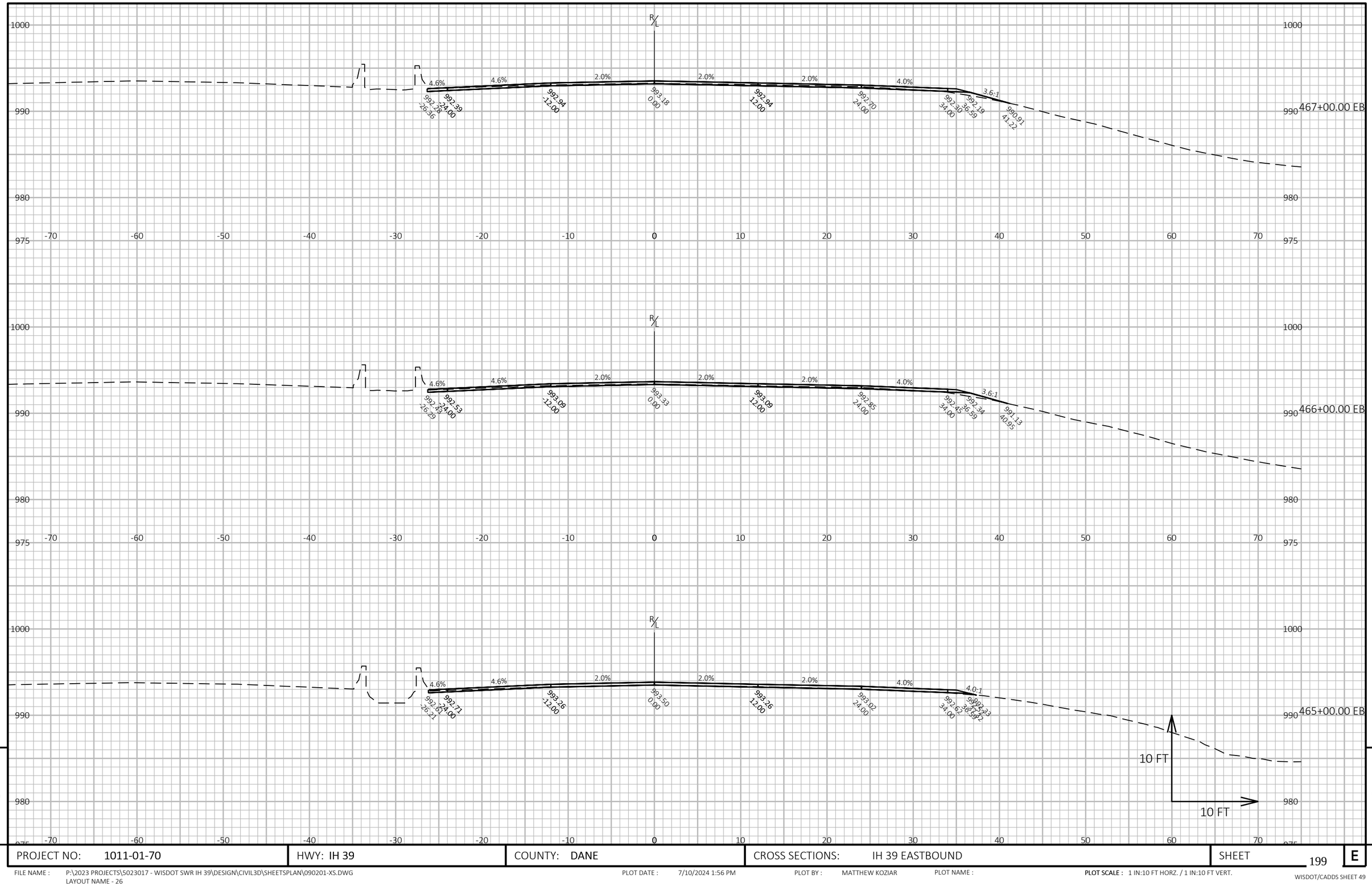
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 198	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 7/10/2024 1:55 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



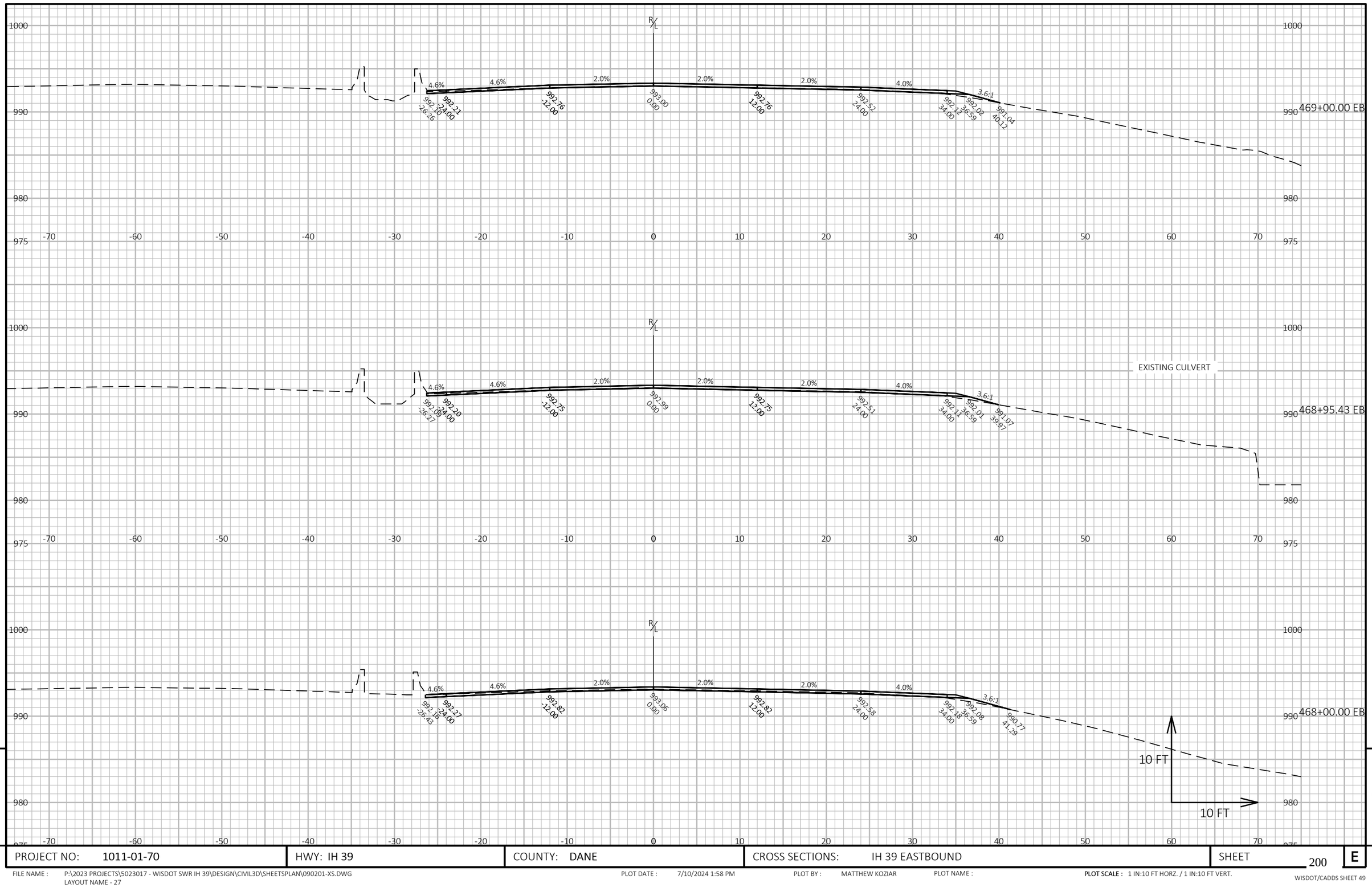
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 199 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 7/10/2024 1:56 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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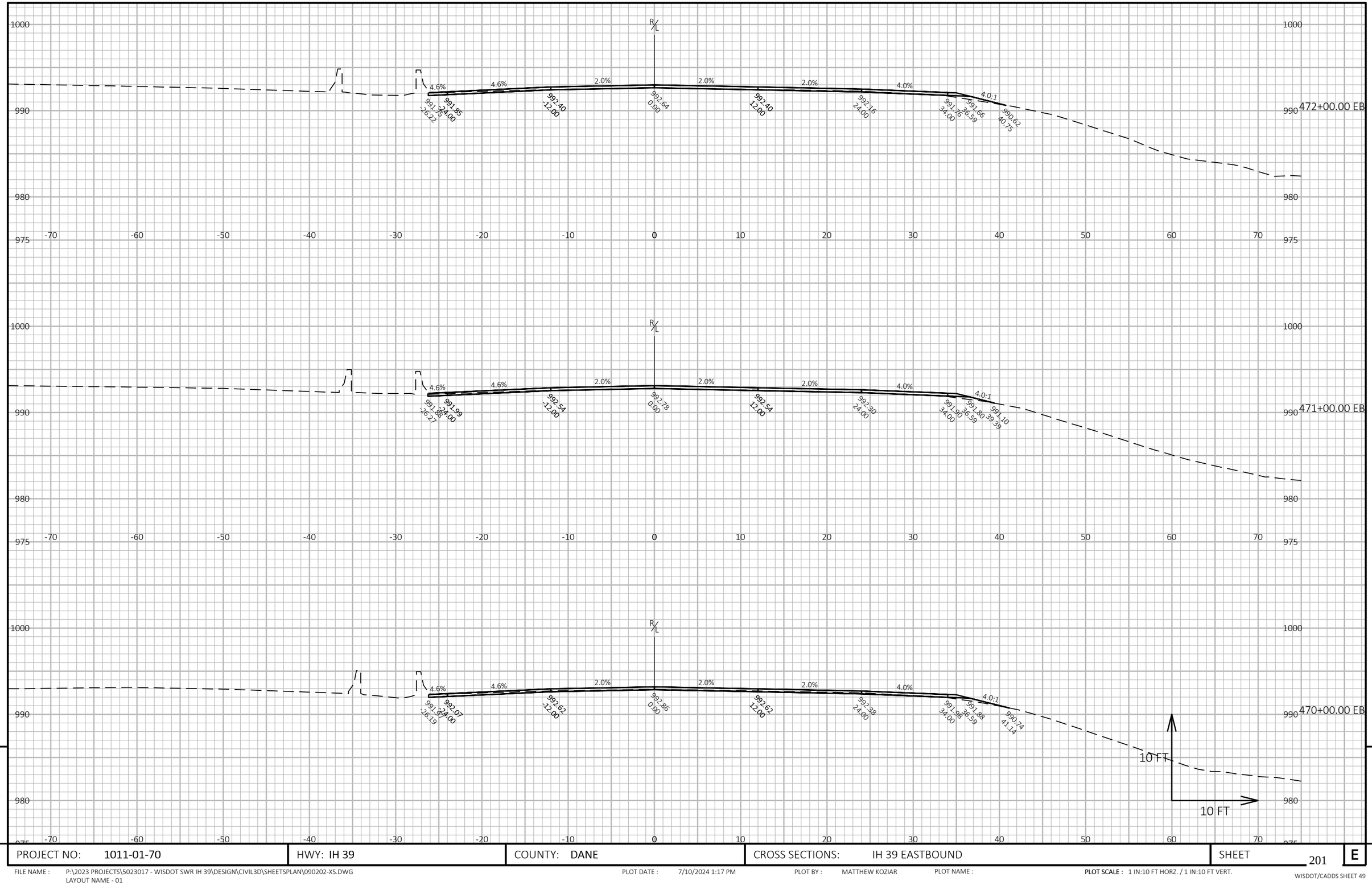
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 200 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 27

PLOT DATE : 7/10/2024 1:58 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 201	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/10/2024 1:17 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 202	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 02

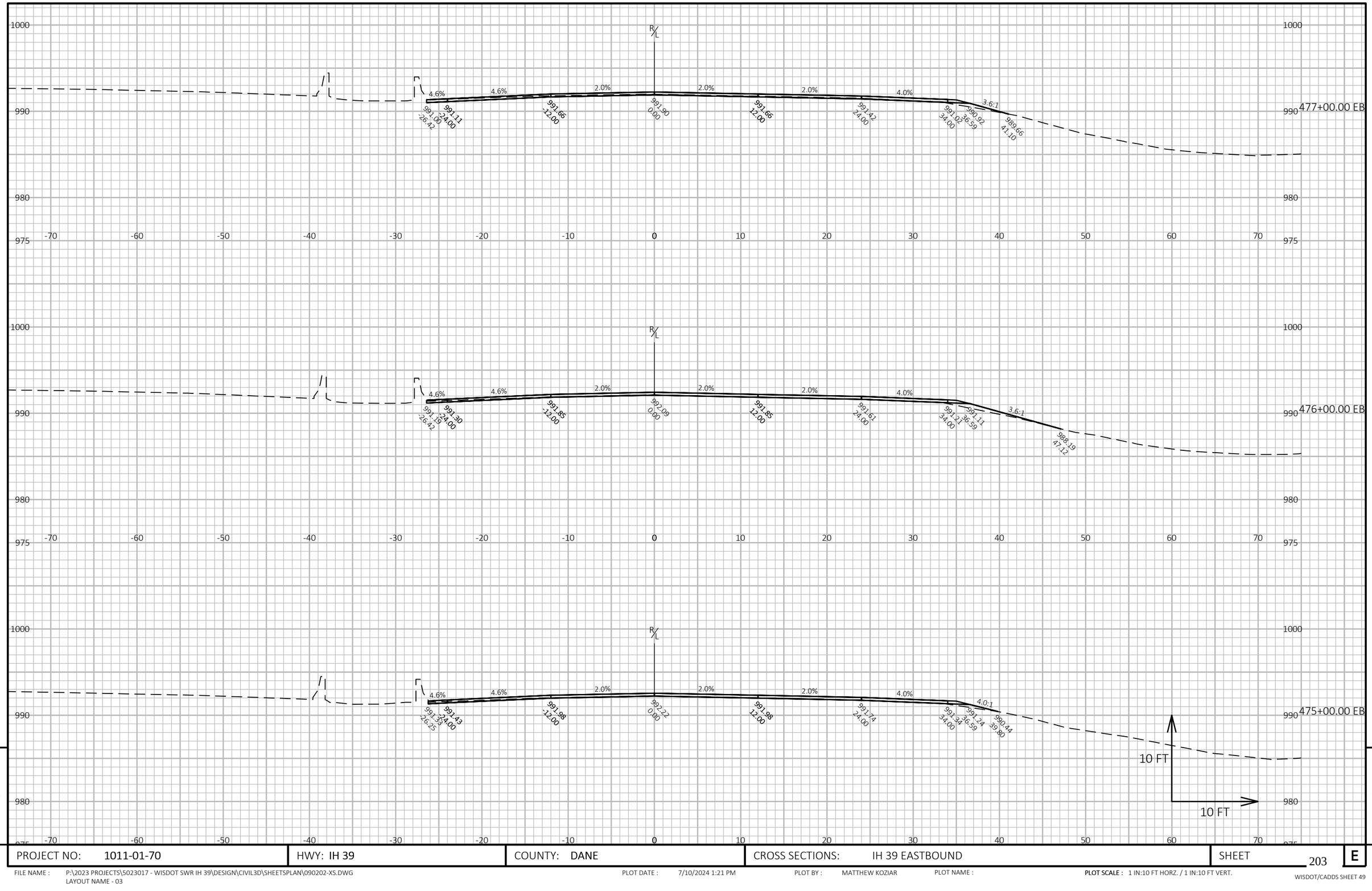
PLOT DATE : 7/10/2024 1:19 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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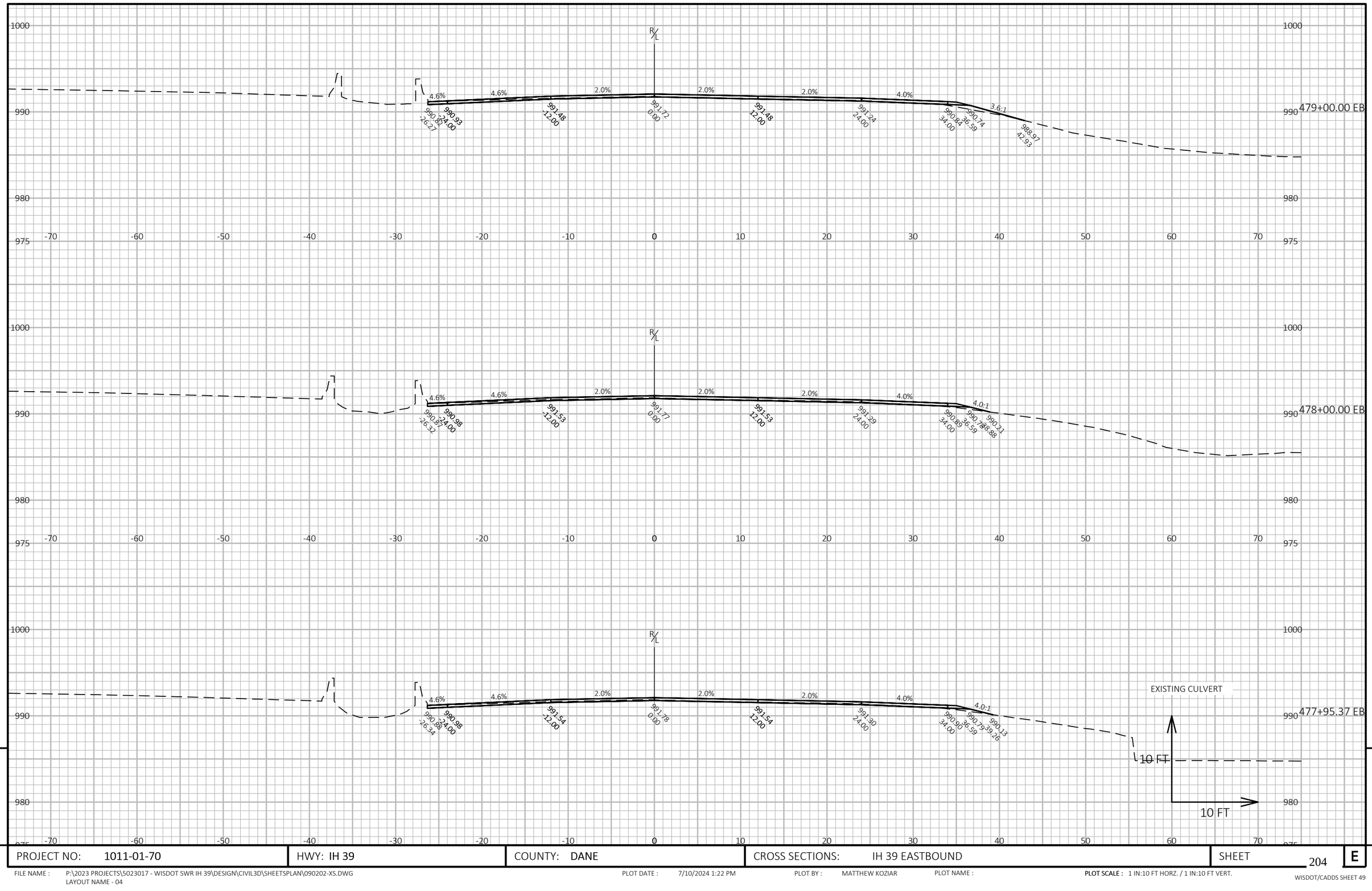
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 203	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 7/10/2024 1:21 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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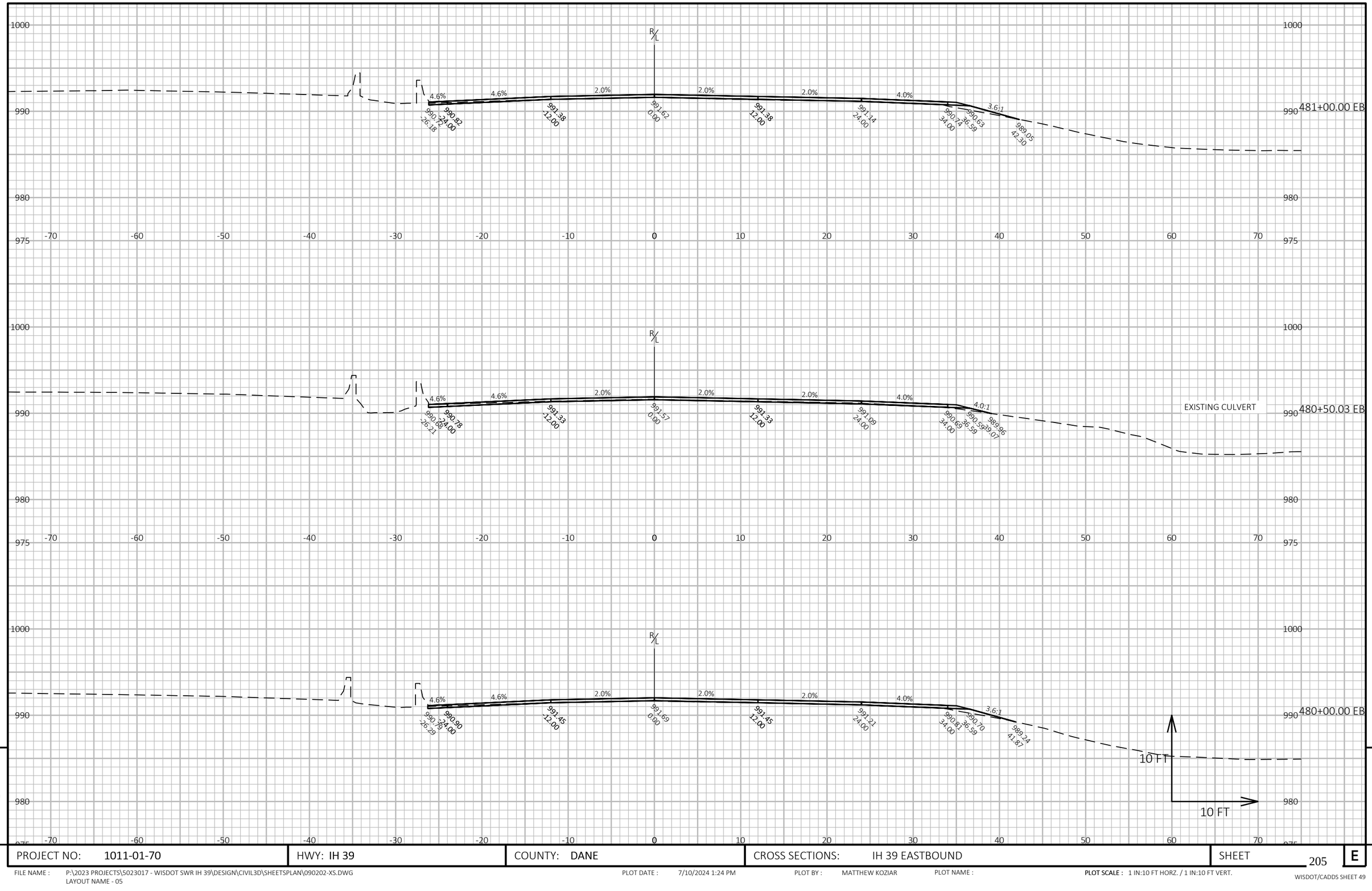
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 204	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/10/2024 1:22 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

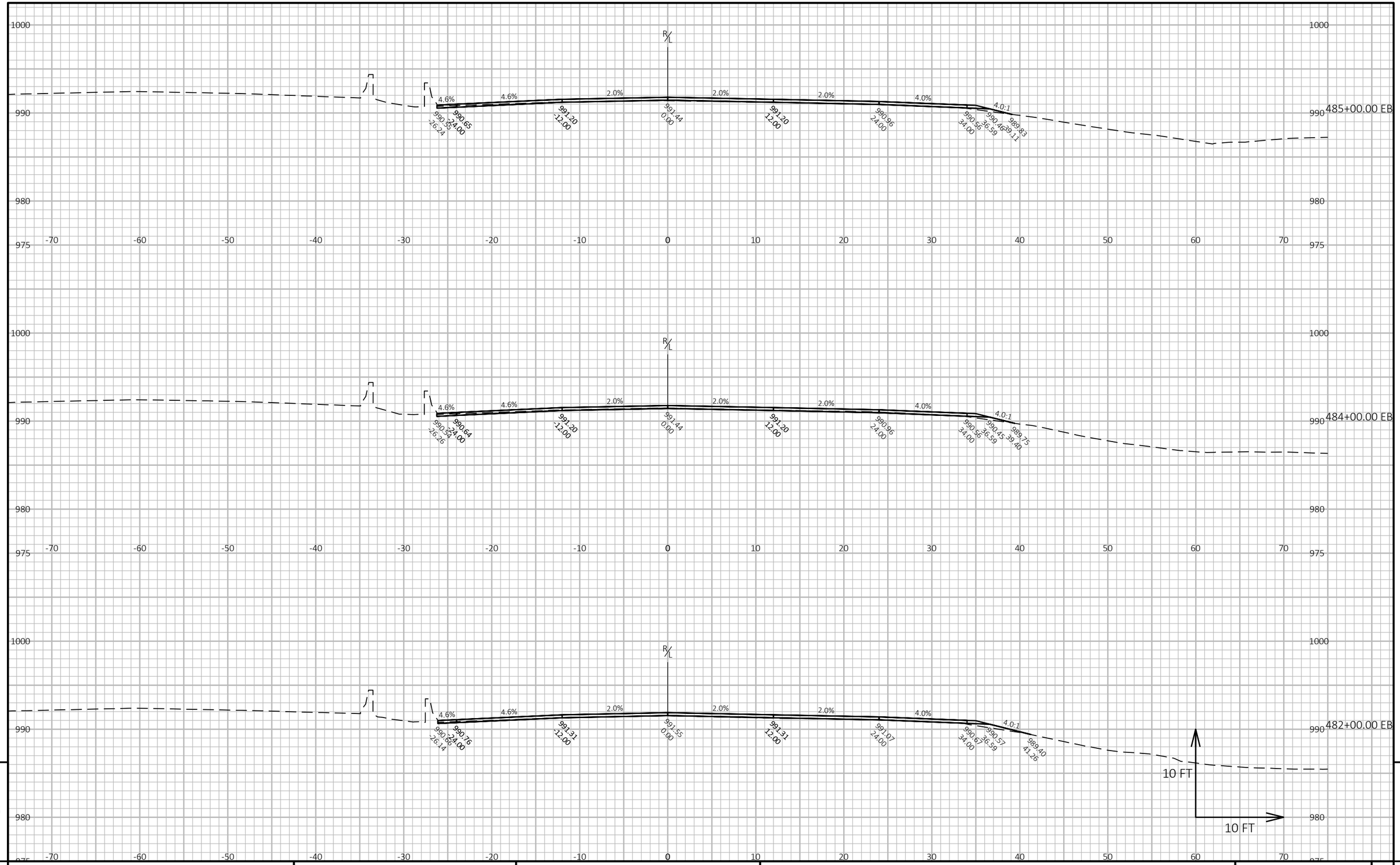


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 205	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/10/2024 1:24 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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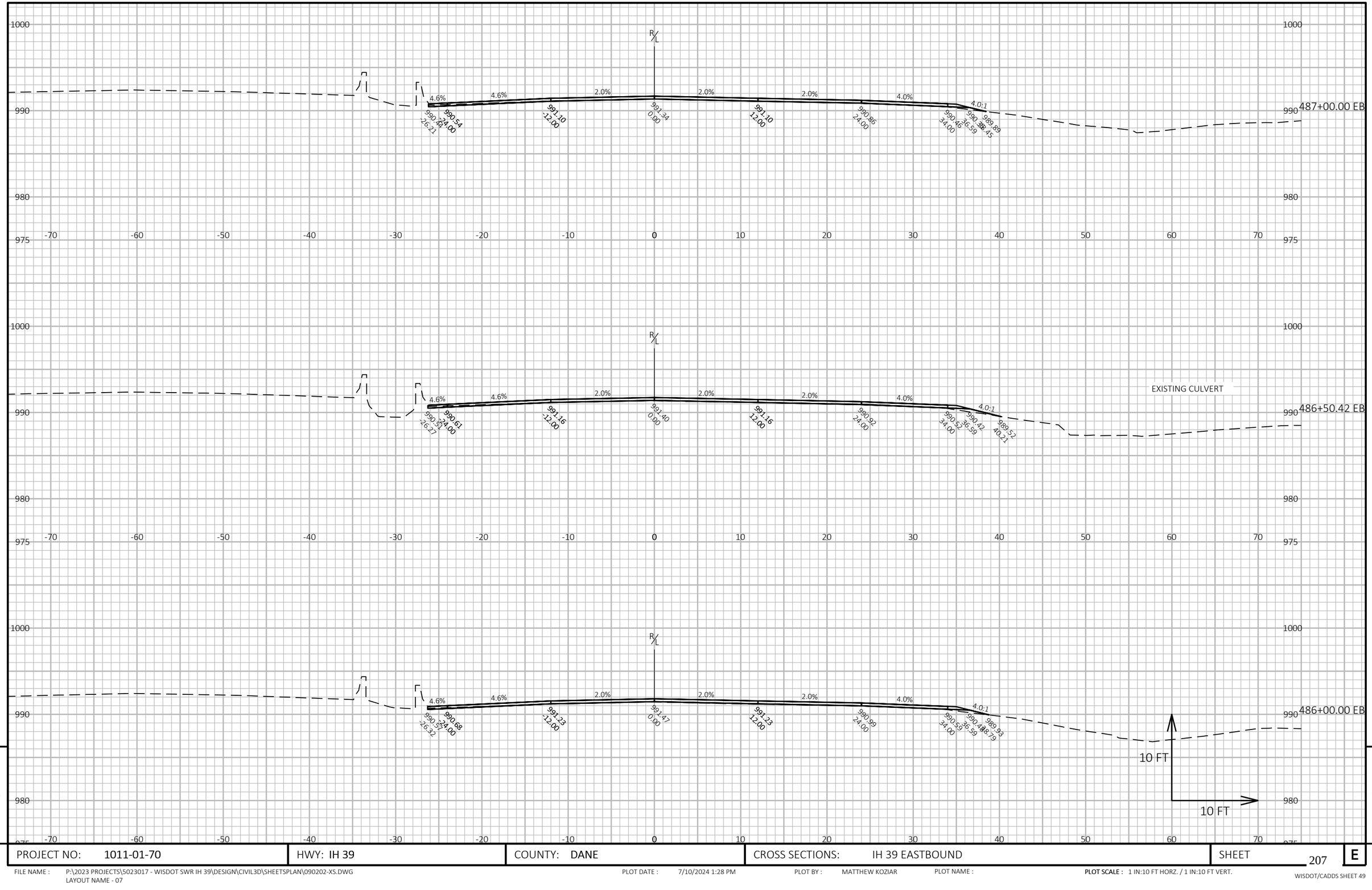
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 206	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 7/10/2024 1:26 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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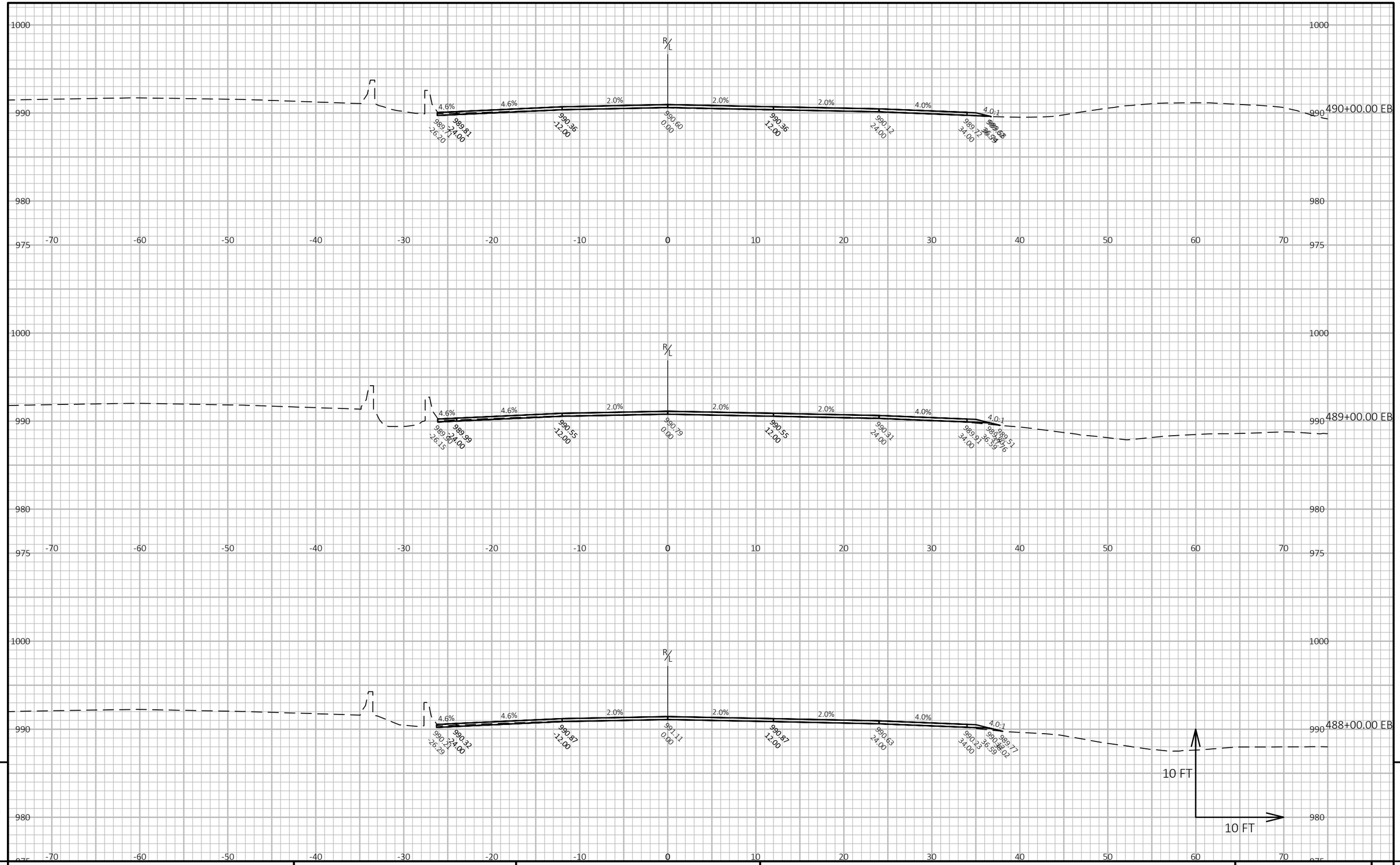
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 207	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/10/2024 1:28 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

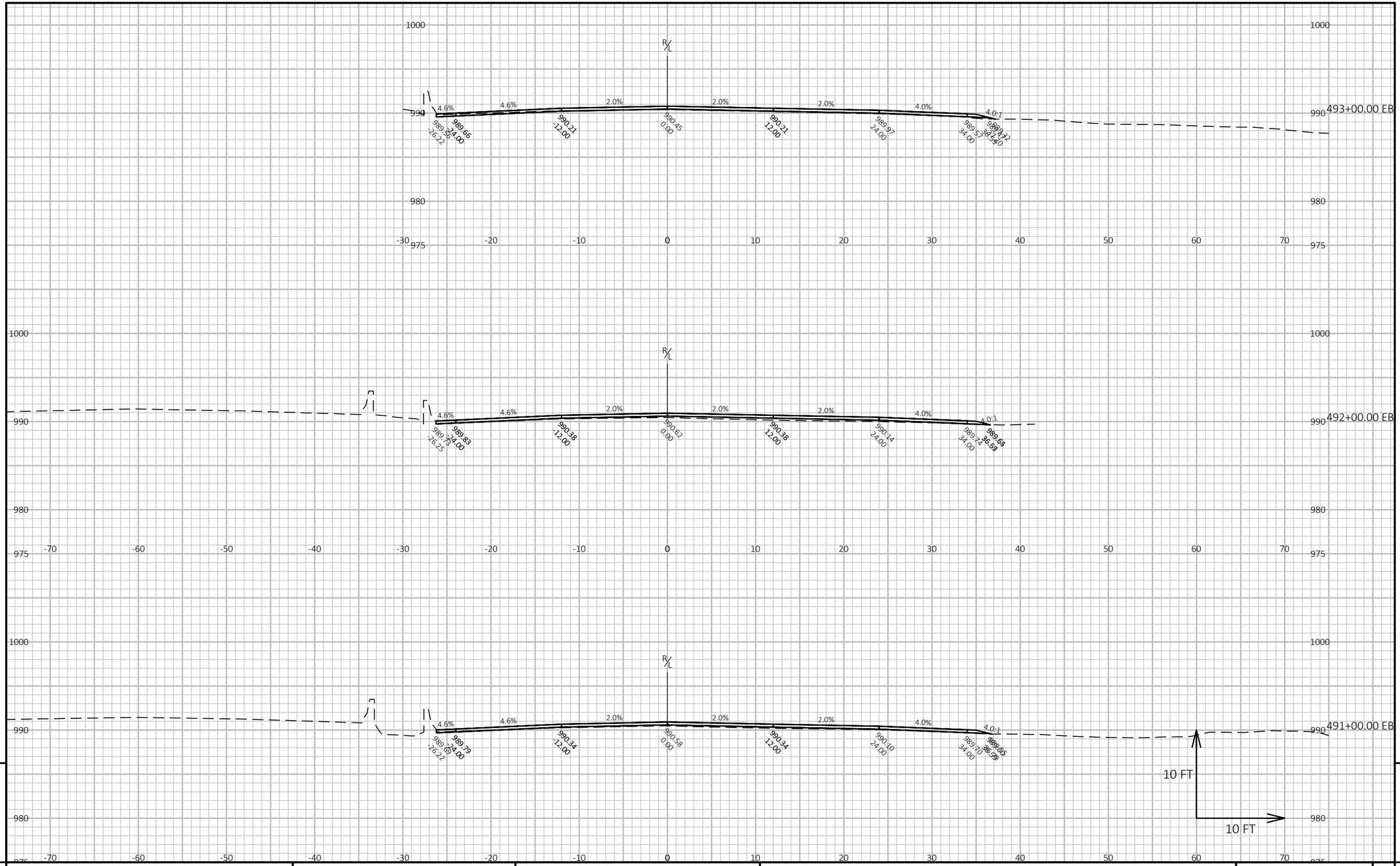


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 208	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 7/10/2024 1:30 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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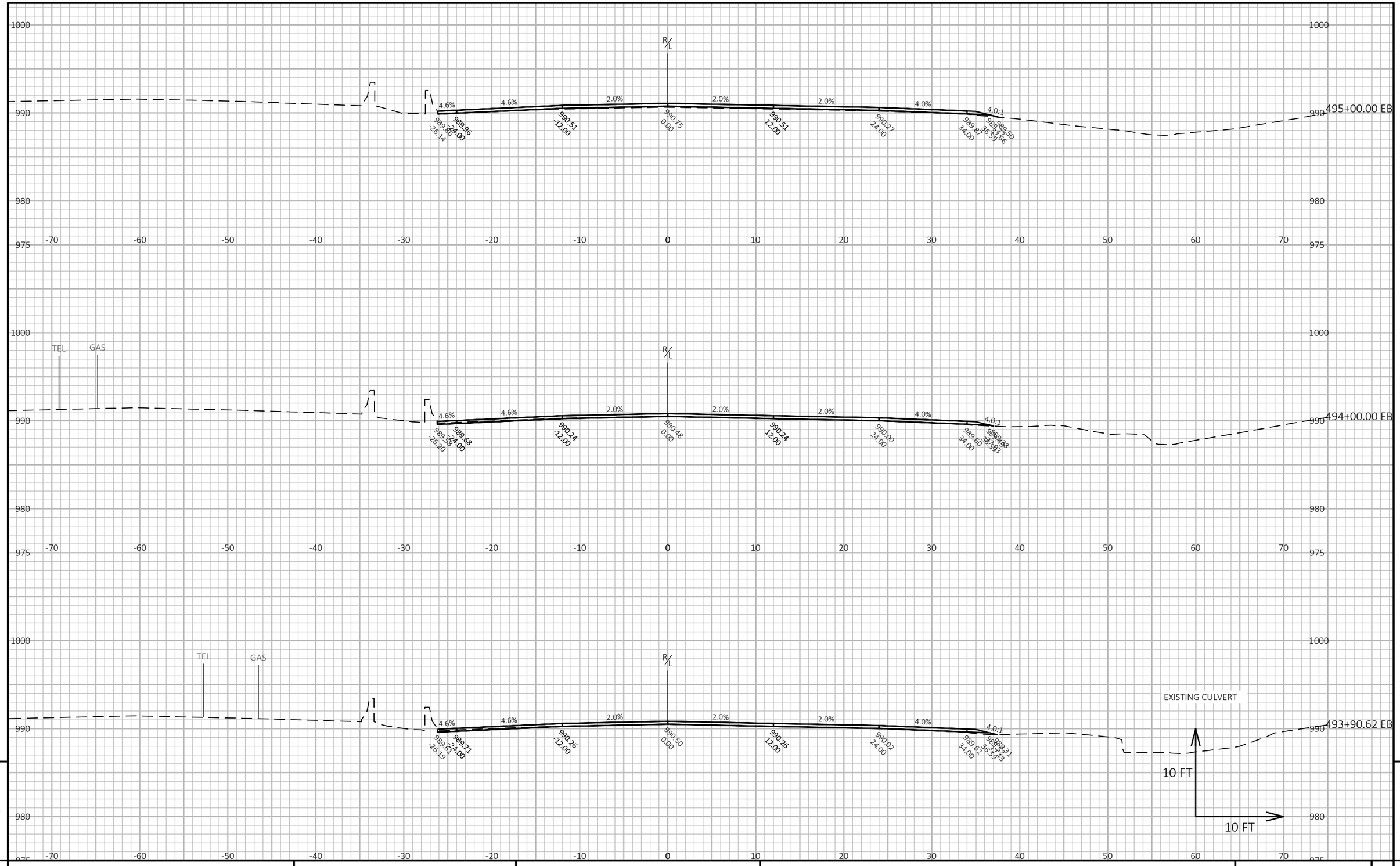
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 209	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/10/2024 1:31 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



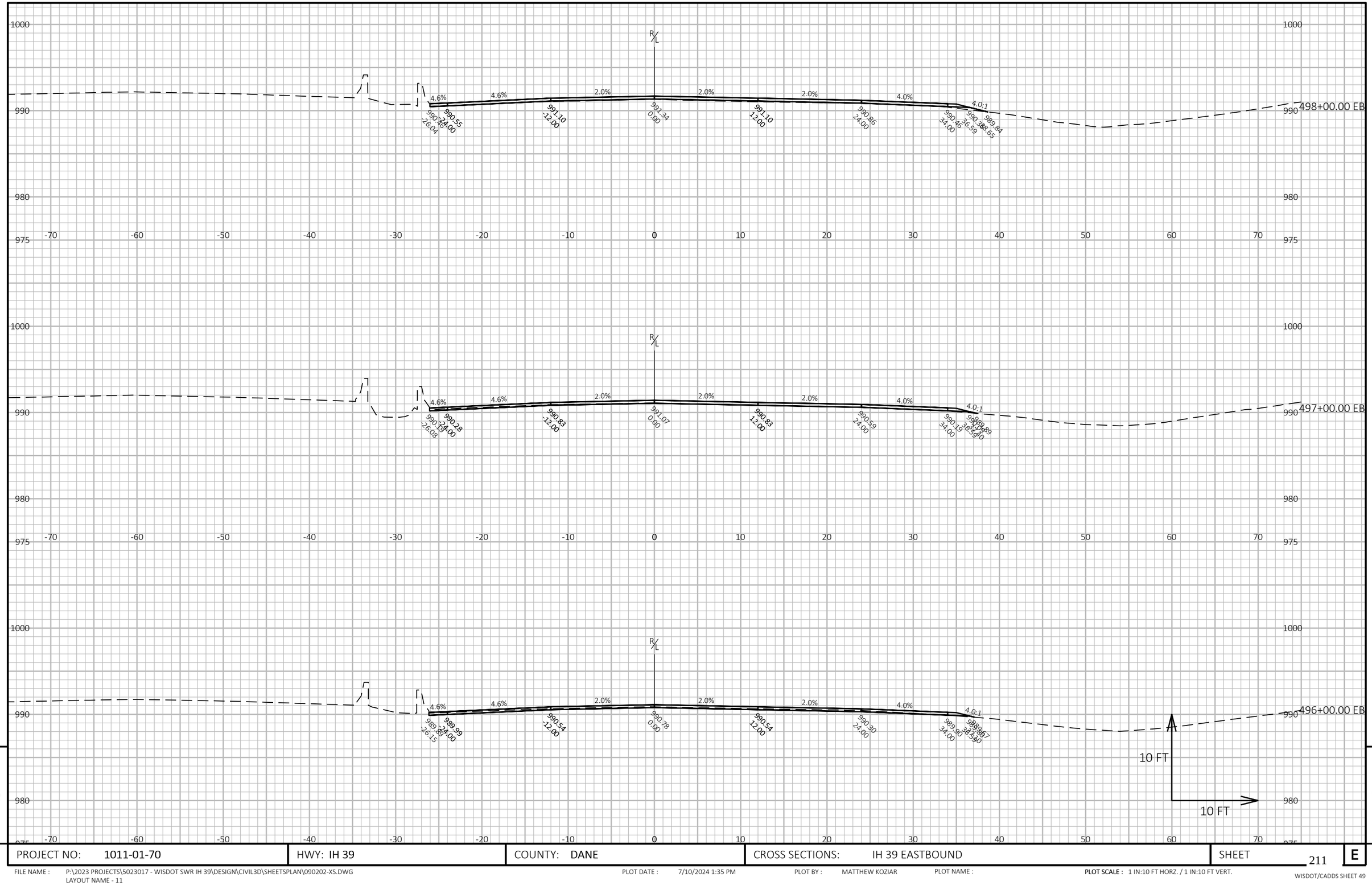
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 210	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/10/2024 1:33 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

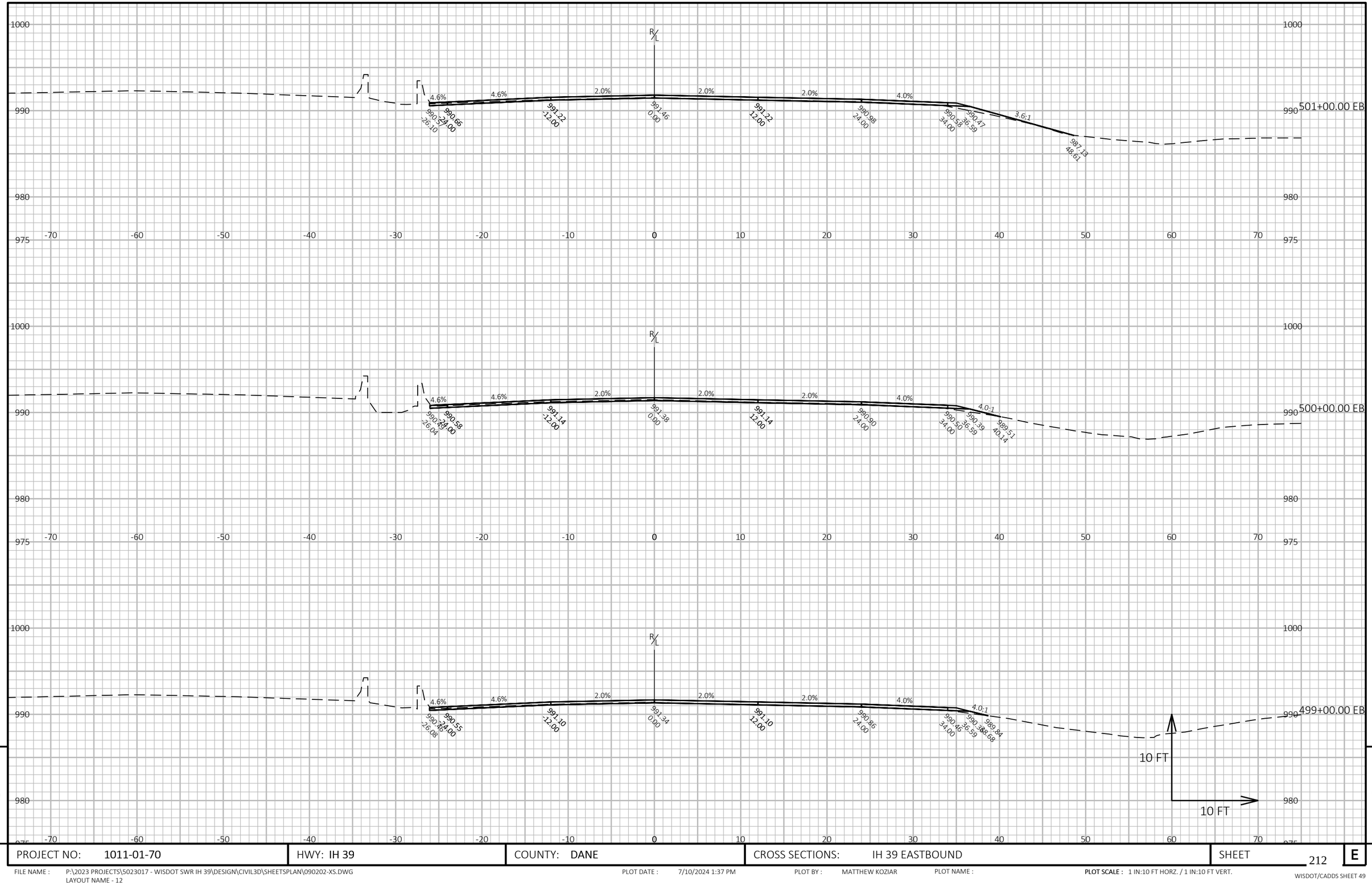


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 211 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/10/2024 1:35 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

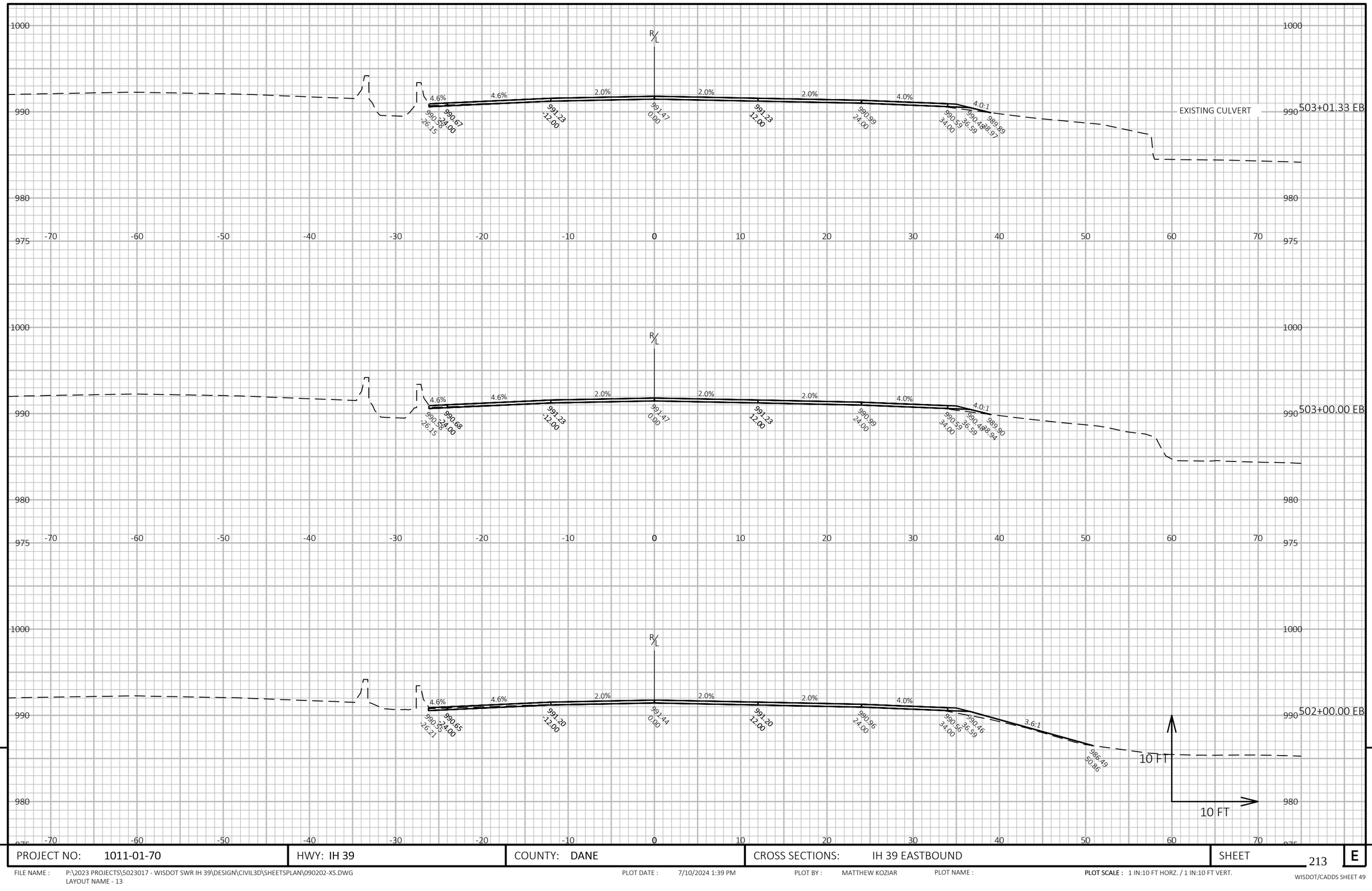


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 212	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 7/10/2024 1:37 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

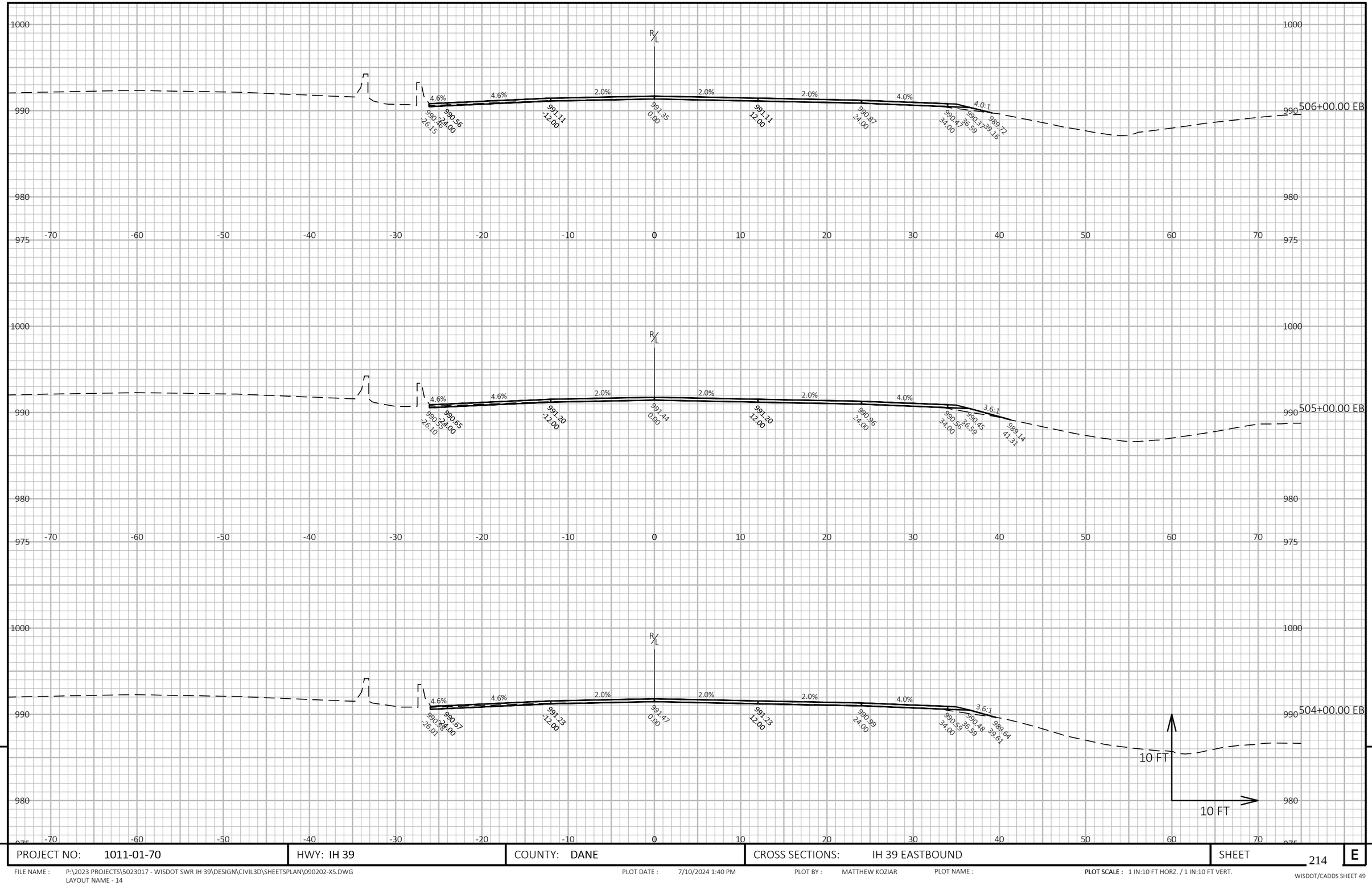
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 213	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/10/2024 1:39 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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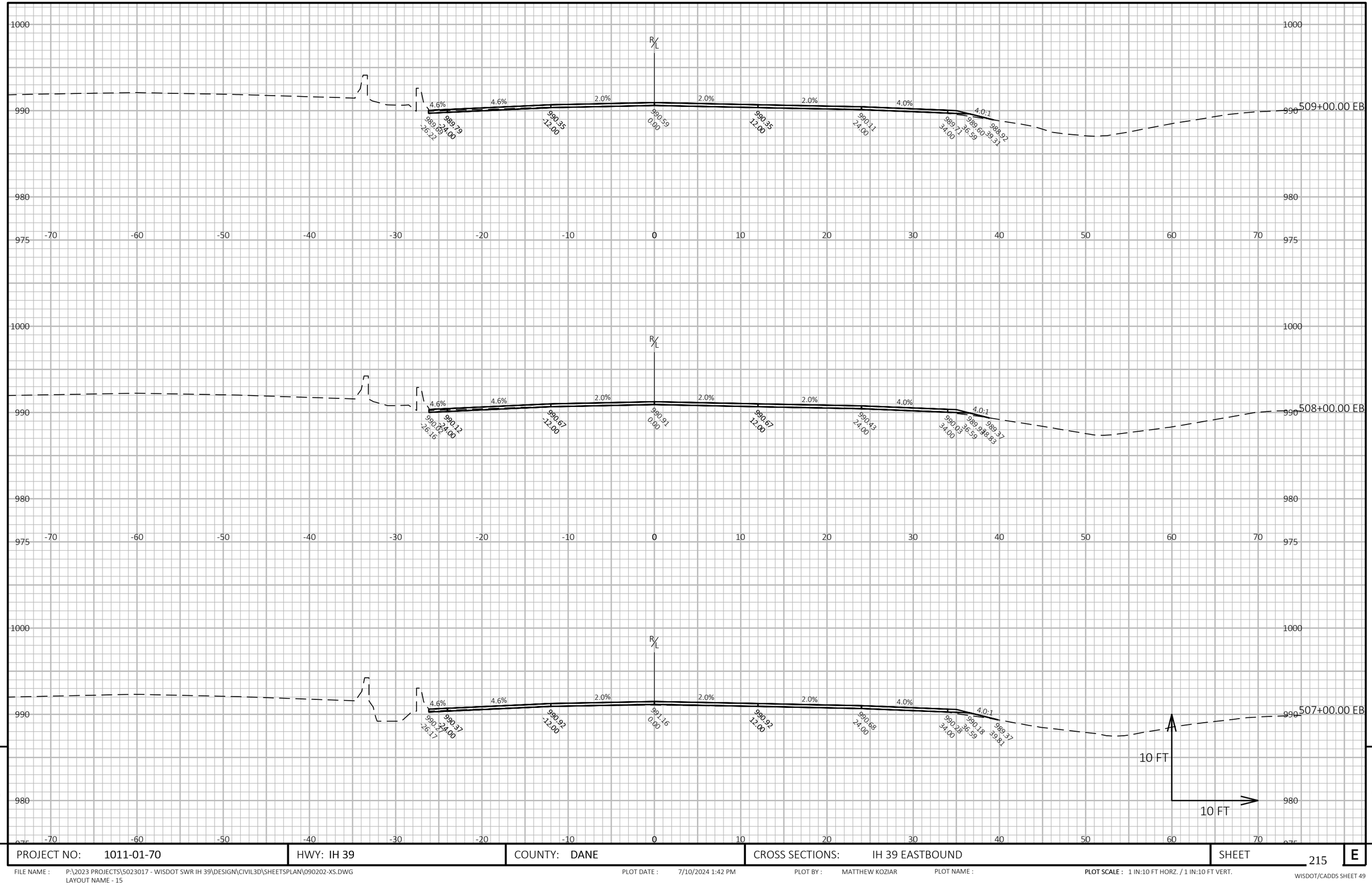
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 214	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/10/2024 1:40 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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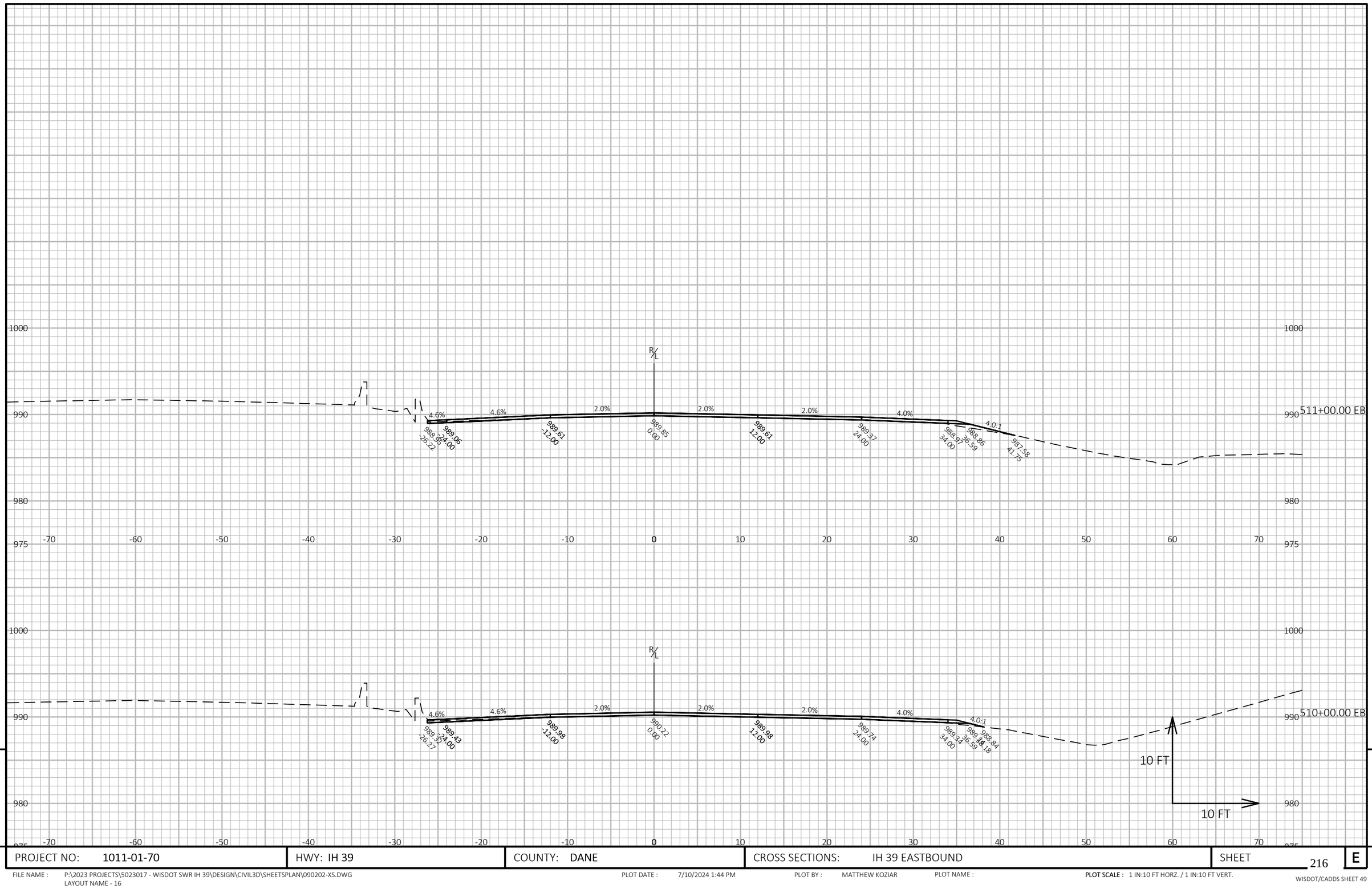
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 215	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/10/2024 1:42 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

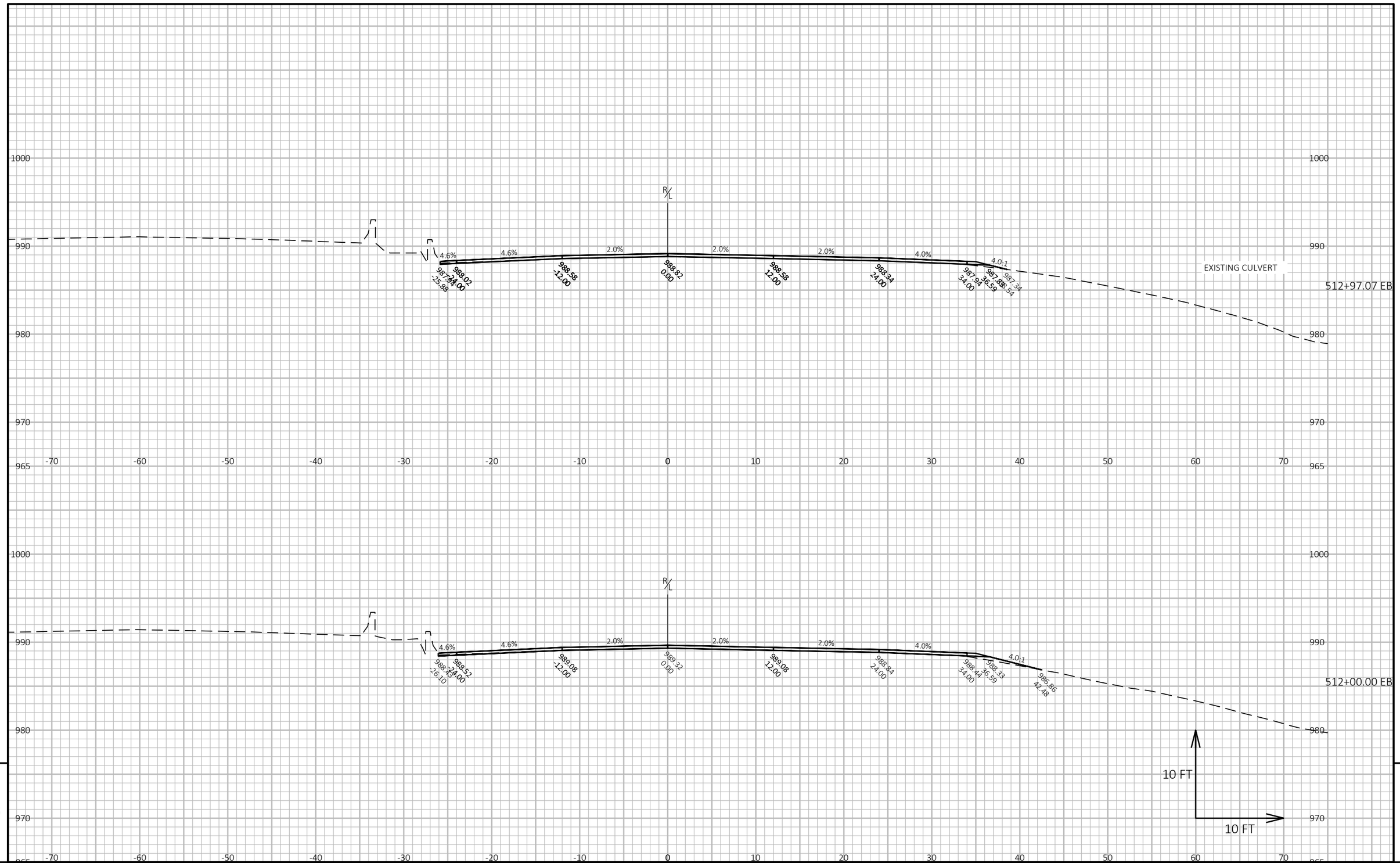


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 216	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 7/10/2024 1:44 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



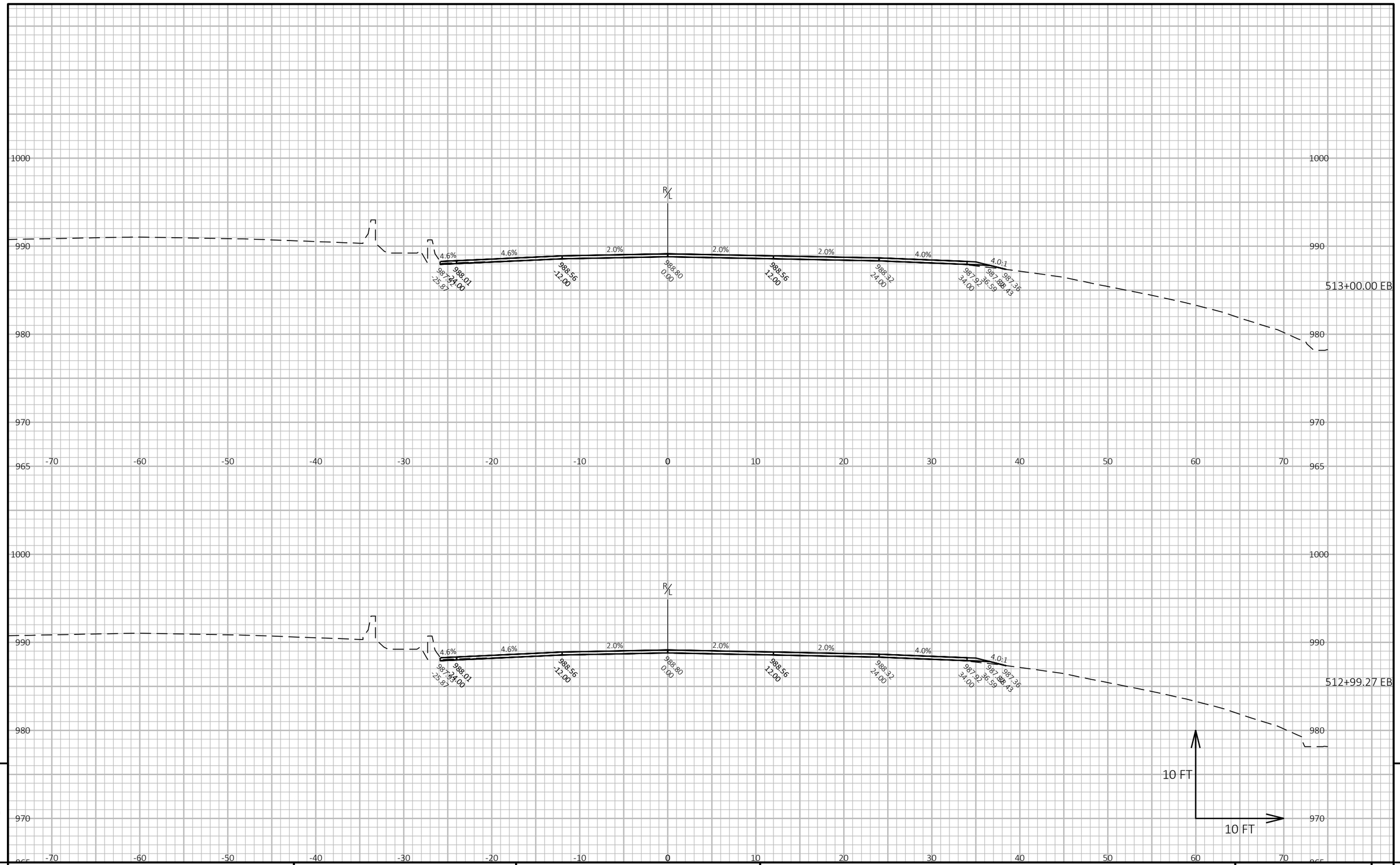
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 217	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/10/2024 1:46 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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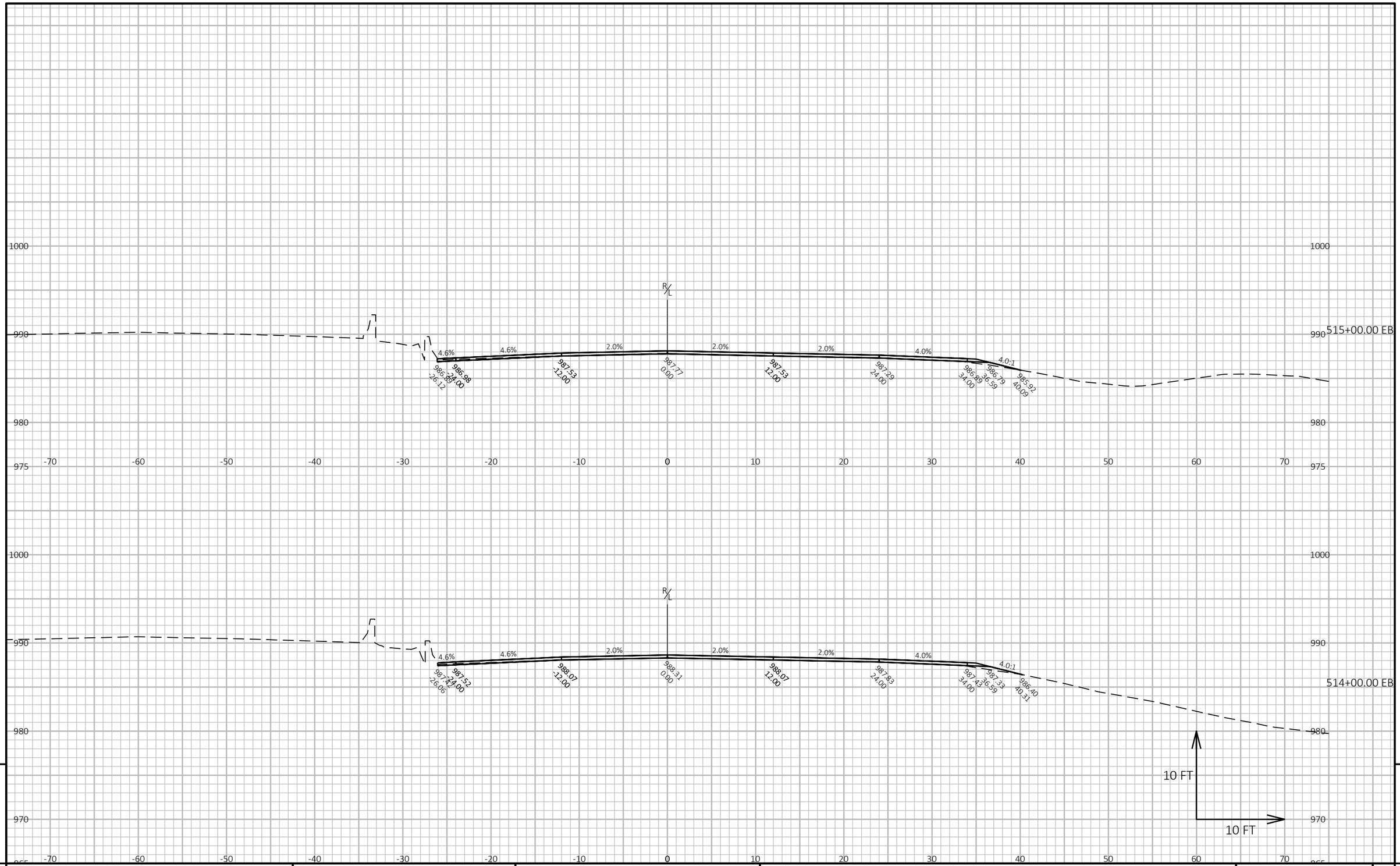
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 218	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 7/10/2024 1:47 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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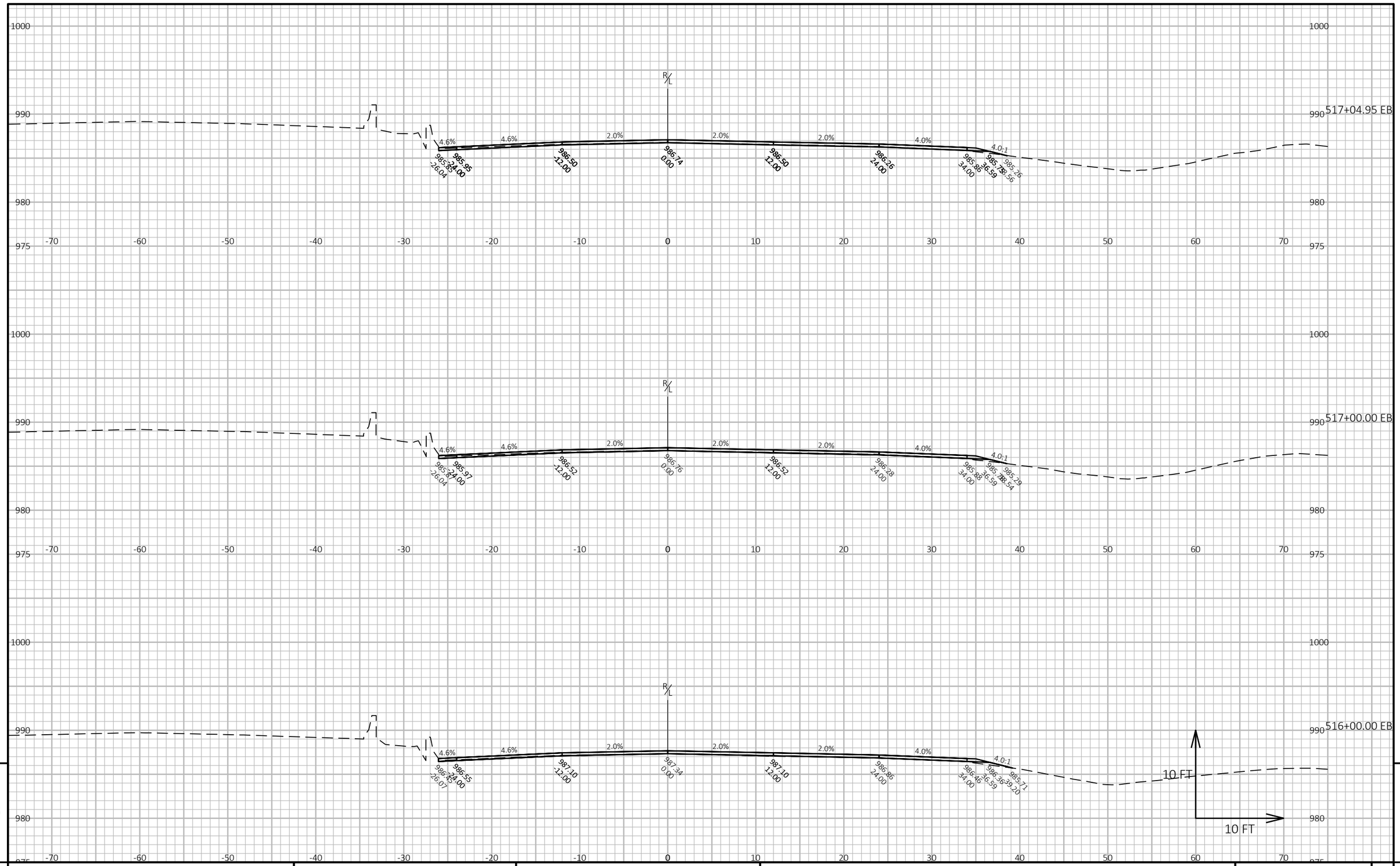
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 219	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 7/10/2024 1:49 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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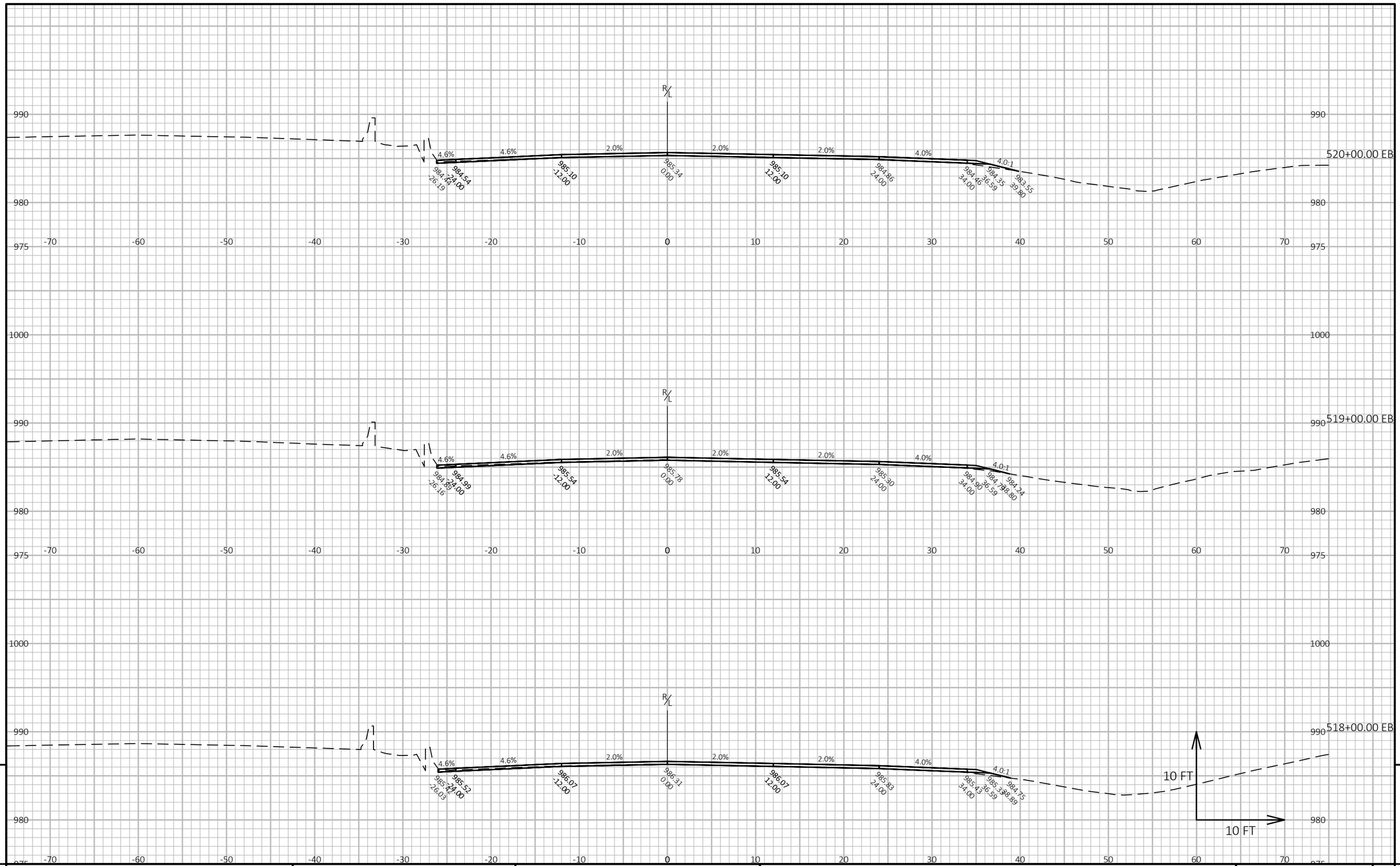
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 220	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 20

PLOT DATE : 7/10/2024 1:51 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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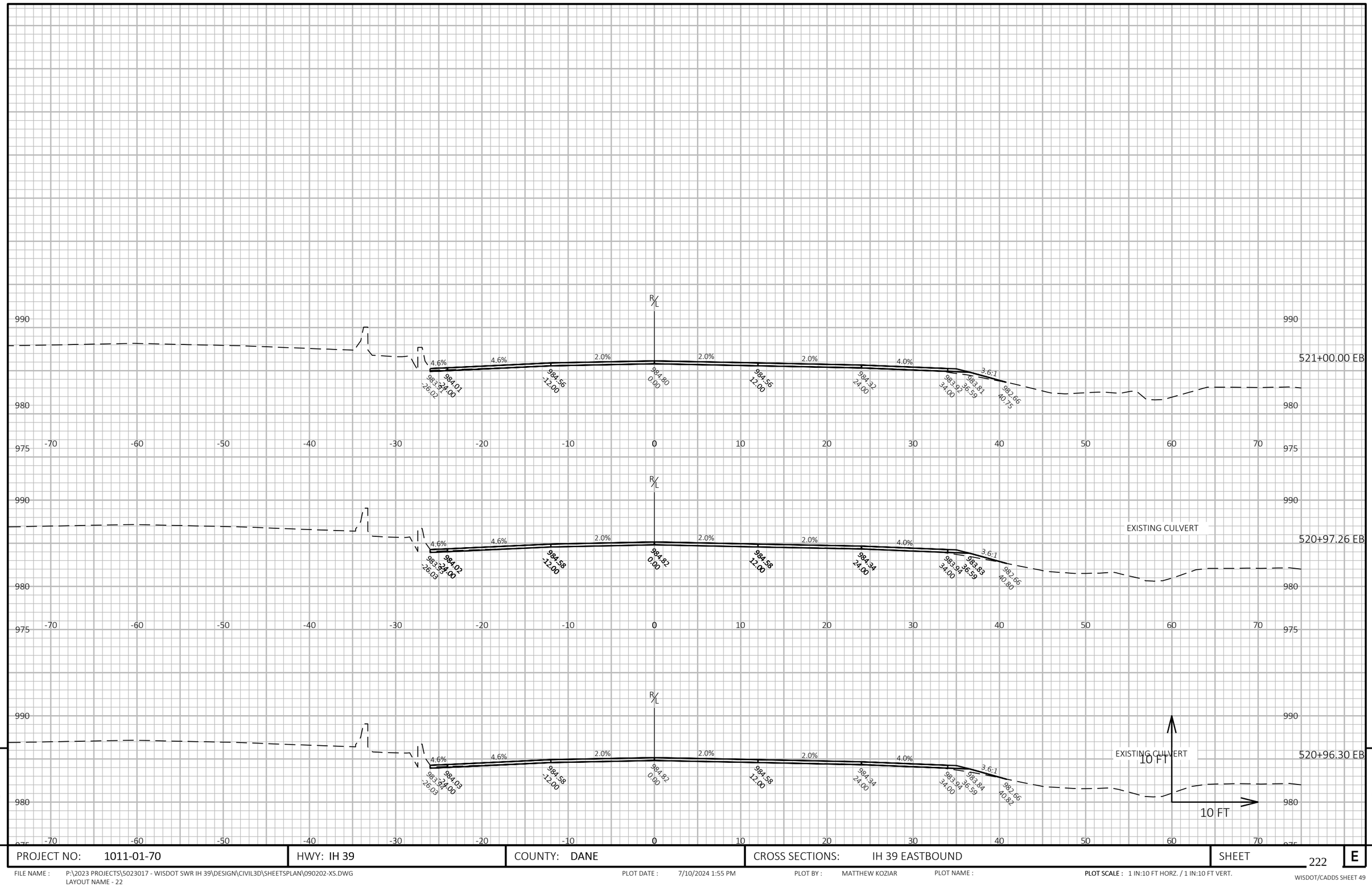
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 221	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 7/10/2024 1:53 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



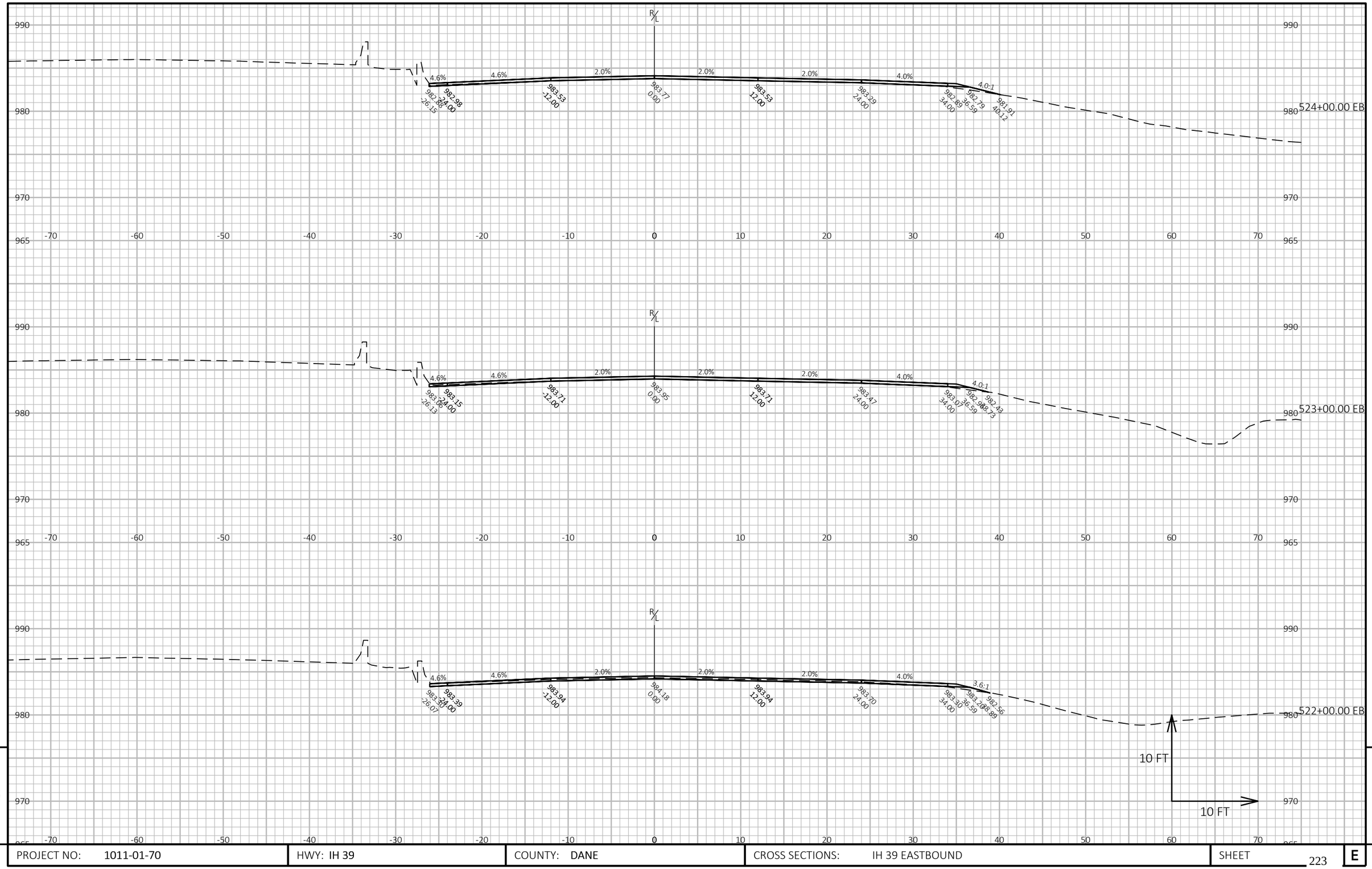
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 222	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 7/10/2024 1:55 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

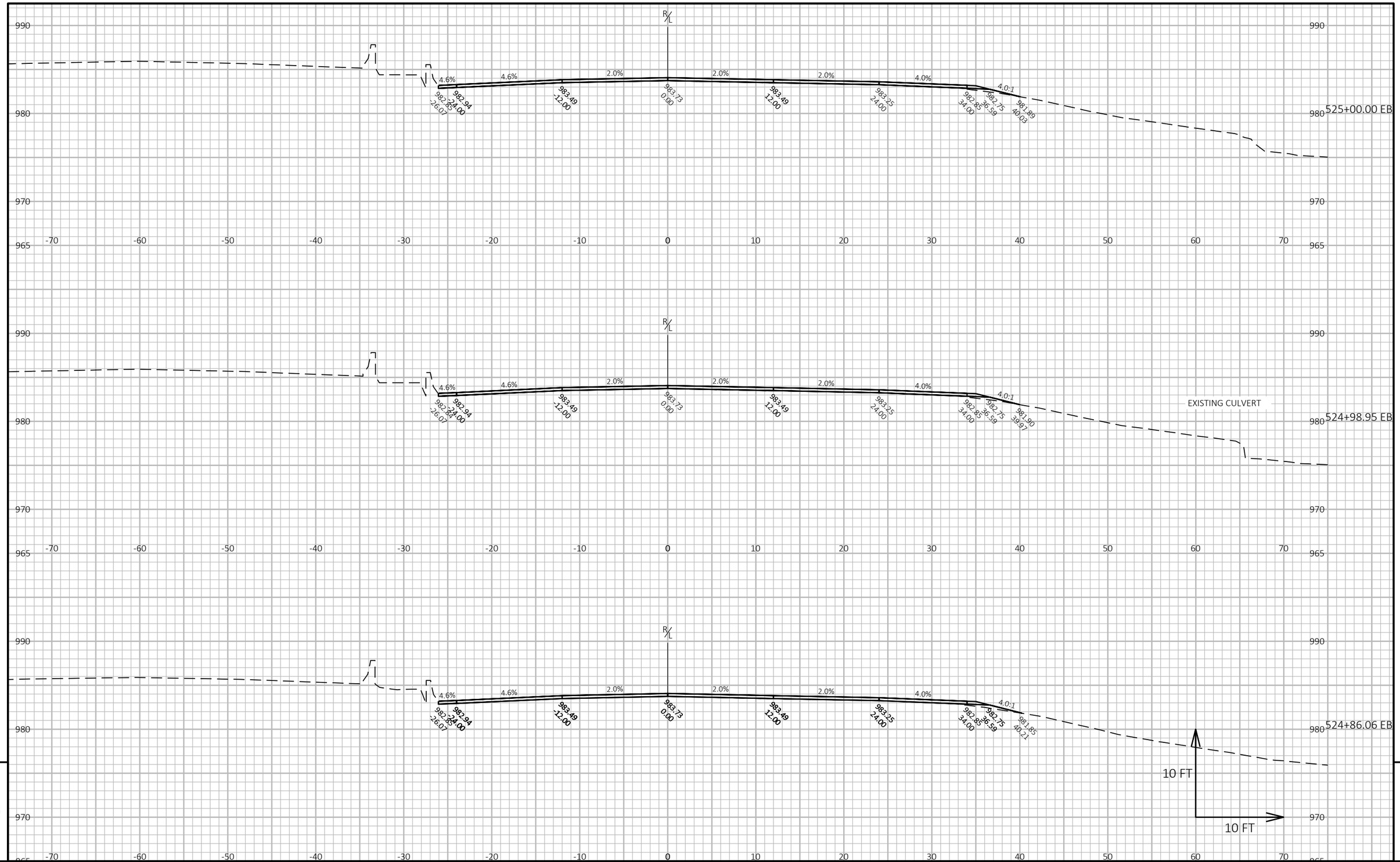


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 223 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 23

PLOT DATE : 7/10/2024 1:56 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

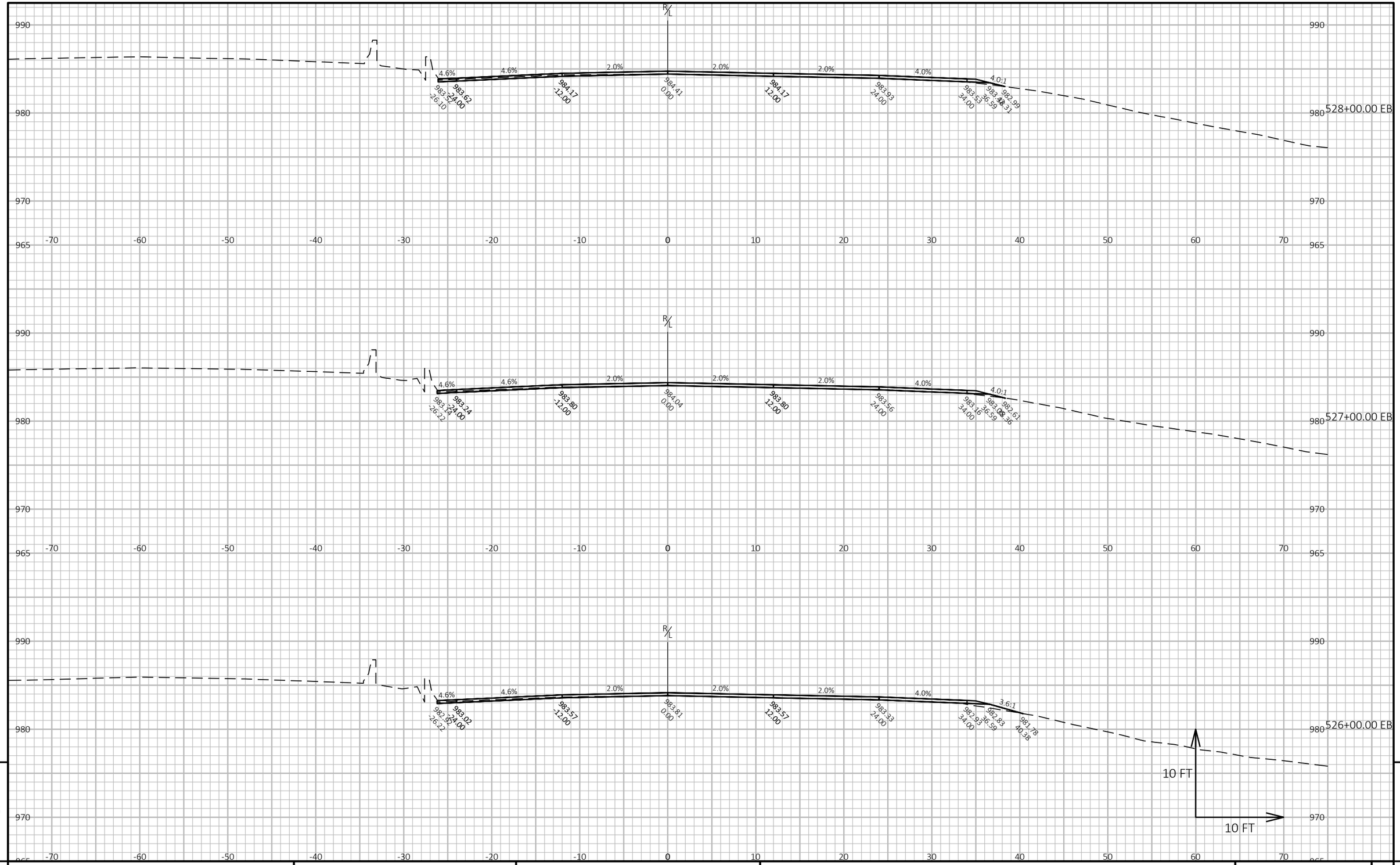


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 224 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/10/2024 1:58 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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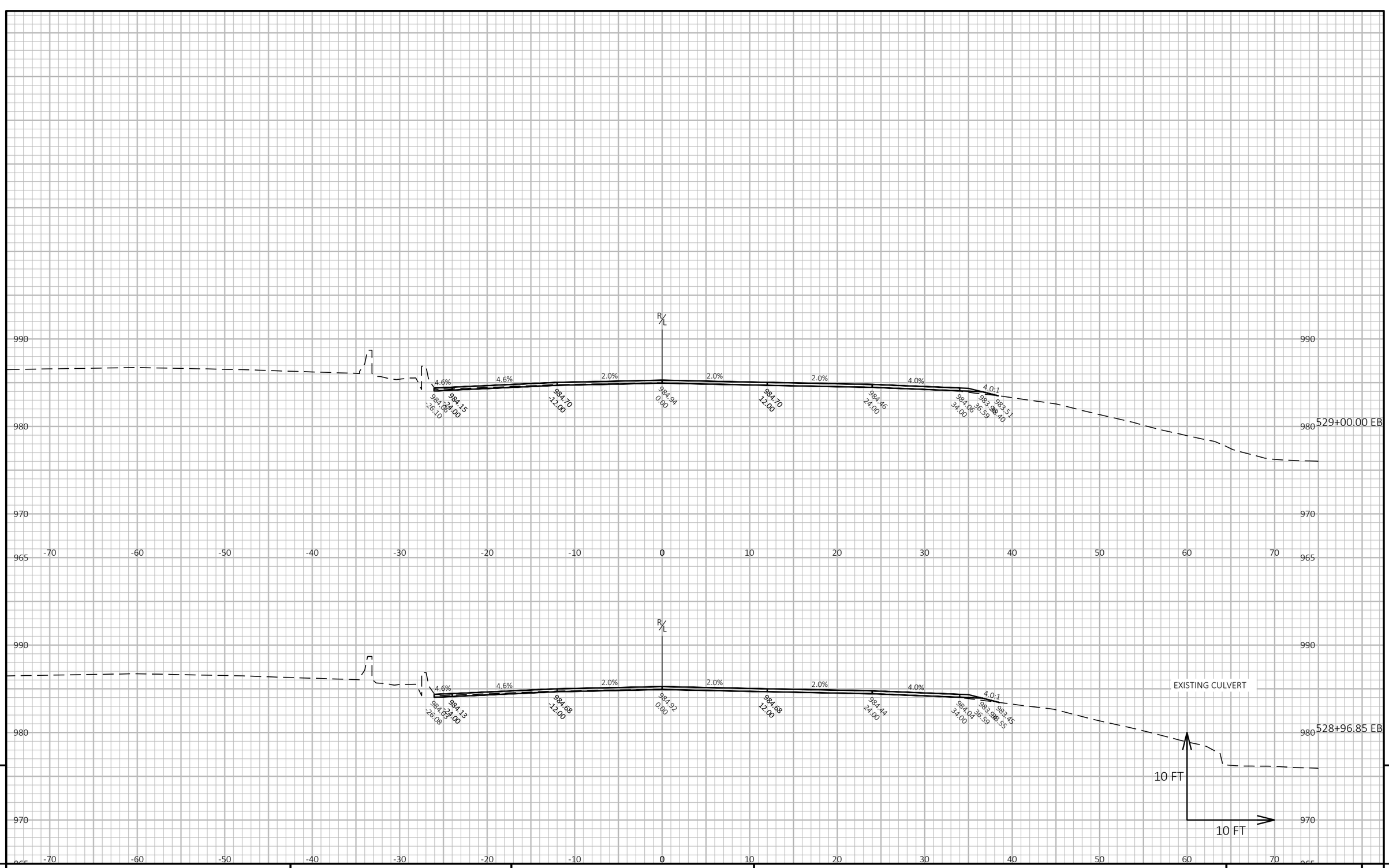
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 225	E

9

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 7/10/2024 2:00 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

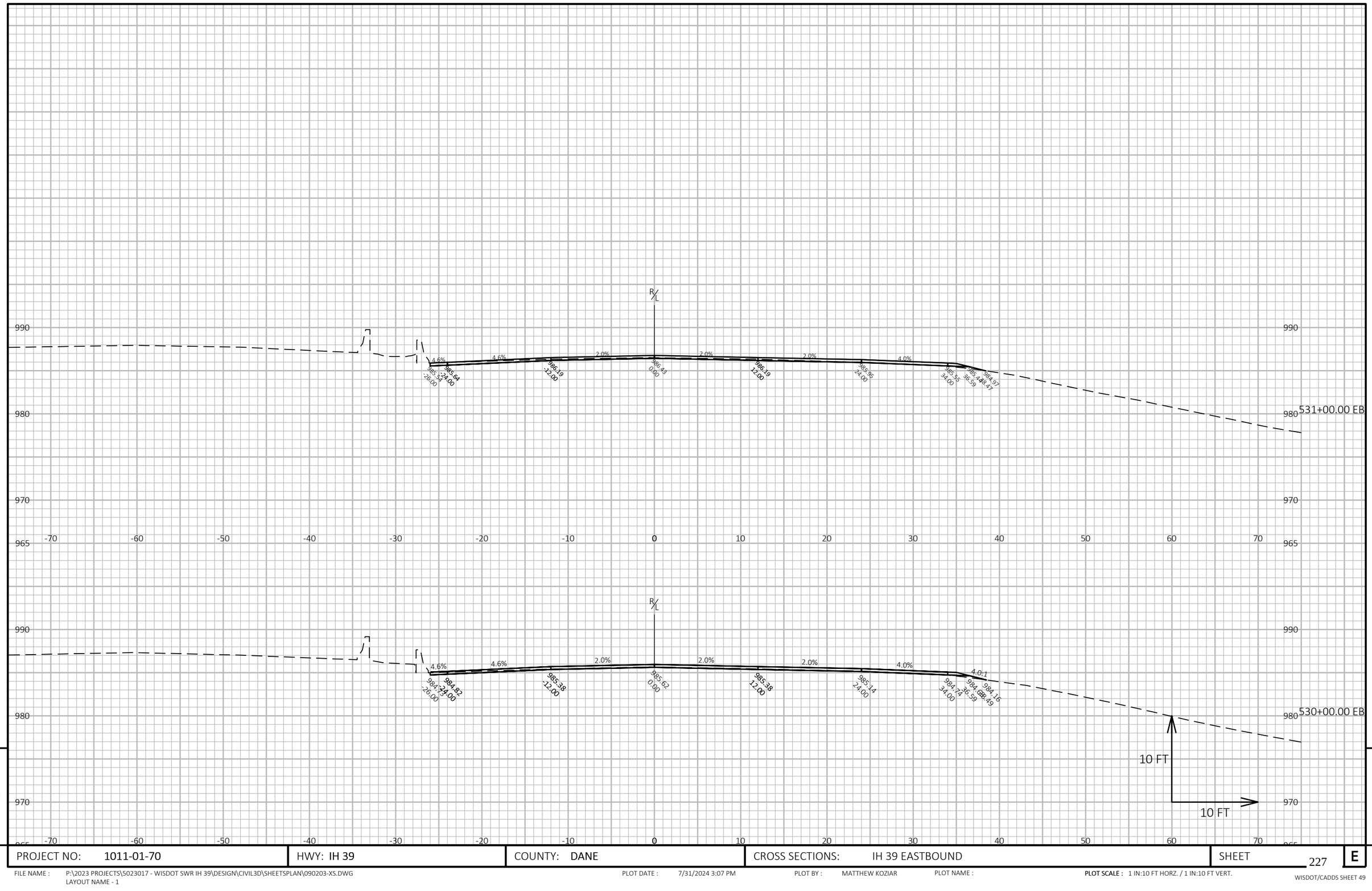


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 226	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 7/31/2024 2:56 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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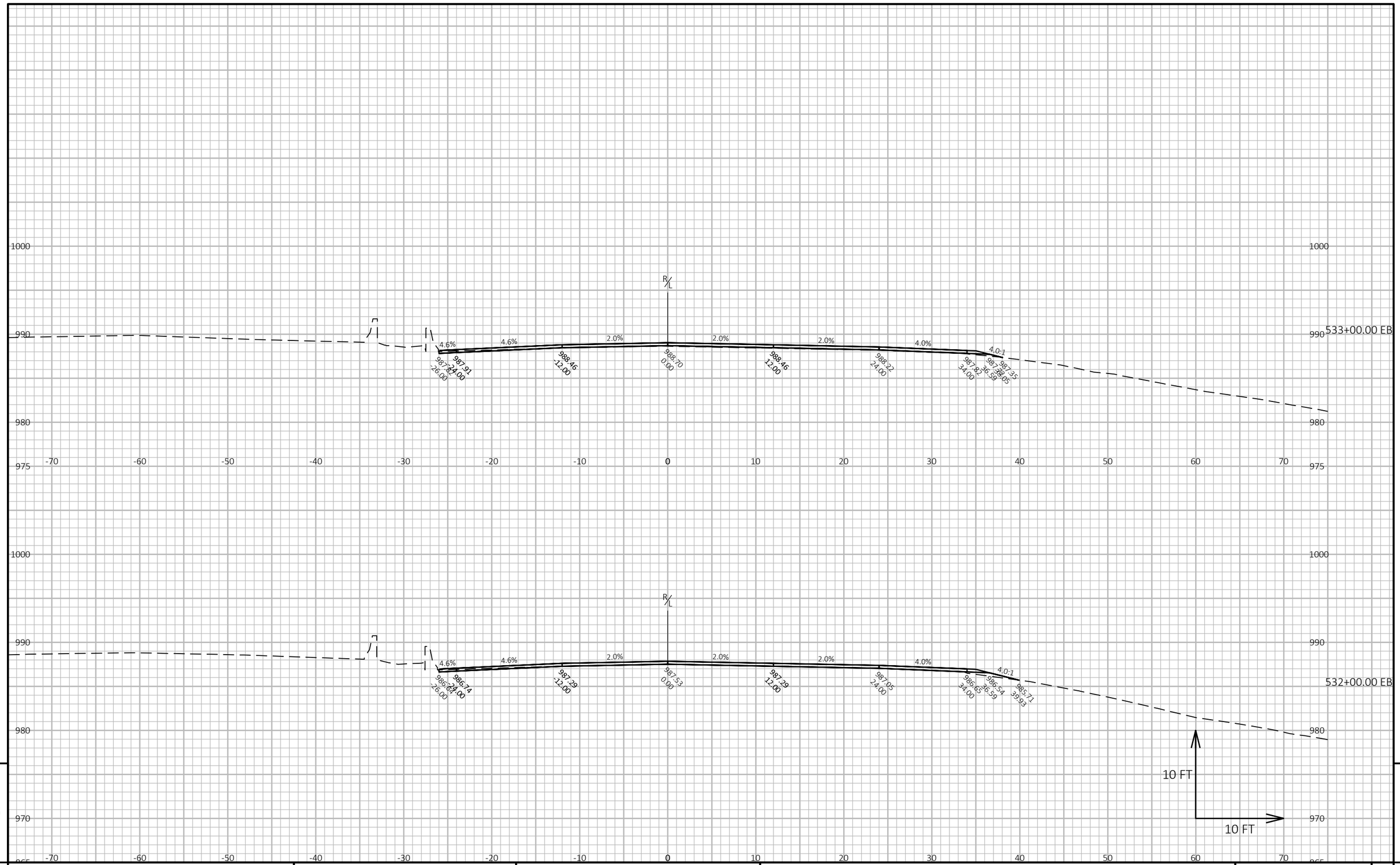
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 227	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 1

PLOT DATE : 7/31/2024 3:07 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

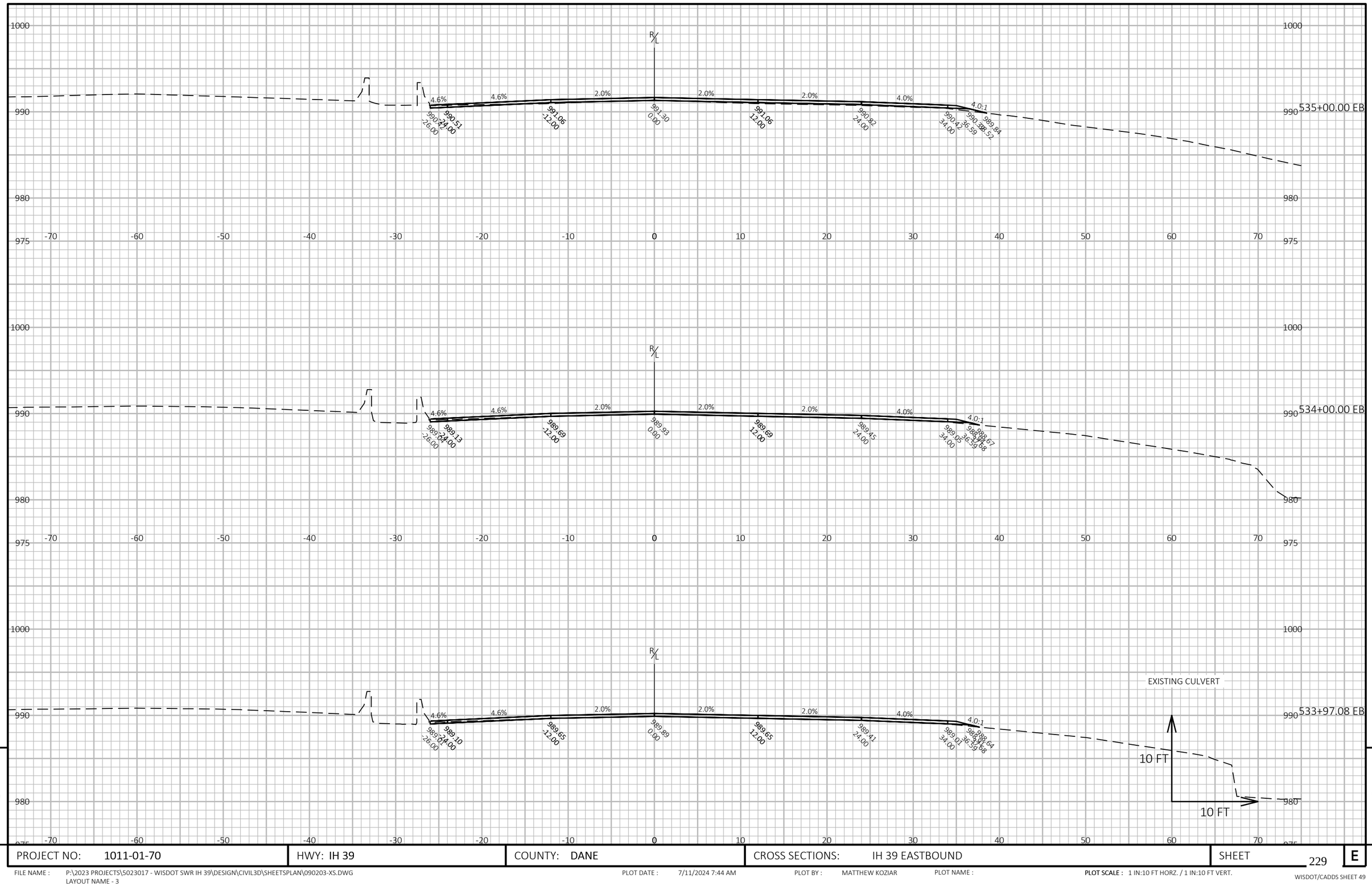
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 228	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 2

PLOT DATE : 7/11/2024 7:44 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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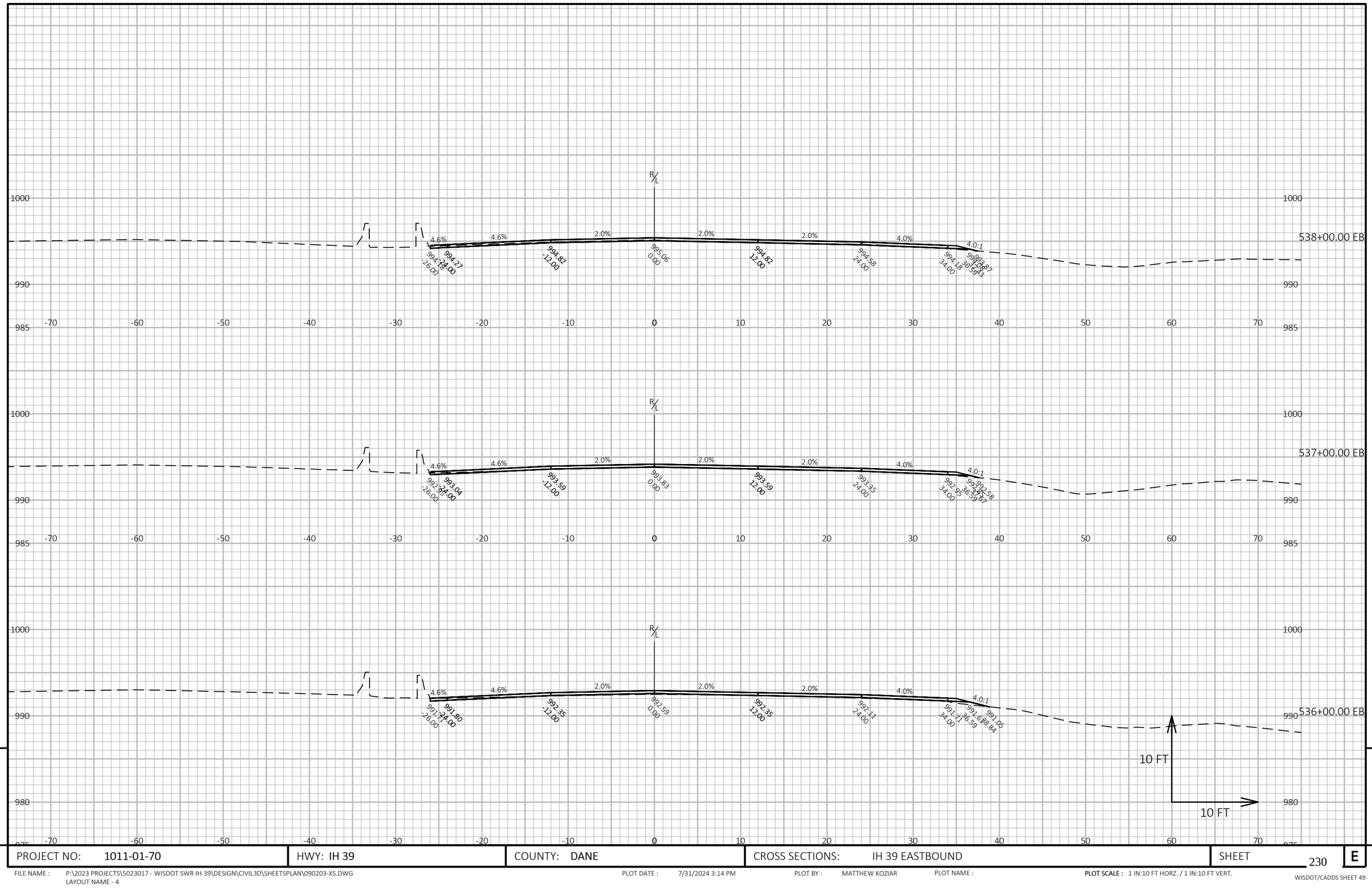
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 229	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 3

PLOT DATE : 7/11/2024 7:44 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

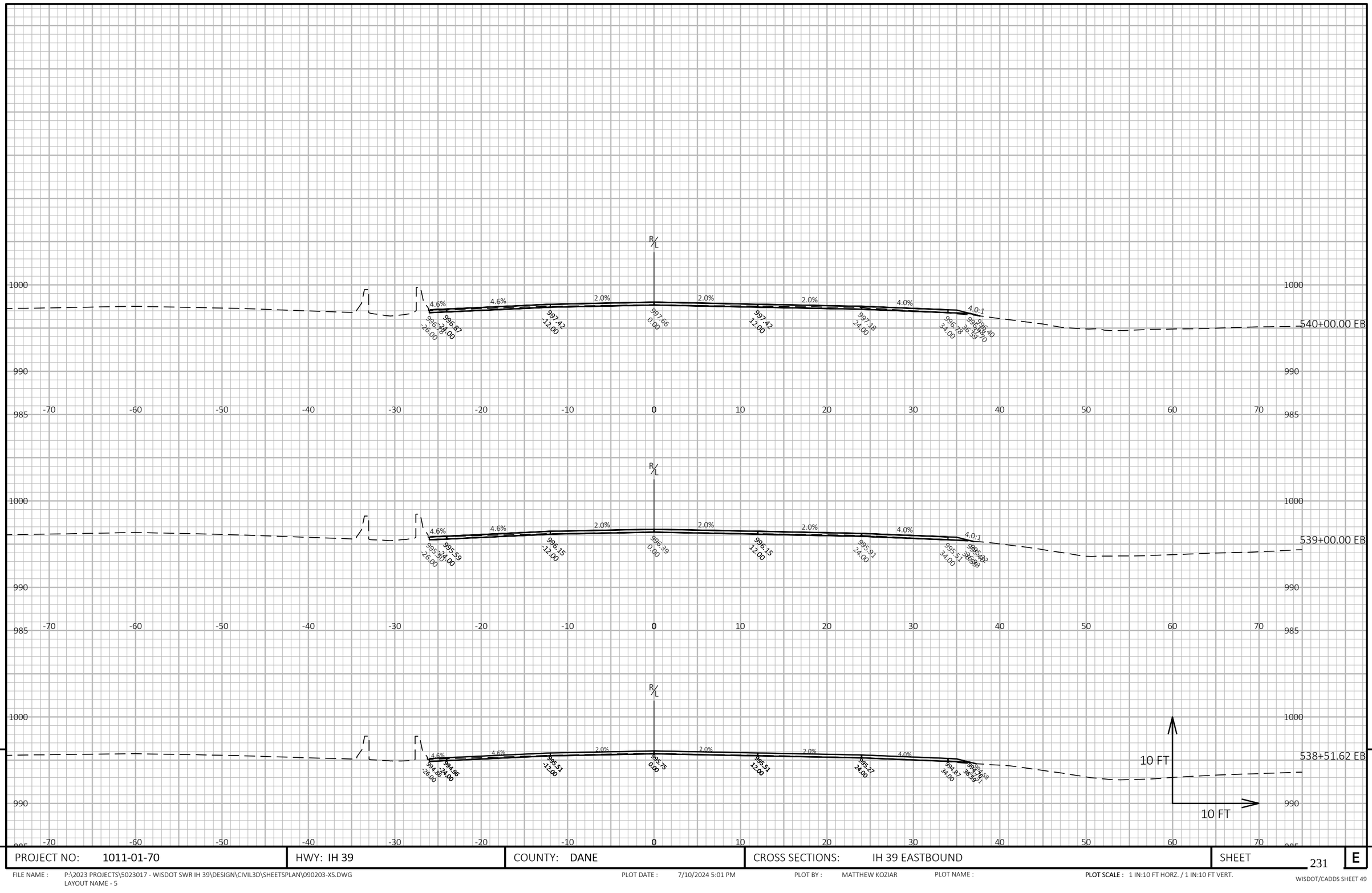
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 230	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 4

PLOT DATE : 7/31/2024 3:14 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



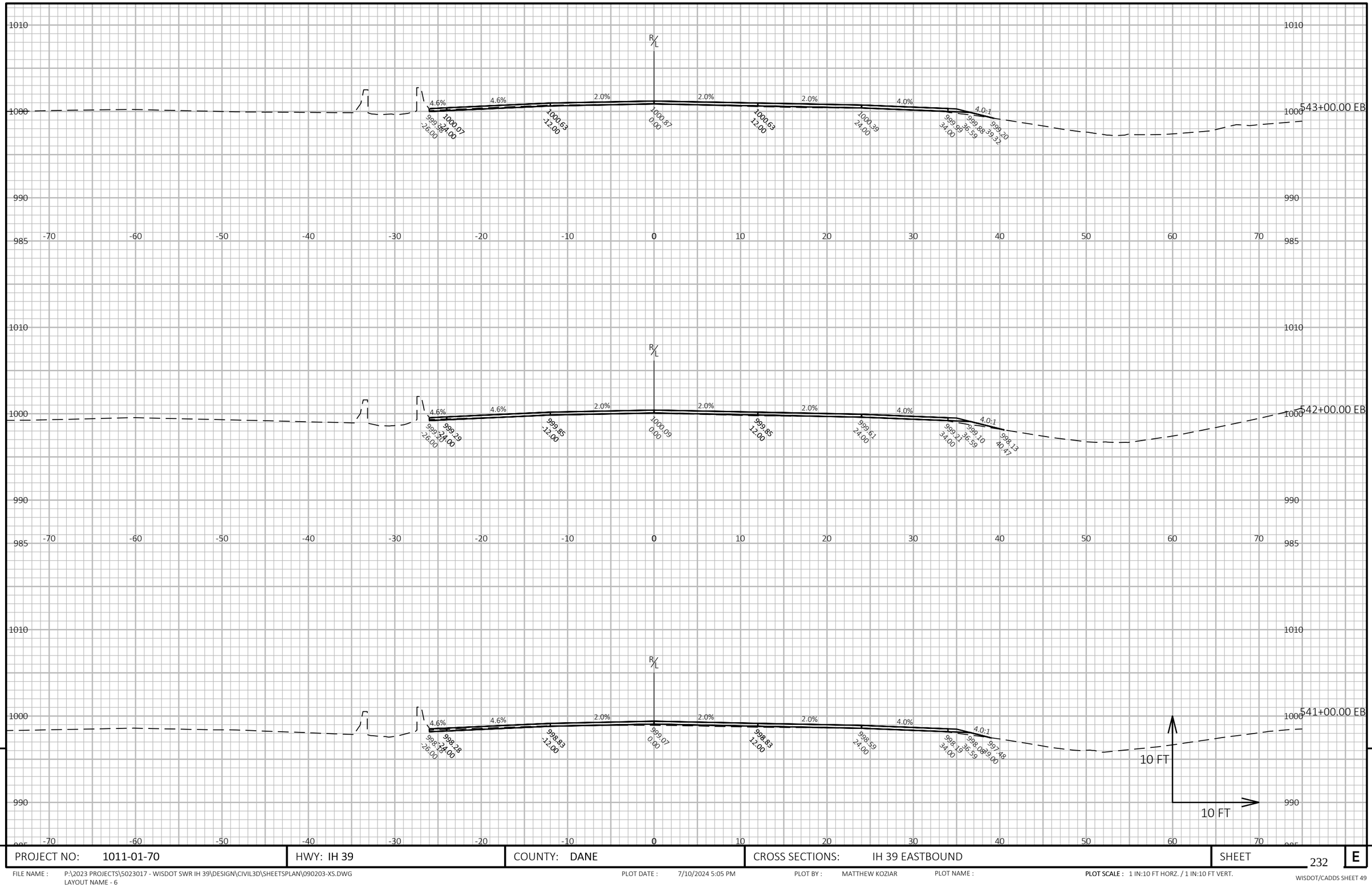
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 231	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 5

PLOT DATE : 7/10/2024 5:01 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

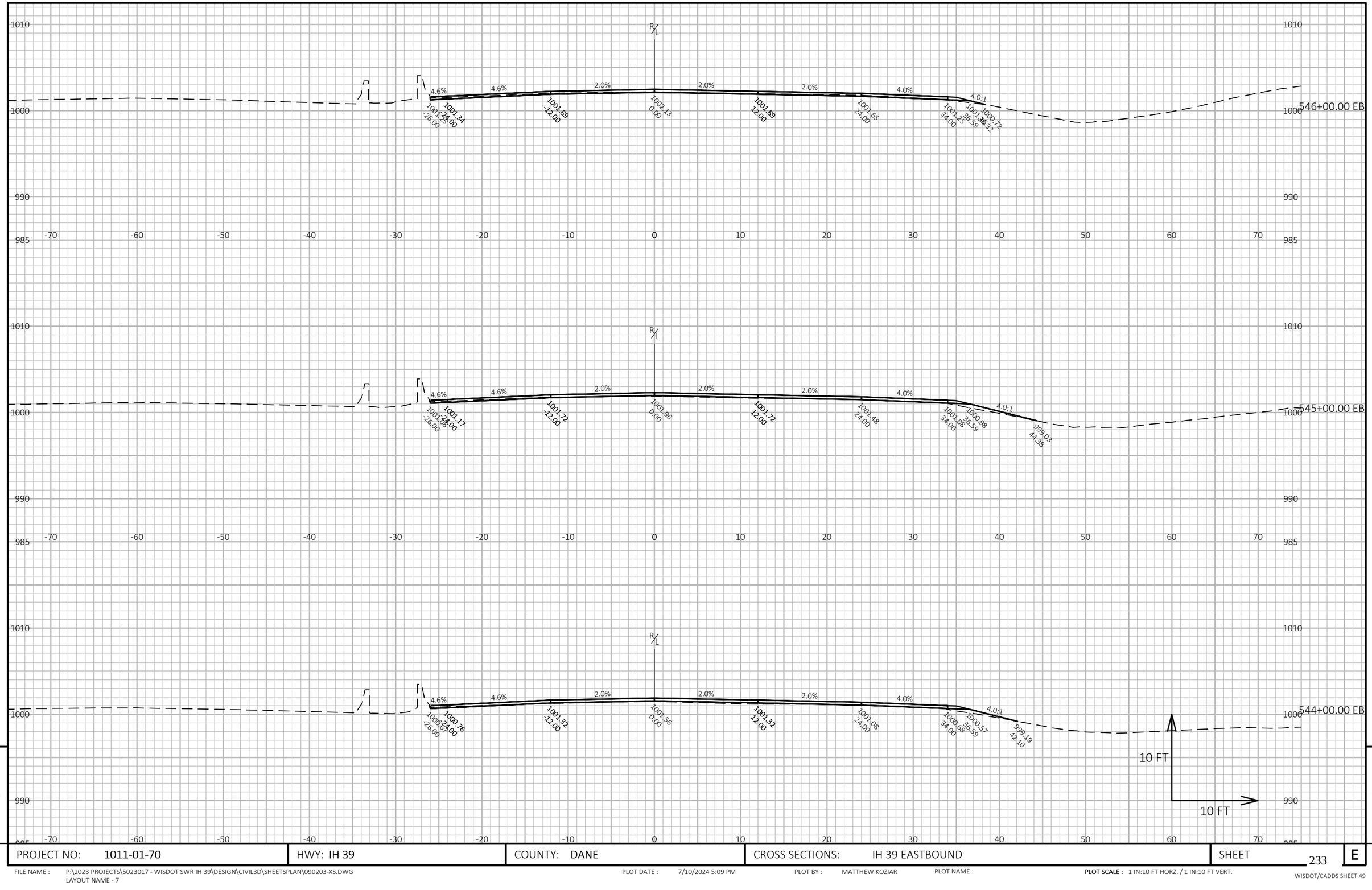
WISDOT/CADDS SHEET 49



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 232	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 6

PLOT DATE : 7/10/2024 5:05 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

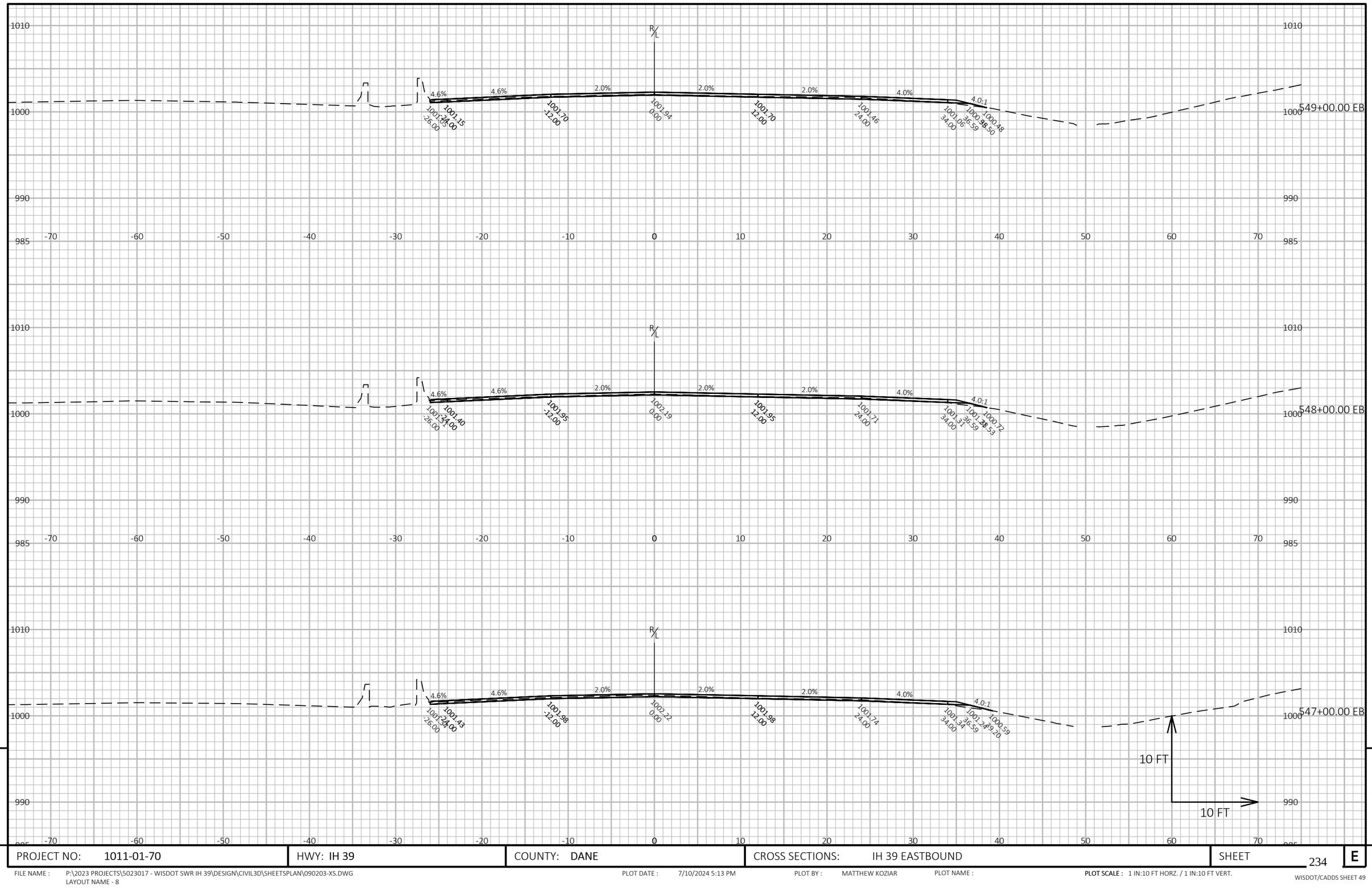


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 233 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 7

PLOT DATE : 7/10/2024 5:09 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



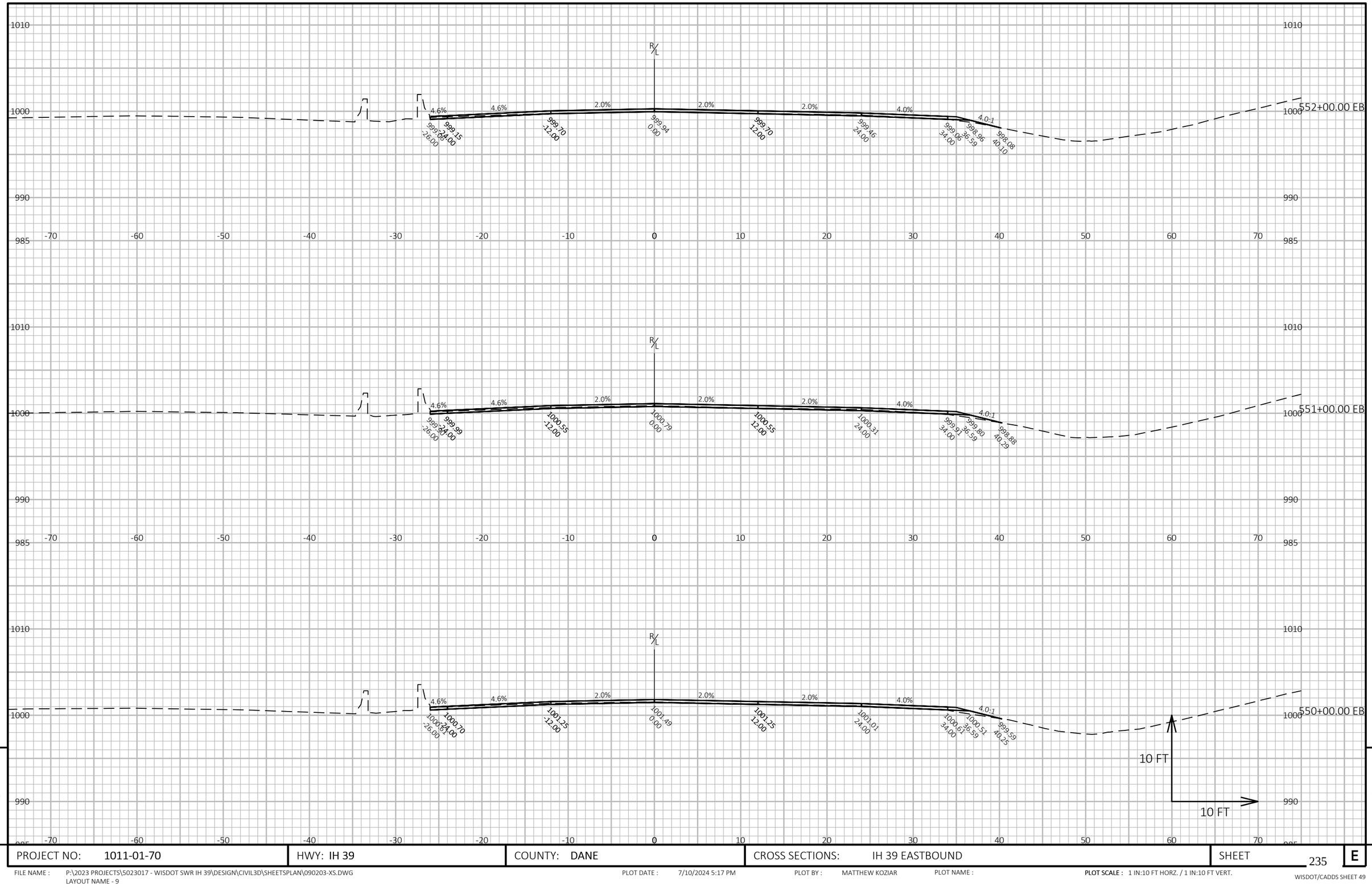
9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 234	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 8

PLOT DATE : 7/10/2024 5:13 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

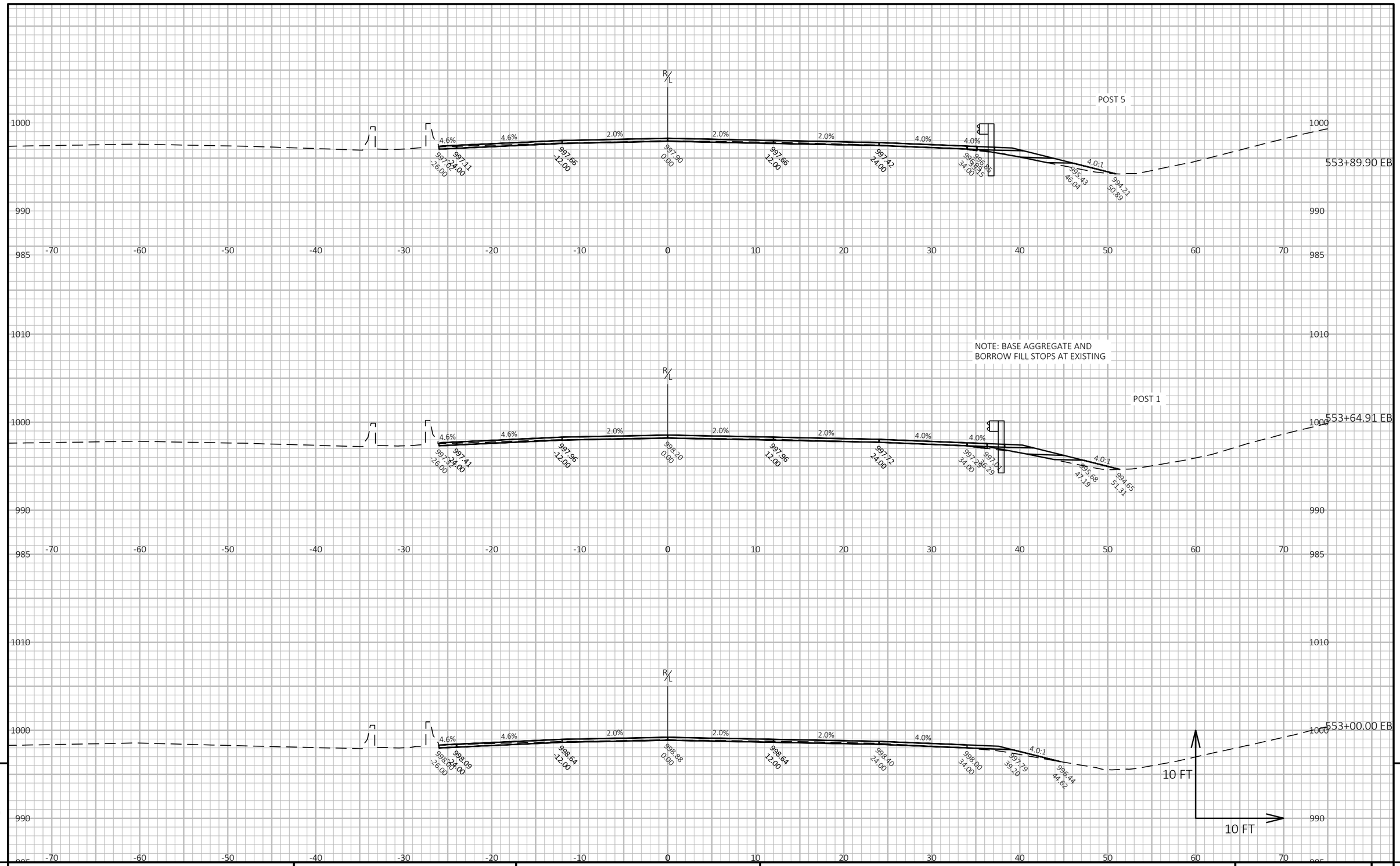
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 235	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 9

PLOT DATE : 7/10/2024 5:17 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

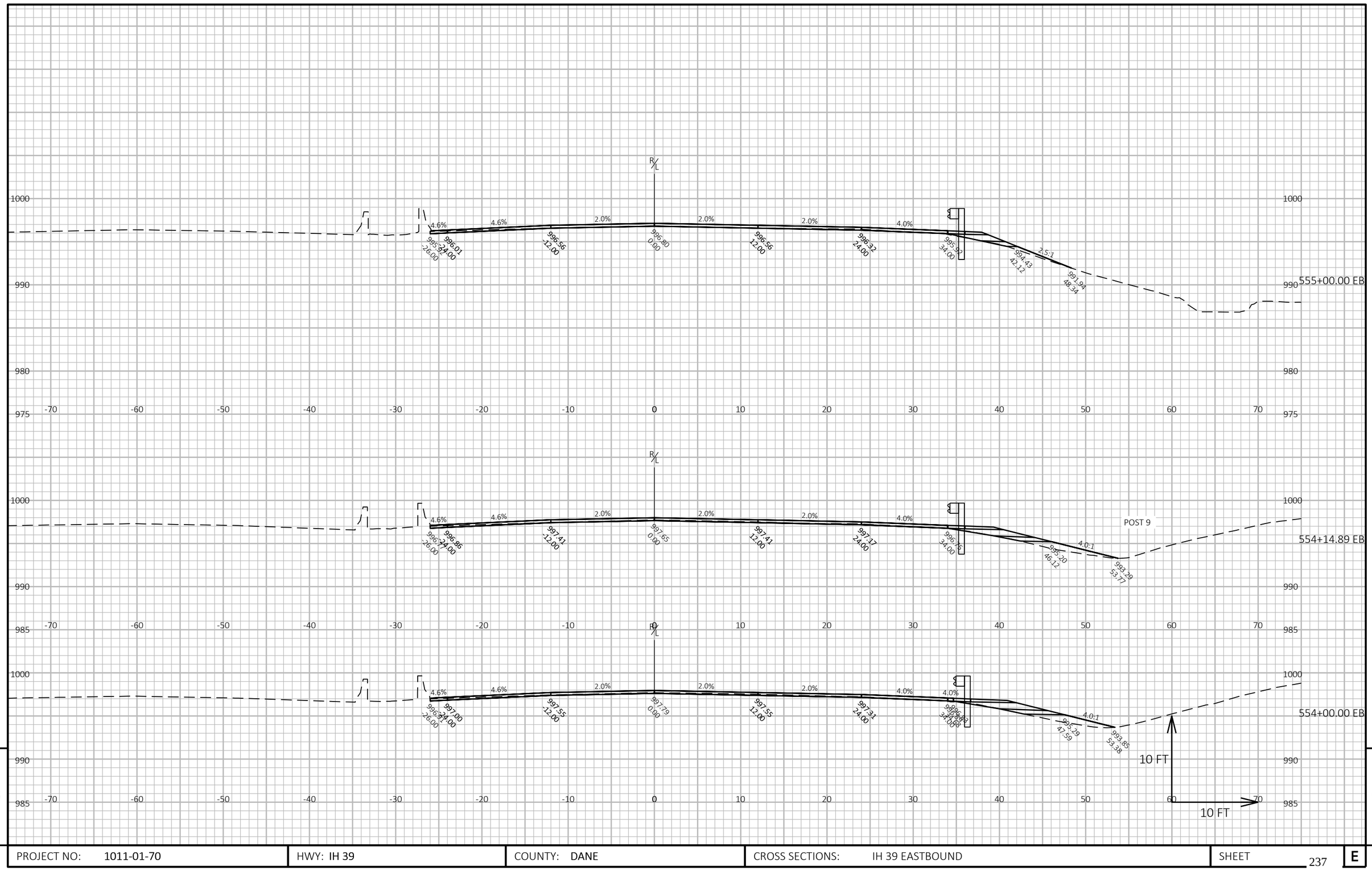


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 236	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/10/2024 5:21 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

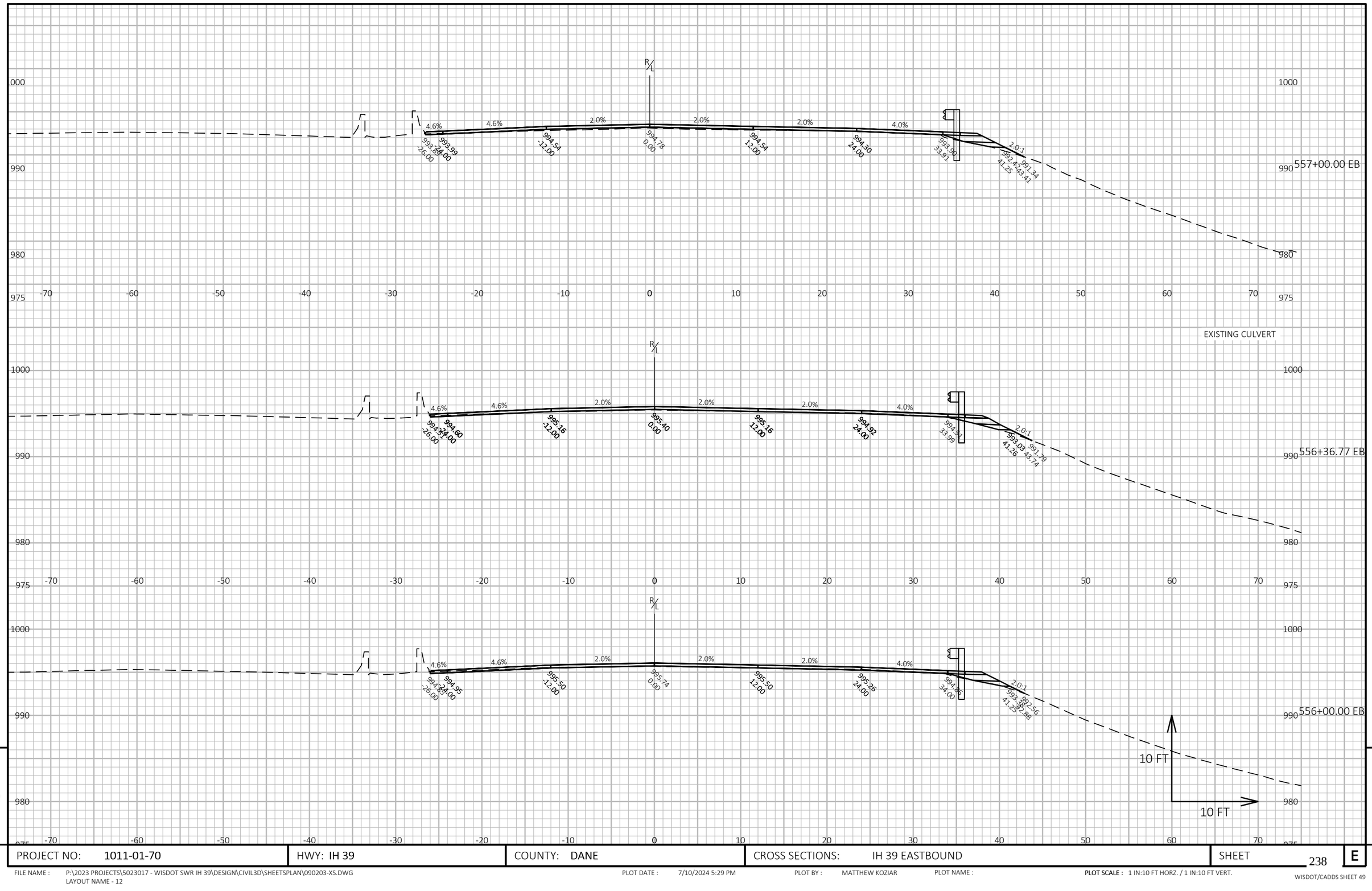
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 237	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/10/2024 5:25 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

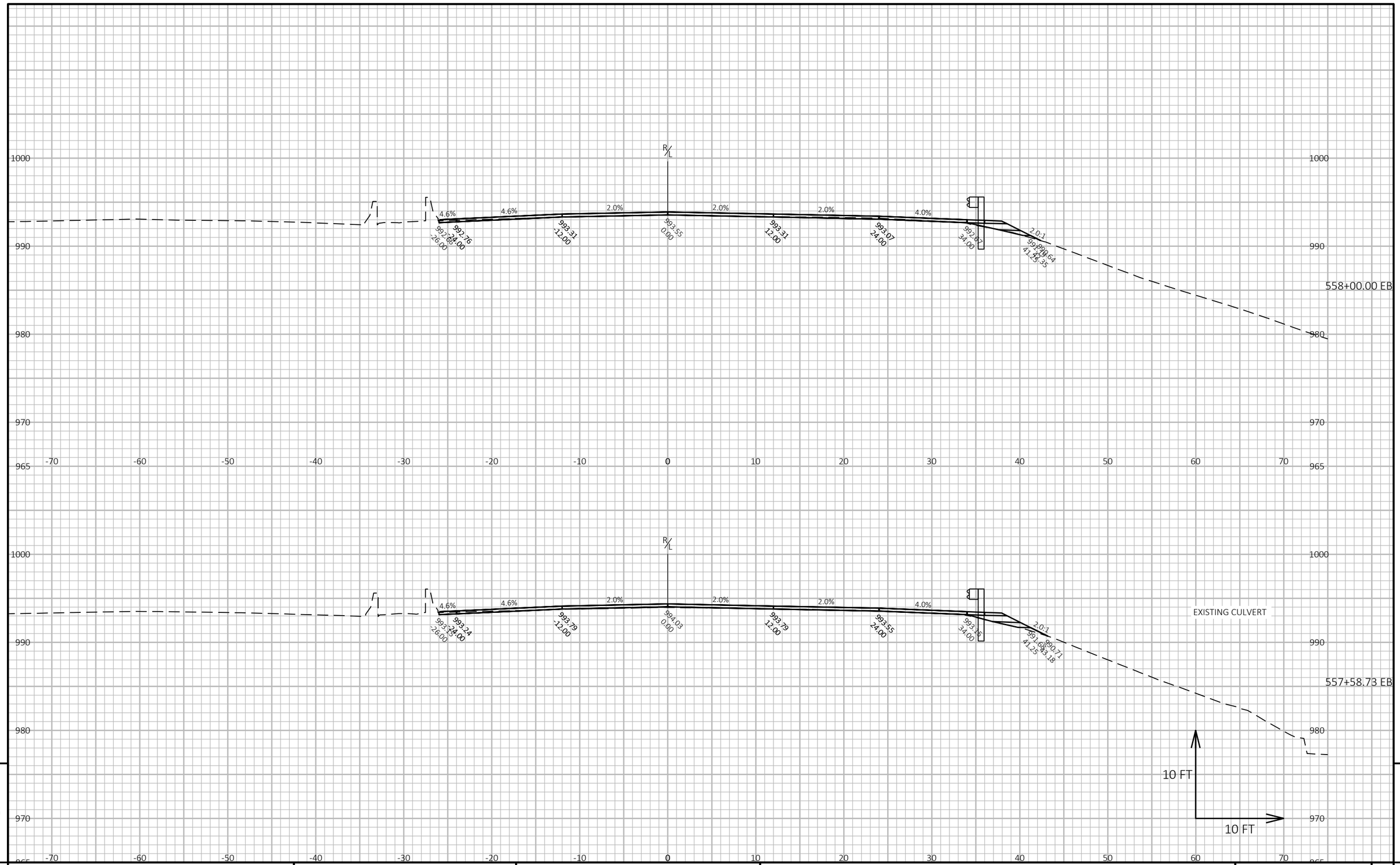
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 238	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 7/10/2024 5:29 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

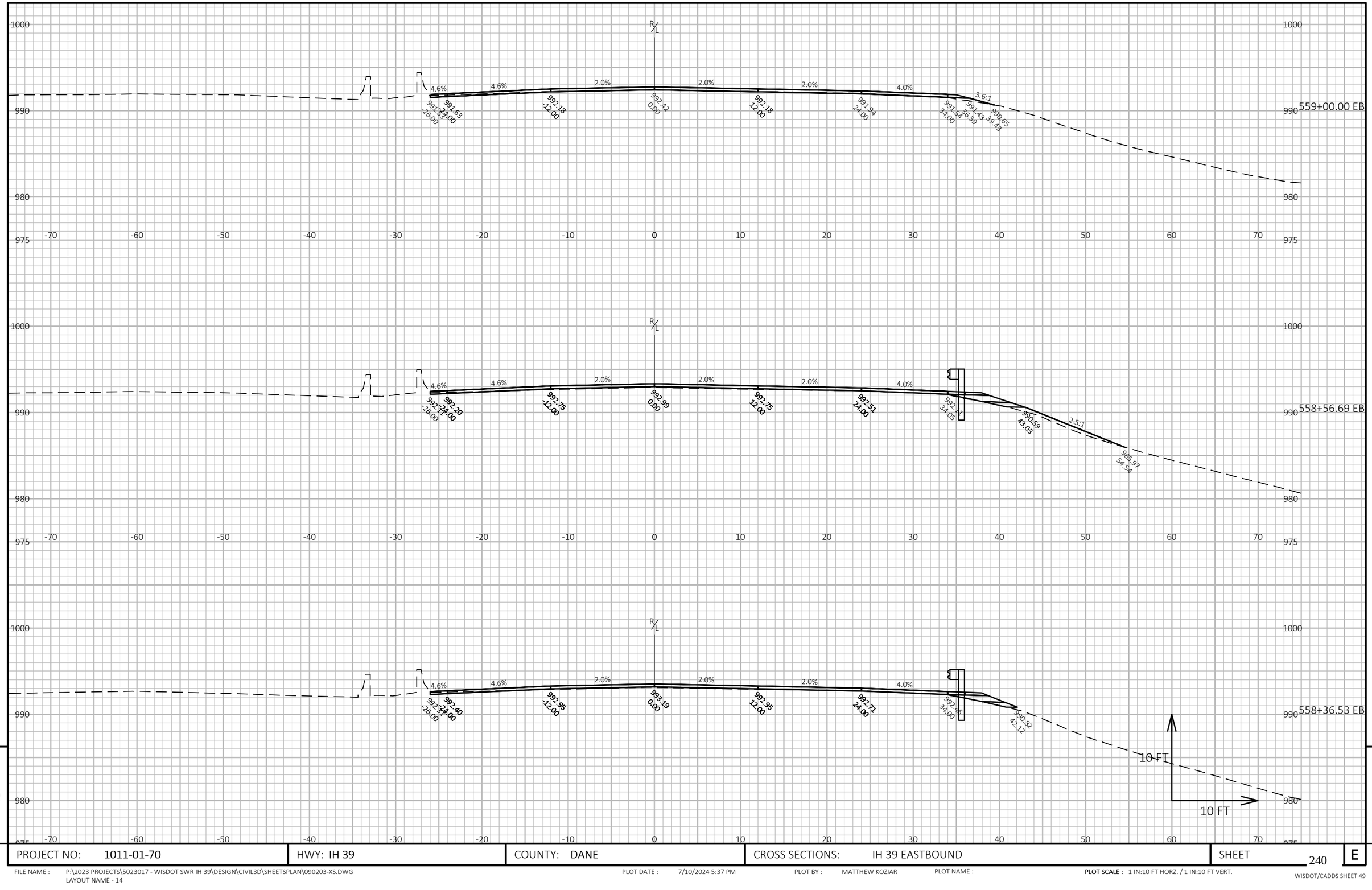
WISDOT/CADDS SHEET 49



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 239	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/10/2024 5:33 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



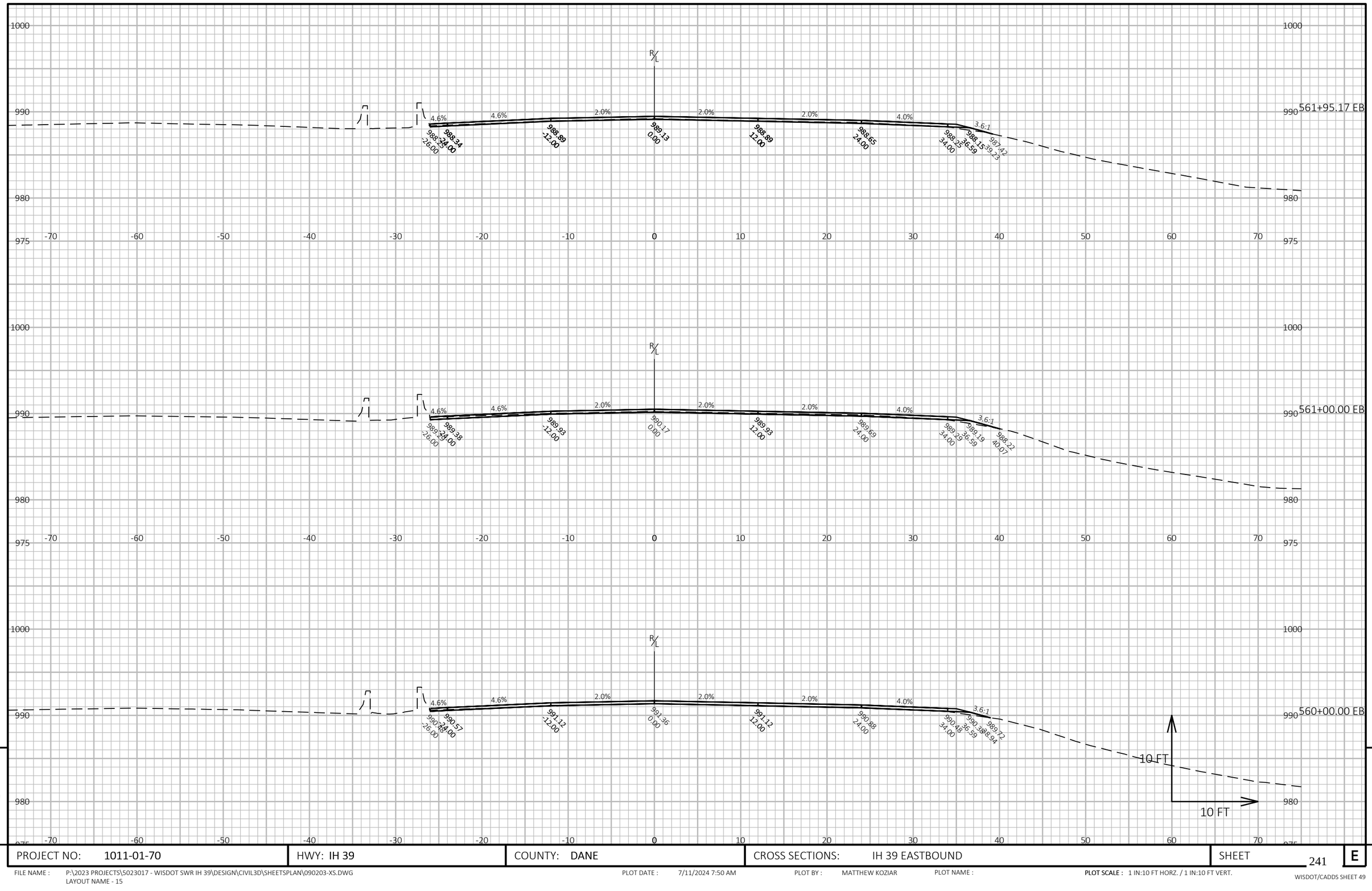
9

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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 240	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/10/2024 5:37 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

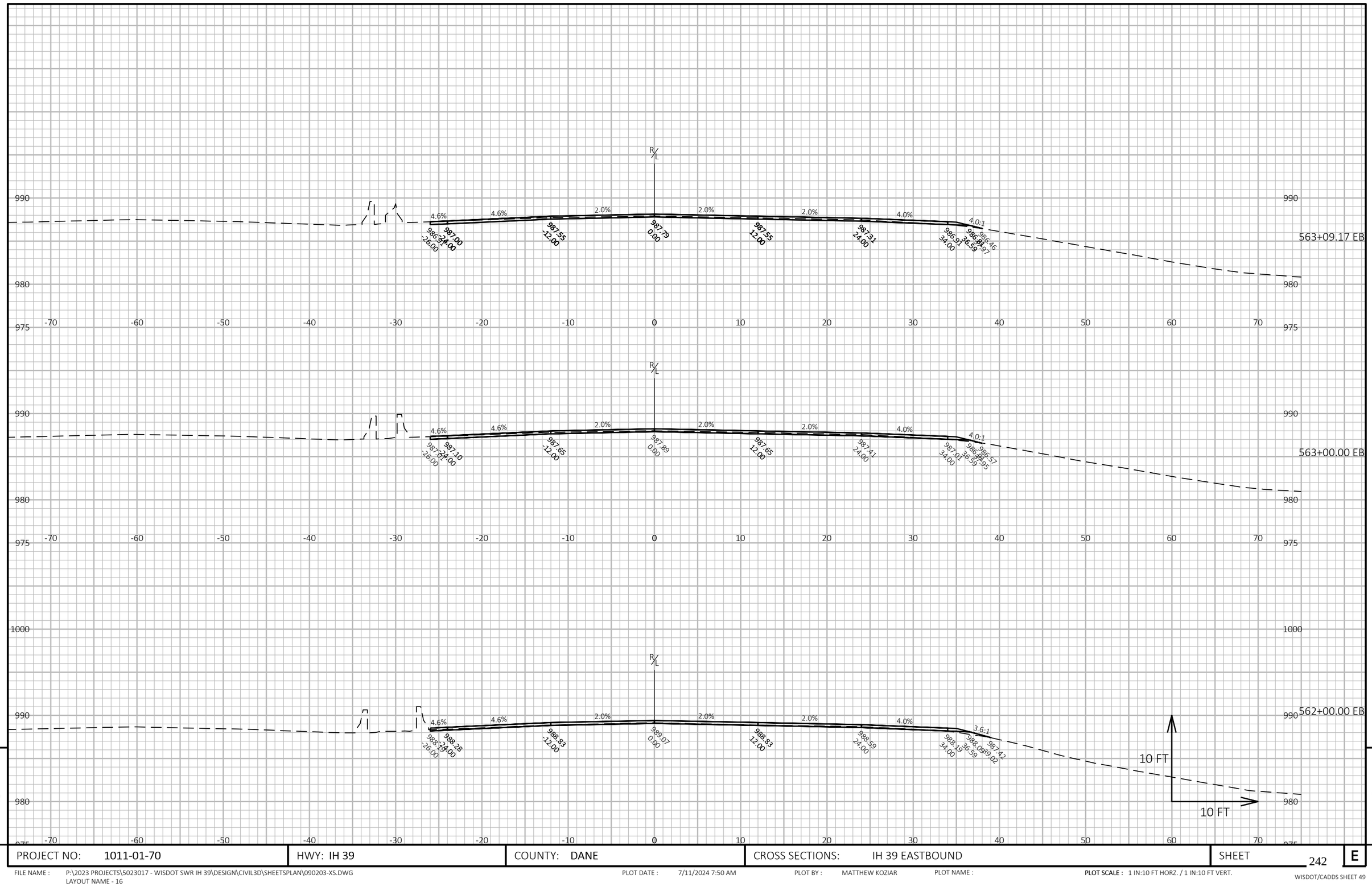
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 241	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/11/2024 7:50 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 242	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 16

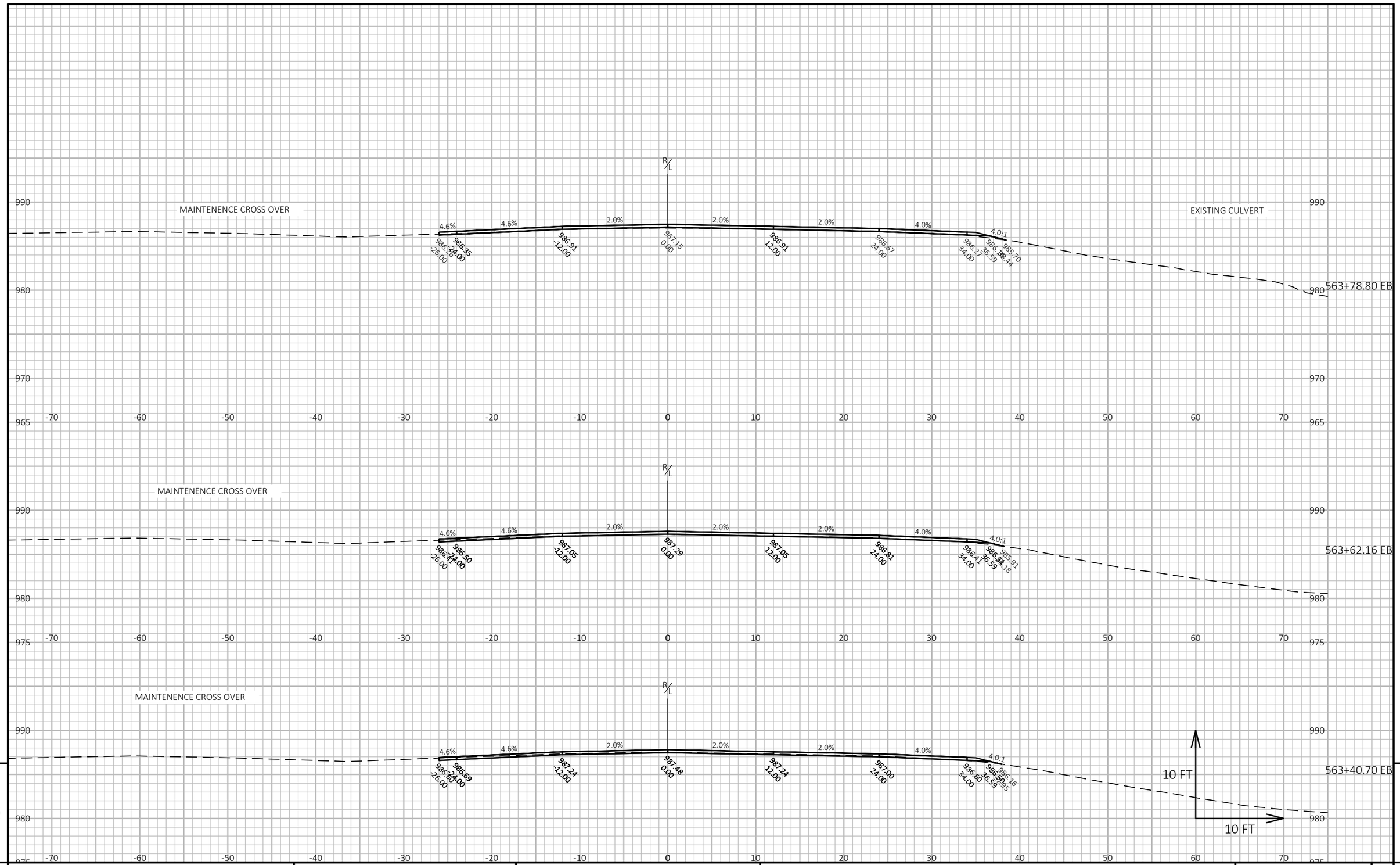
PLOT DATE : 7/11/2024 7:50 AM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

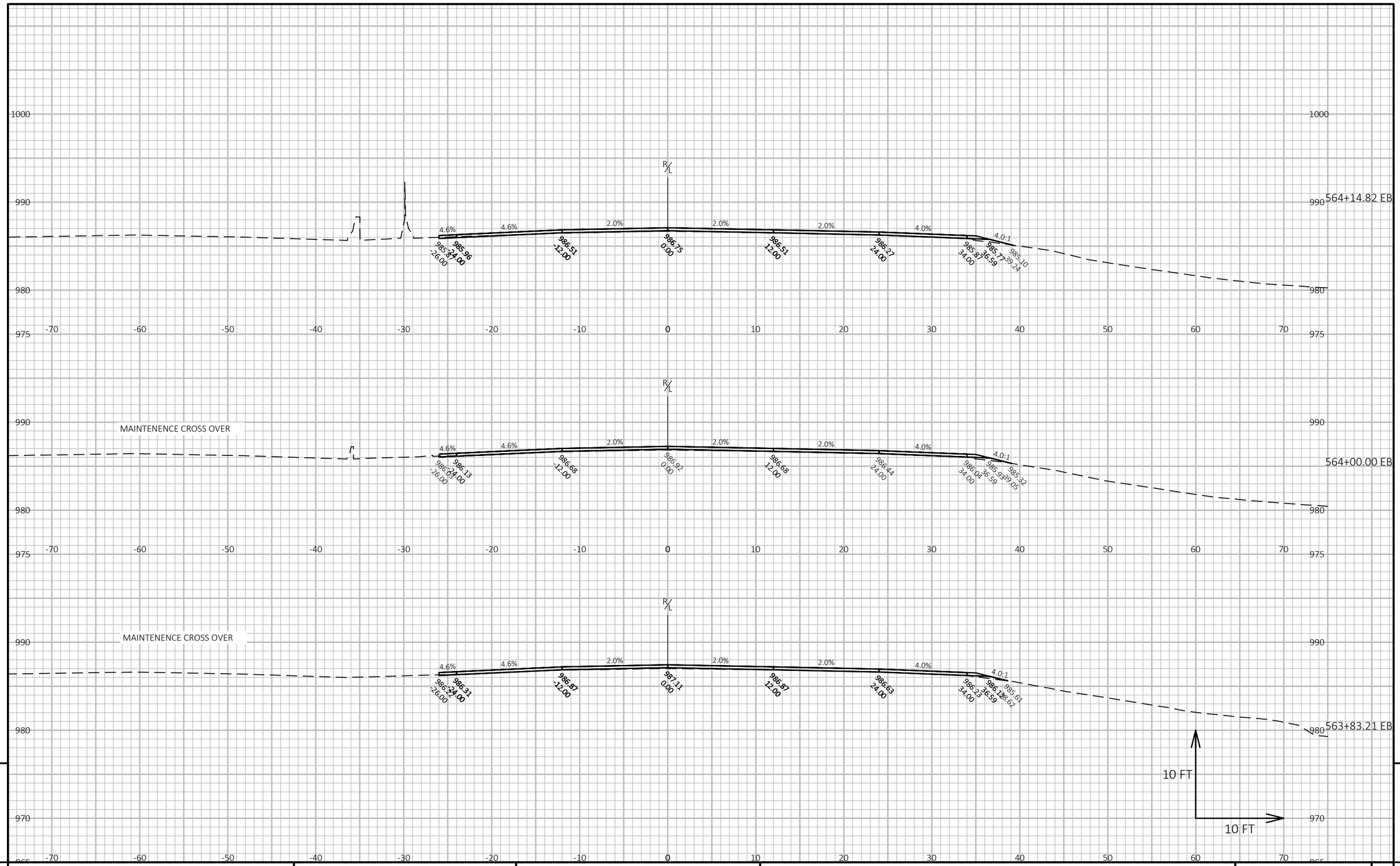


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 243	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/11/2024 7:51 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



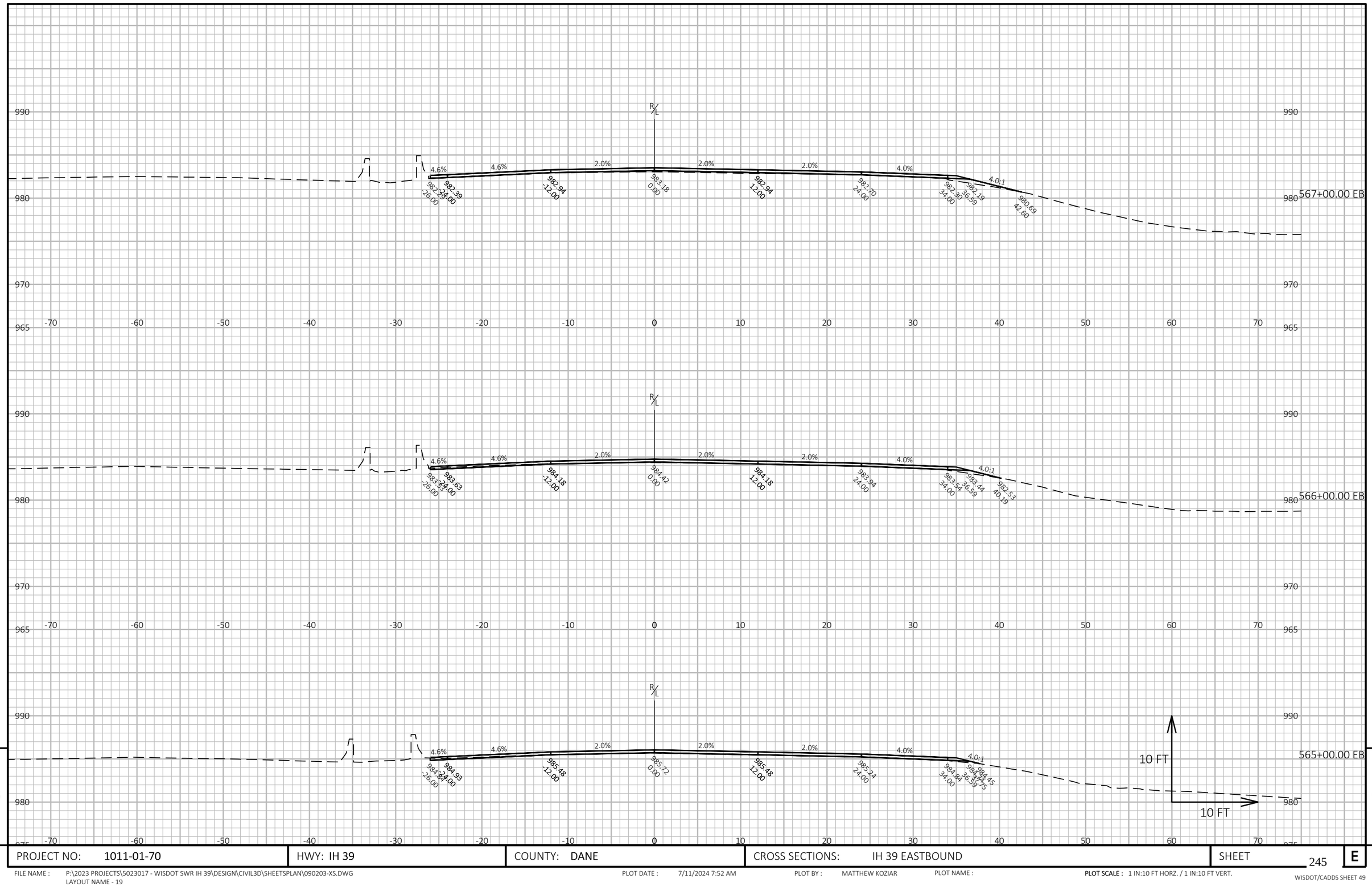
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 244	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 7/11/2024 7:52 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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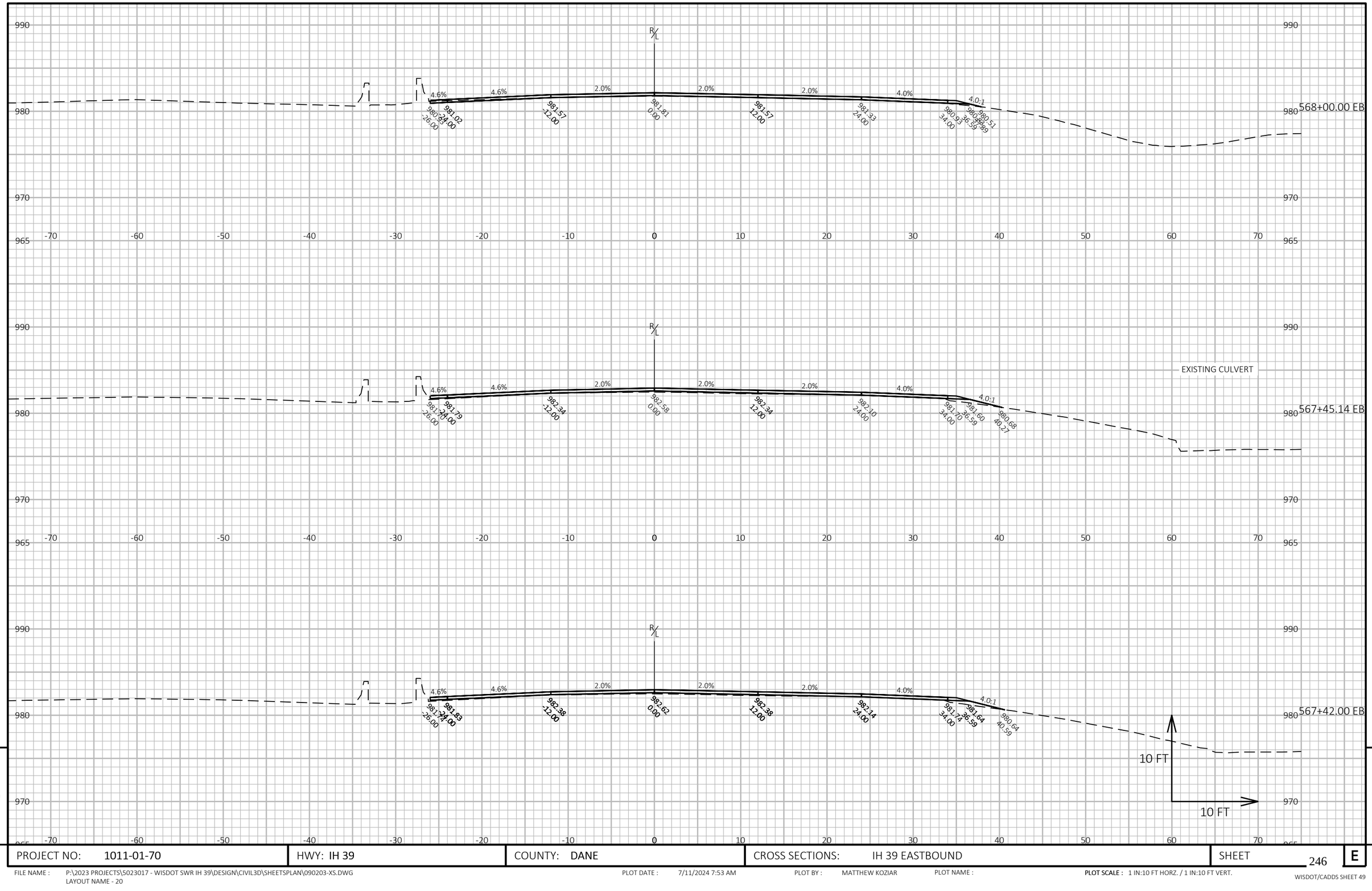
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 245	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 7/11/2024 7:52 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

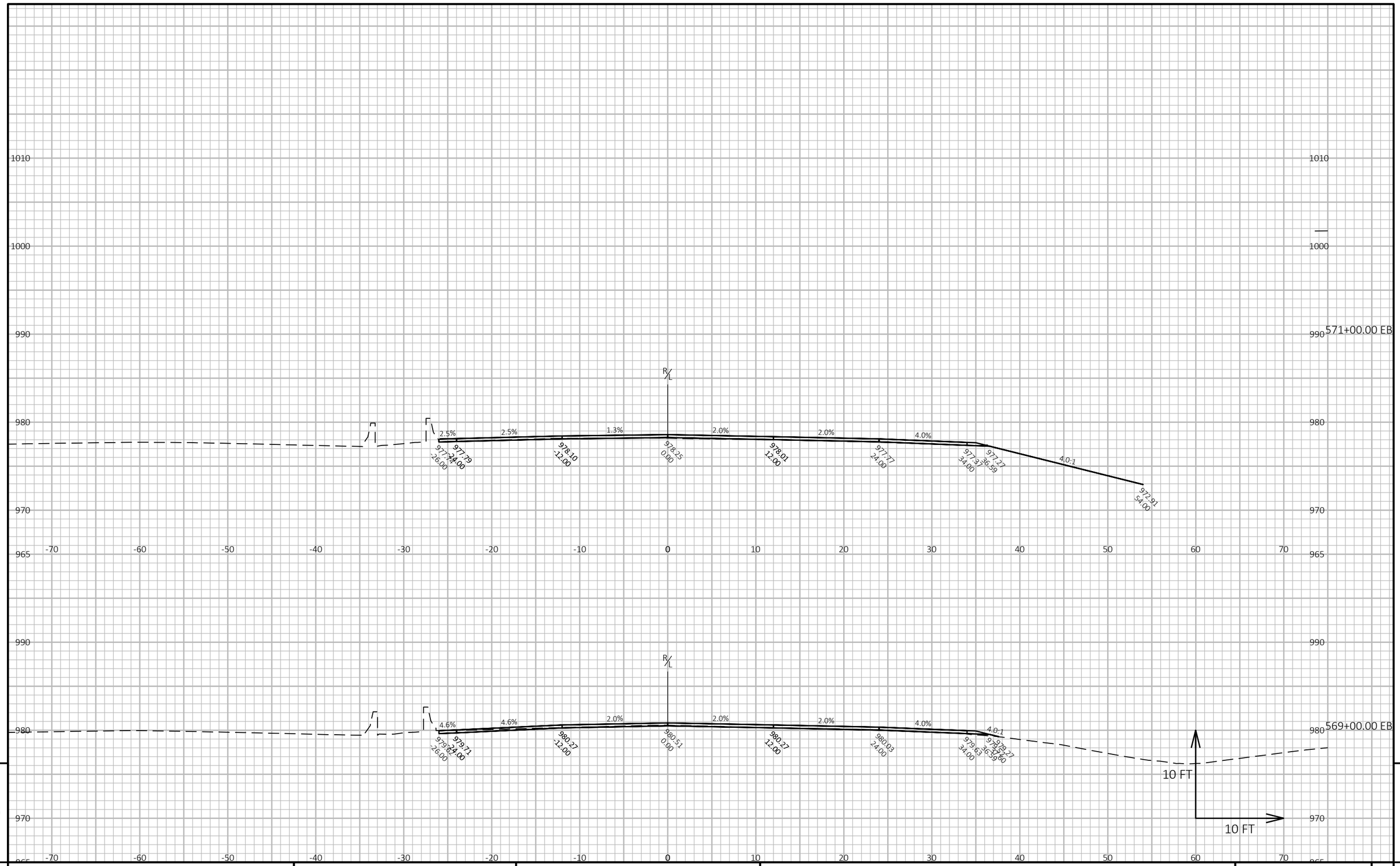


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 246	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 20

PLOT DATE : 7/11/2024 7:53 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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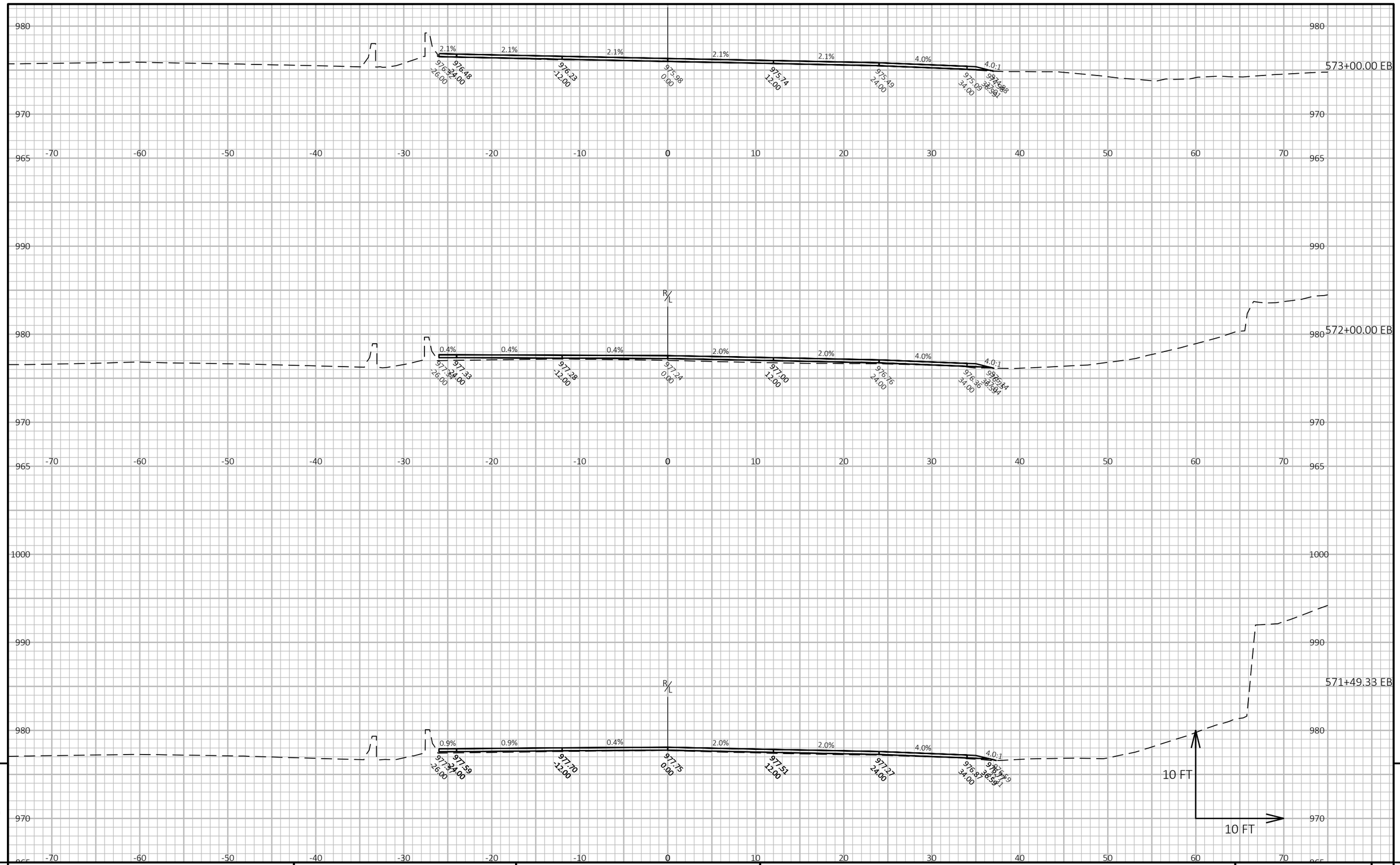
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 247	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 7/11/2024 7:54 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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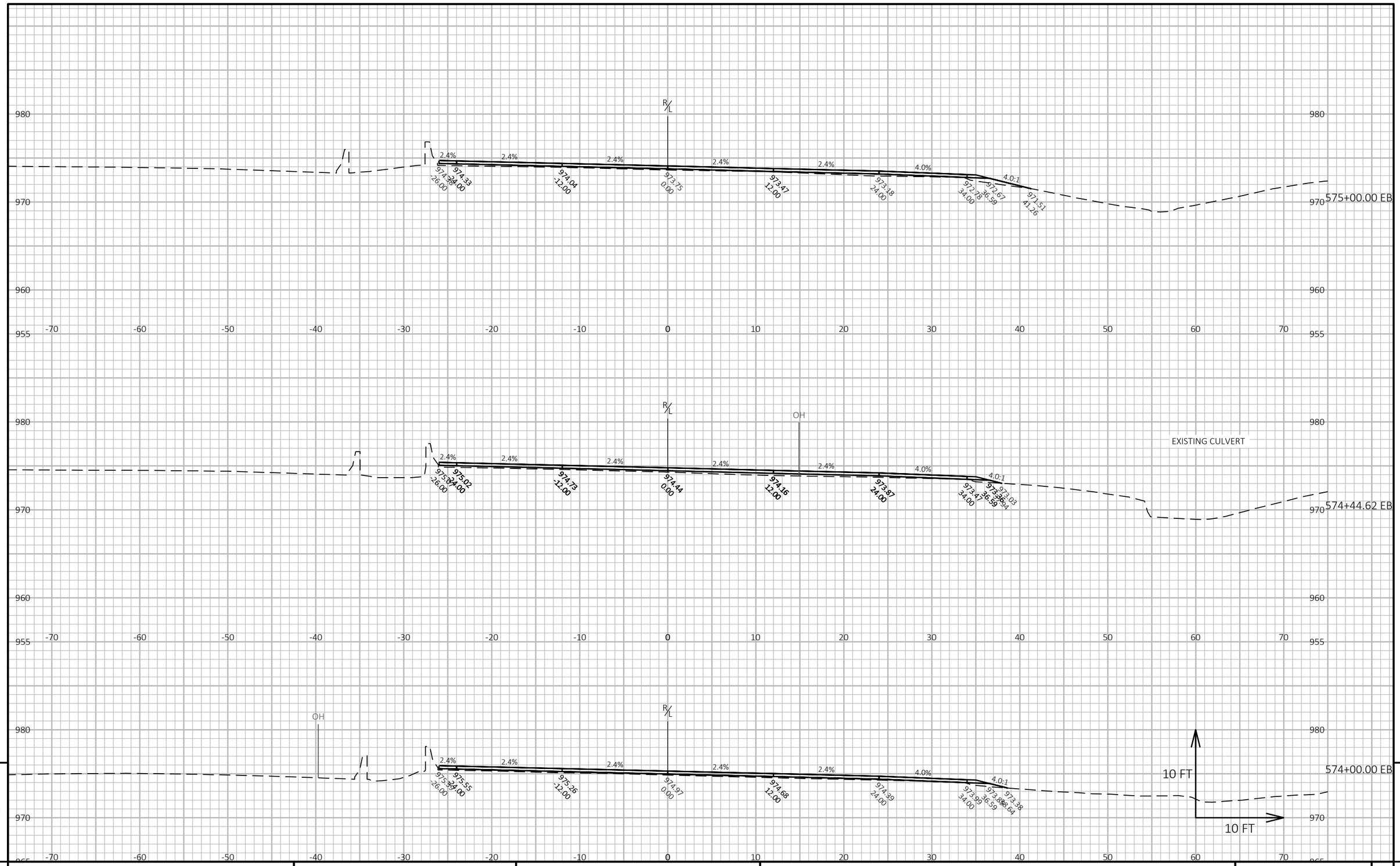
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 248	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 7/11/2024 7:55 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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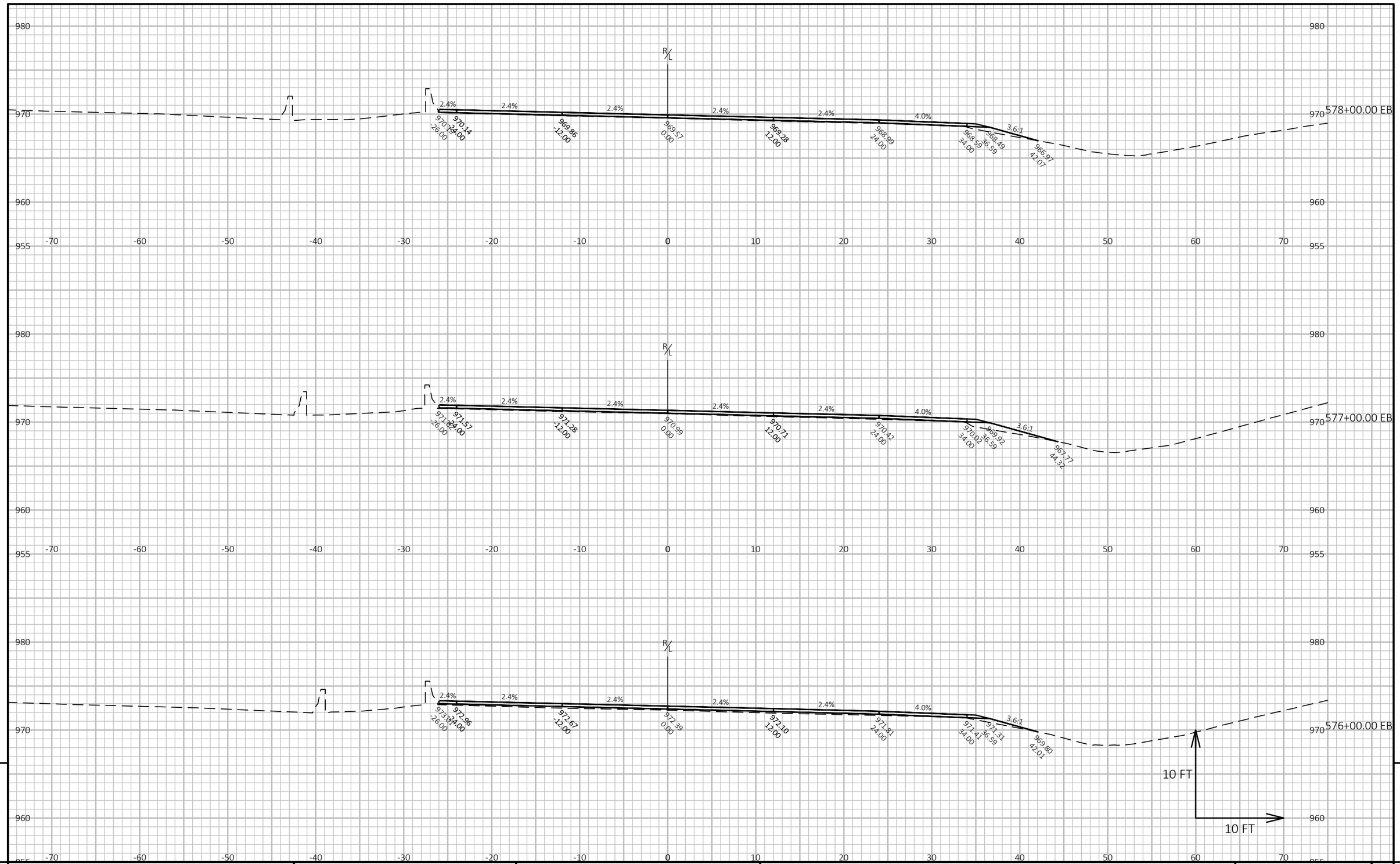
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 249	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 23

PLOT DATE : 7/11/2024 7:55 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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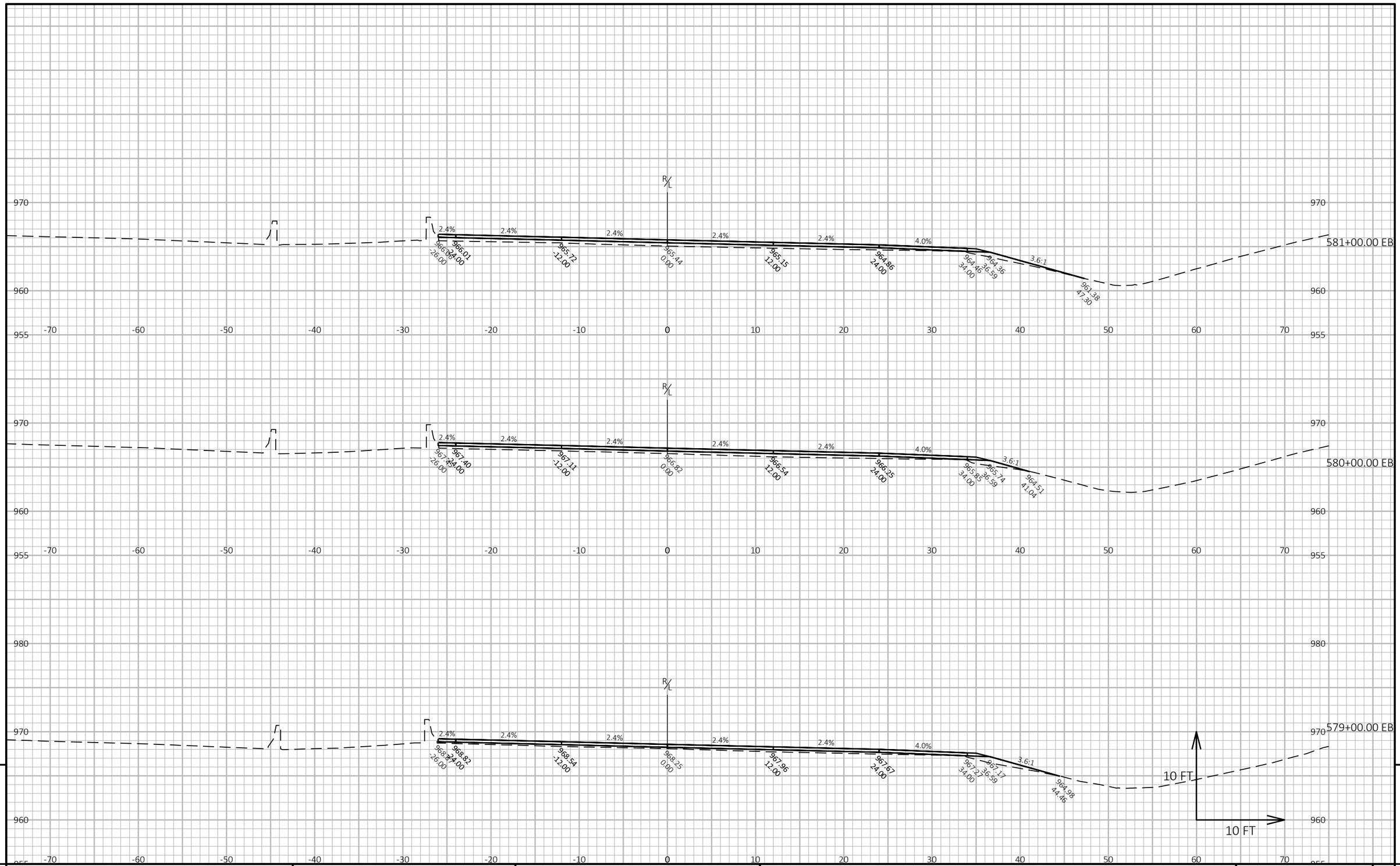
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 250	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/11/2024 7:56 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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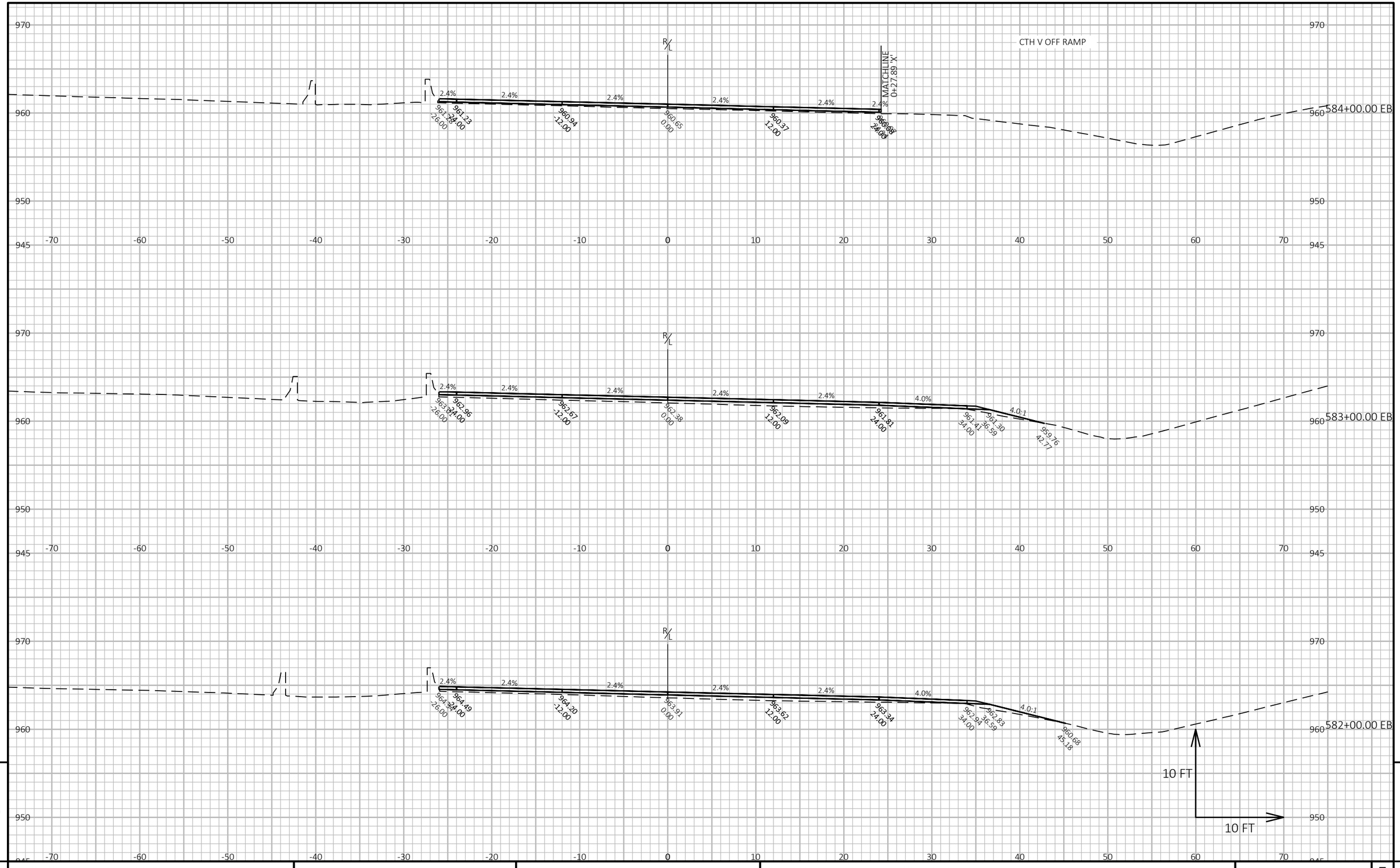
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 251	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 7/11/2024 7:57 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

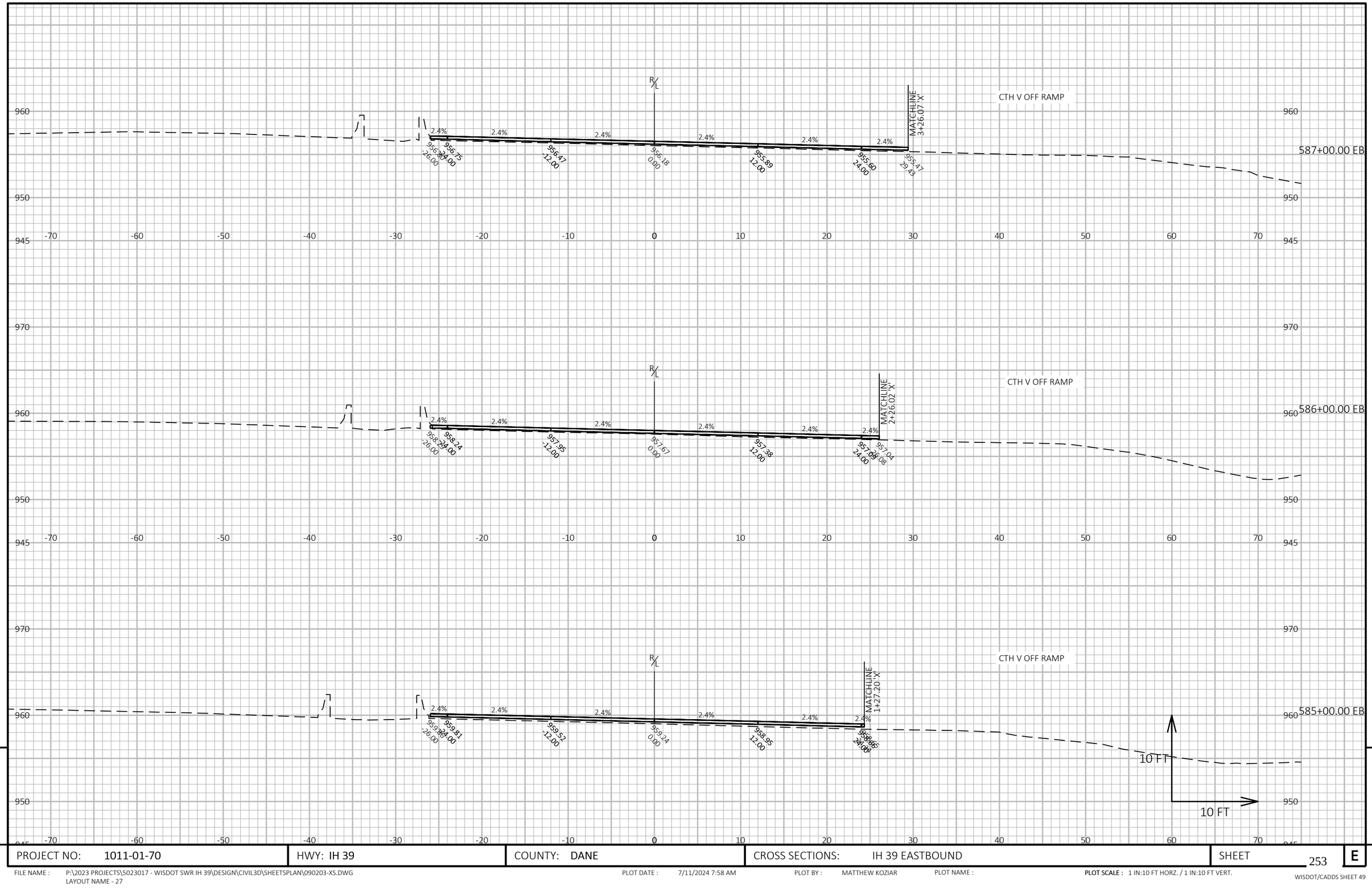


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 252 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 7/11/2024 7:58 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

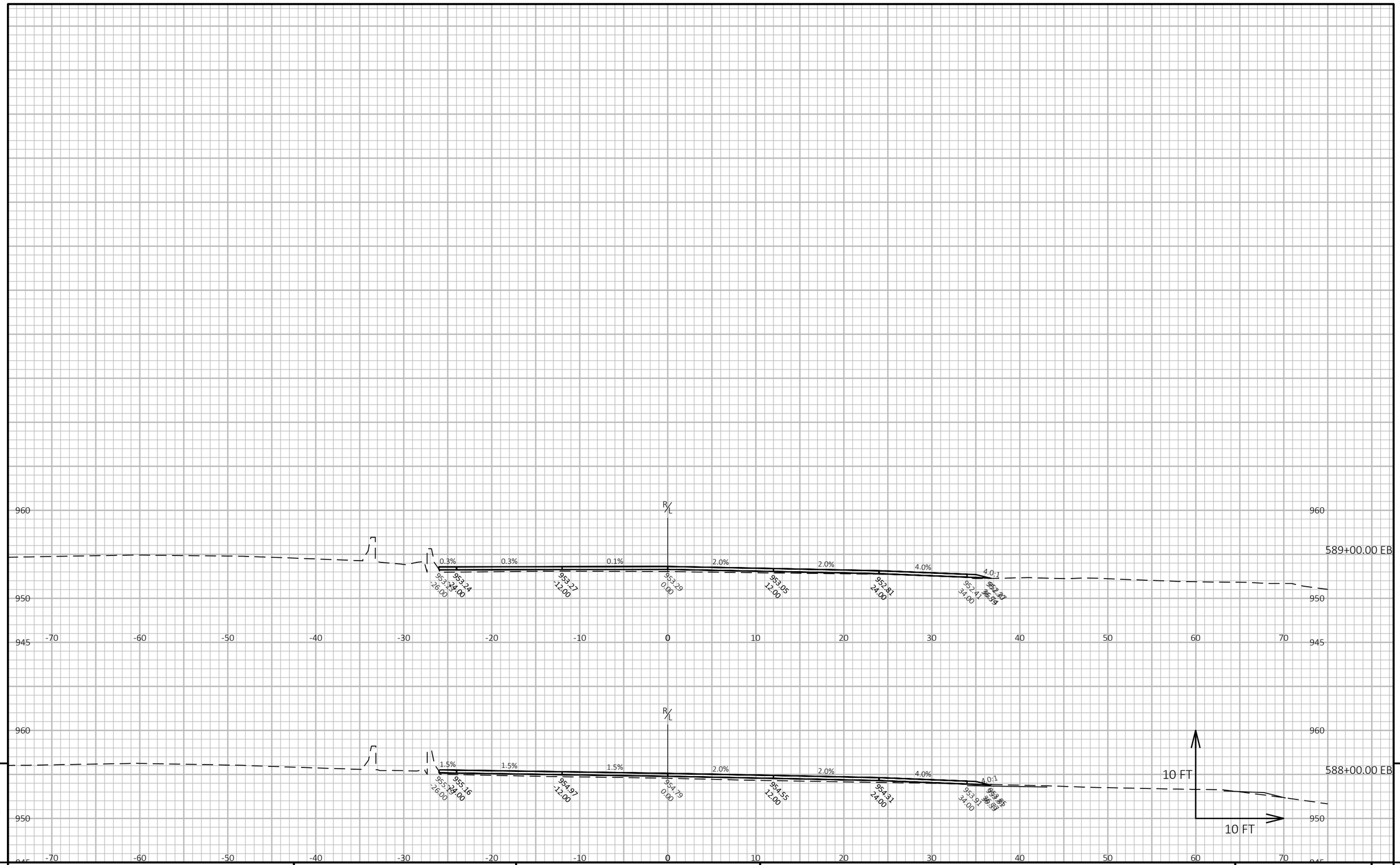


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 253 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 27

PLOT DATE : 7/11/2024 7:58 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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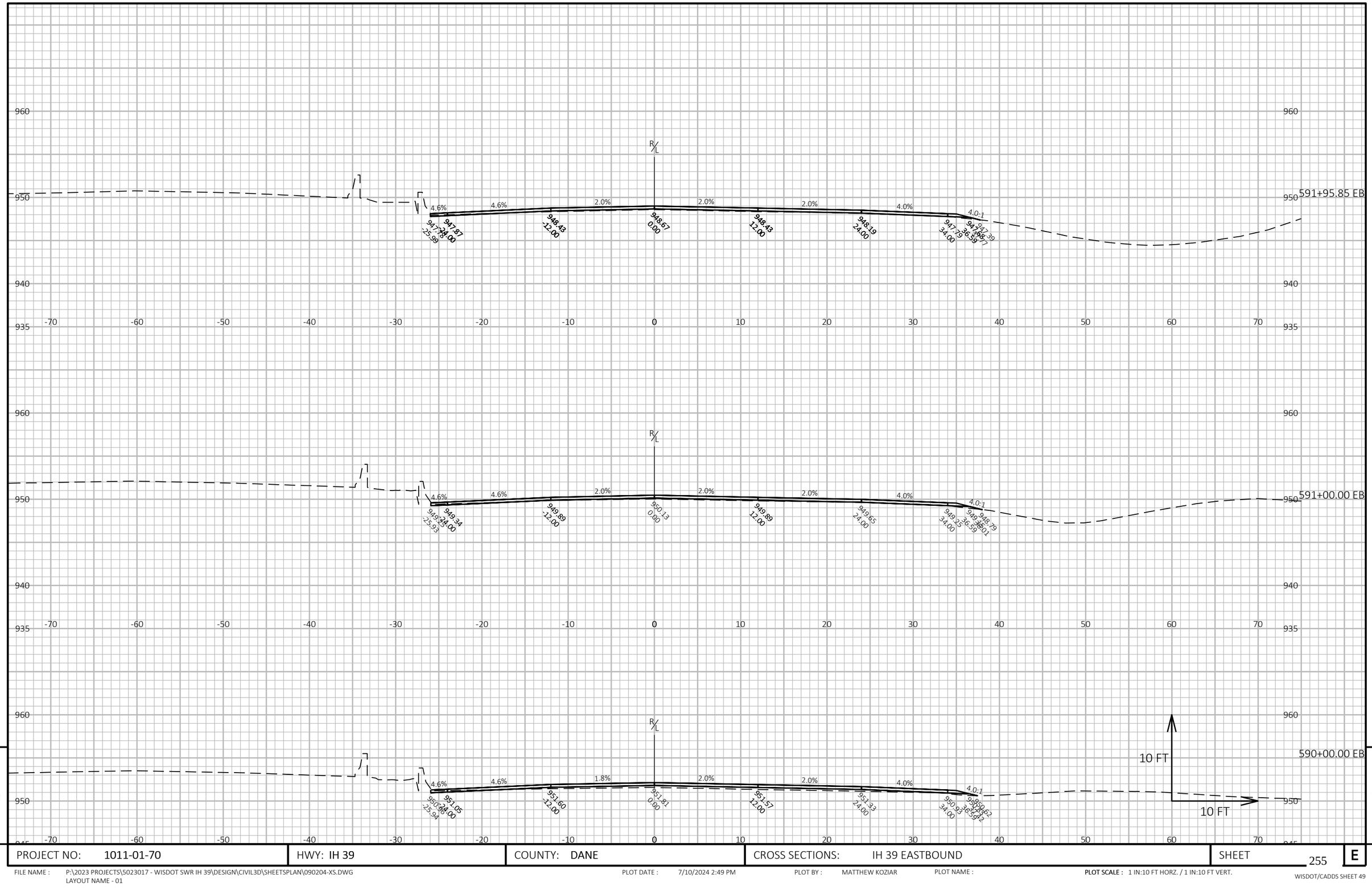
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 254	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 28

PLOT DATE : 7/31/2024 3:23 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 255	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 01

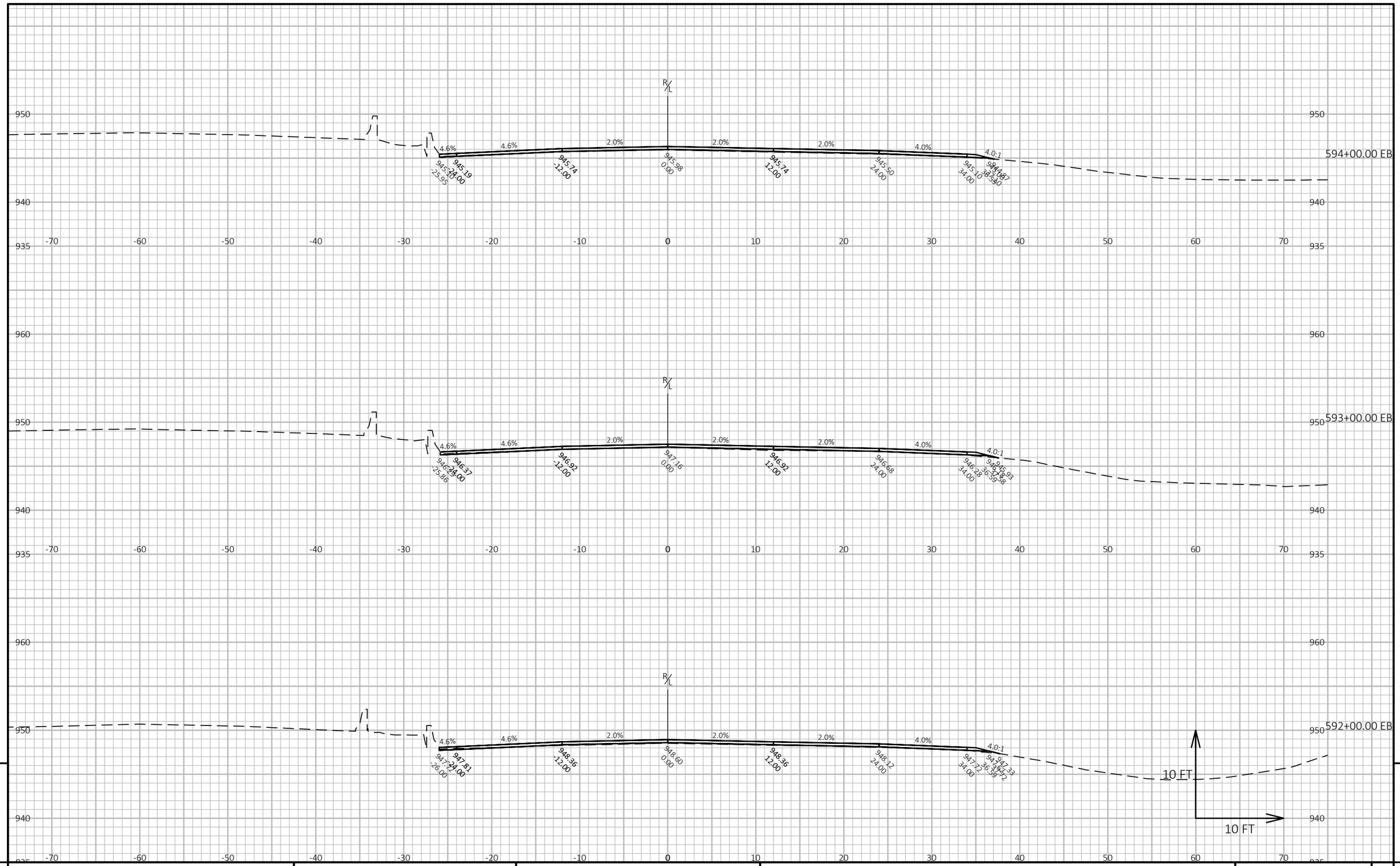
PLOT DATE : 7/10/2024 2:49 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 256	E

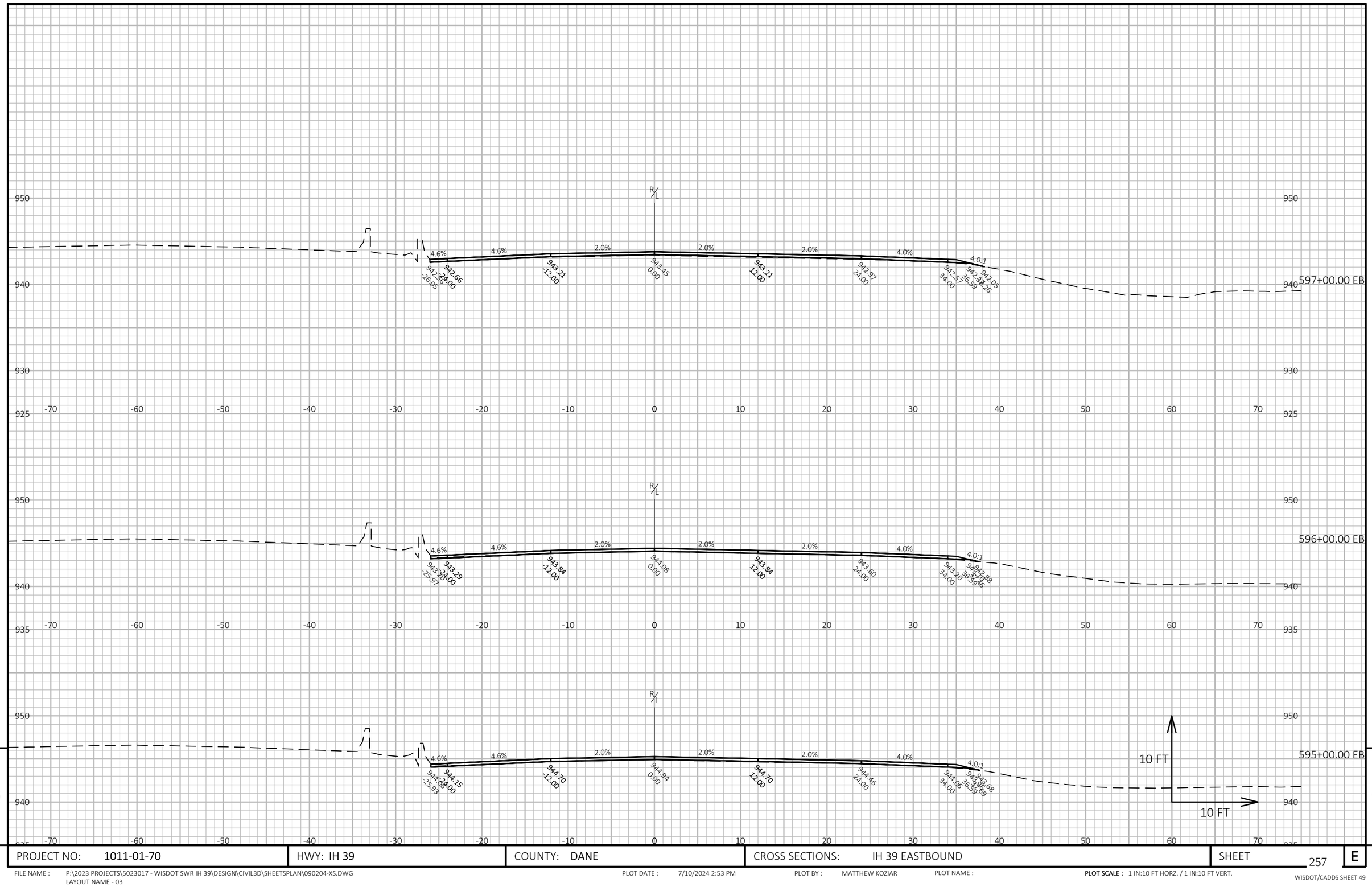
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/10/2024 2:51 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

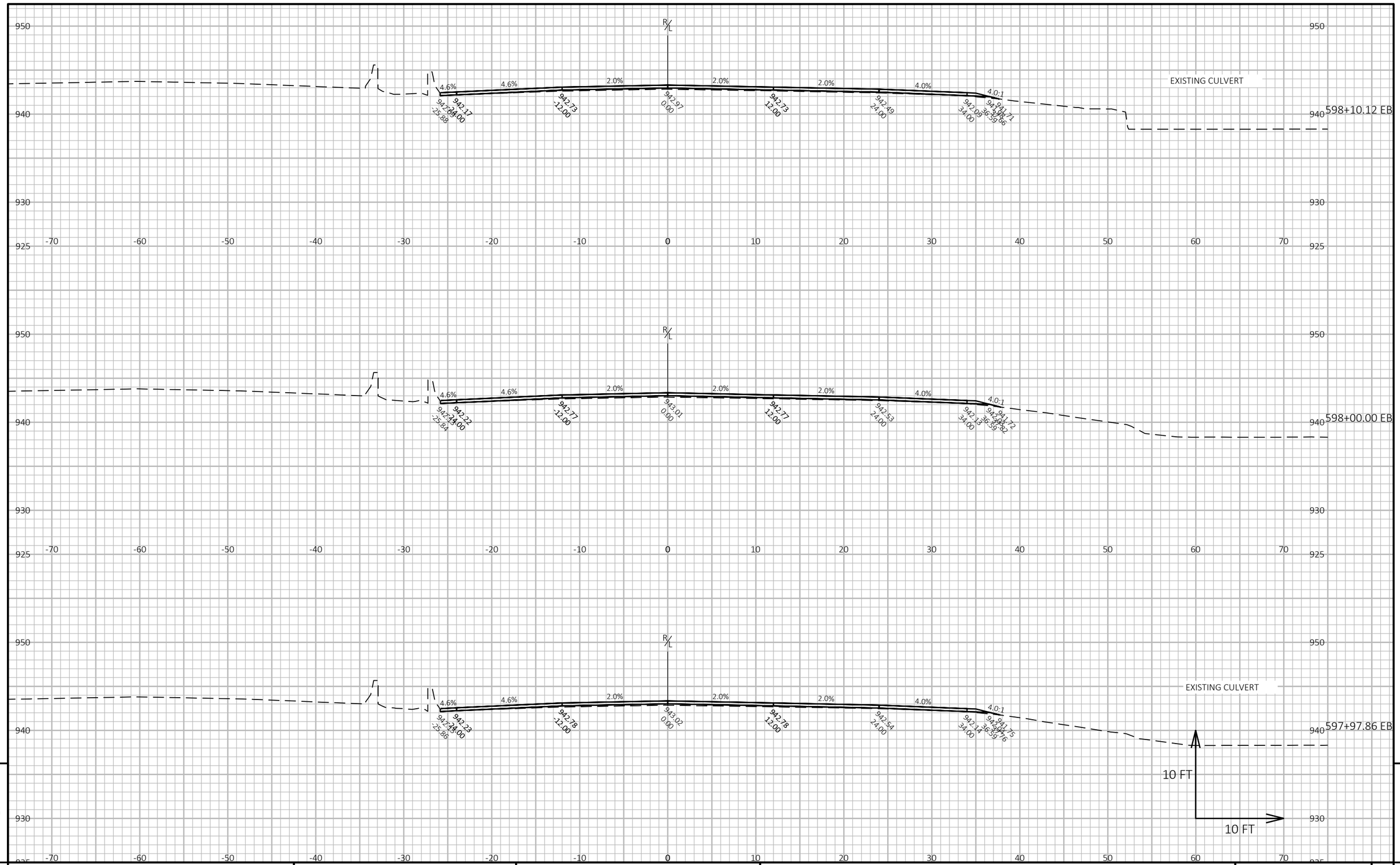
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 257	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 7/10/2024 2:53 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

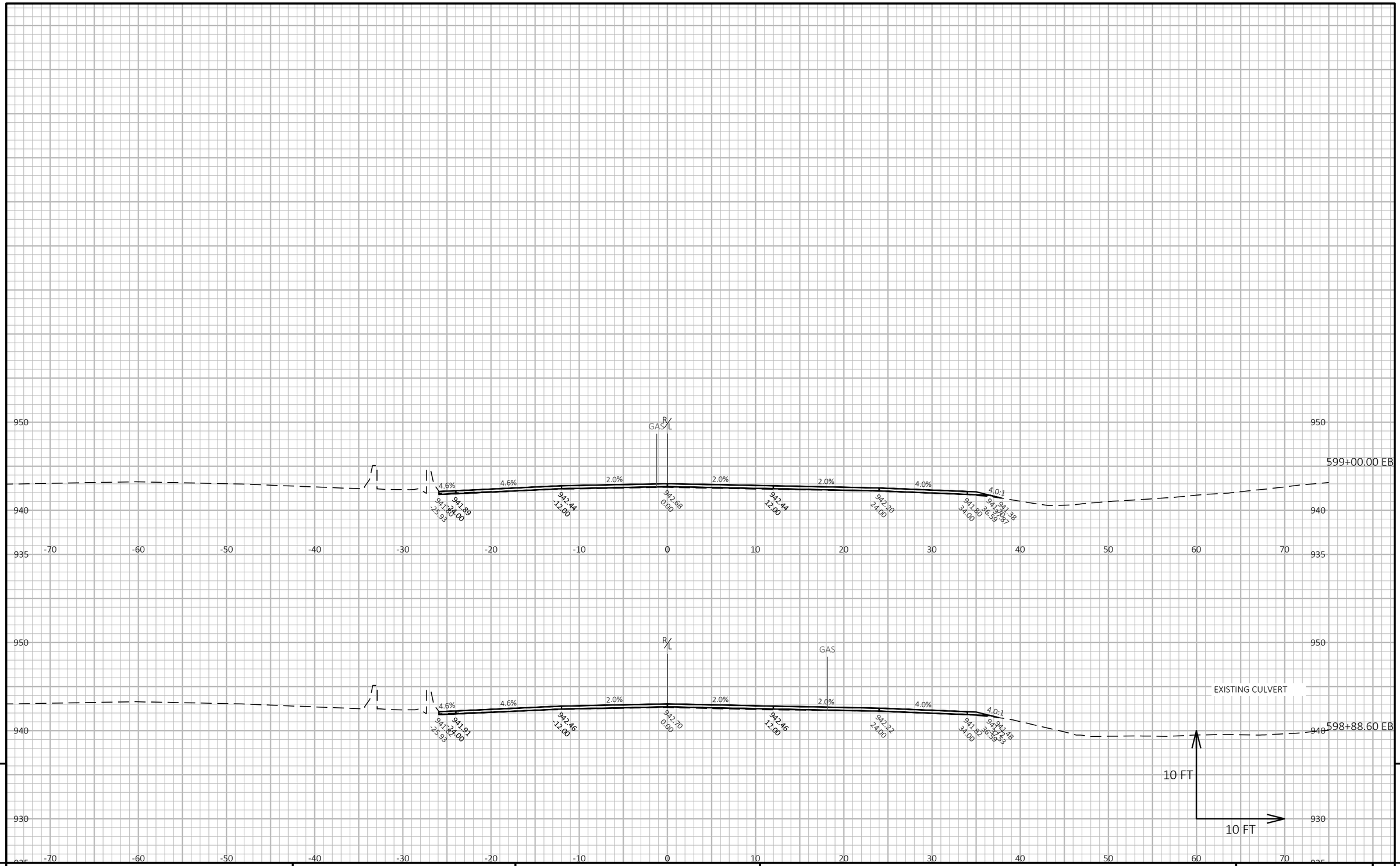
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 258	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/10/2024 2:55 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

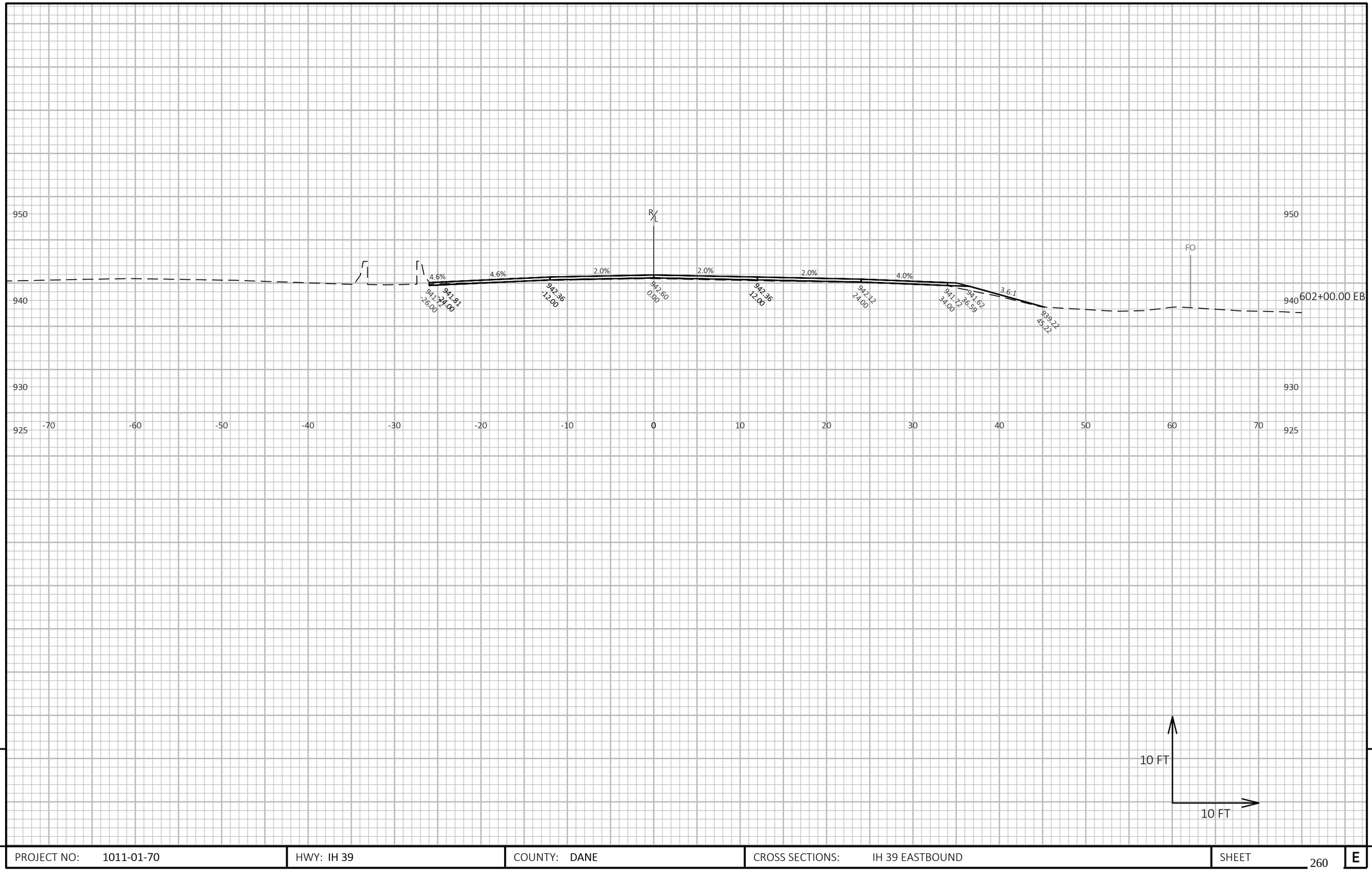
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 259	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/10/2024 2:57 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

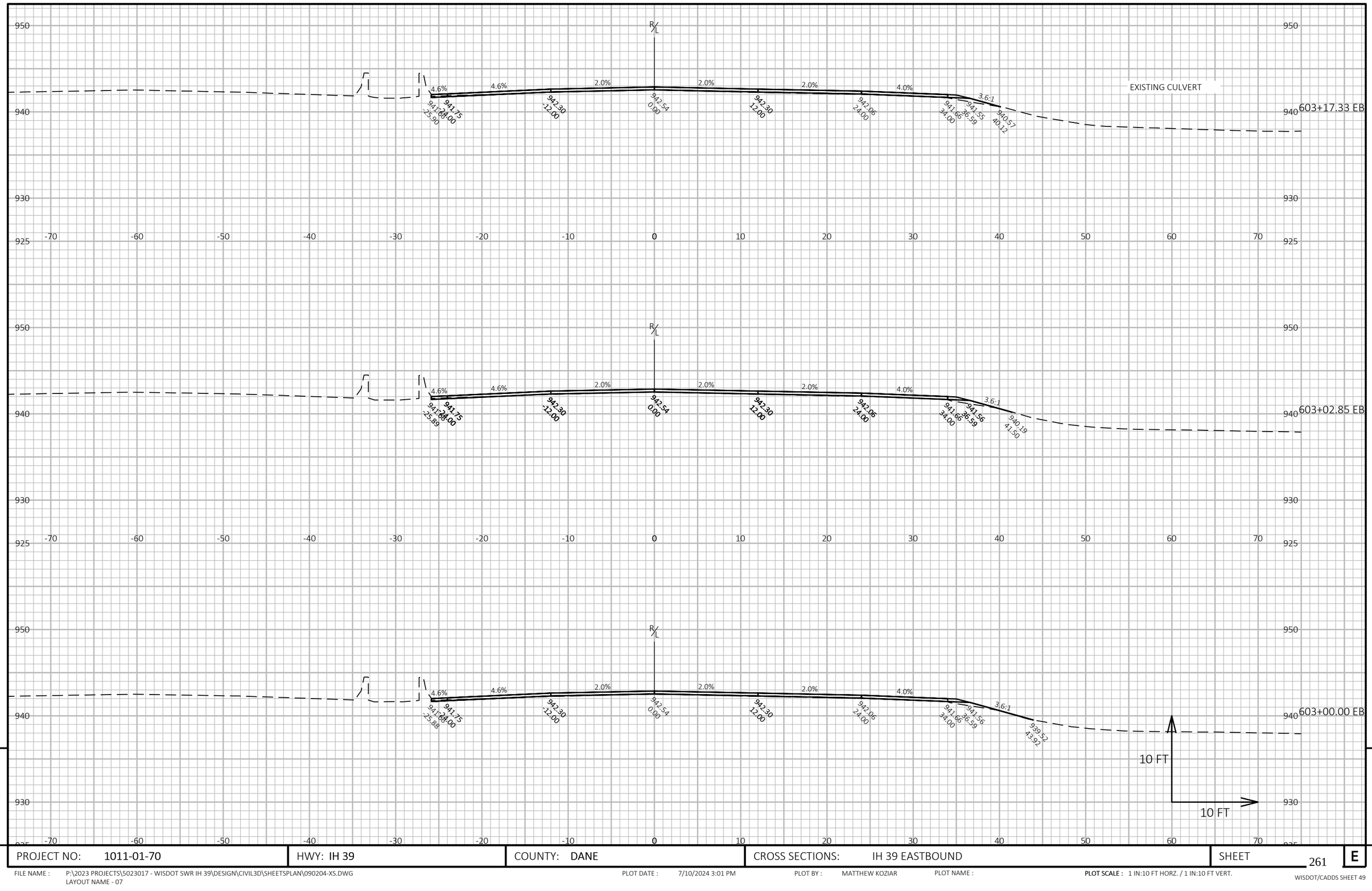
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 260	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 7/10/2024 2:59 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

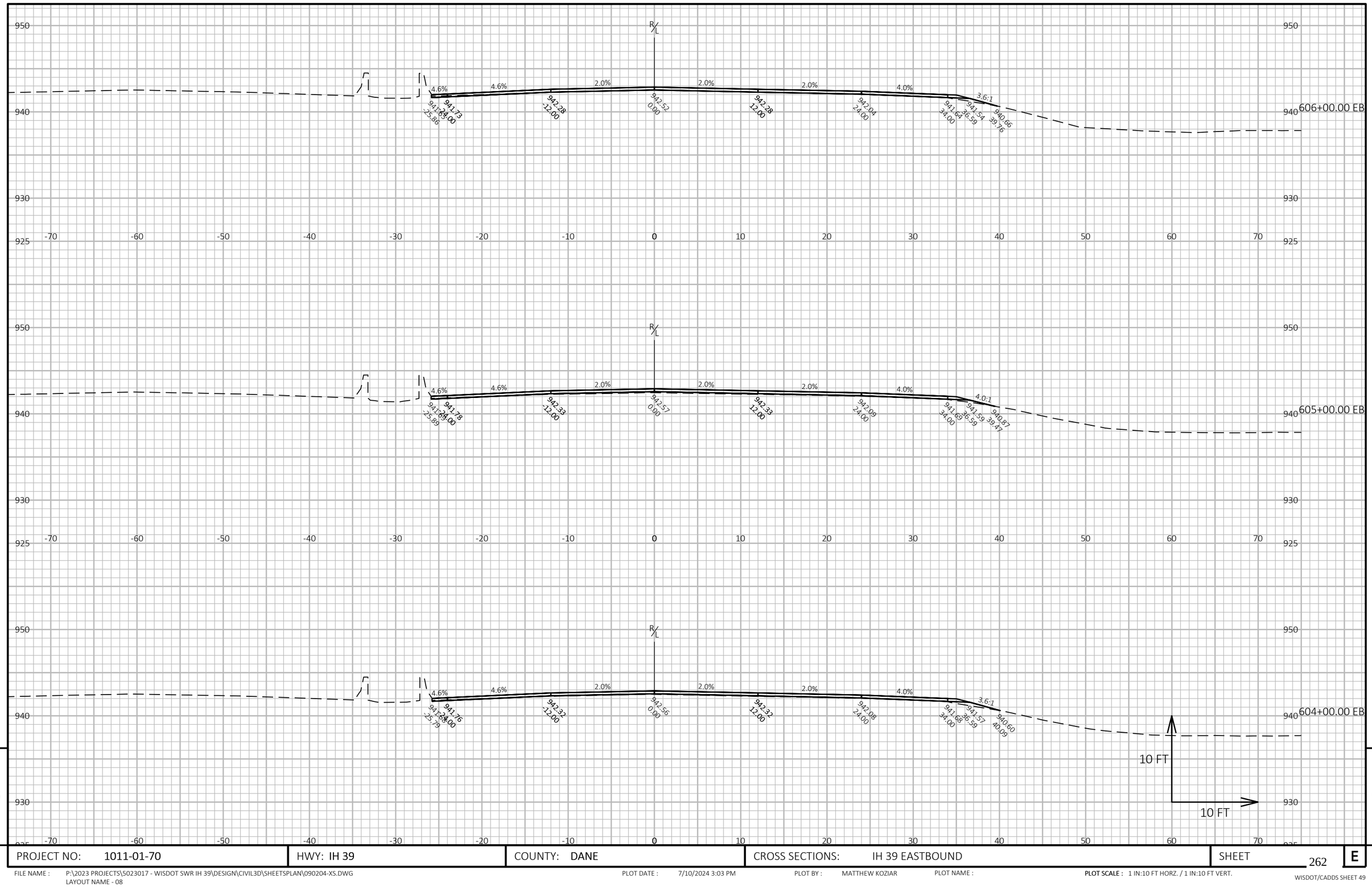


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 261	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/10/2024 3:01 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

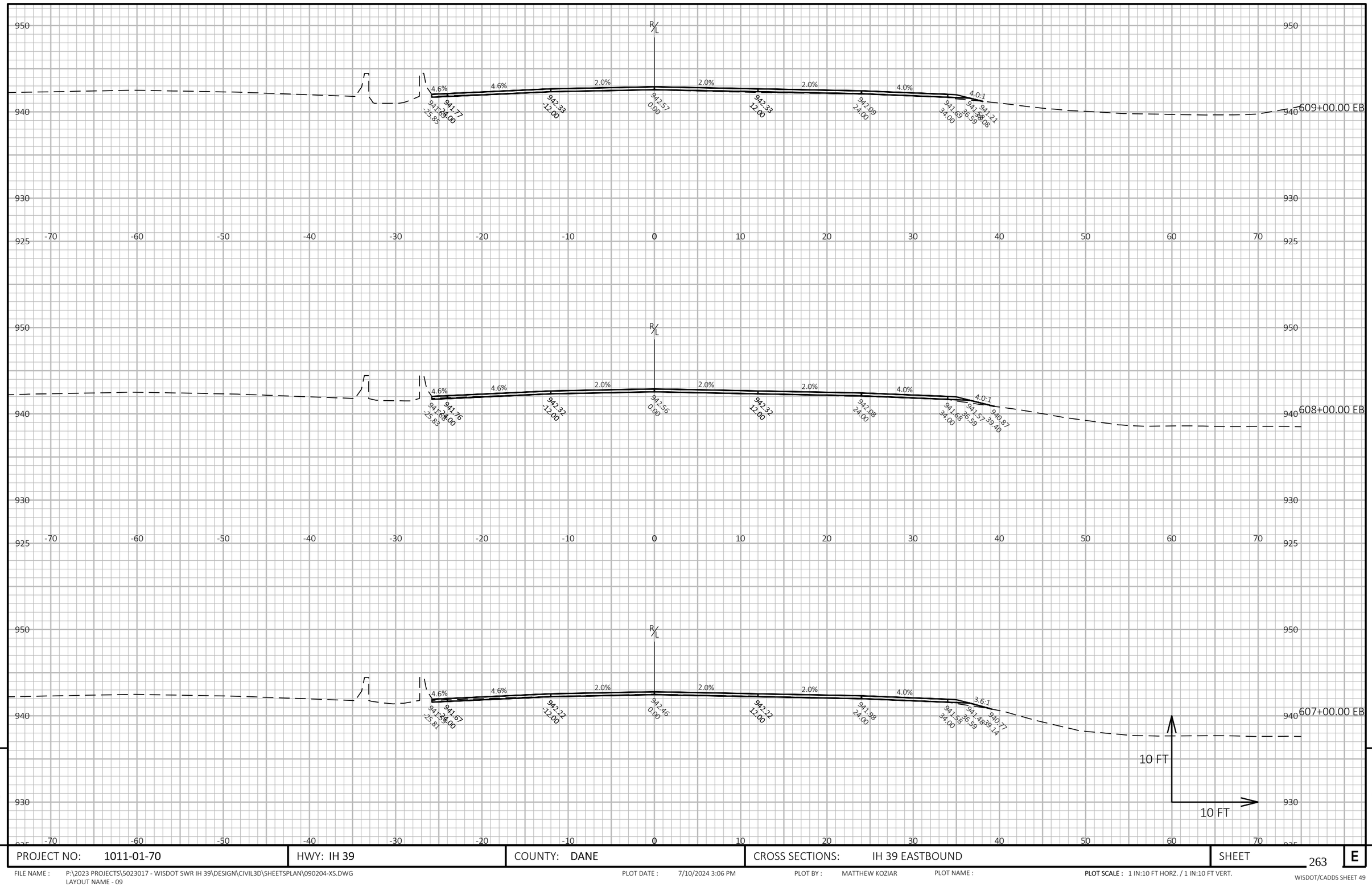
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 262	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 7/10/2024 3:03 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

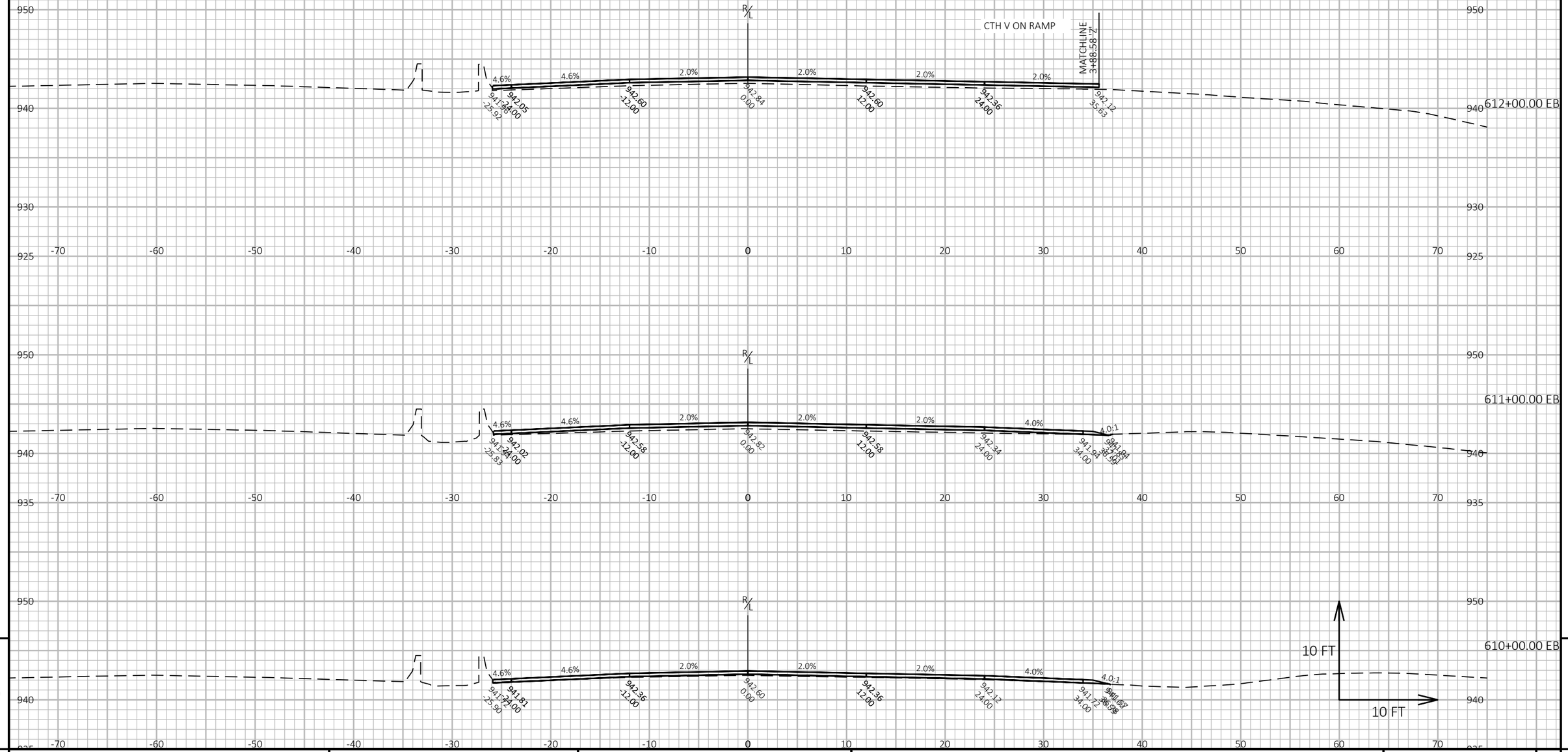
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 263	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/10/2024 3:06 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



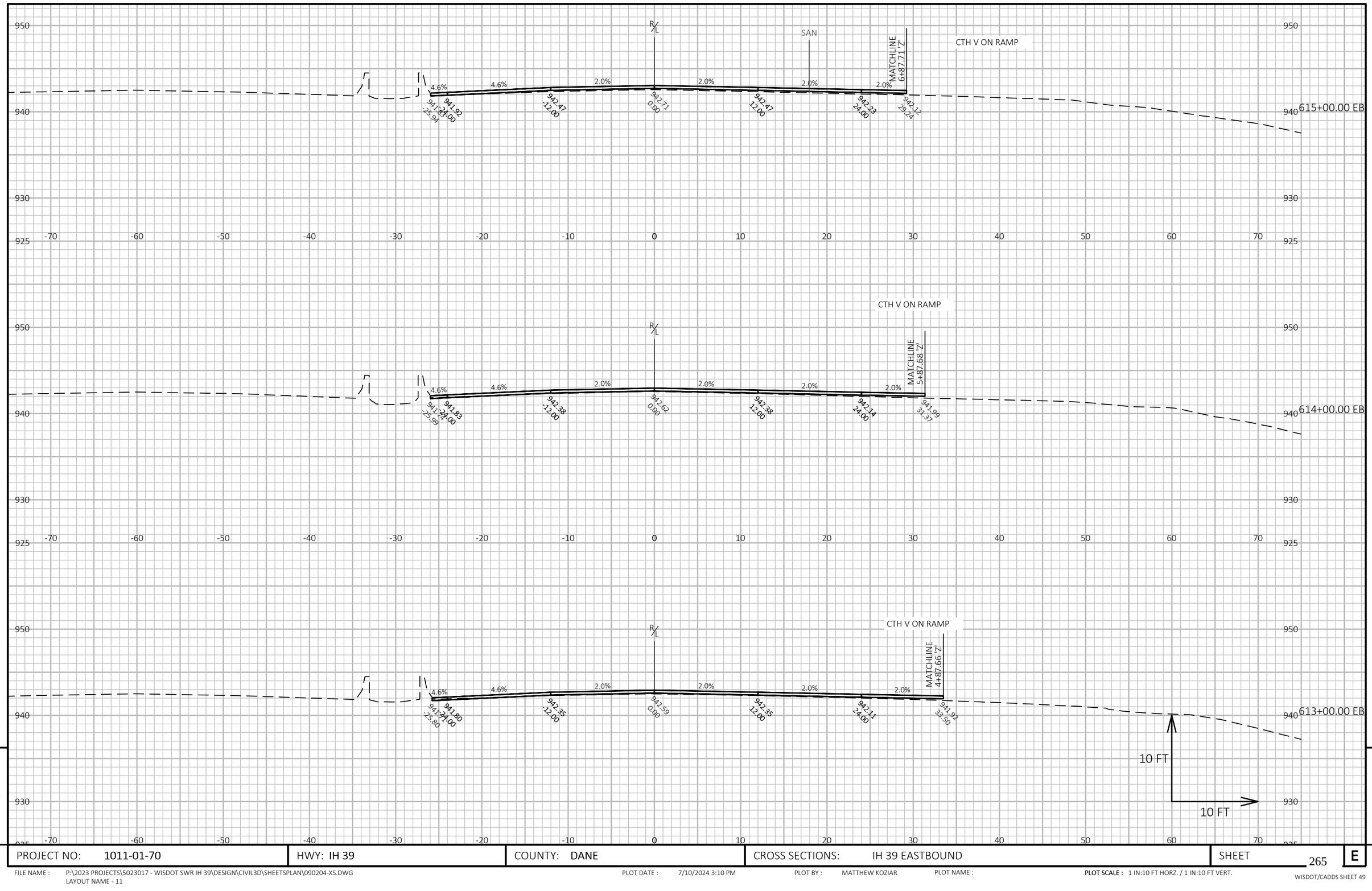
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 264	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/10/2024 3:08 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



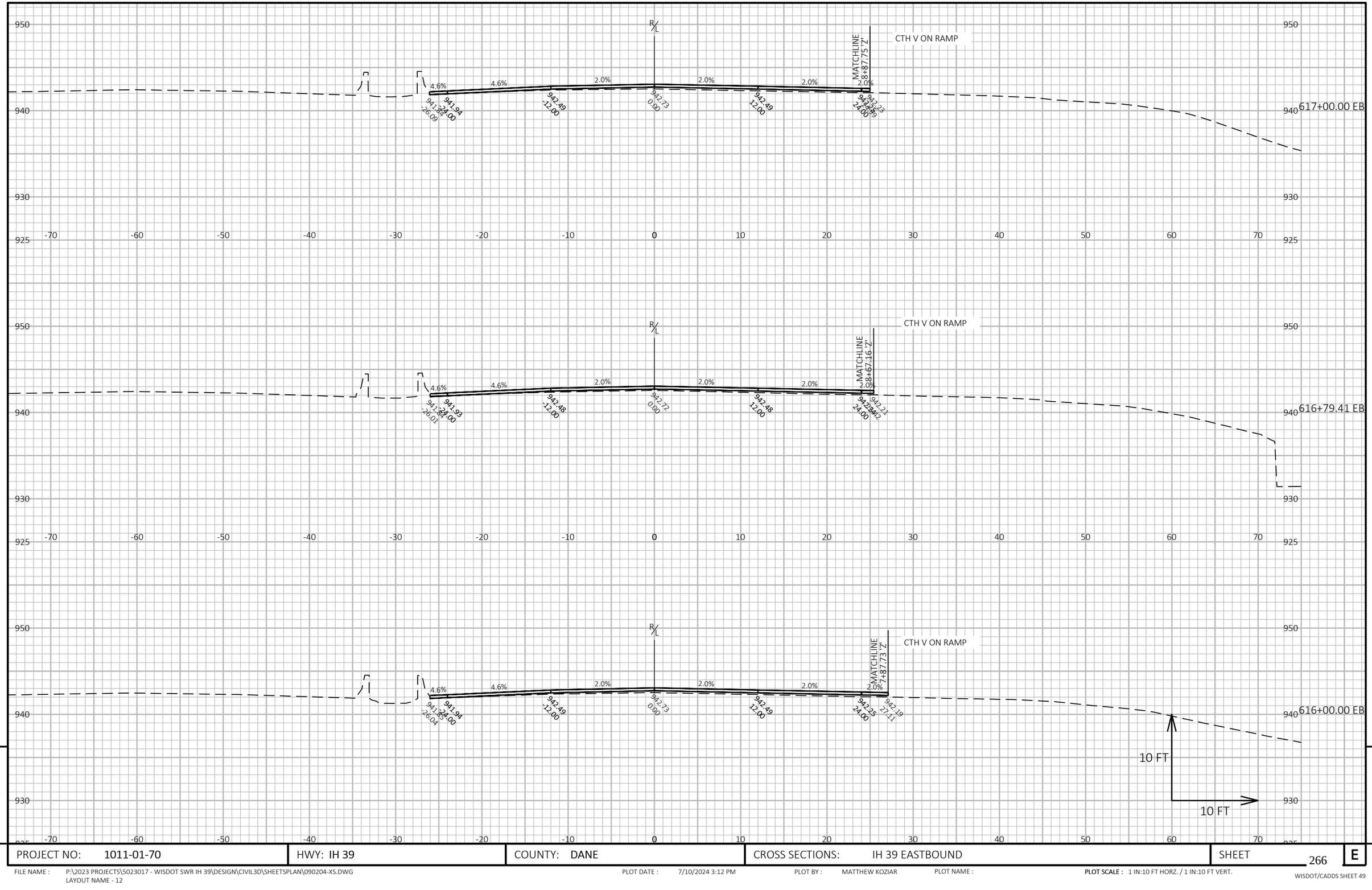
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 265	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/10/2024 3:10 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

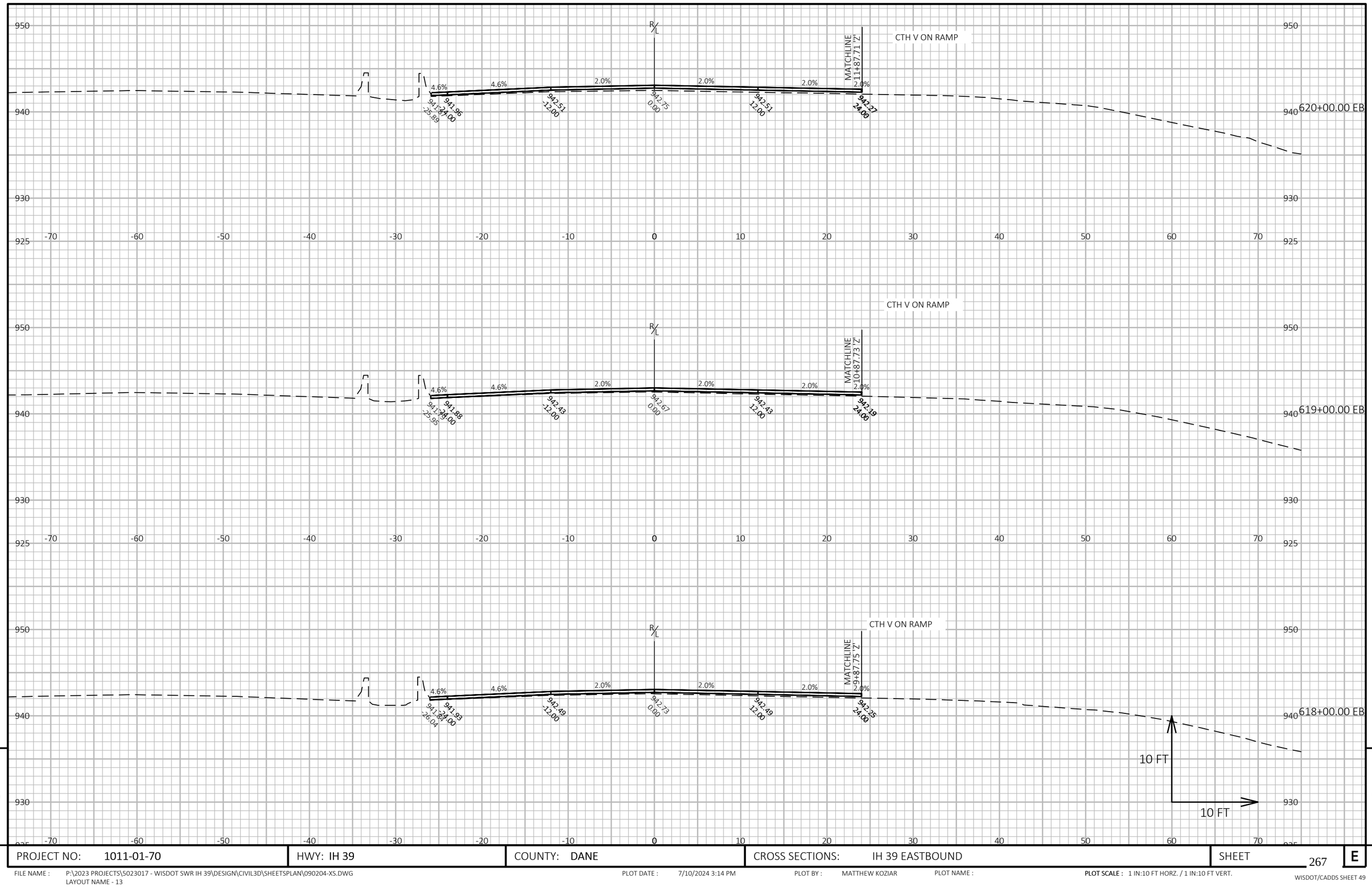
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 266	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 7/10/2024 3:12 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

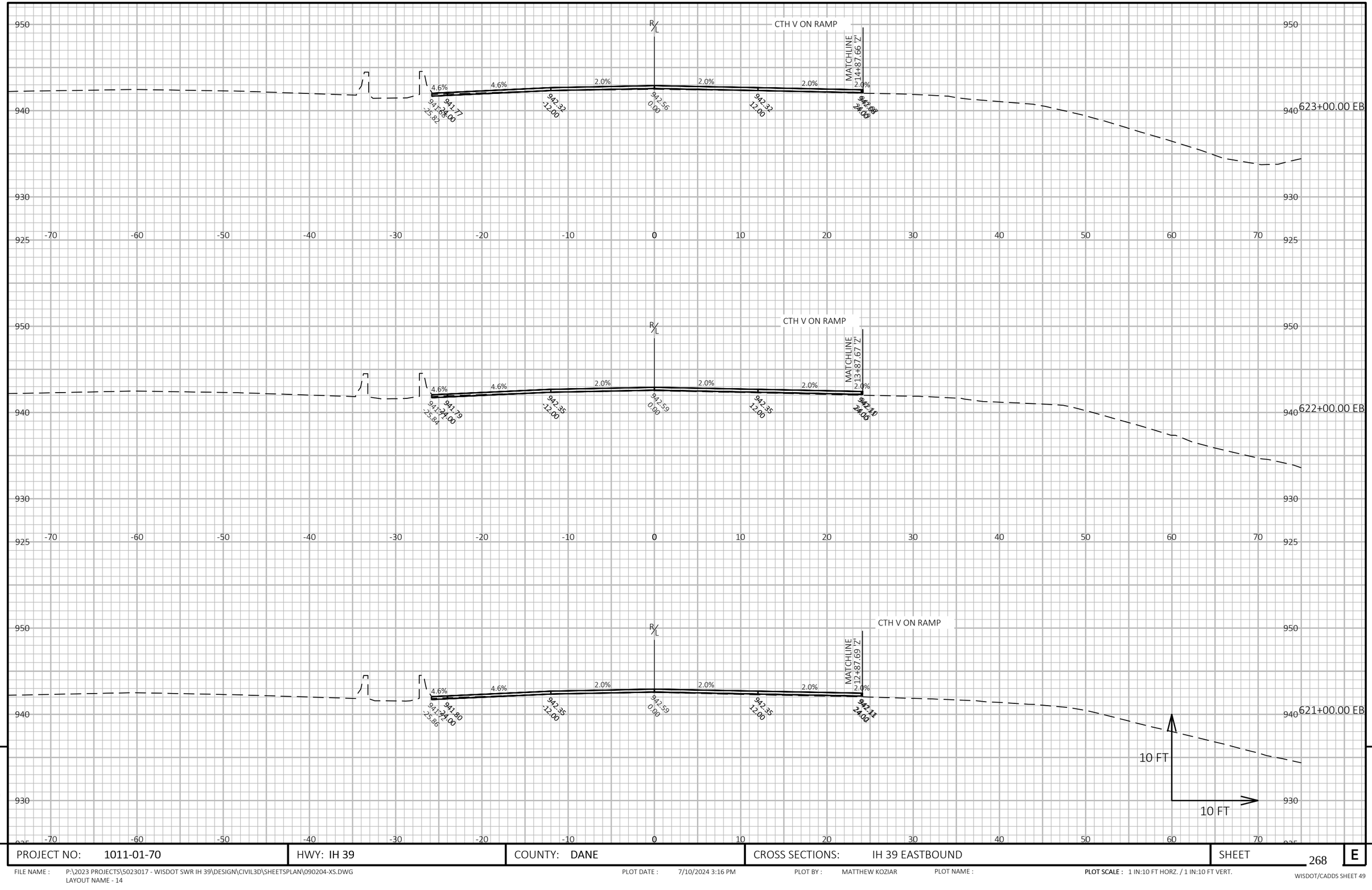
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 267	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/10/2024 3:14 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

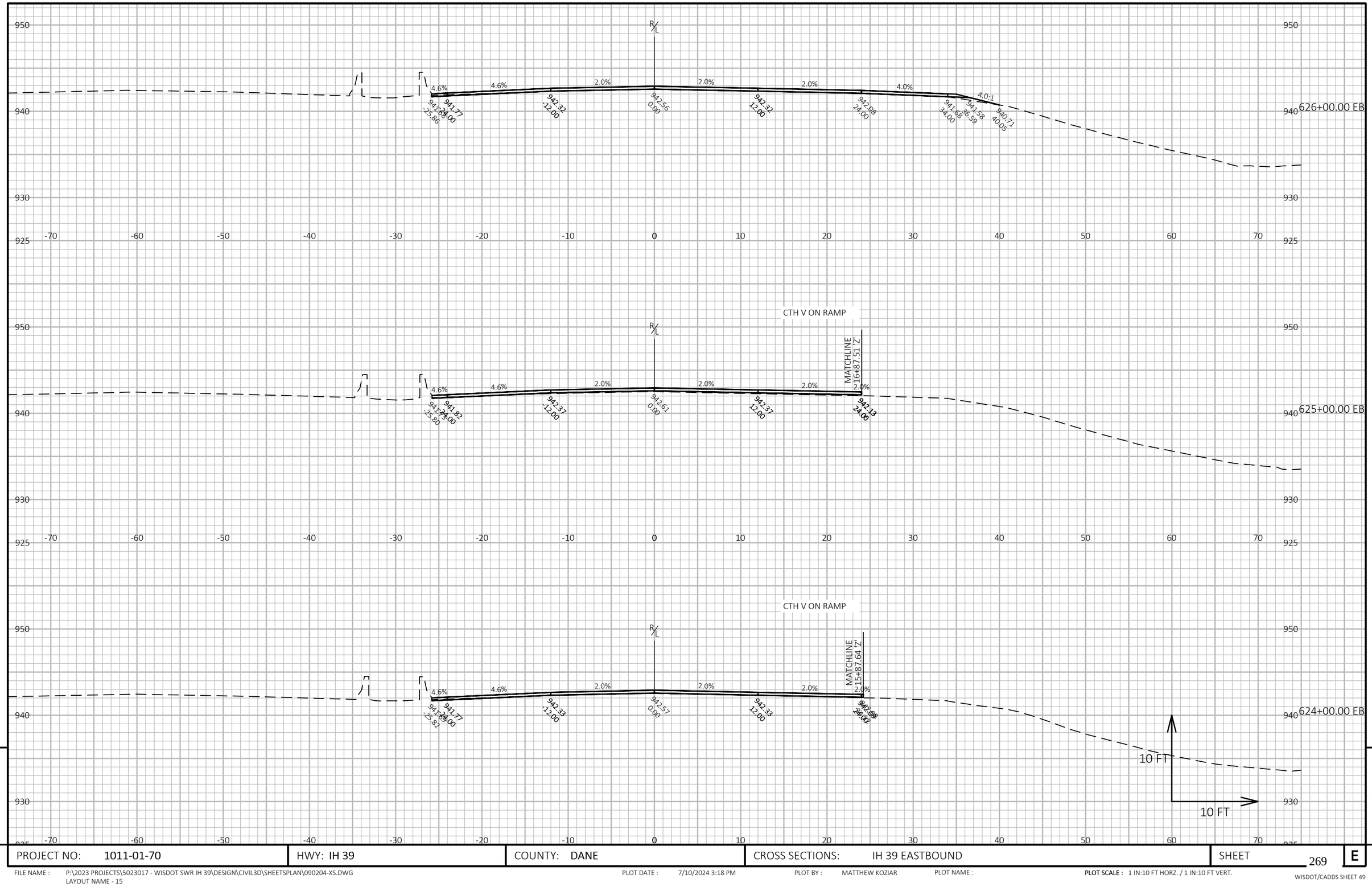
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 268	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/10/2024 3:16 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



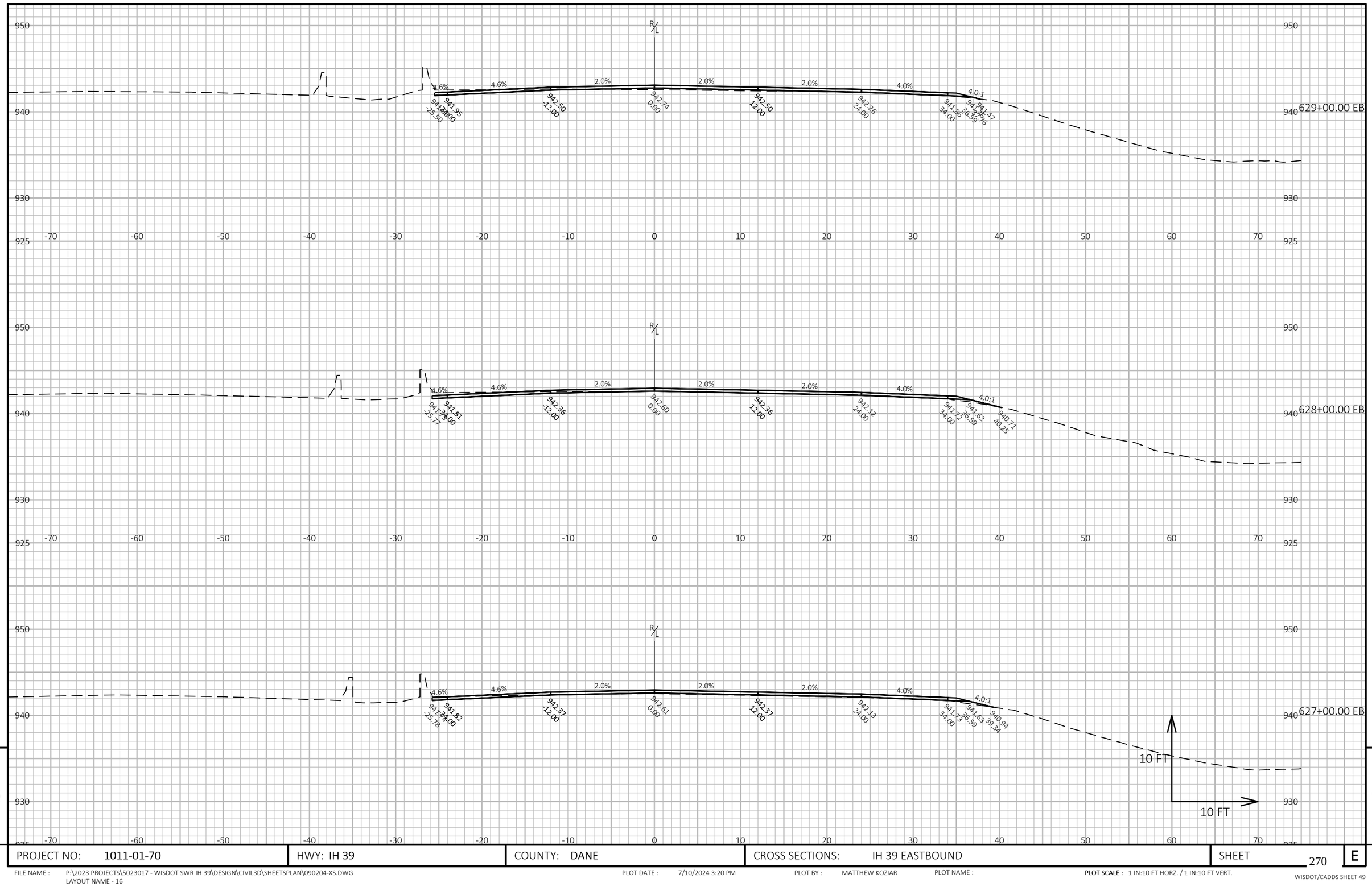
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 269	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/10/2024 3:18 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

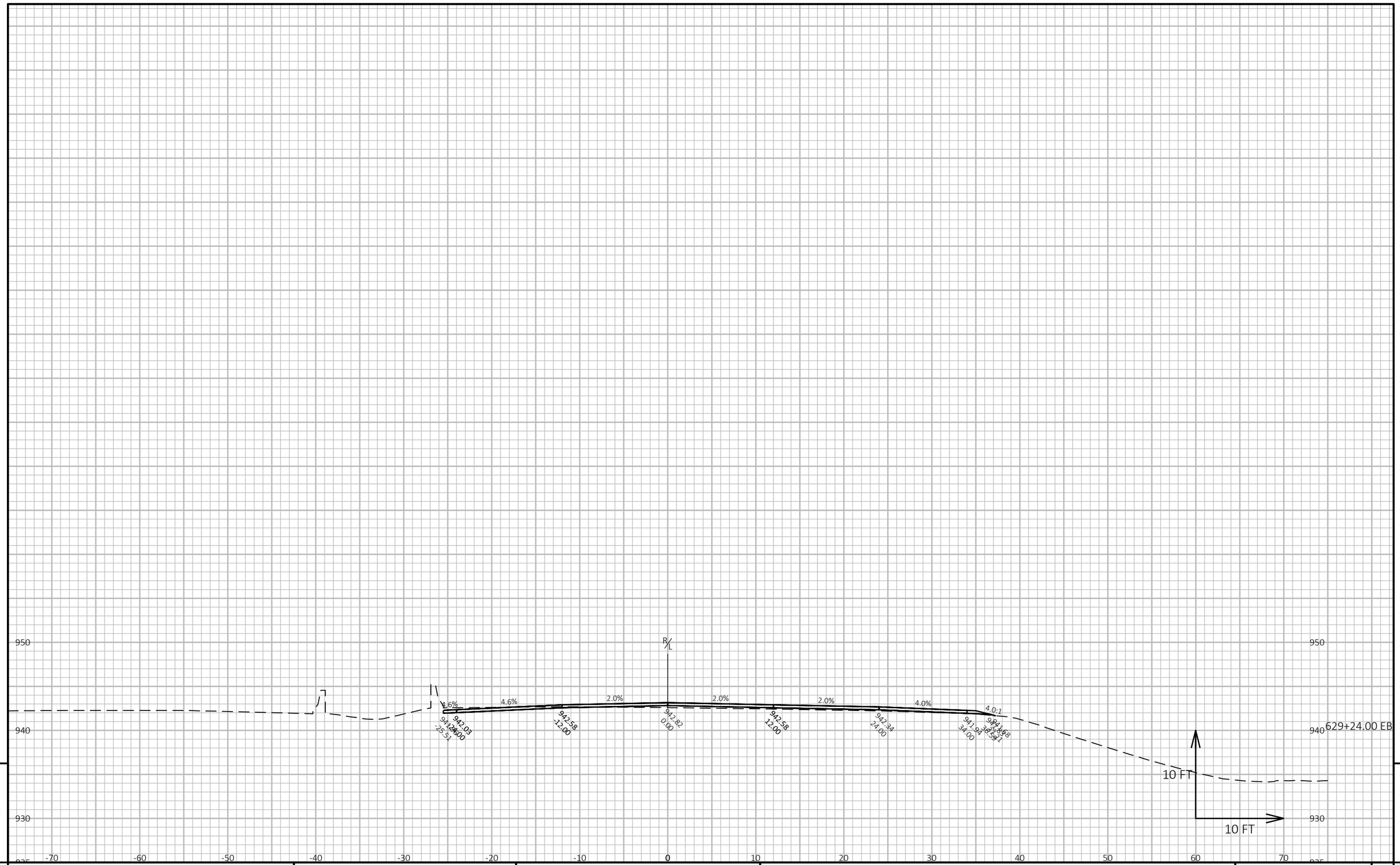
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 270	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 7/10/2024 3:20 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



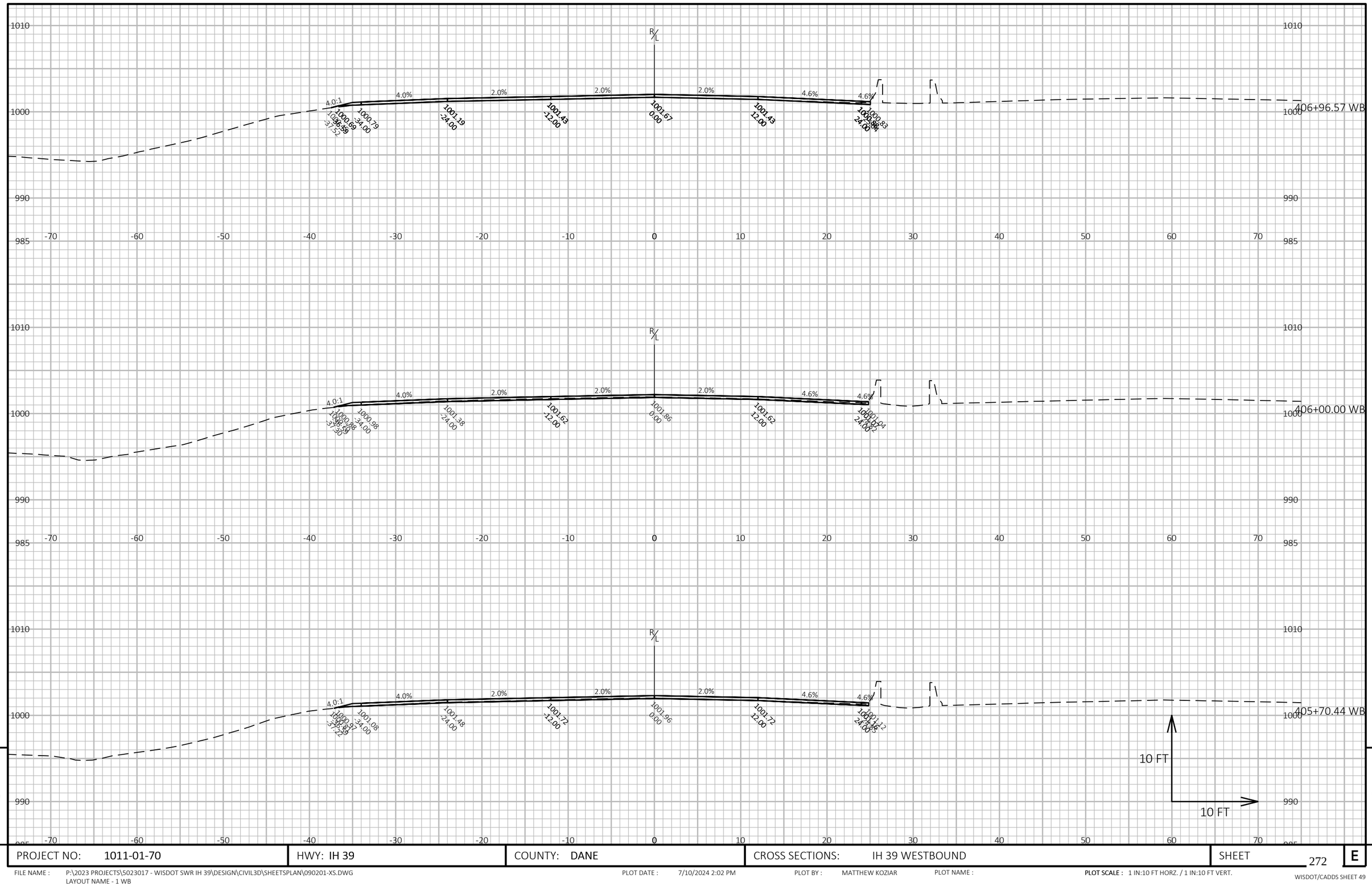
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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 EASTBOUND	SHEET 271	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/10/2024 3:22 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

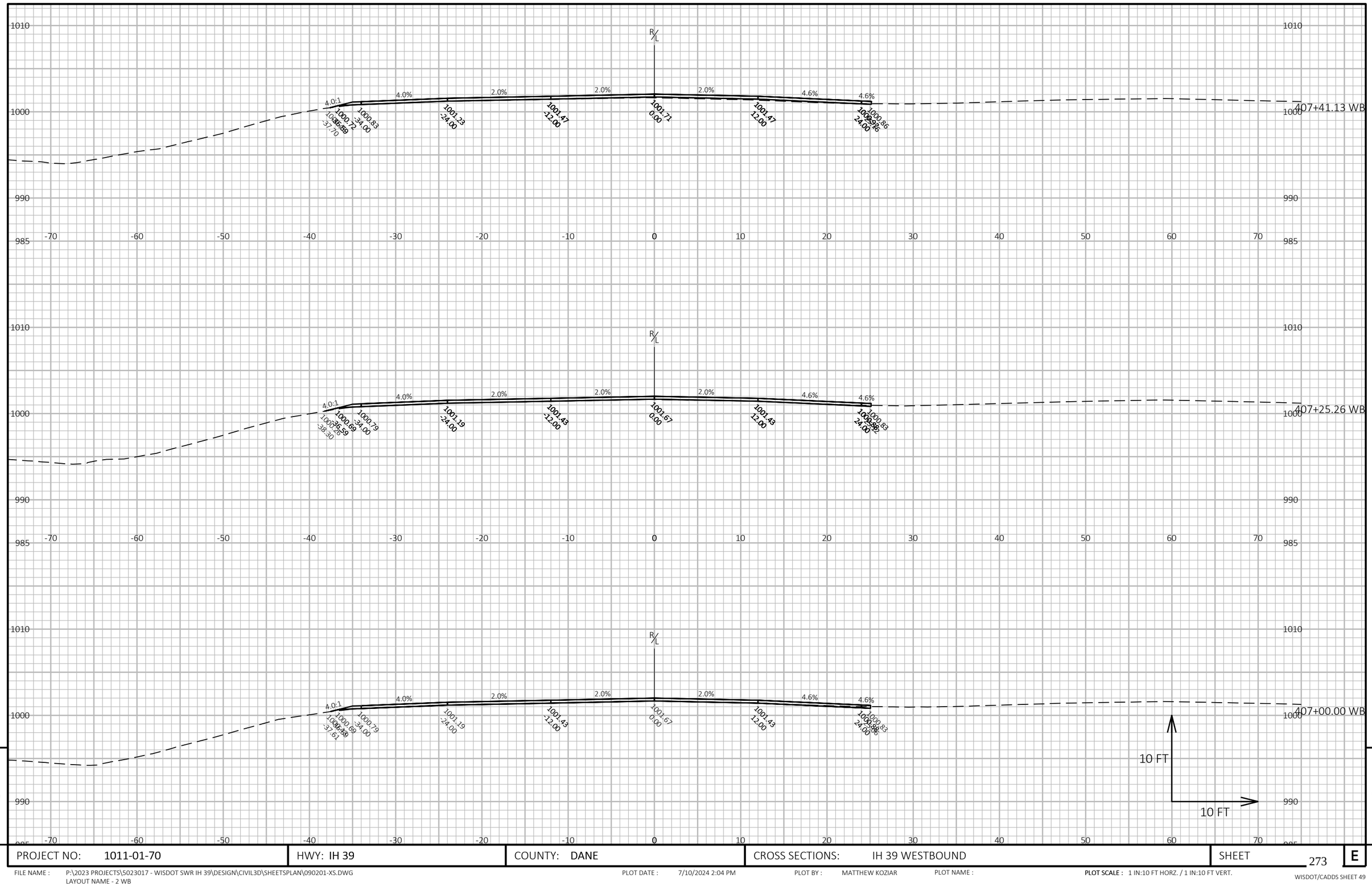


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 272 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 1 WB

PLOT DATE : 7/10/2024 2:02 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 273	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 2 WB

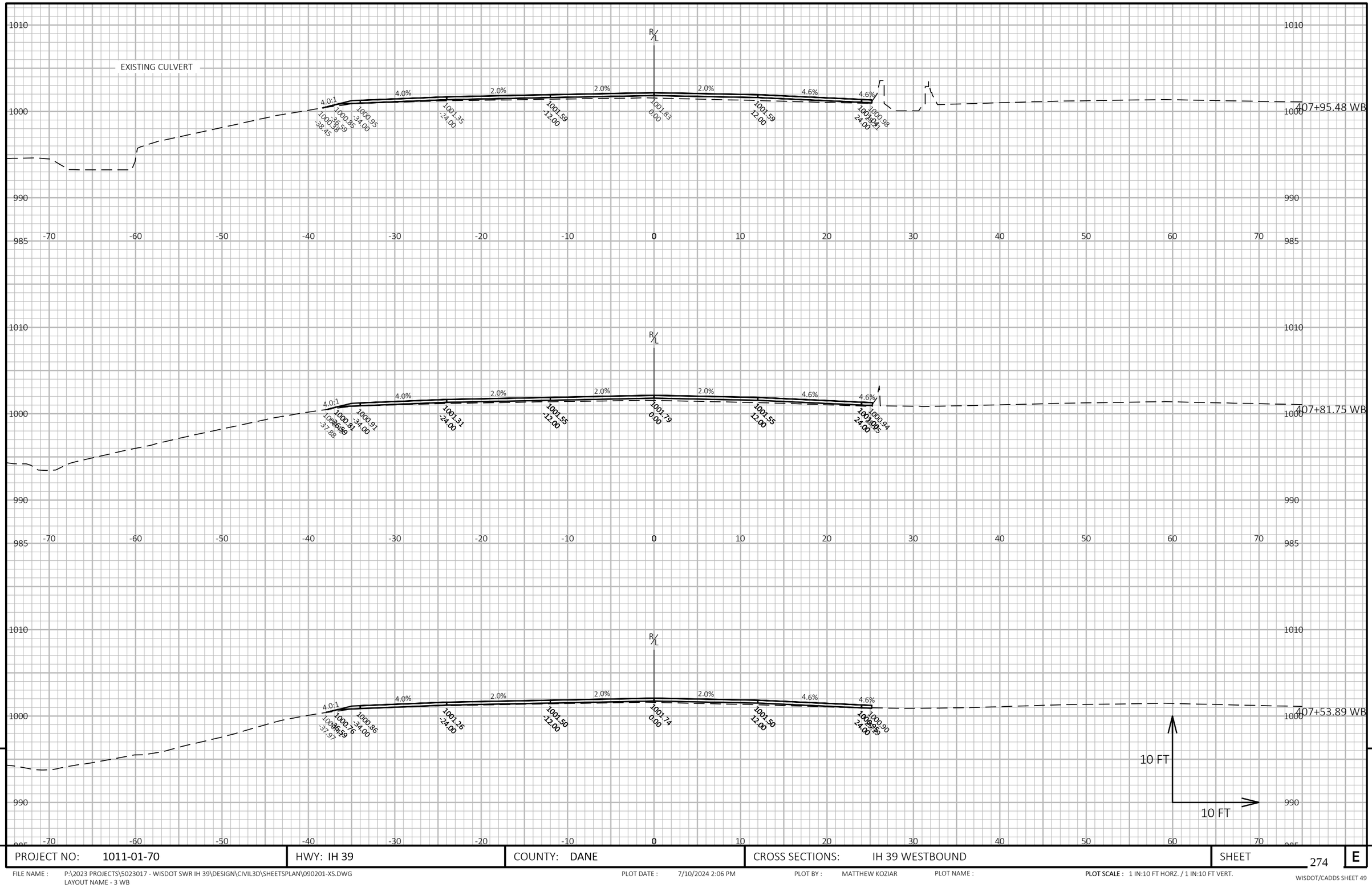
PLOT DATE : 7/10/2024 2:04 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



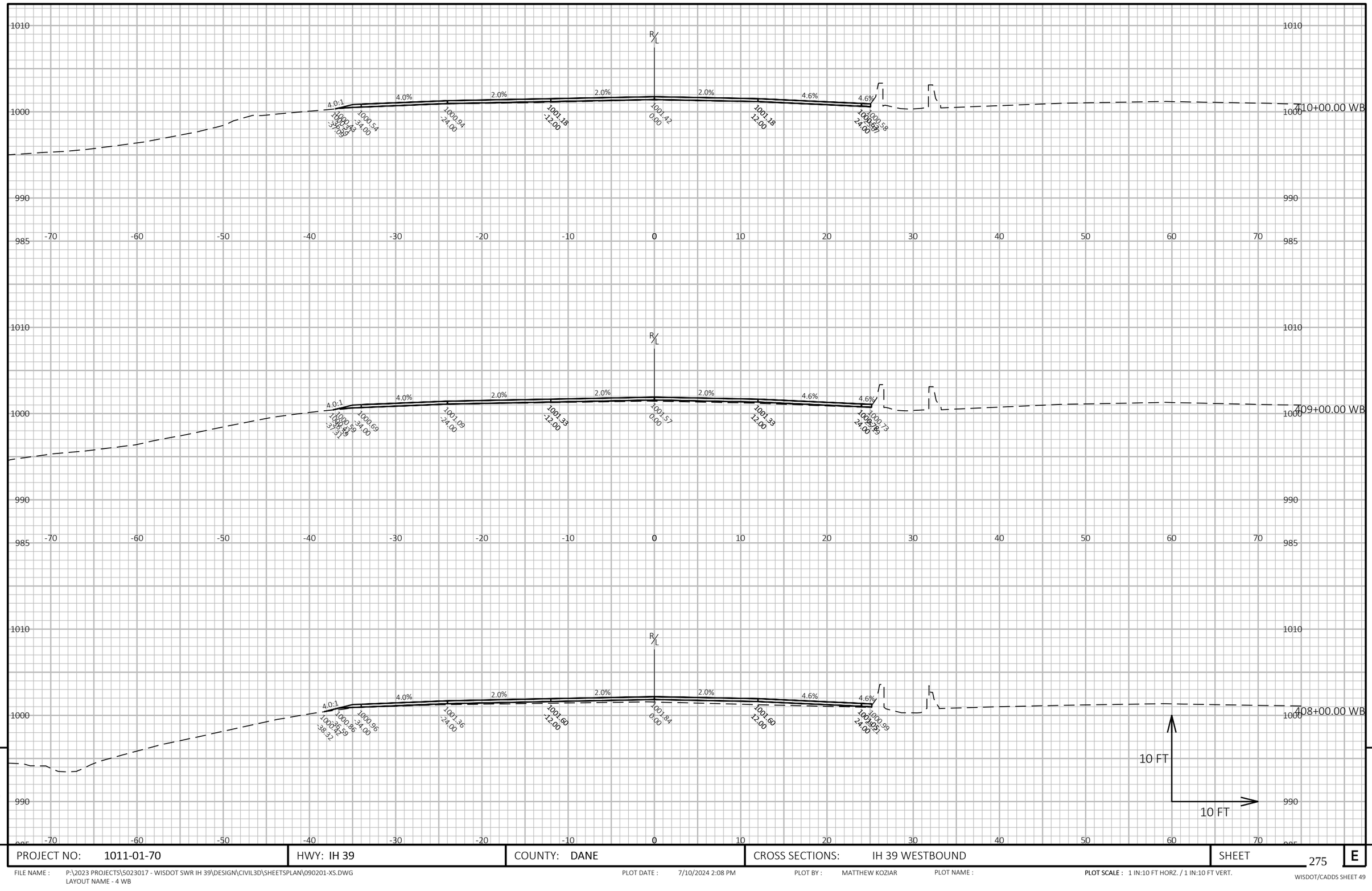
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 274	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 3 WB

PLOT DATE : 7/10/2024 2:06 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



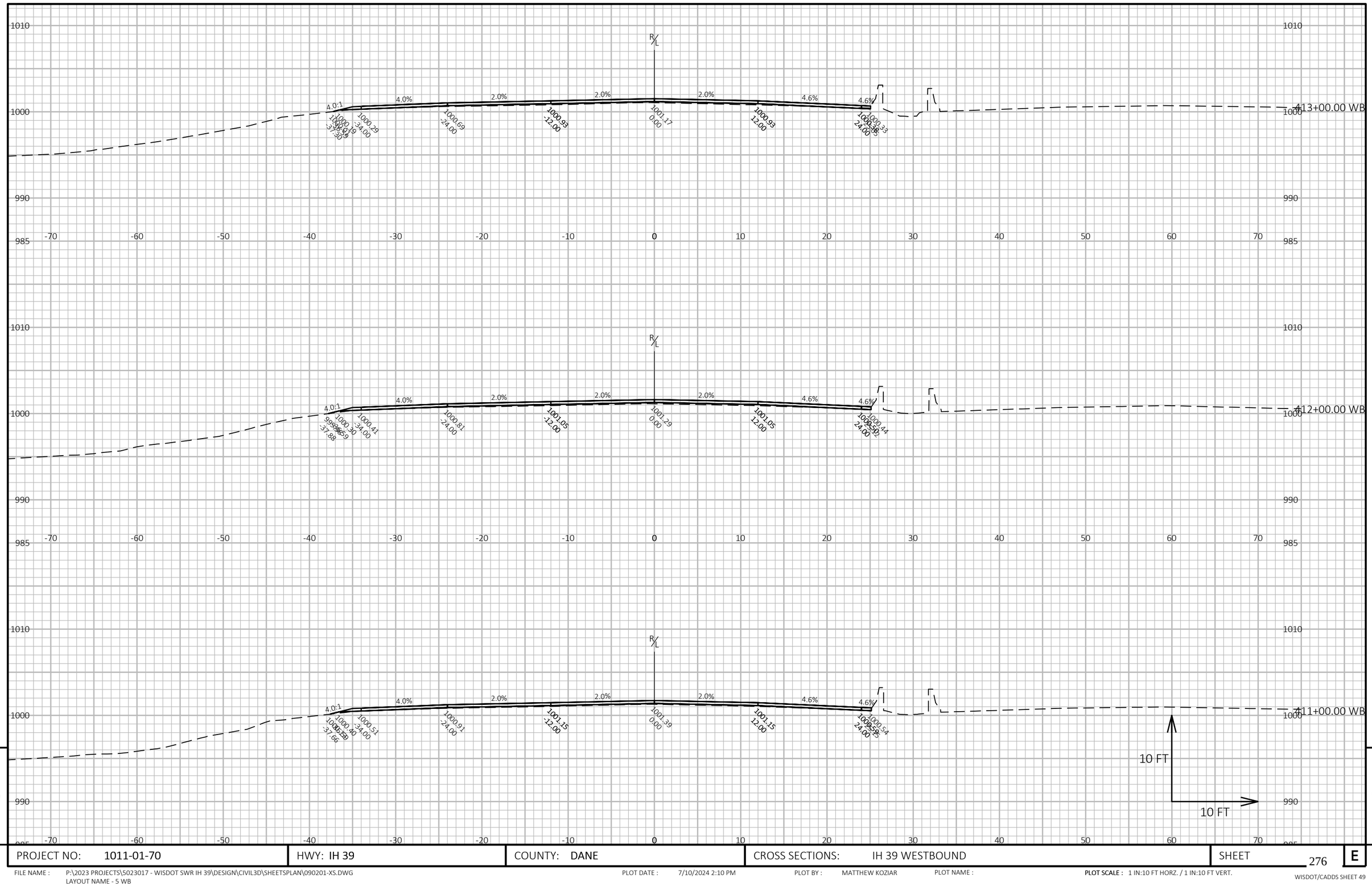
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 275	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 4 WB

PLOT DATE : 7/10/2024 2:08 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

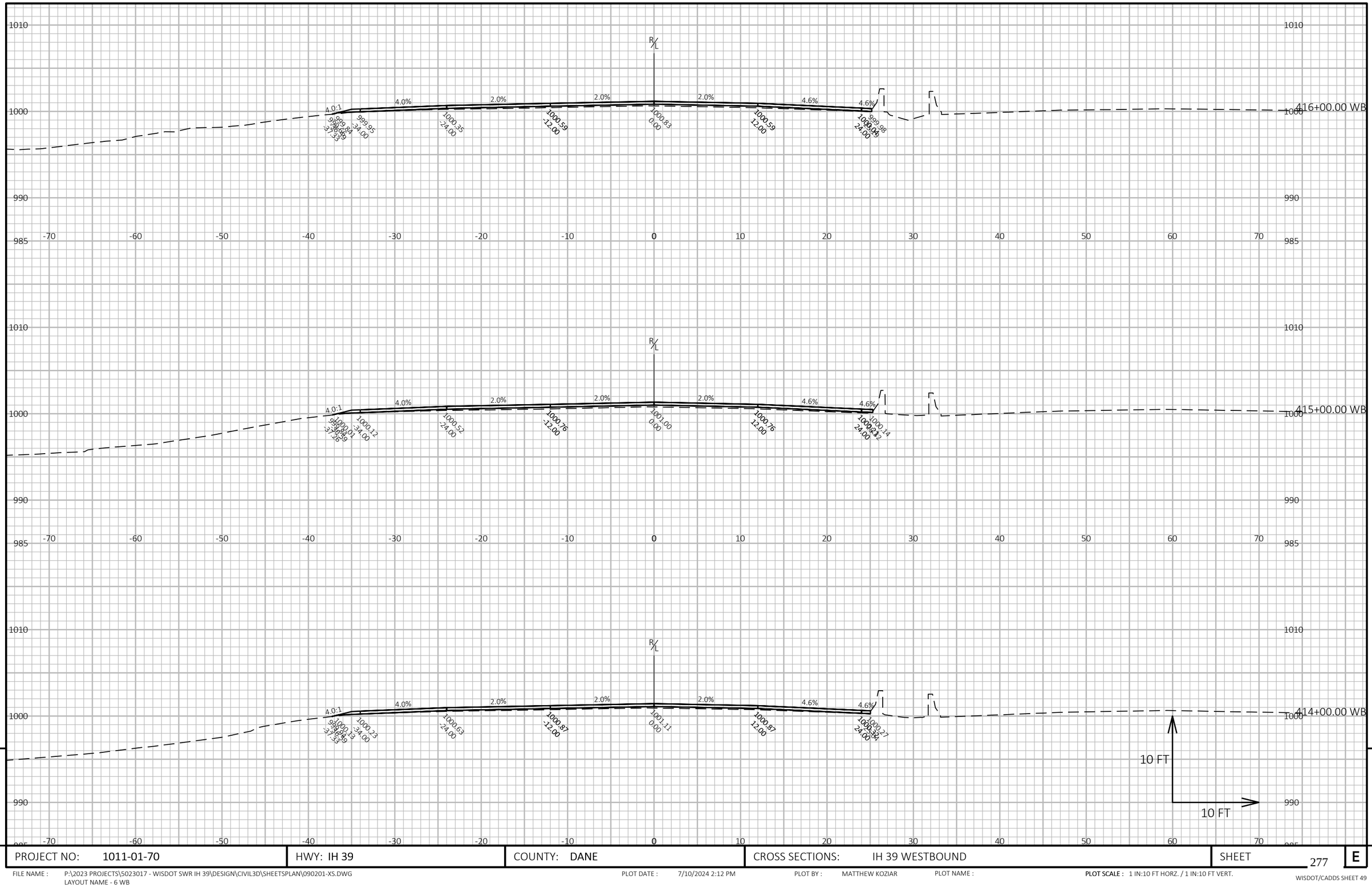


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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 276	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 5 WB

PLOT DATE : 7/10/2024 2:10 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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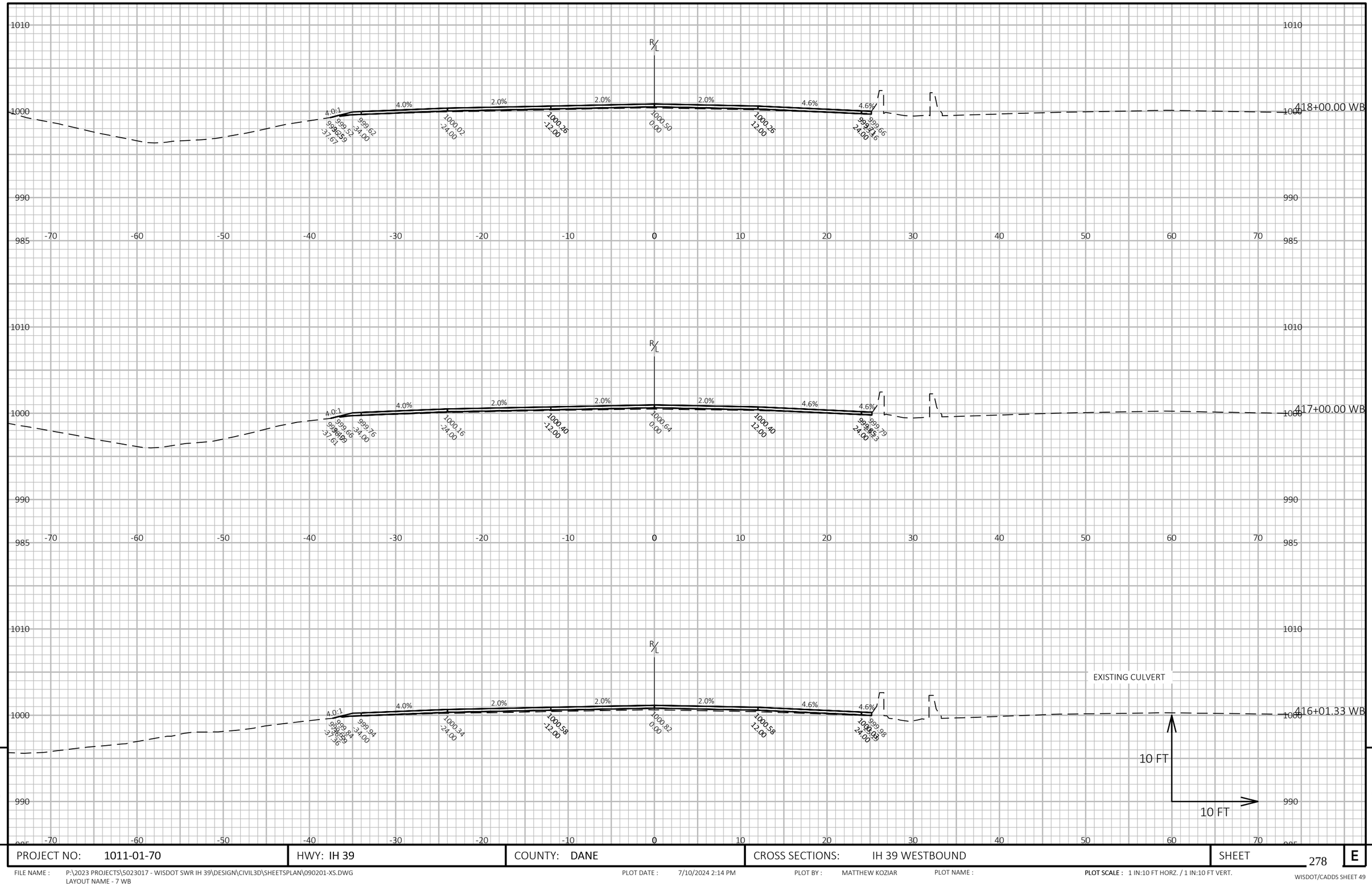
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 277	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 6 WB

PLOT DATE : 7/10/2024 2:12 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

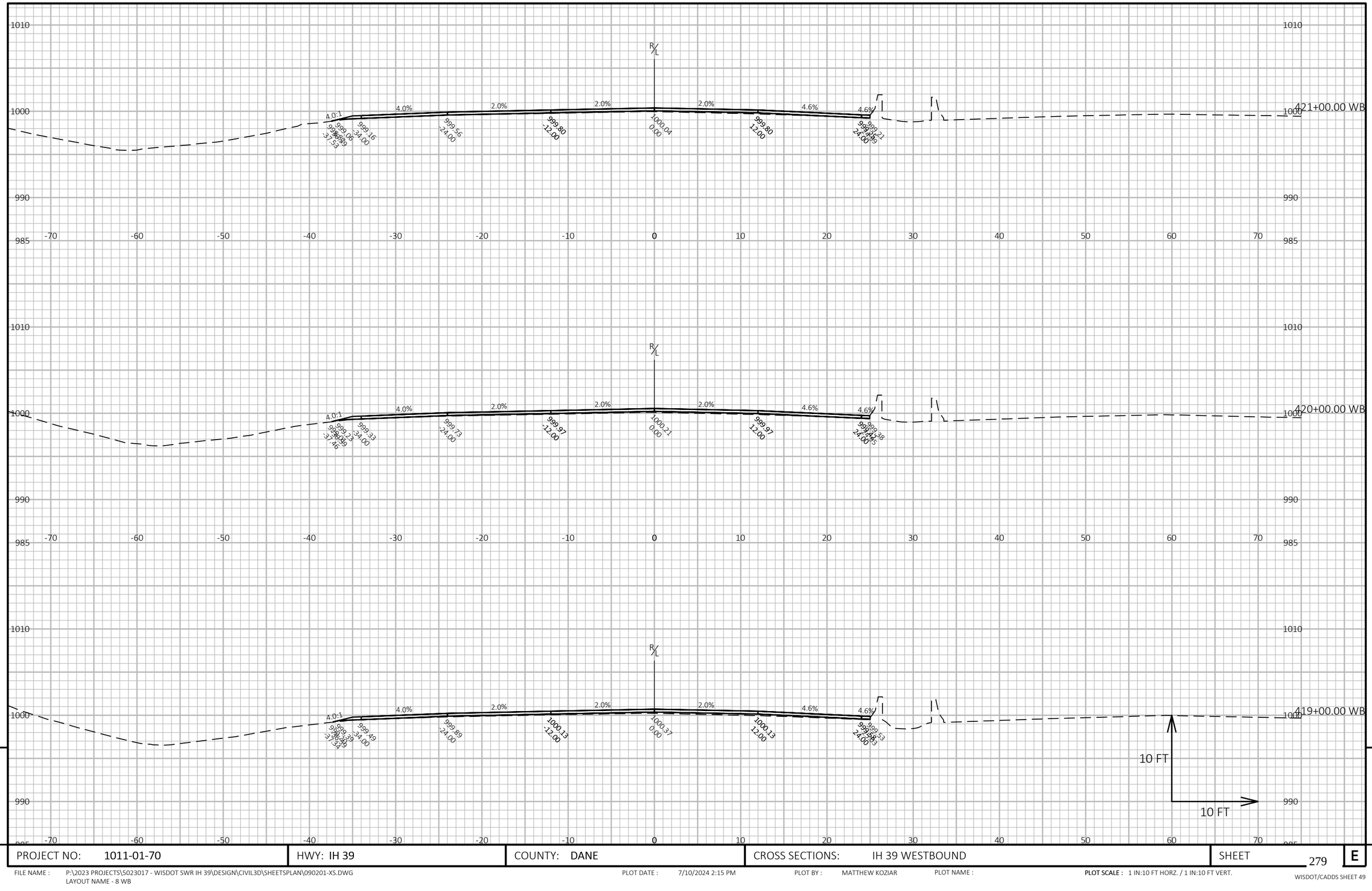


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 278	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 7 WB

PLOT DATE : 7/10/2024 2:14 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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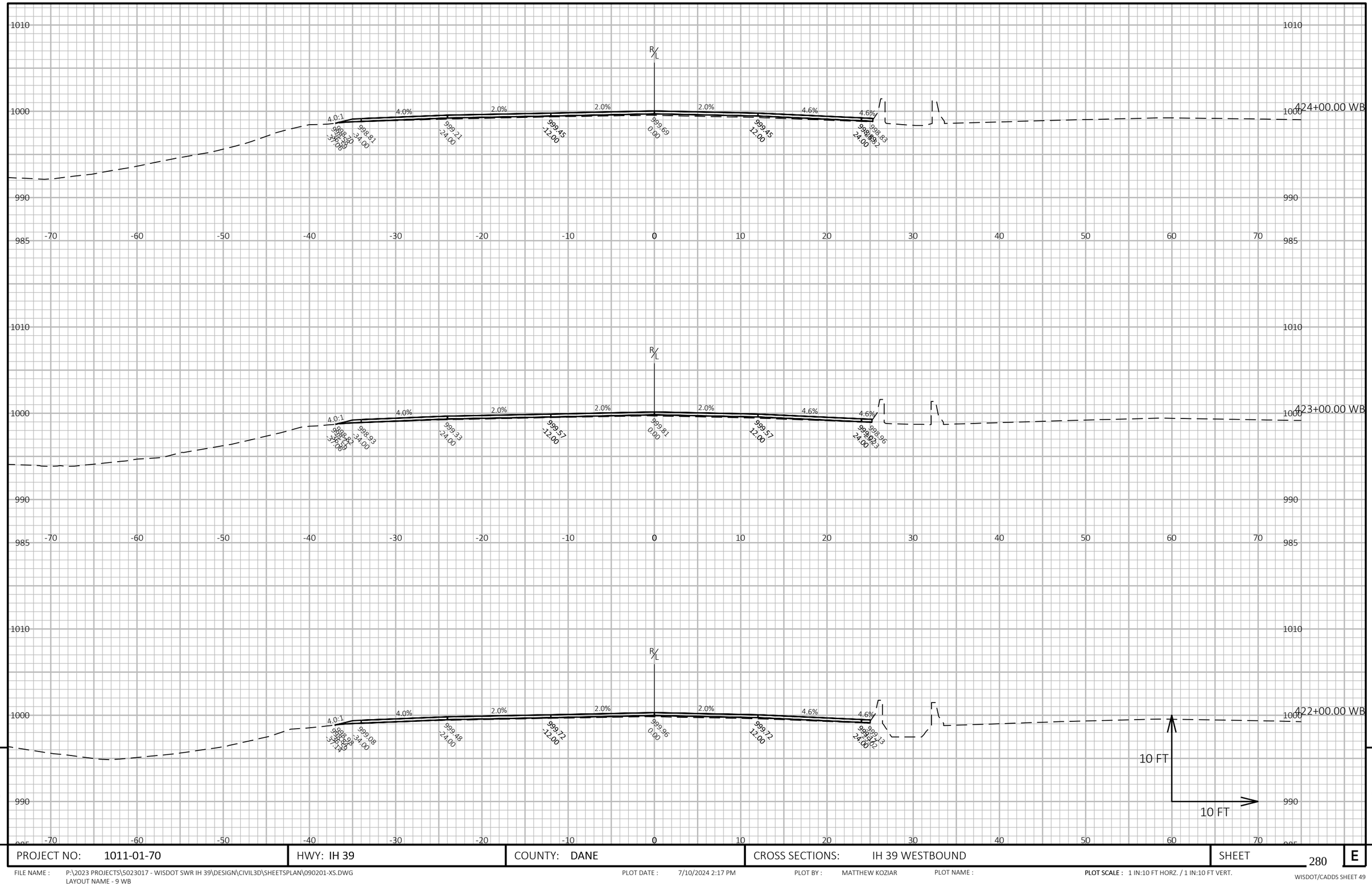
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 279	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 8 WB

PLOT DATE : 7/10/2024 2:15 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



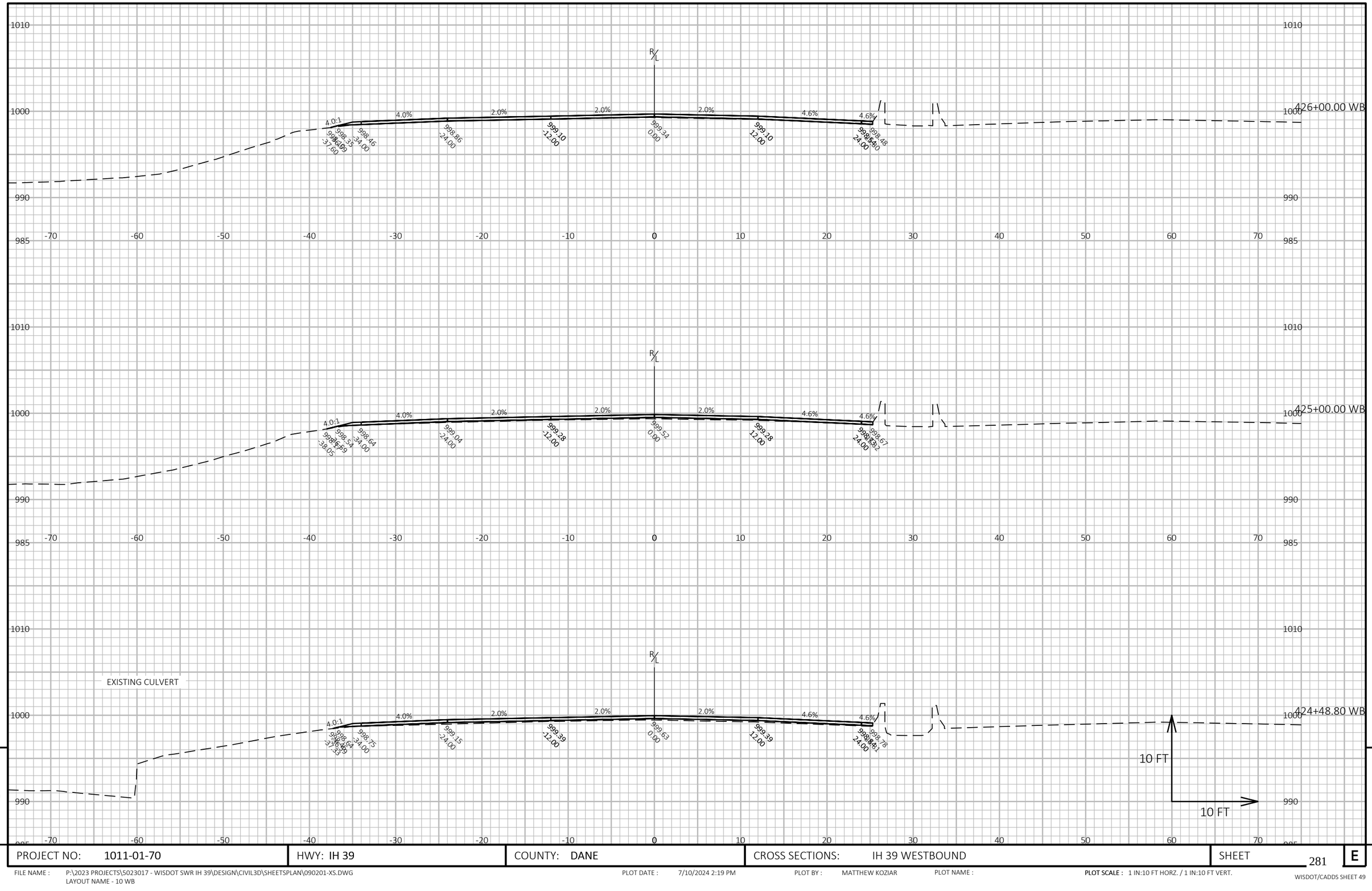
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 280	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 9 WB

PLOT DATE : 7/10/2024 2:17 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

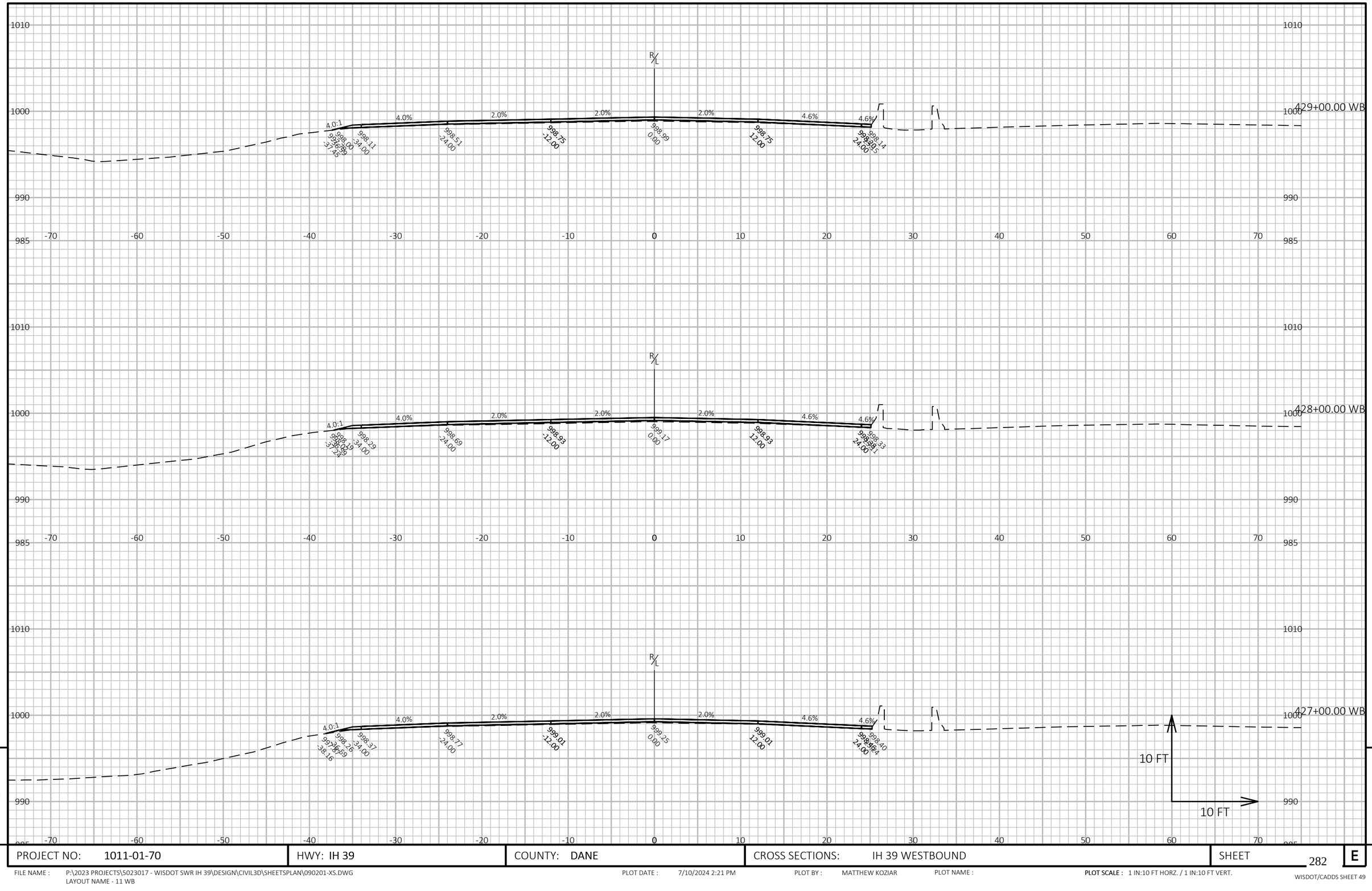


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 281	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10 WB

PLOT DATE : 7/10/2024 2:19 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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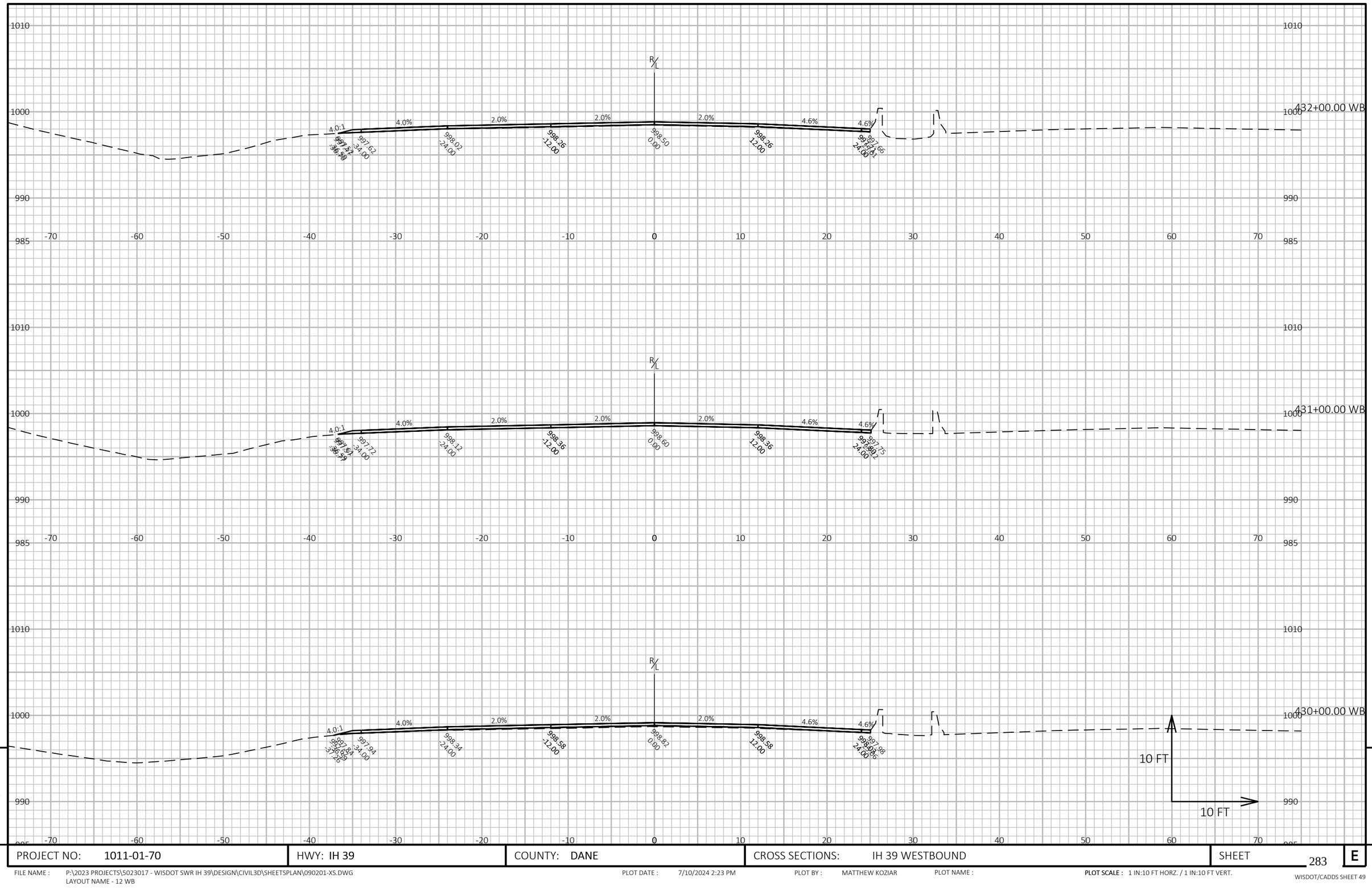
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 282	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11 WB

PLOT DATE : 7/10/2024 2:21 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



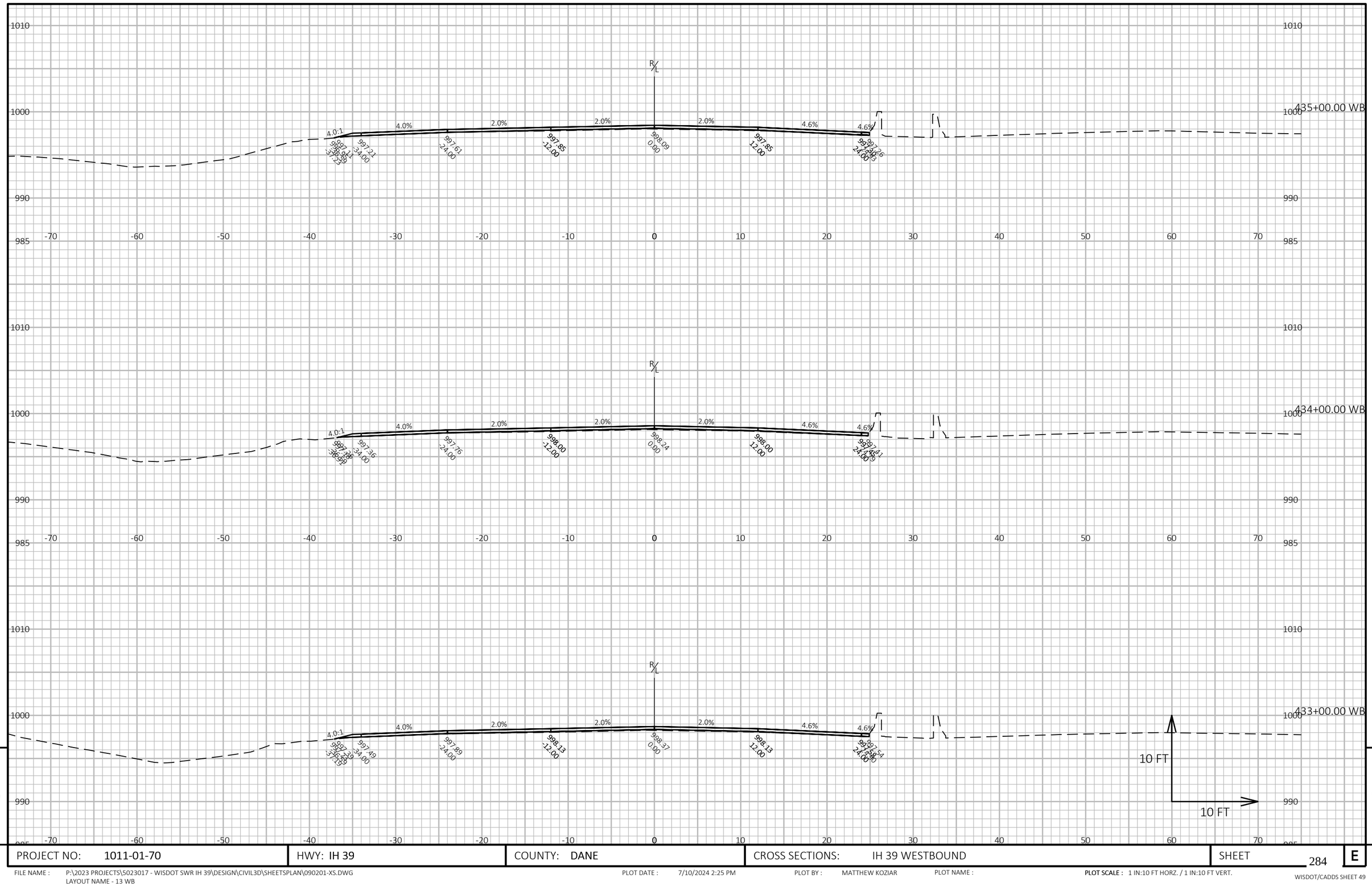
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 283	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 12 WB

PLOT DATE : 7/10/2024 2:23 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



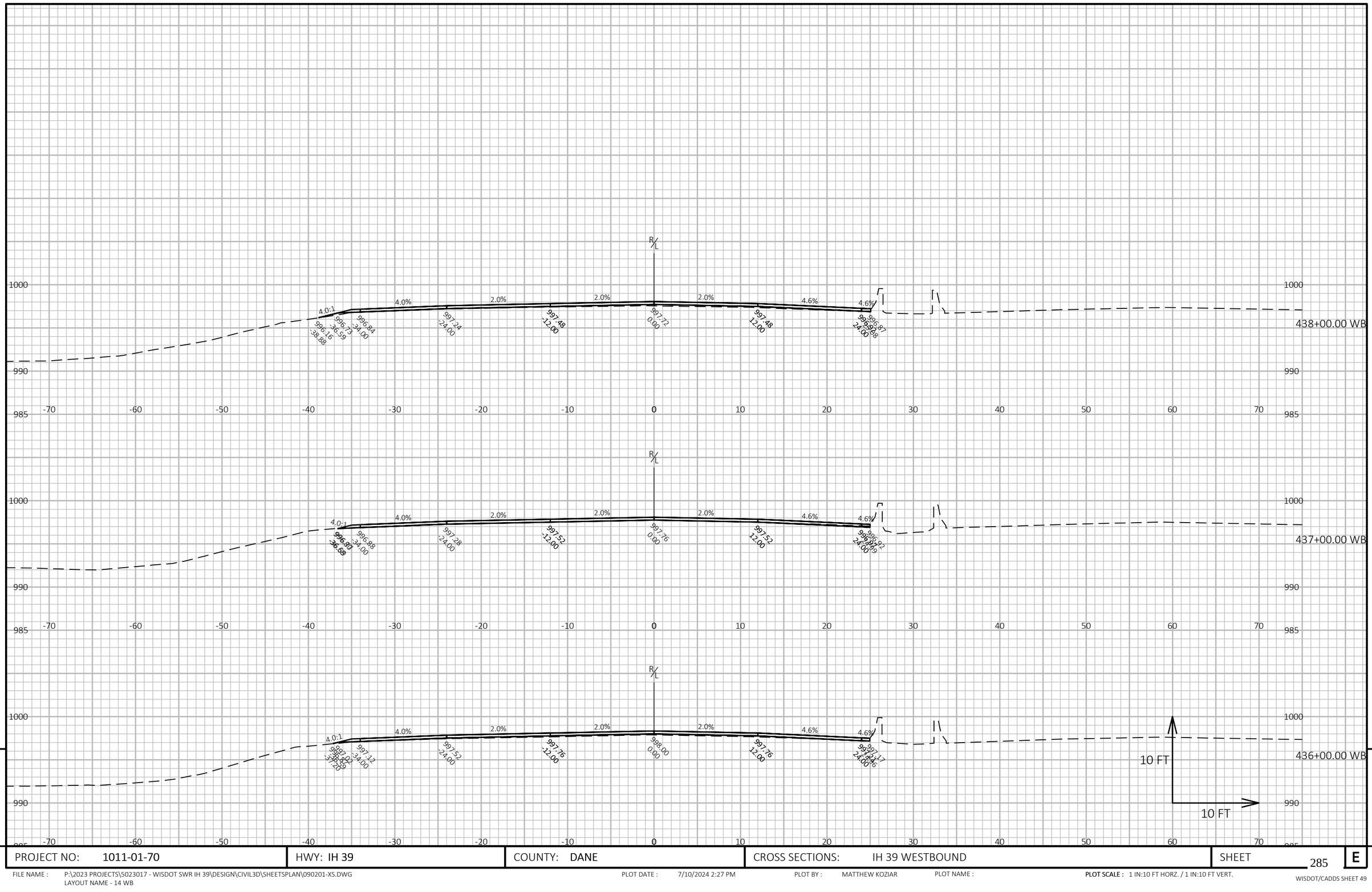
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 284	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 13 WB

PLOT DATE : 7/10/2024 2:25 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

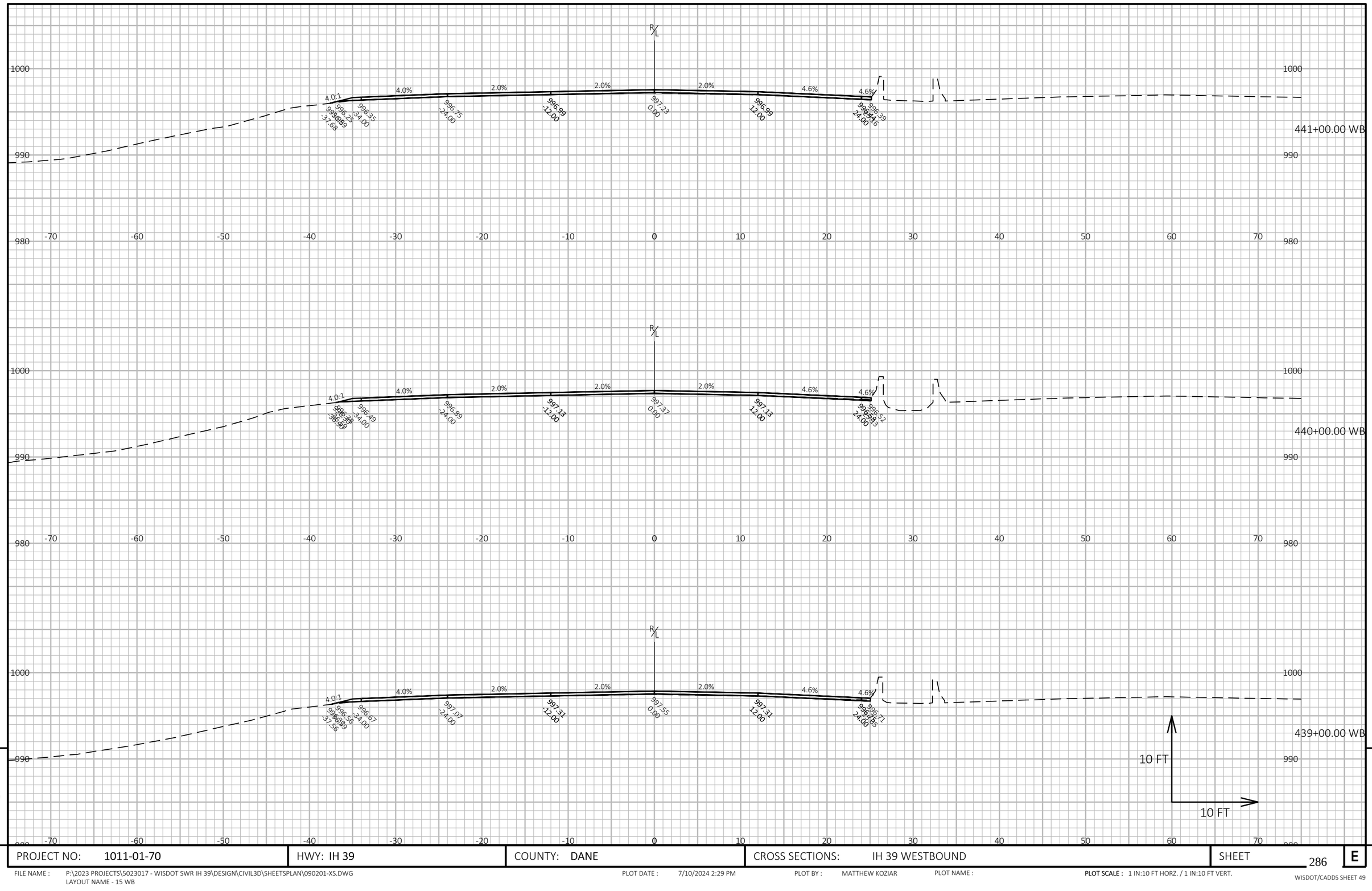


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 285	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 14 WB

PLOT DATE : 7/10/2024 2:27 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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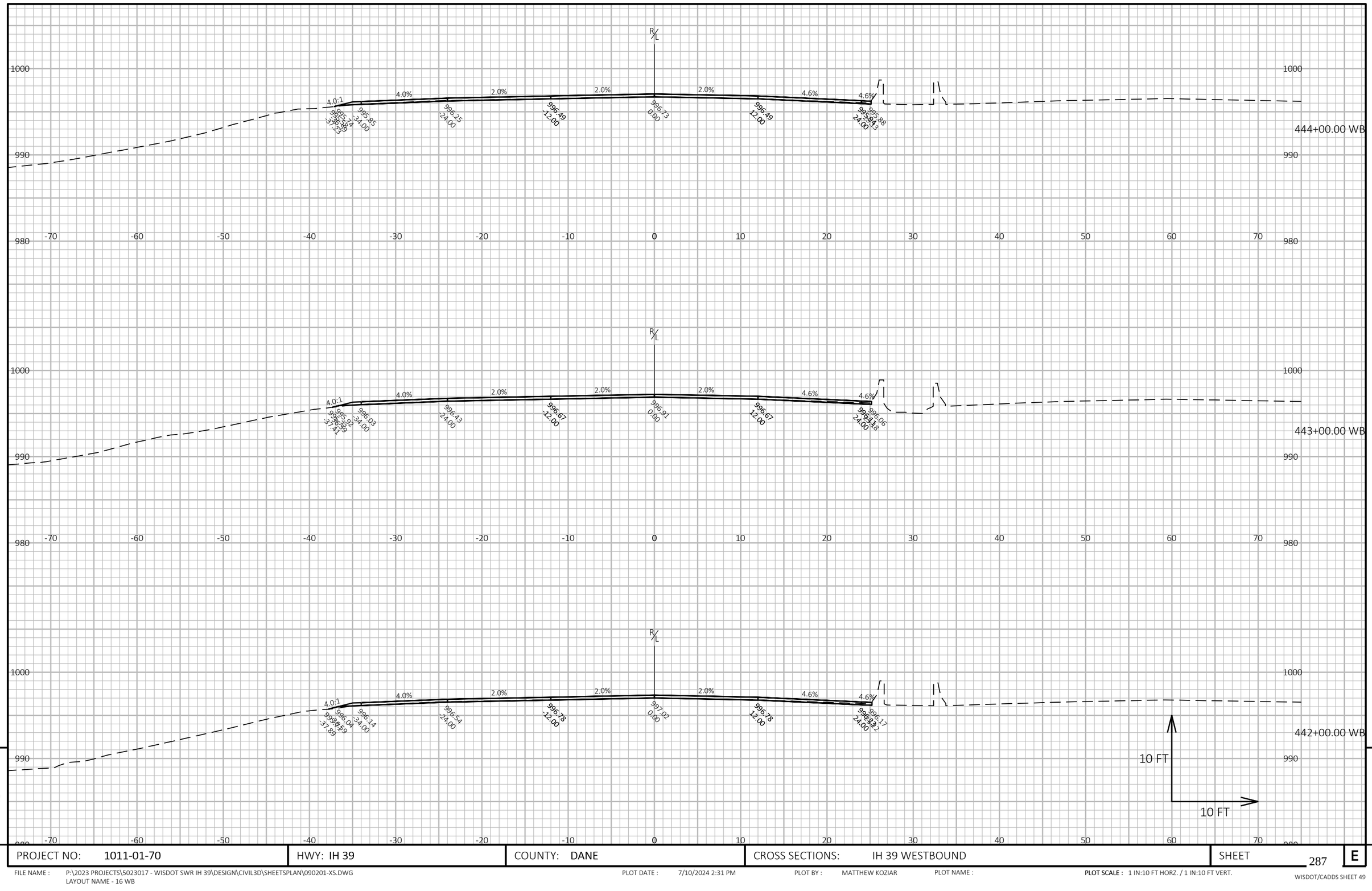
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 286	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 15 WB

PLOT DATE : 7/10/2024 2:29 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

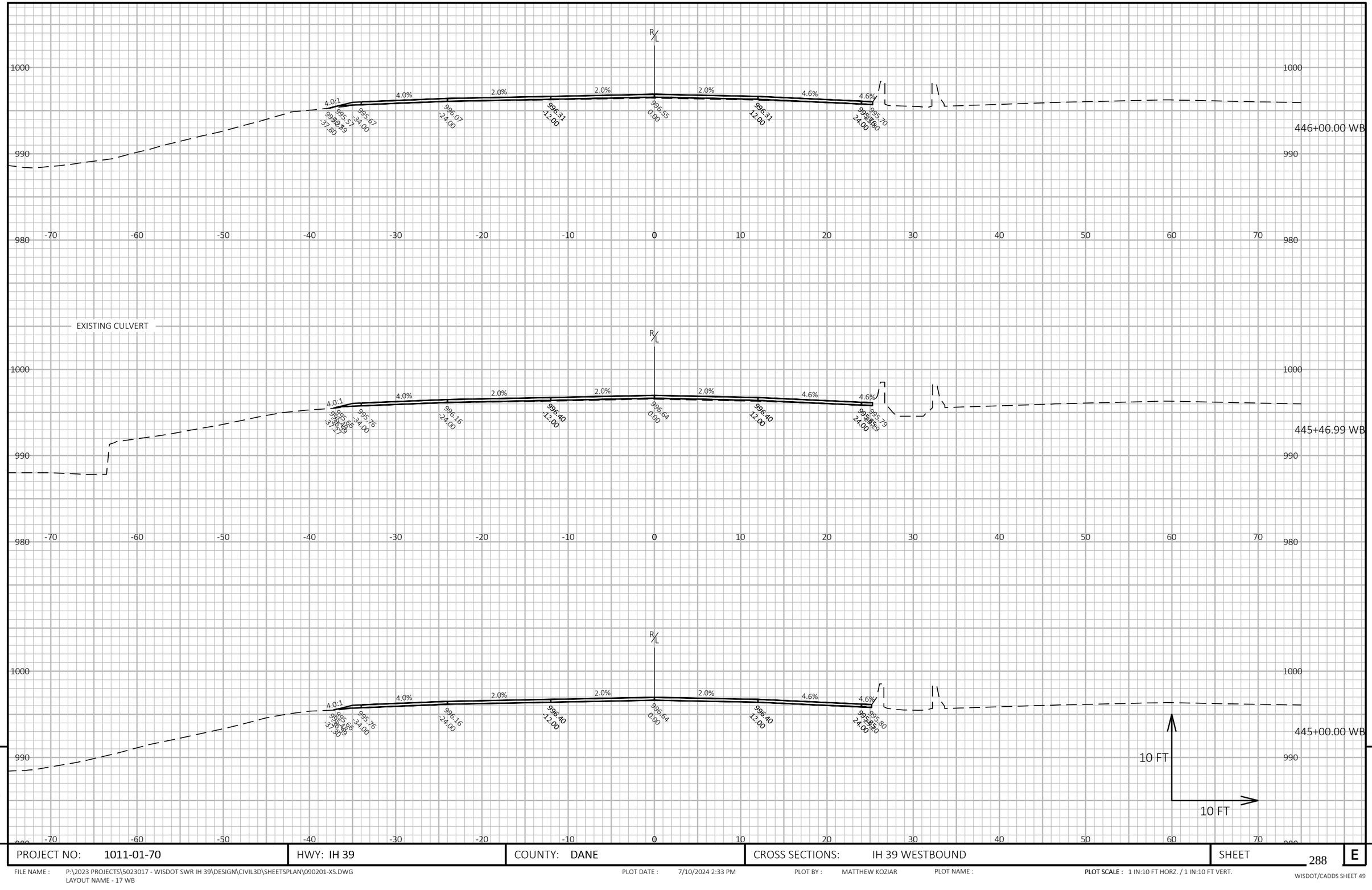
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 287	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 16 WB

PLOT DATE : 7/10/2024 2:31 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

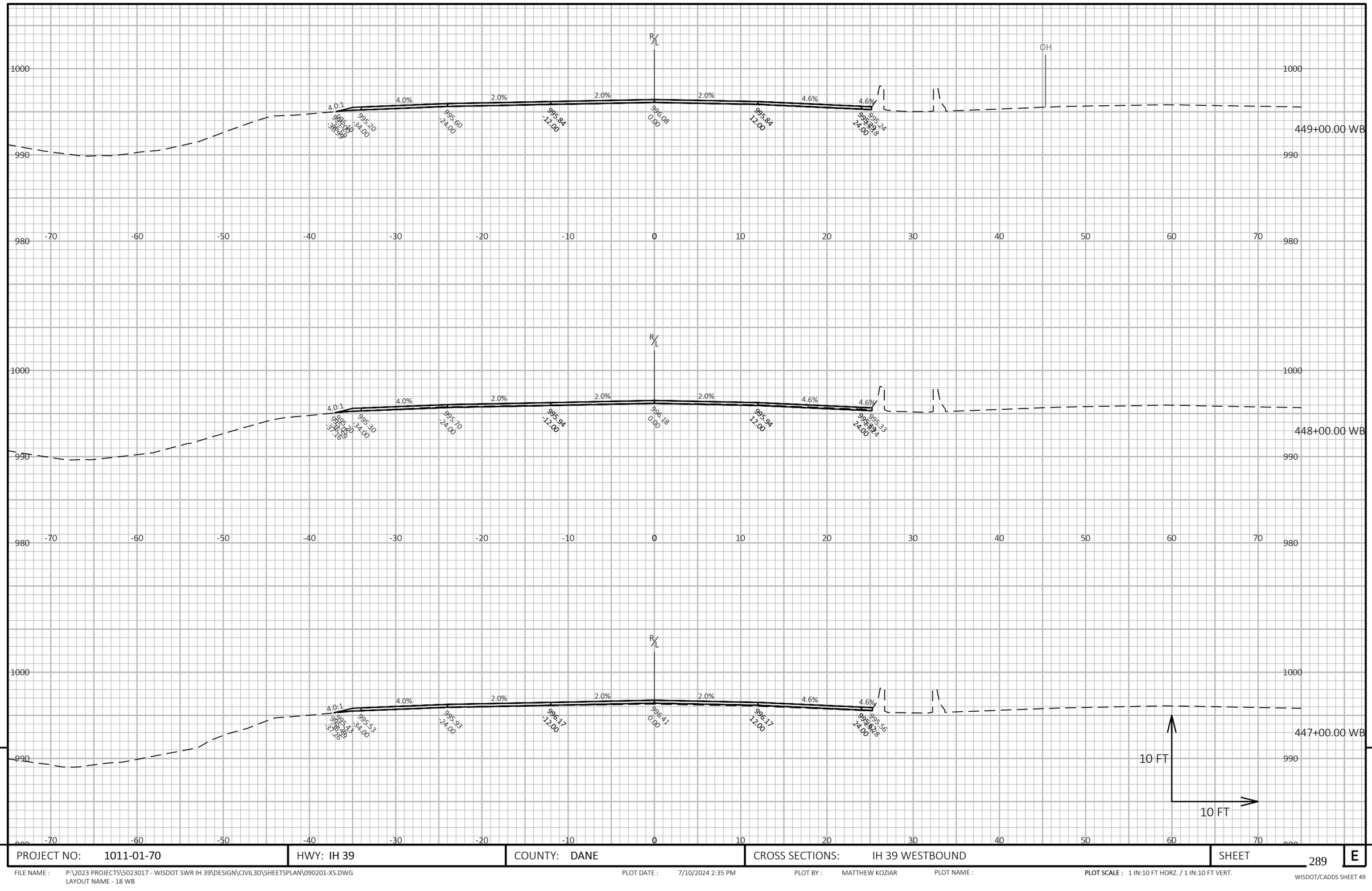


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 288	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 17 WB

PLOT DATE : 7/10/2024 2:33 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

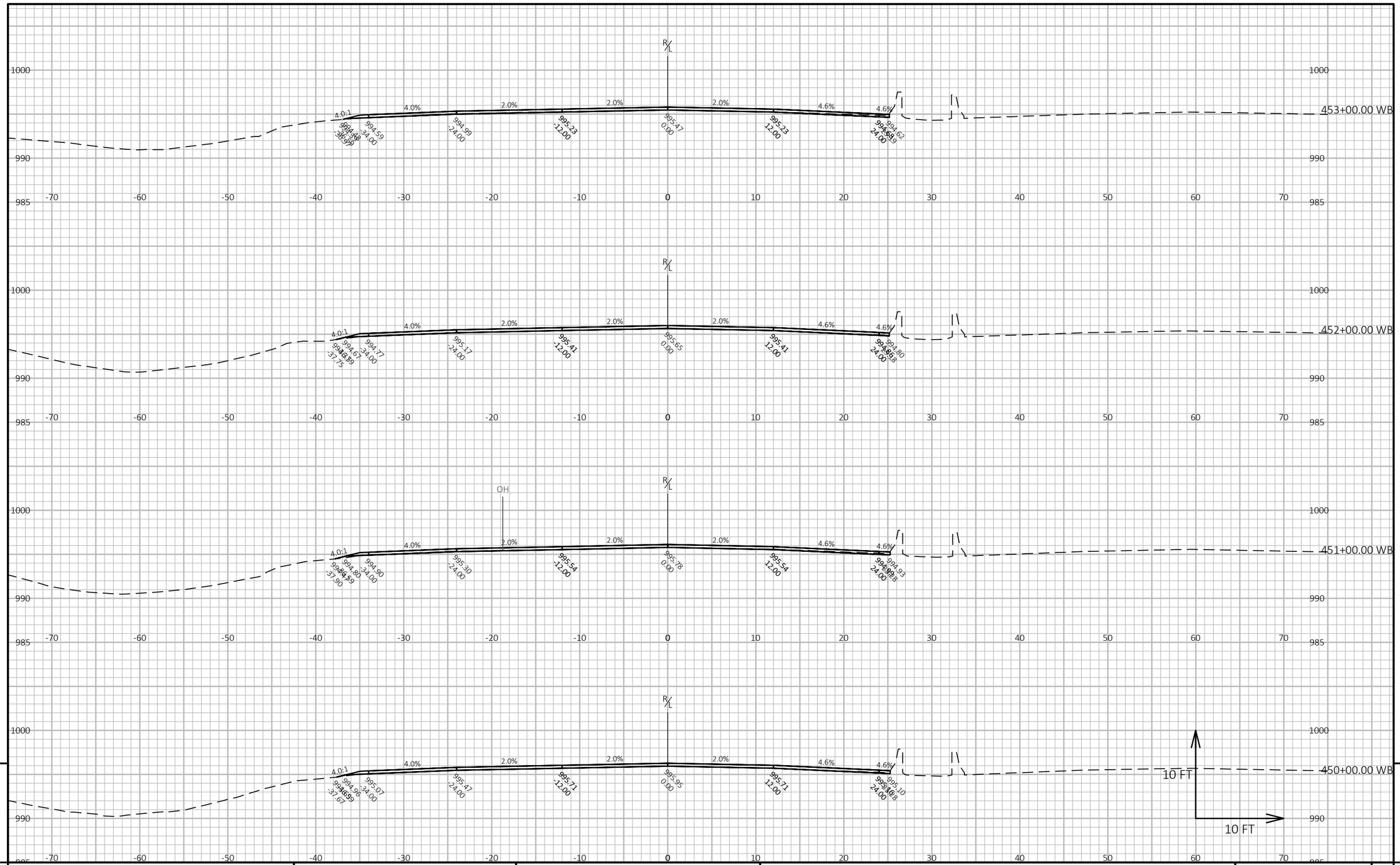
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 289	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 18 WB

PLOT DATE : 7/10/2024 2:35 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

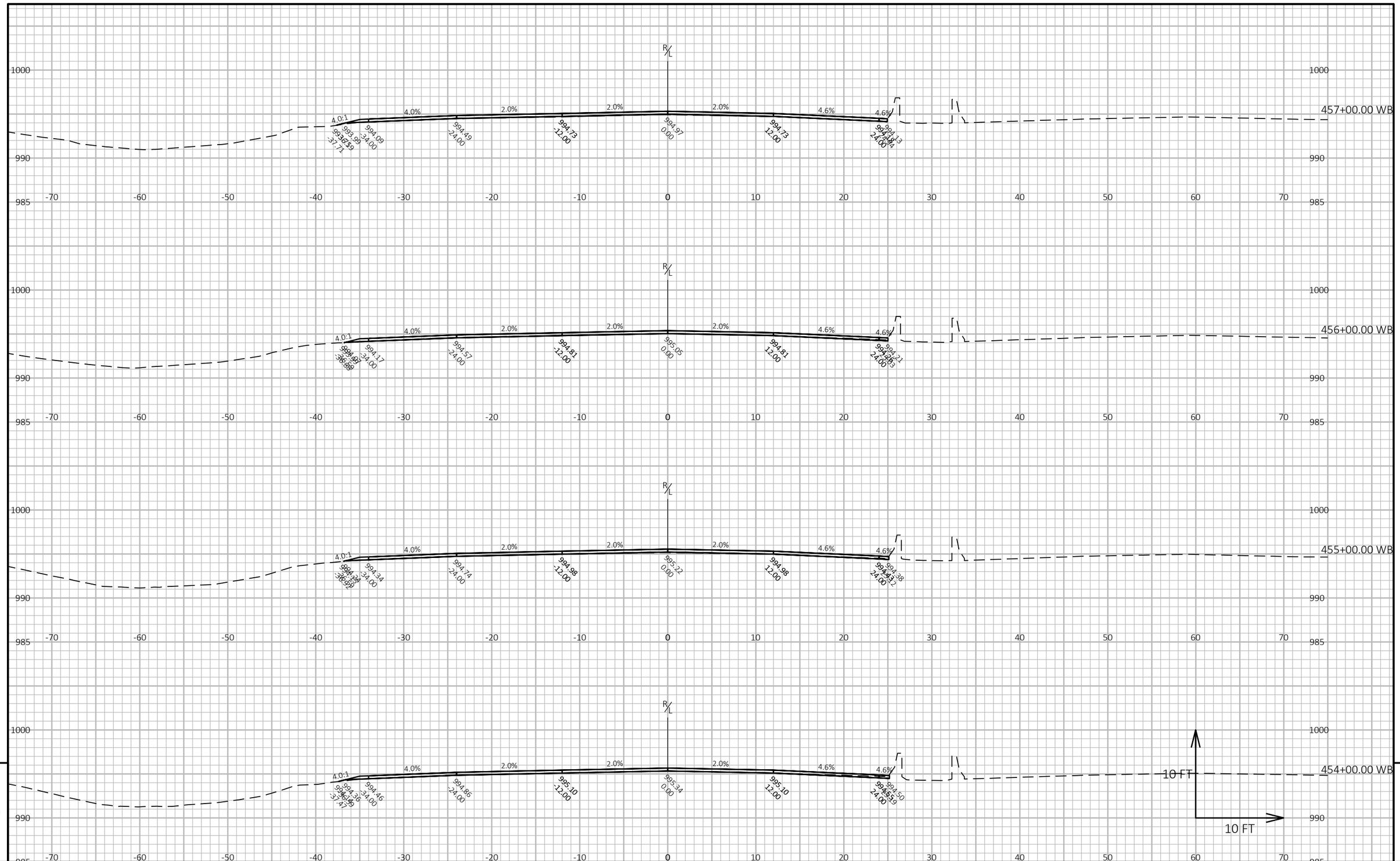
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 290	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 19 WB

PLOT DATE : 7/10/2024 2:37 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

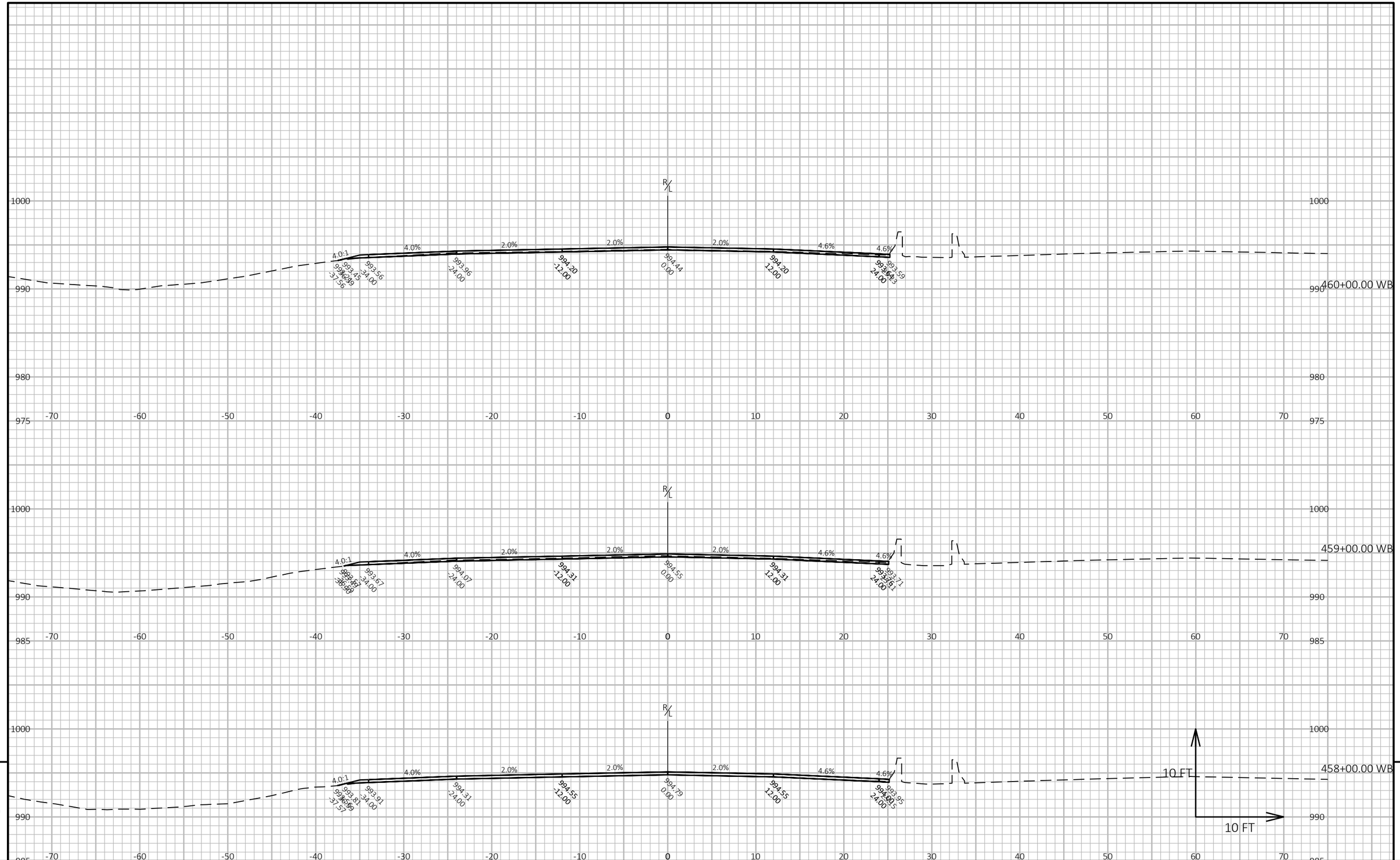


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 291 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 20 WB

PLOT DATE : 7/10/2024 2:39 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

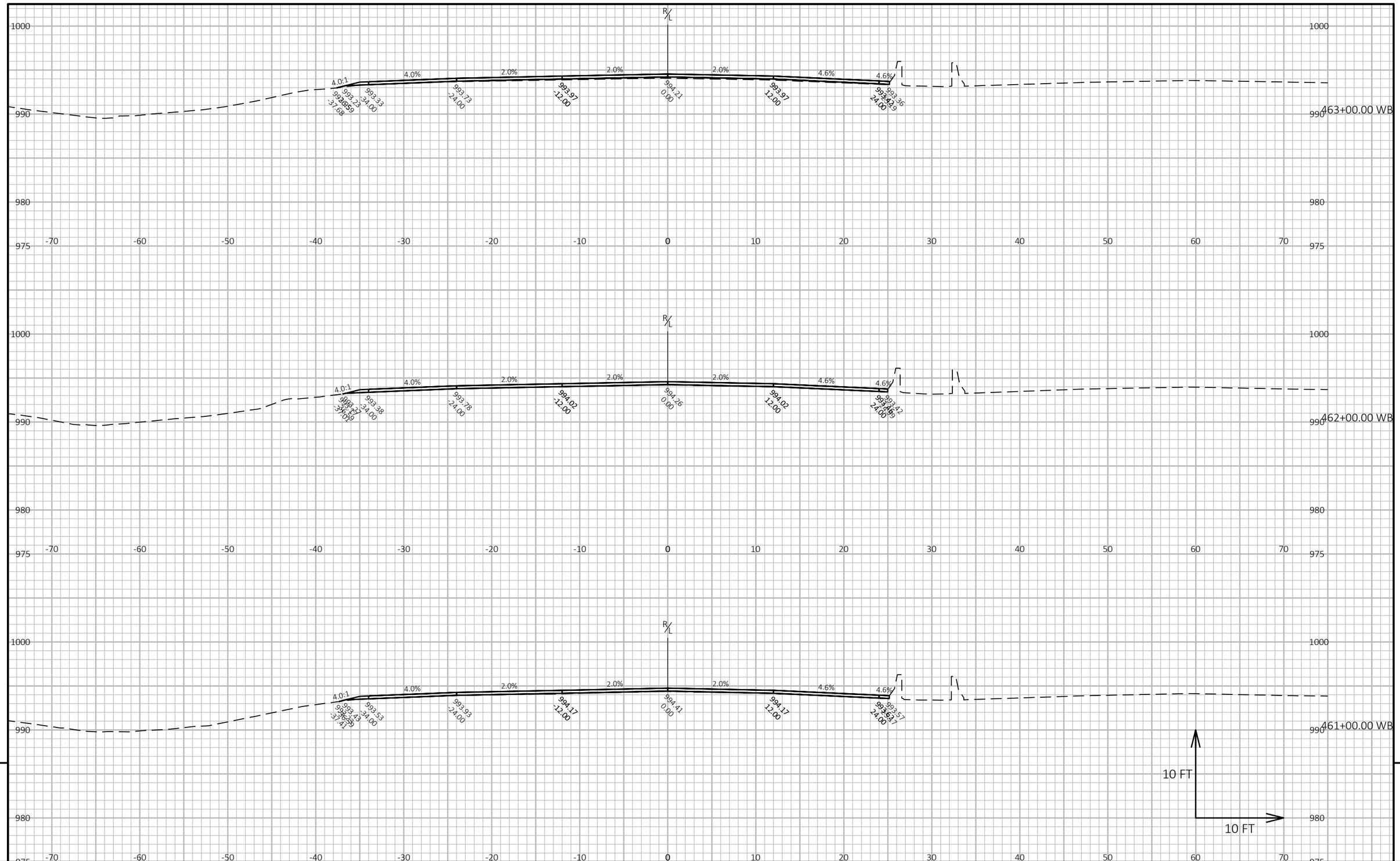
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 292	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 21 WB

PLOT DATE : 7/10/2024 2:40 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

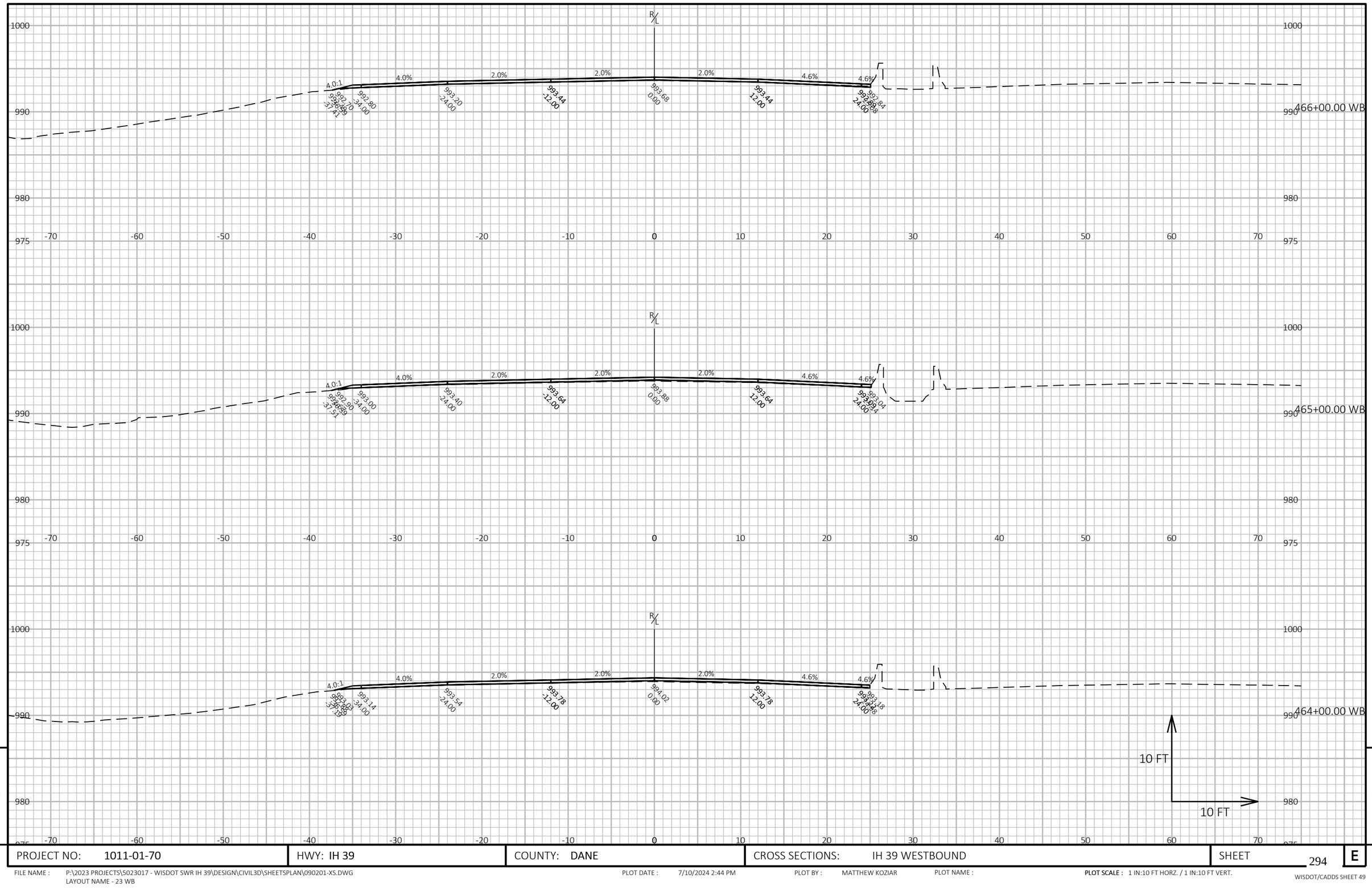
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 293	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 22 WB

PLOT DATE : 7/10/2024 2:42 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



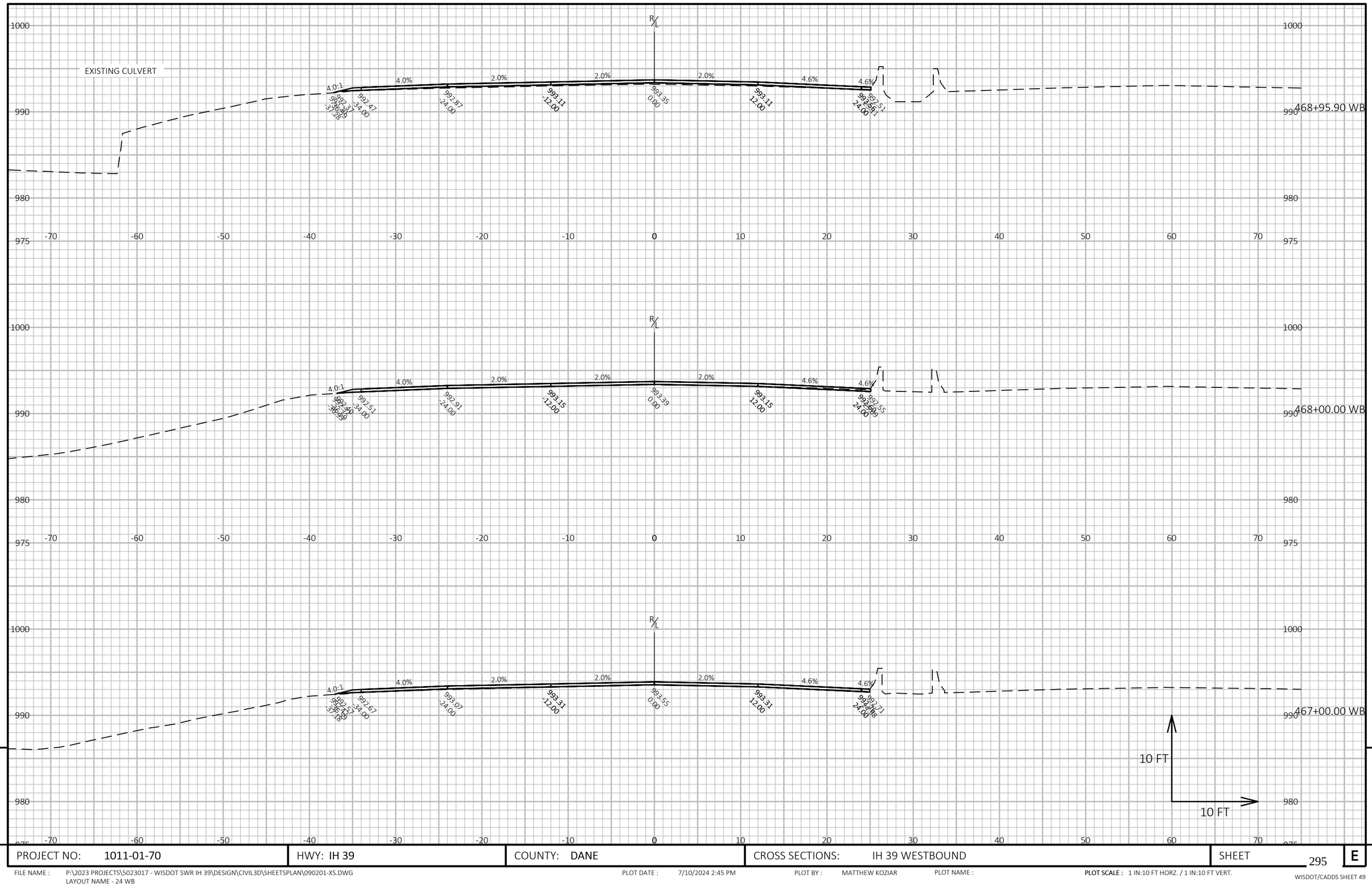
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 294	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 23 WB

PLOT DATE : 7/10/2024 2:44 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

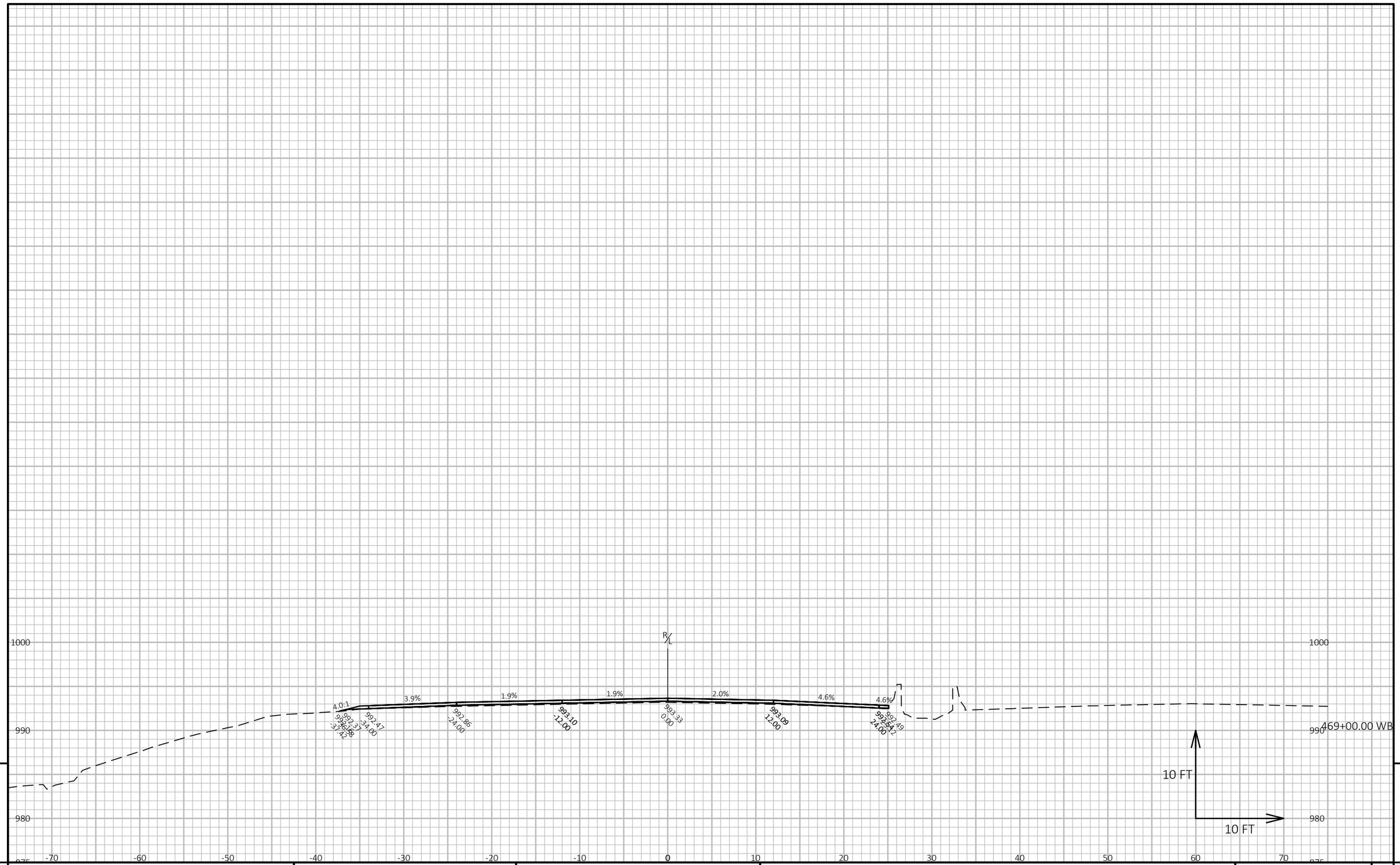
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 295	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 24 WB

PLOT DATE : 7/10/2024 2:45 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 296	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 25 WB

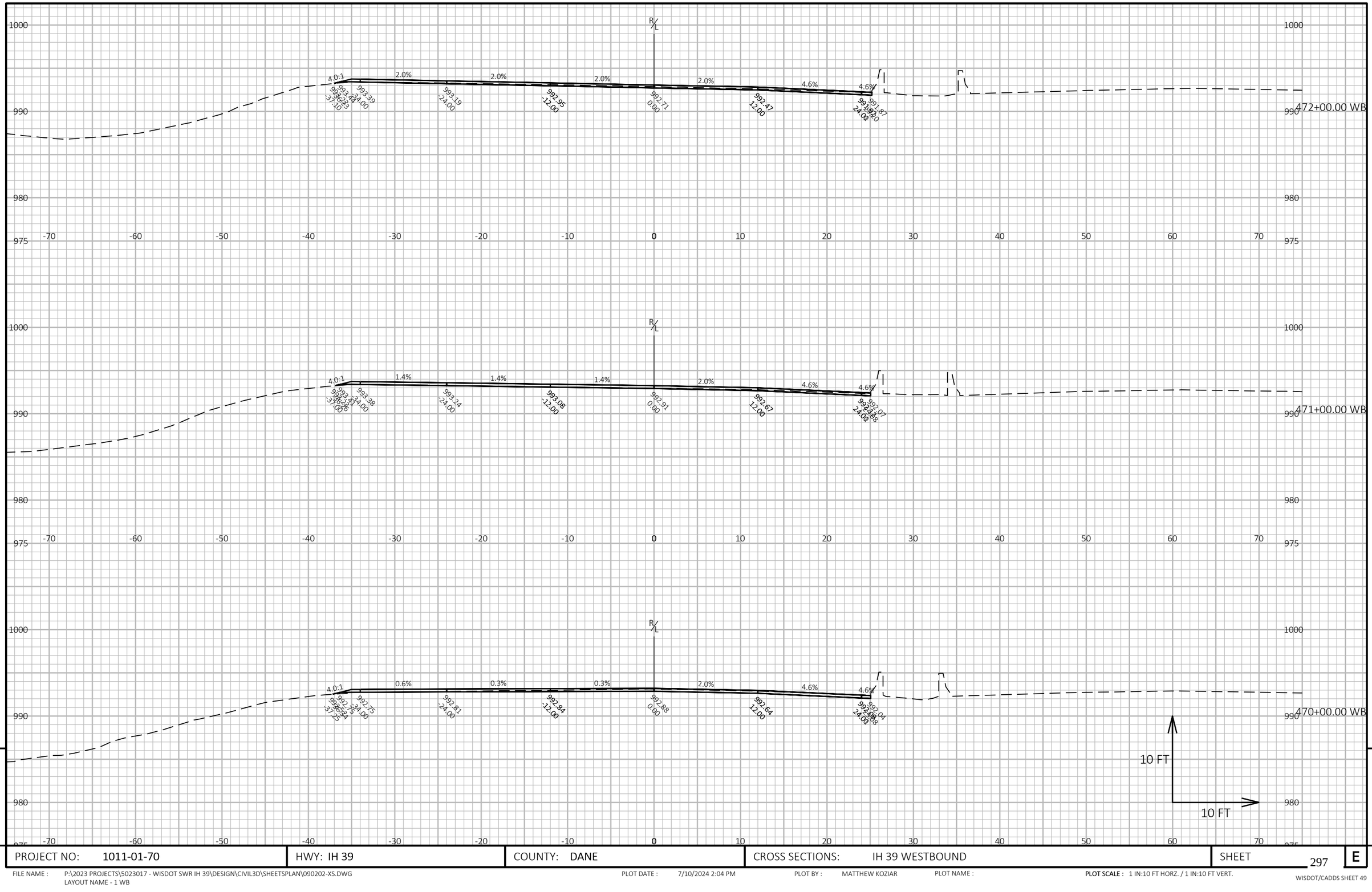
PLOT DATE : 7/31/2024 2:19 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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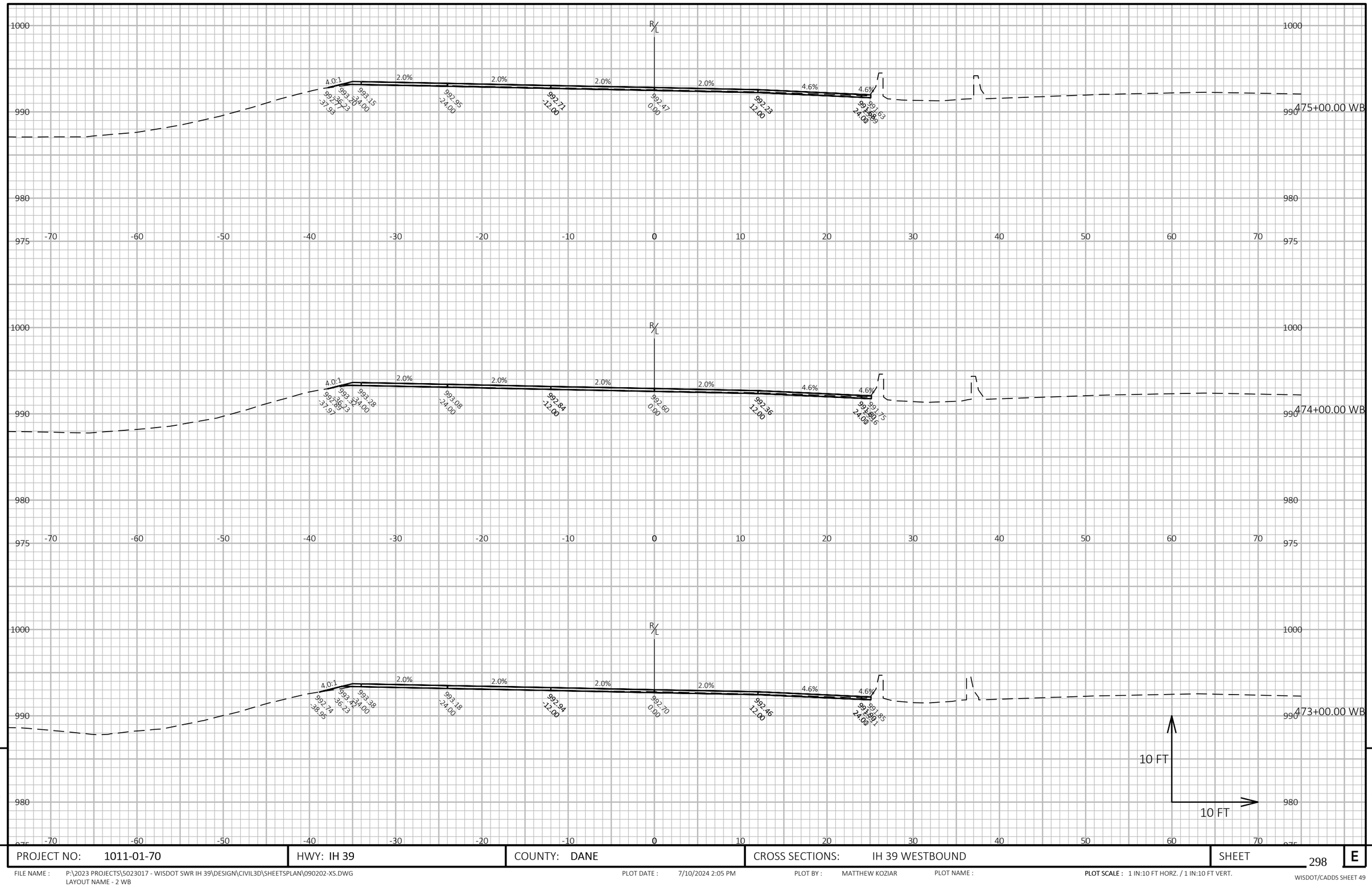
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 297	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 1 WB

PLOT DATE : 7/10/2024 2:04 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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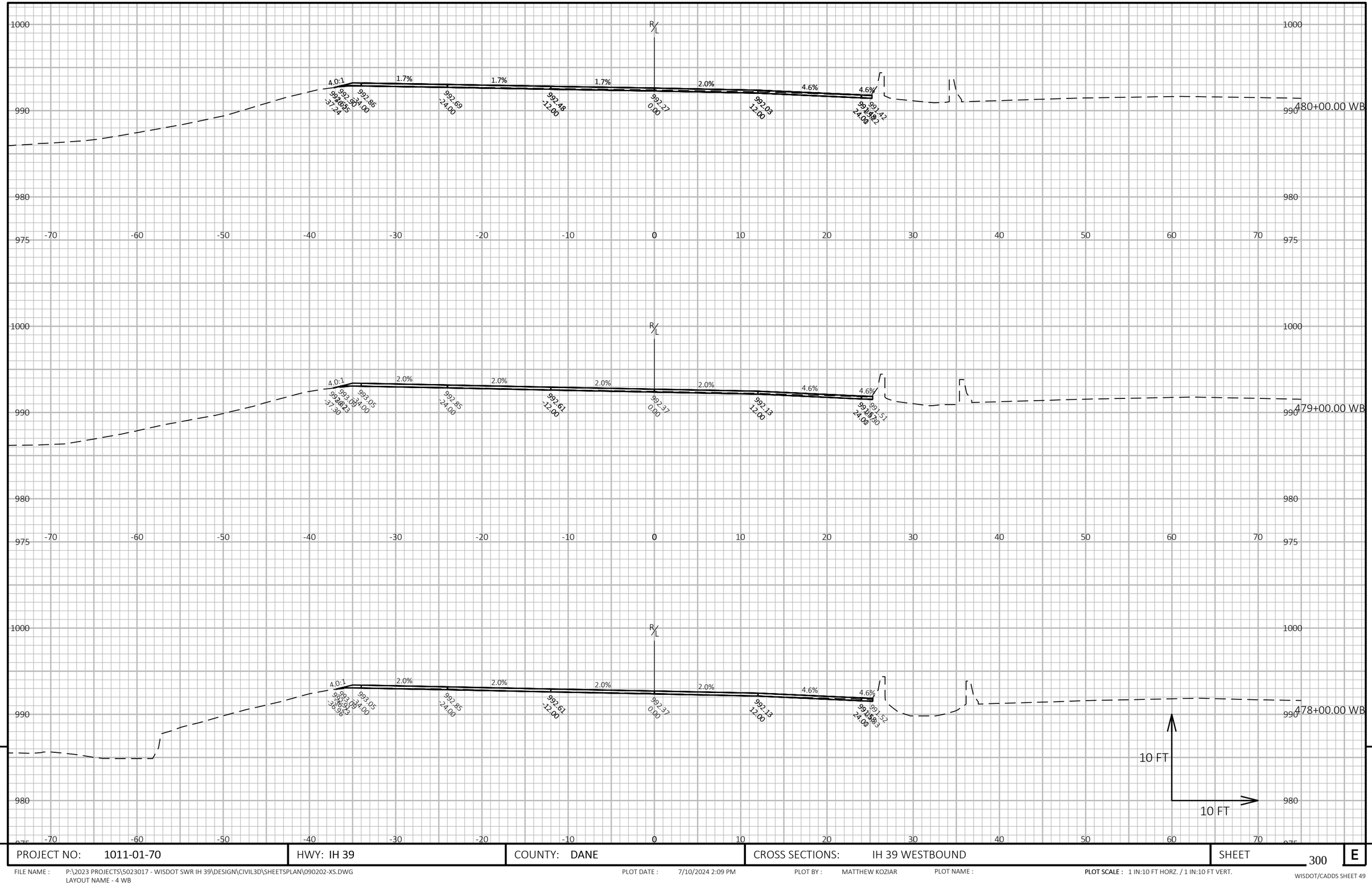
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 298	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 2 WB

PLOT DATE : 7/10/2024 2:05 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

EXISTING CULVERT

4.0:1
2.0%
2.0%
2.0%
2.0%
4.6%
4.6%
993.05
992.85
-24.00
992.61
-12.00
992.37
0.00
992.13
12.00
991.52
24.00
-36.96
-36.96
-36.96



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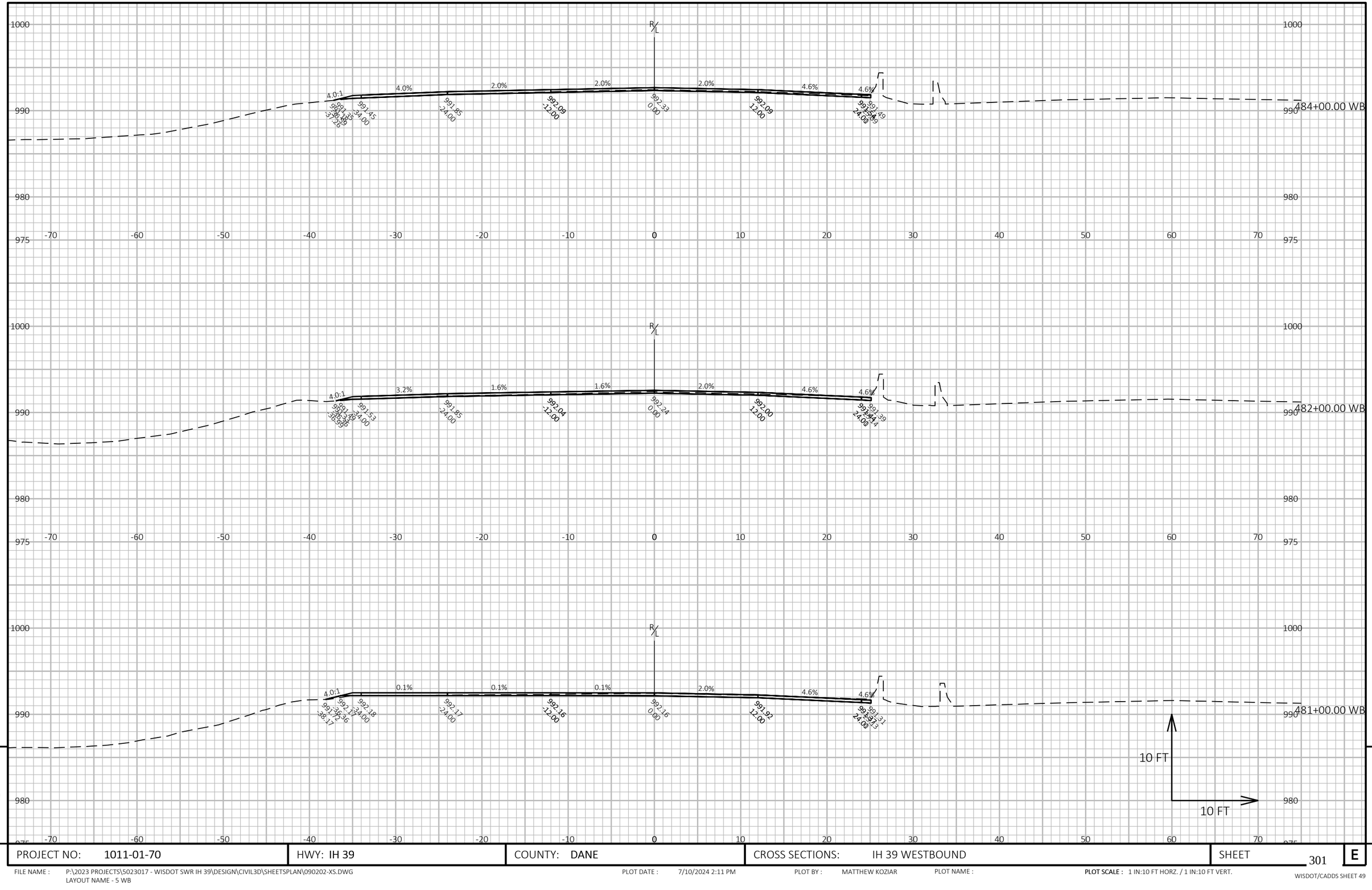
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 300	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 4 WB

PLOT DATE : 7/10/2024 2:09 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

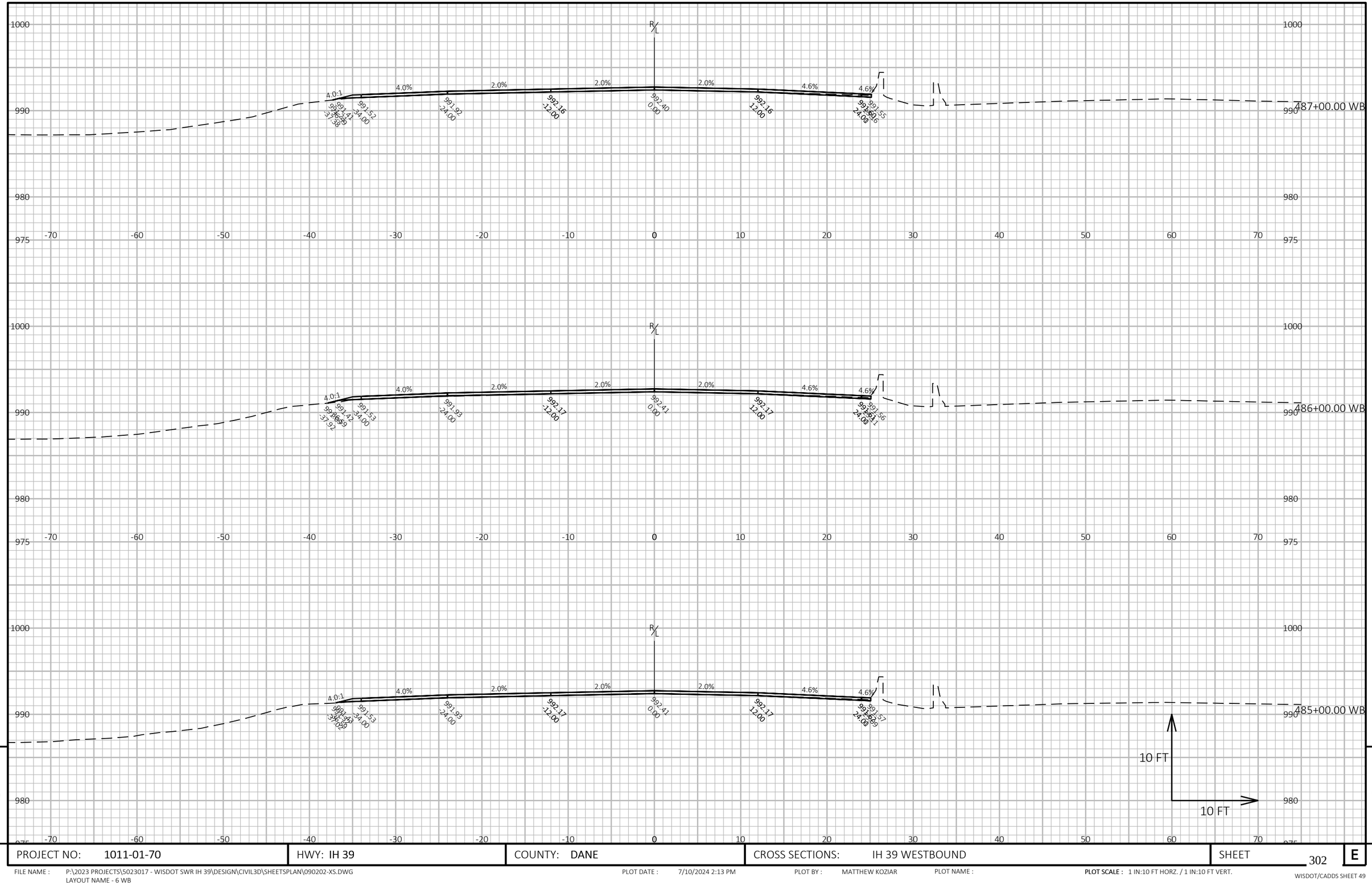
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 301	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 5 WB

PLOT DATE : 7/10/2024 2:11 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

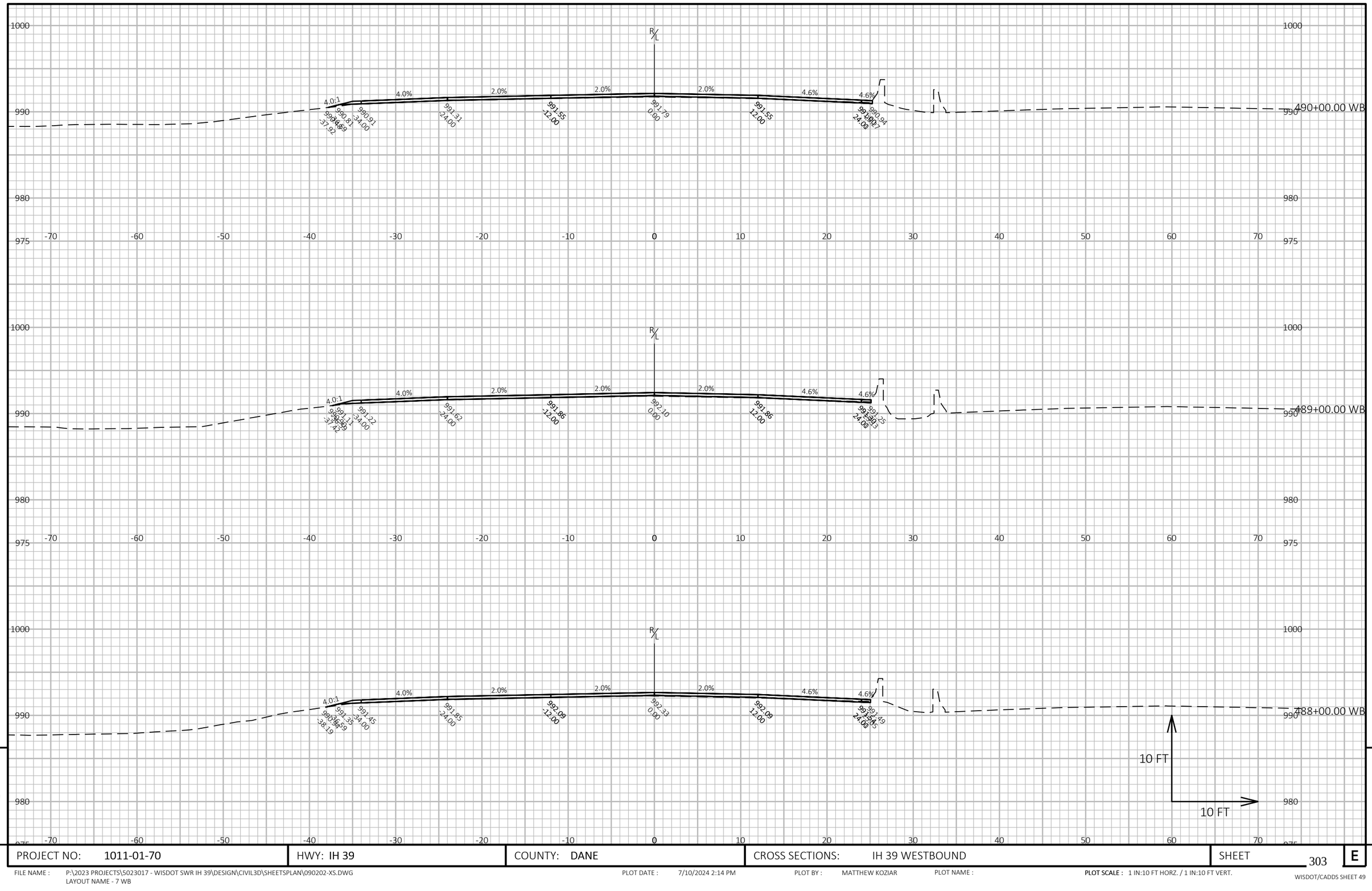
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 302	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 6 WB

PLOT DATE : 7/10/2024 2:13 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



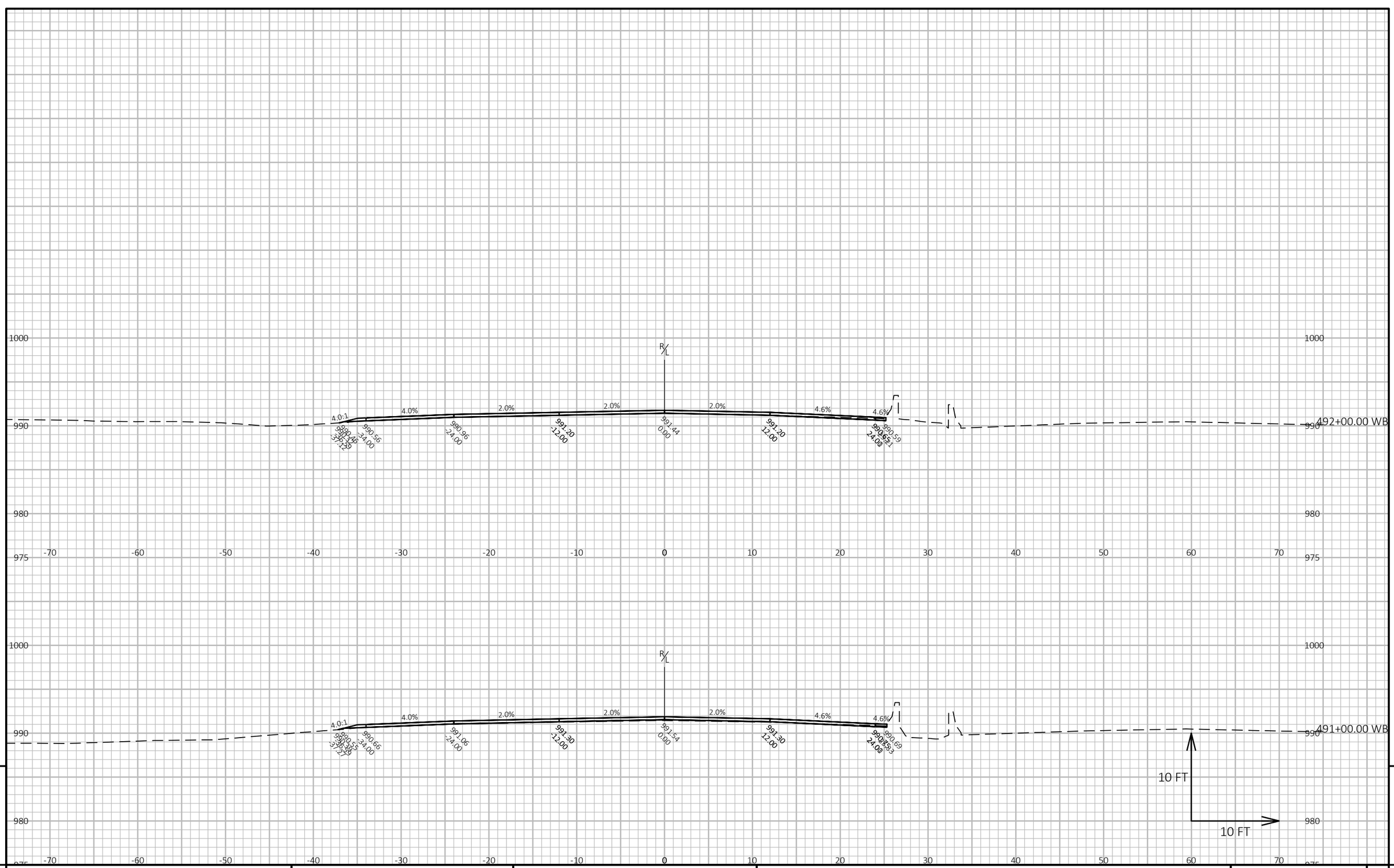
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 303	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 7 WB

PLOT DATE : 7/10/2024 2:14 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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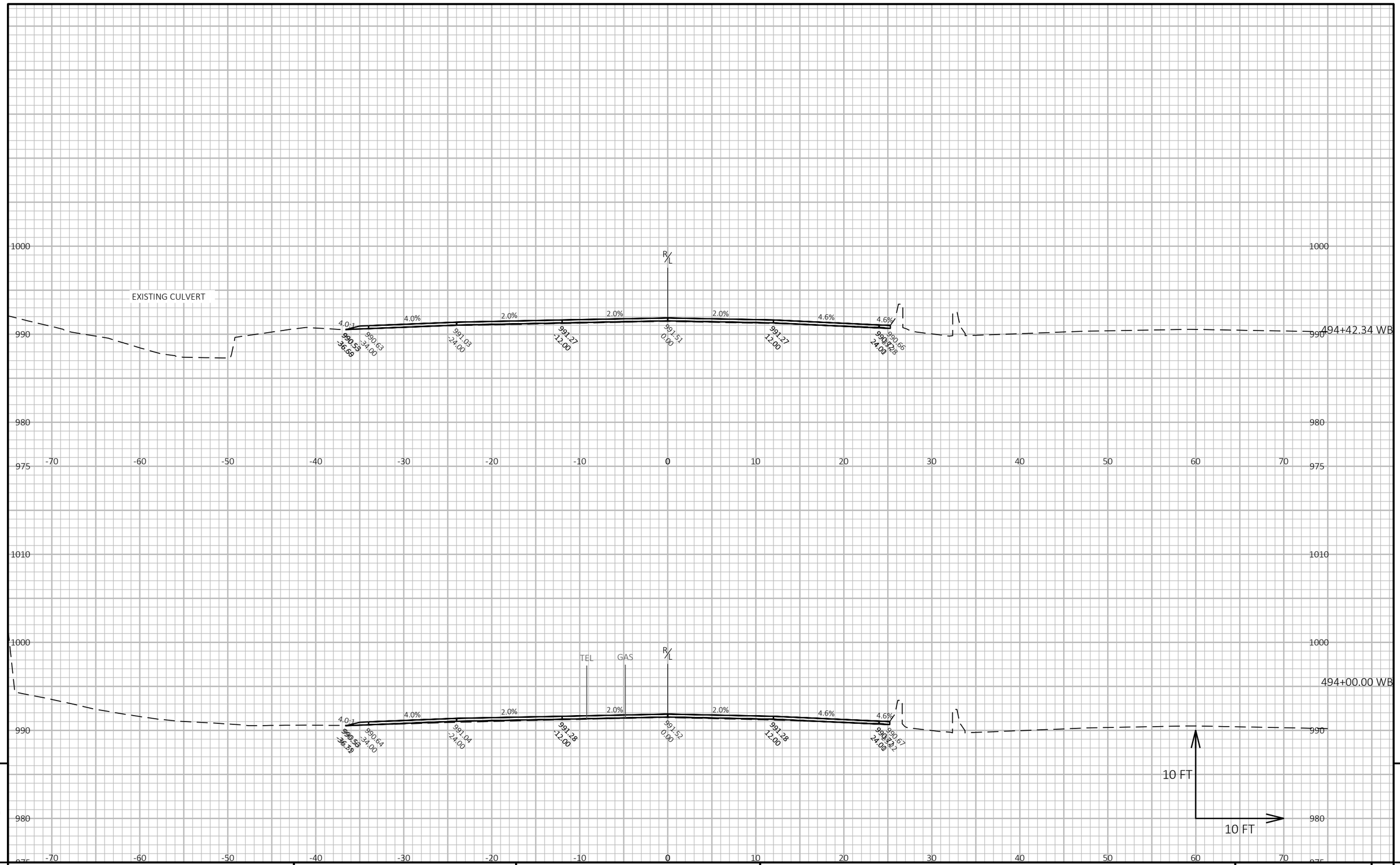
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 304	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 8 WB

PLOT DATE : 7/10/2024 2:16 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 305	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 9 WB

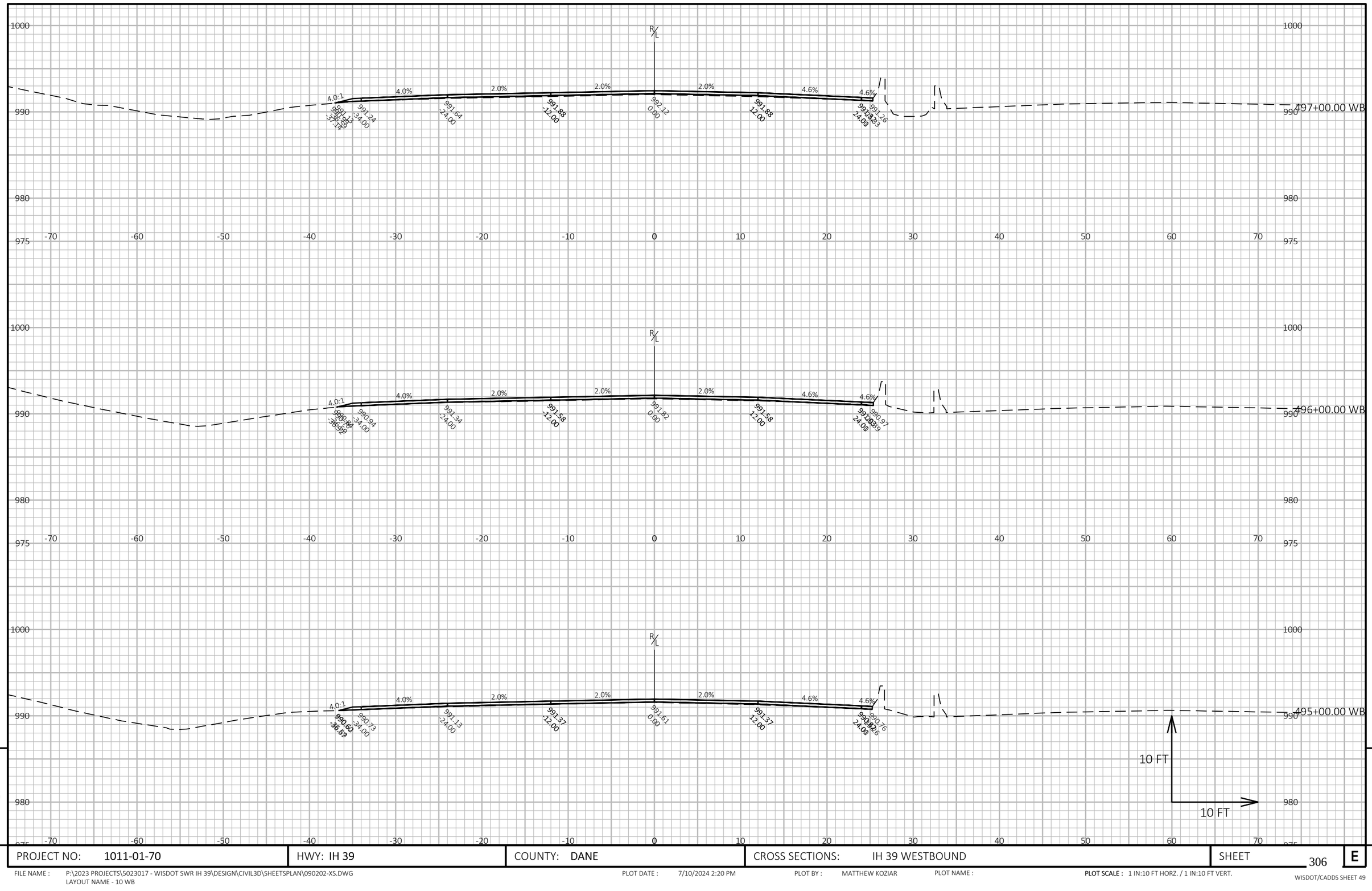
PLOT DATE : 7/10/2024 2:18 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



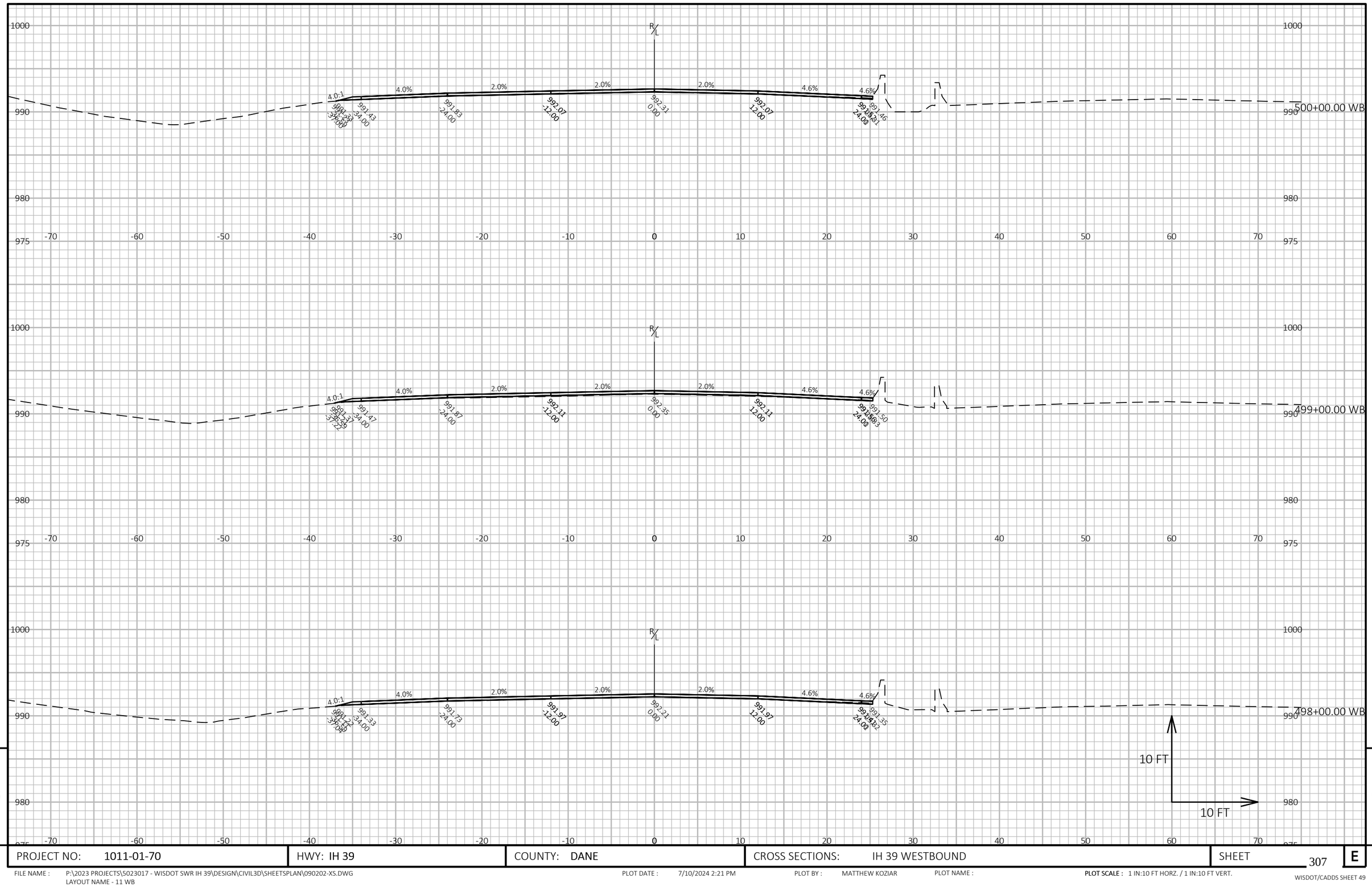
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 306	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 10 WB

PLOT DATE : 7/10/2024 2:20 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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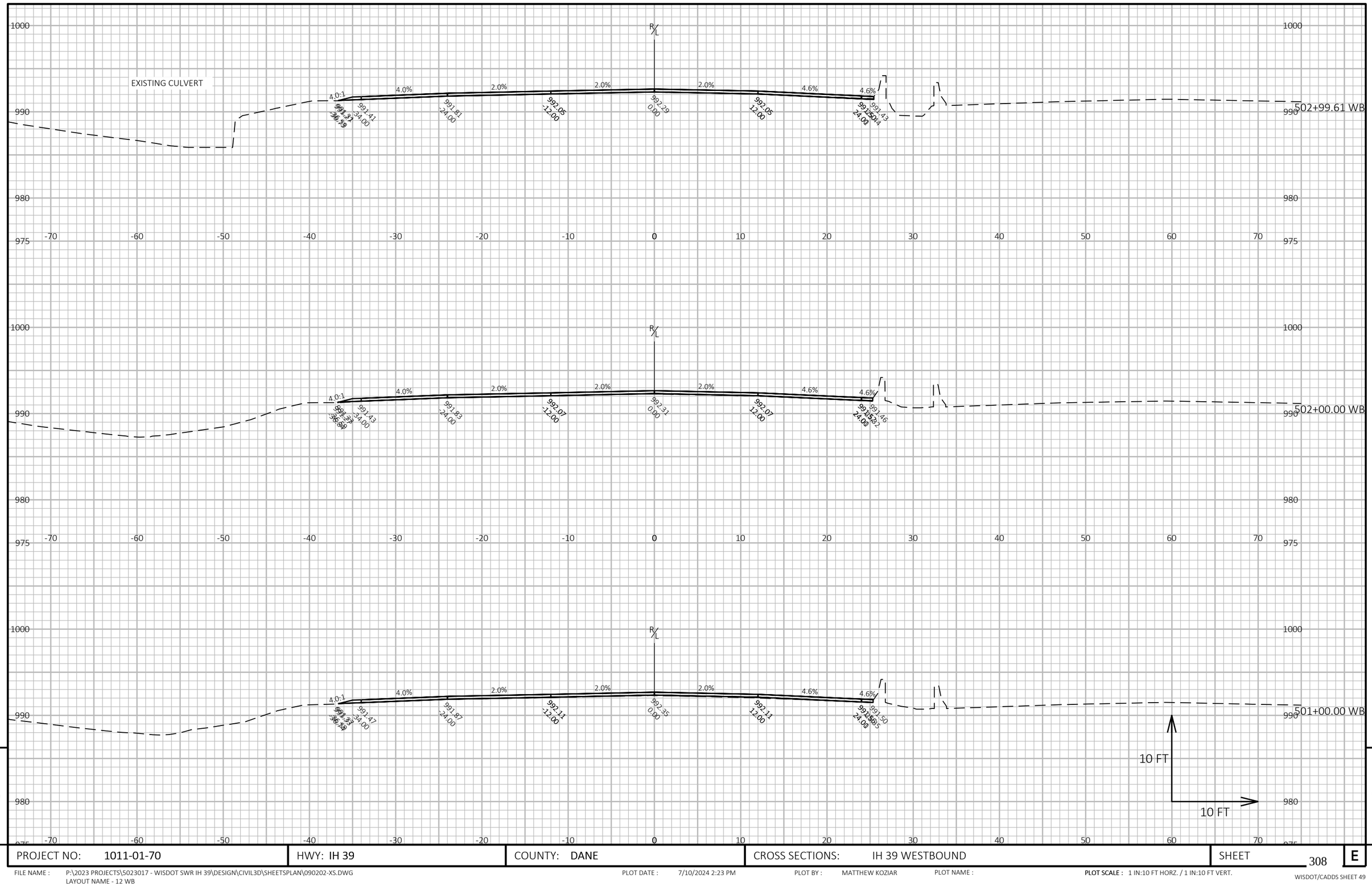
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 307	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 11 WB

PLOT DATE : 7/10/2024 2:21 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



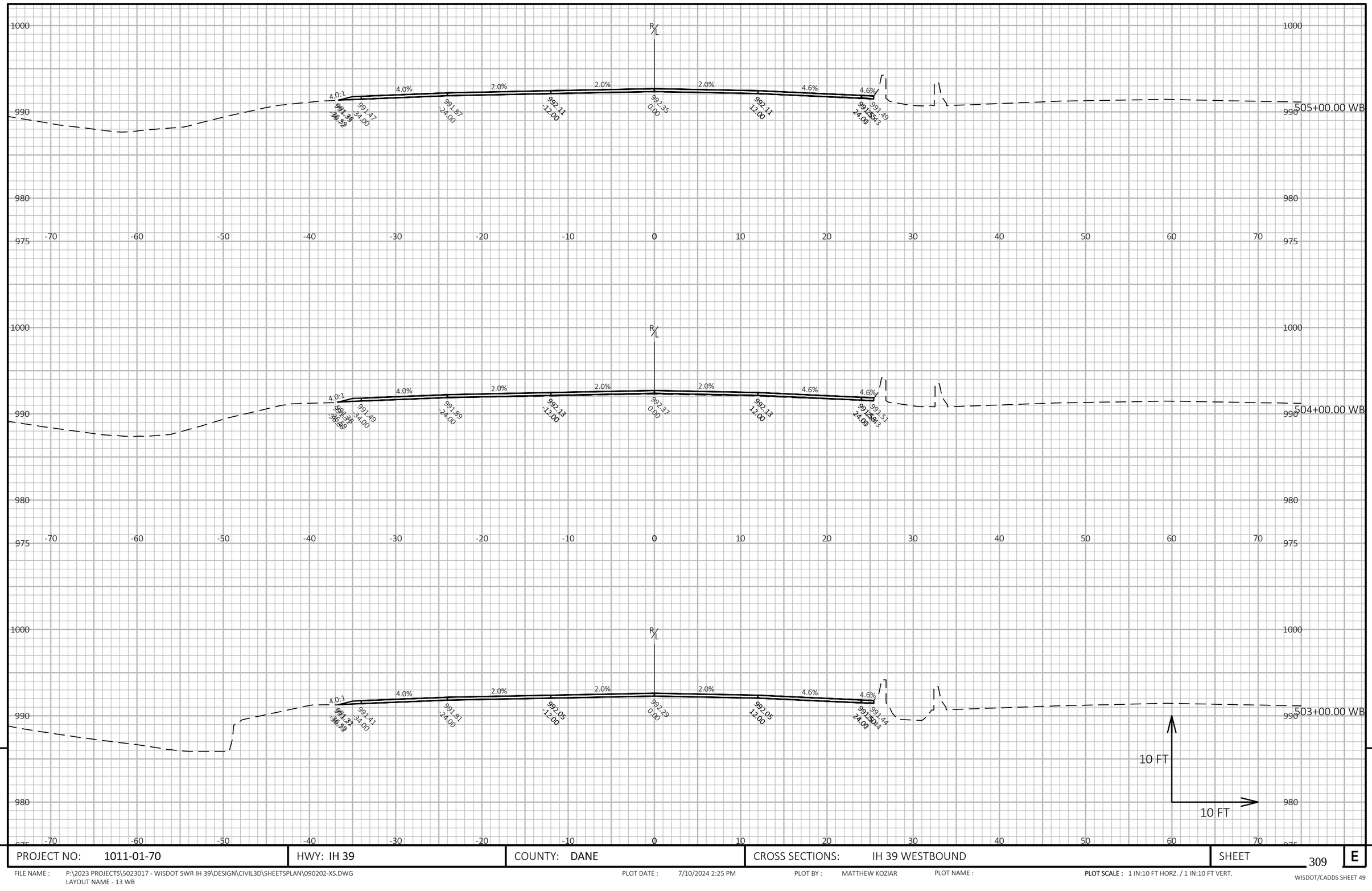
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 308	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 12 WB

PLOT DATE : 7/10/2024 2:23 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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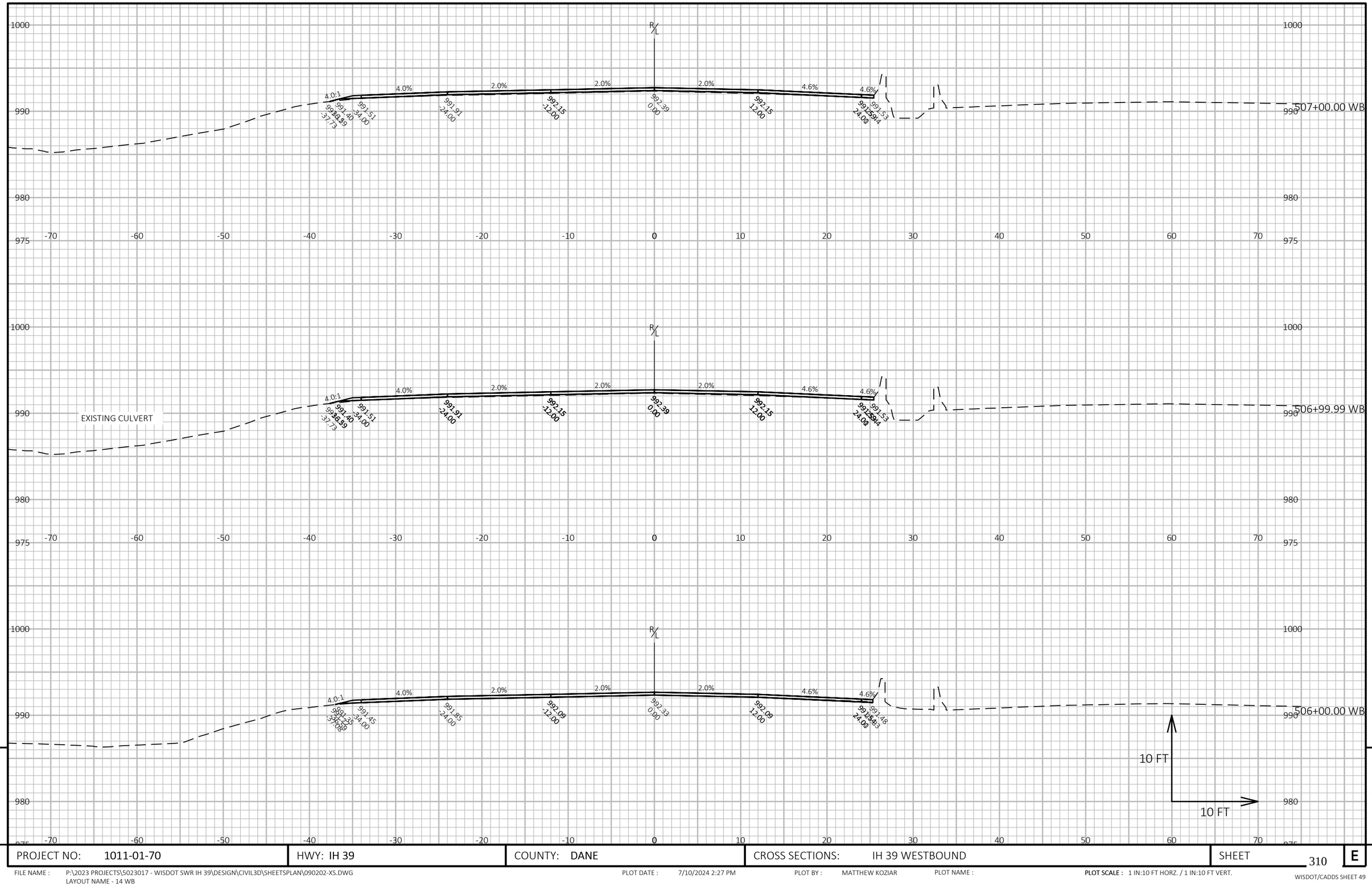
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 309	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 13 WB

PLOT DATE : 7/10/2024 2:25 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 310	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 14 WB

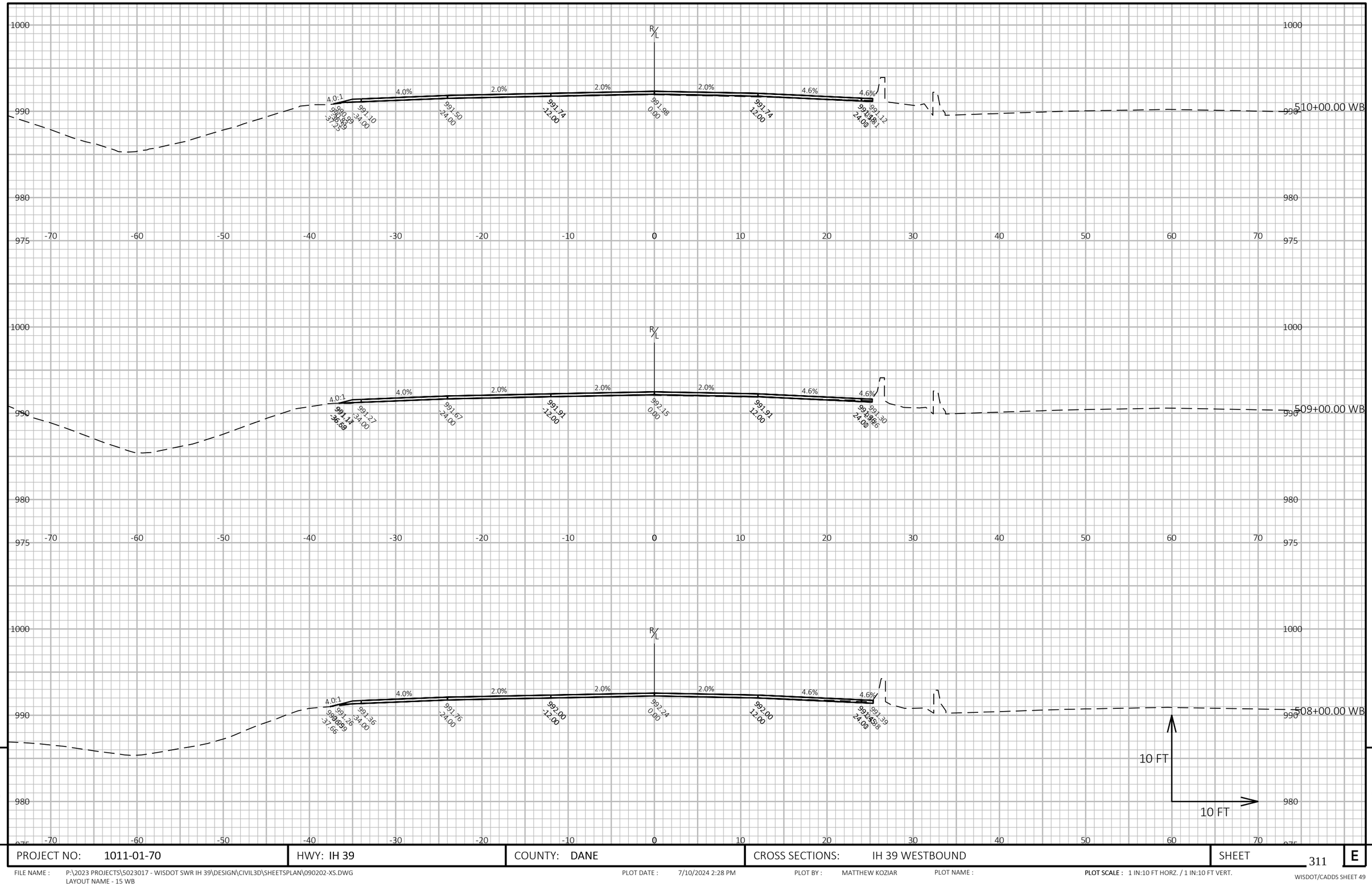
PLOT DATE : 7/10/2024 2:27 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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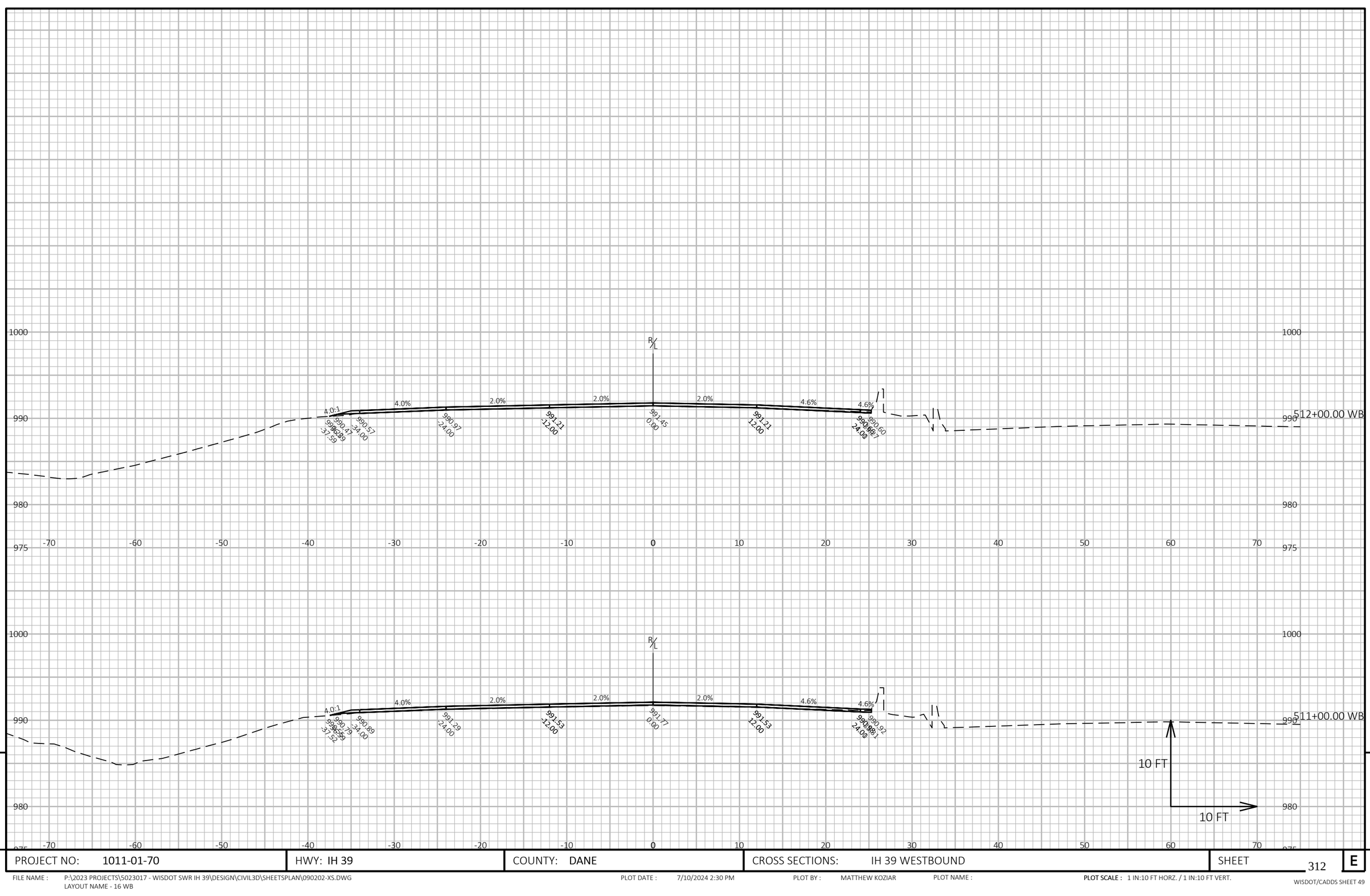
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 311	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 15 WB

PLOT DATE : 7/10/2024 2:28 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

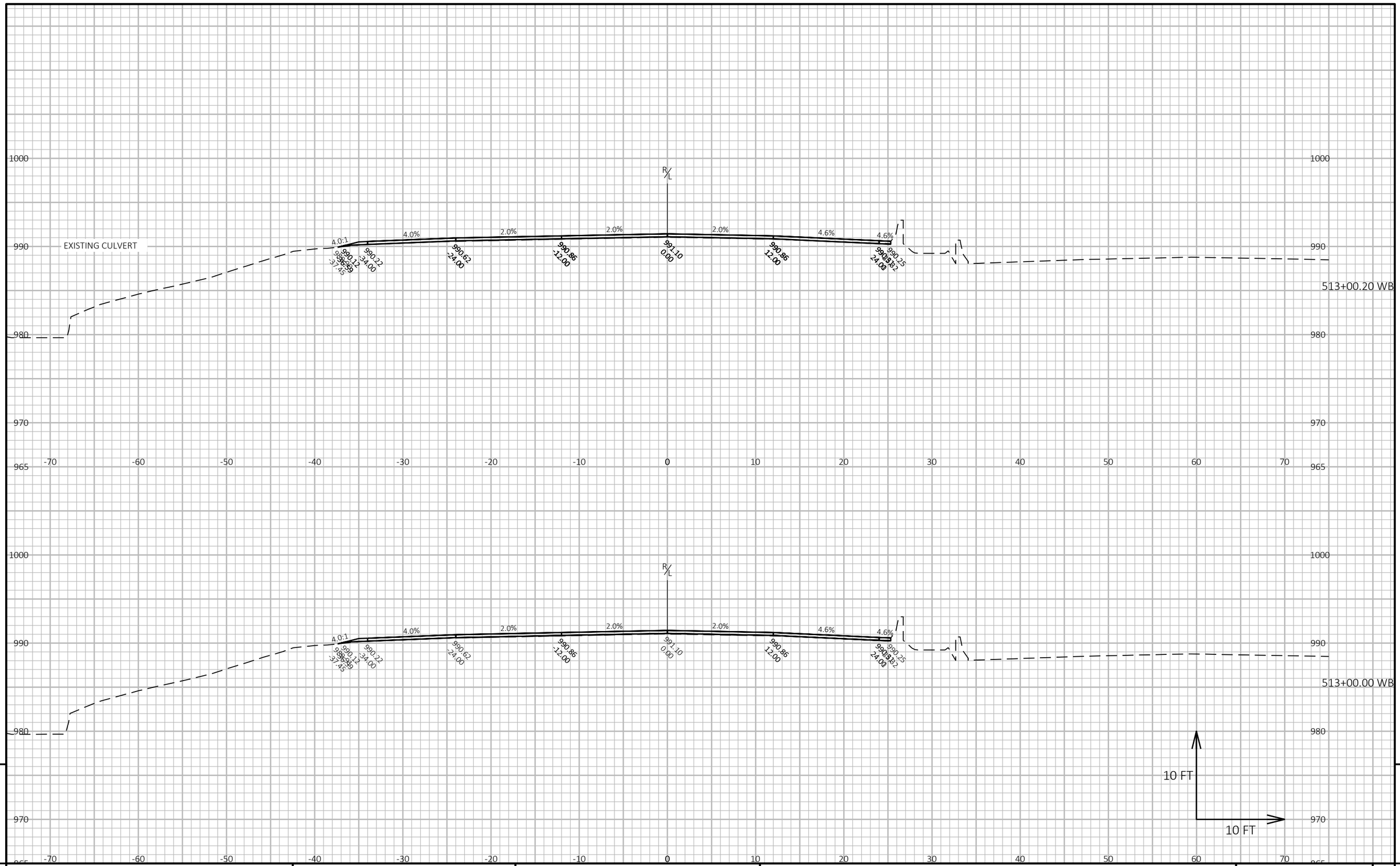
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 312	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 16 WB

PLOT DATE : 7/10/2024 2:30 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

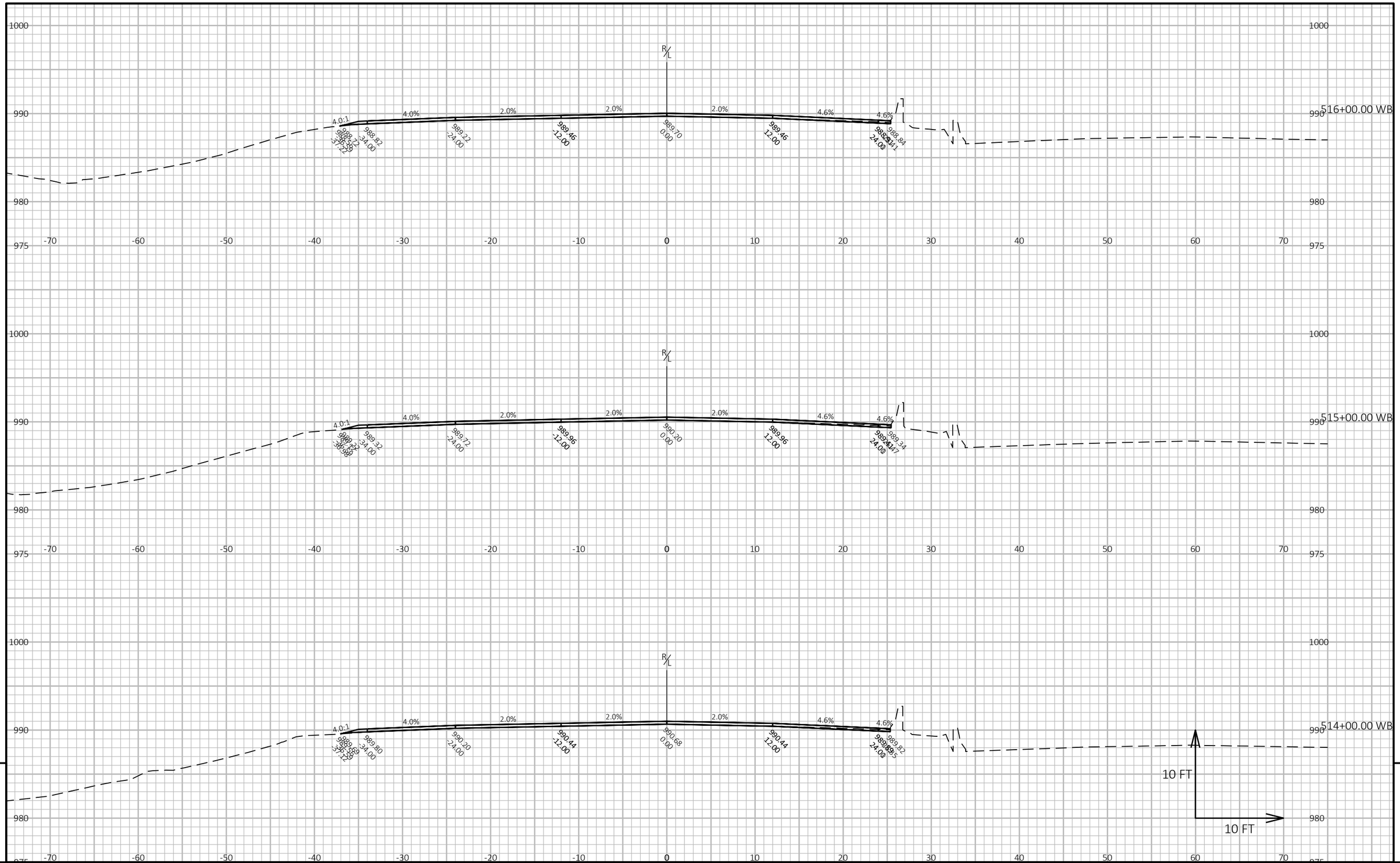


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 313	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 17 WB

PLOT DATE : 7/10/2024 2:31 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

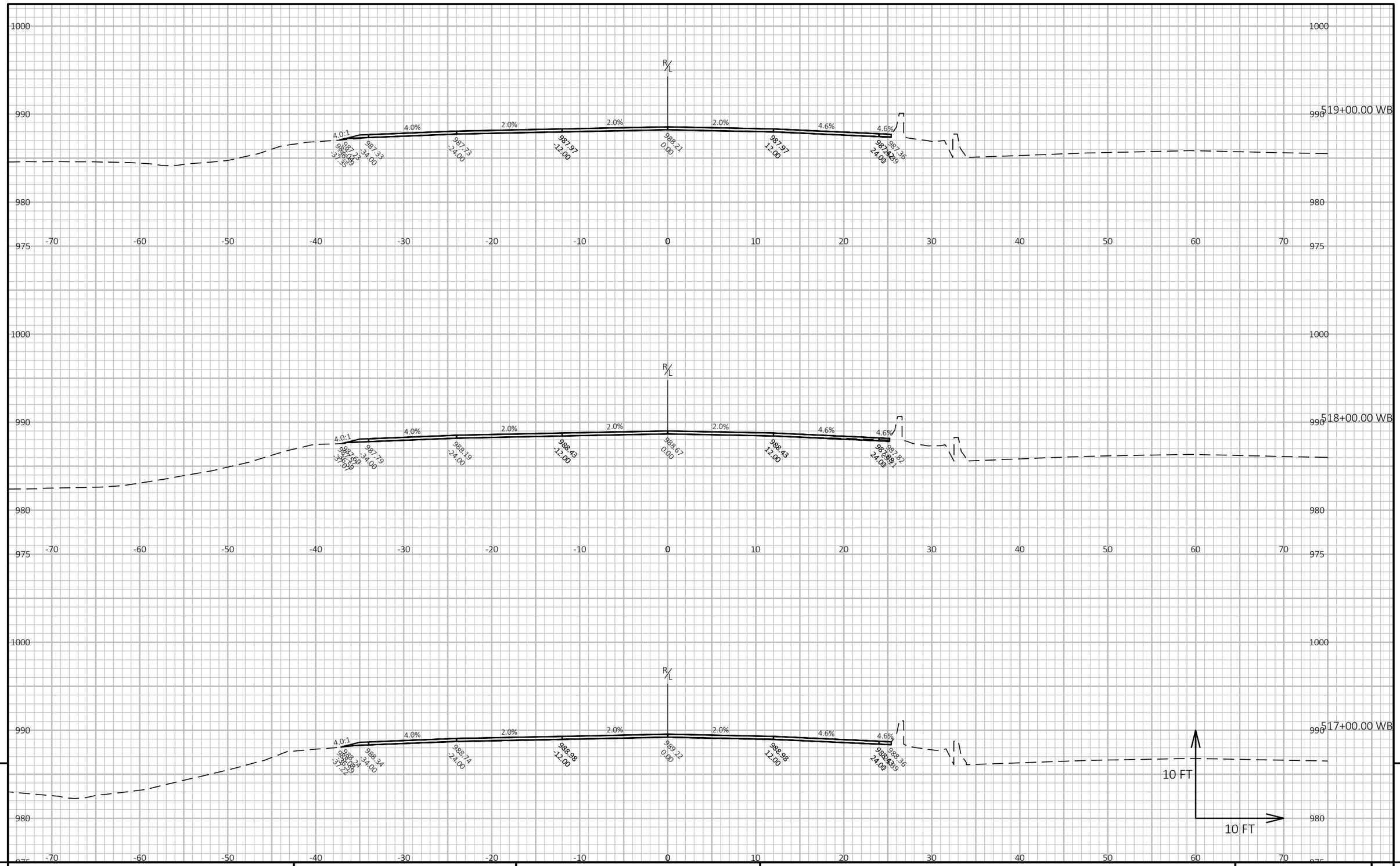


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 314	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 18 WB

PLOT DATE : 7/10/2024 2:33 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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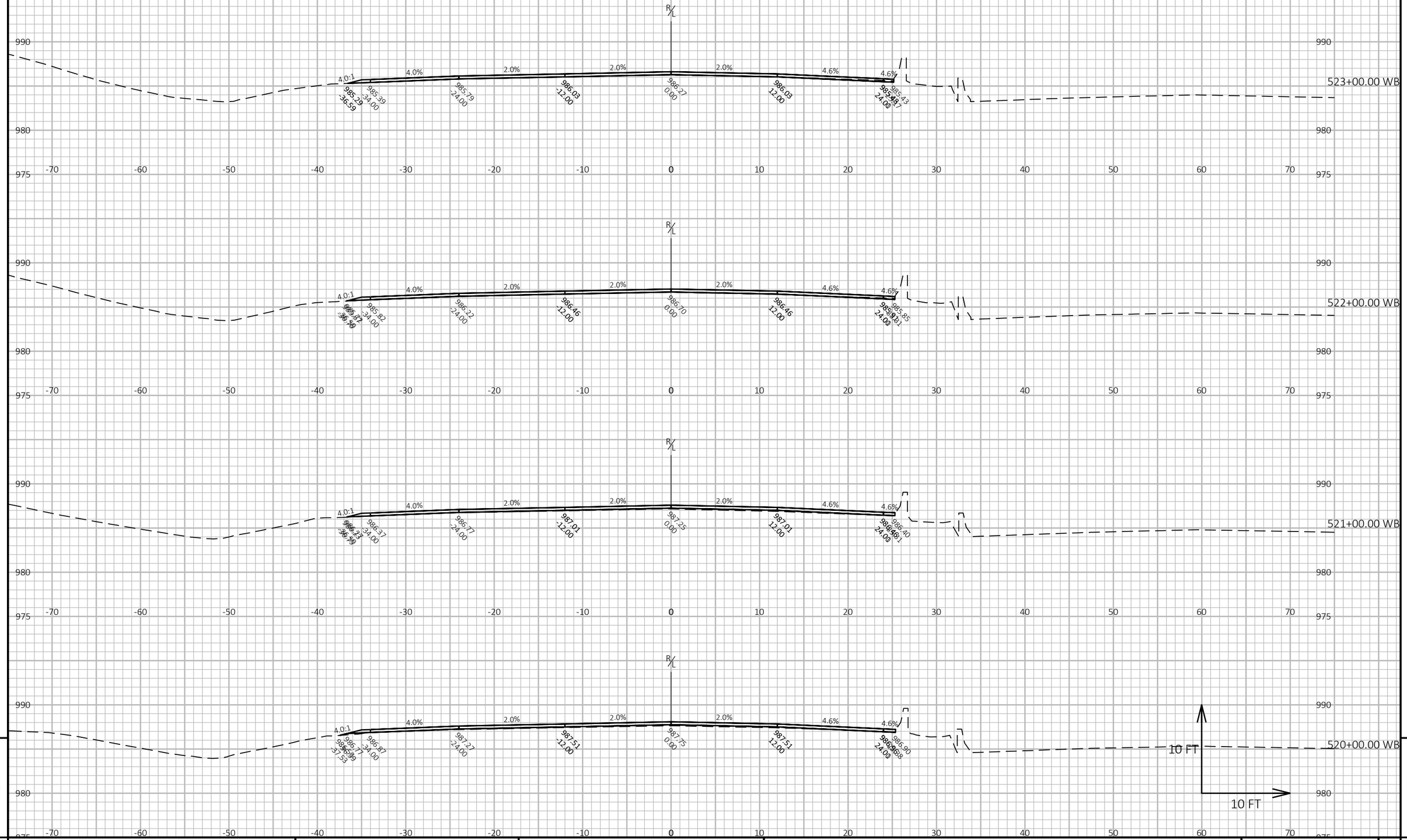
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 315	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 19 WB

PLOT DATE : 7/10/2024 2:35 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

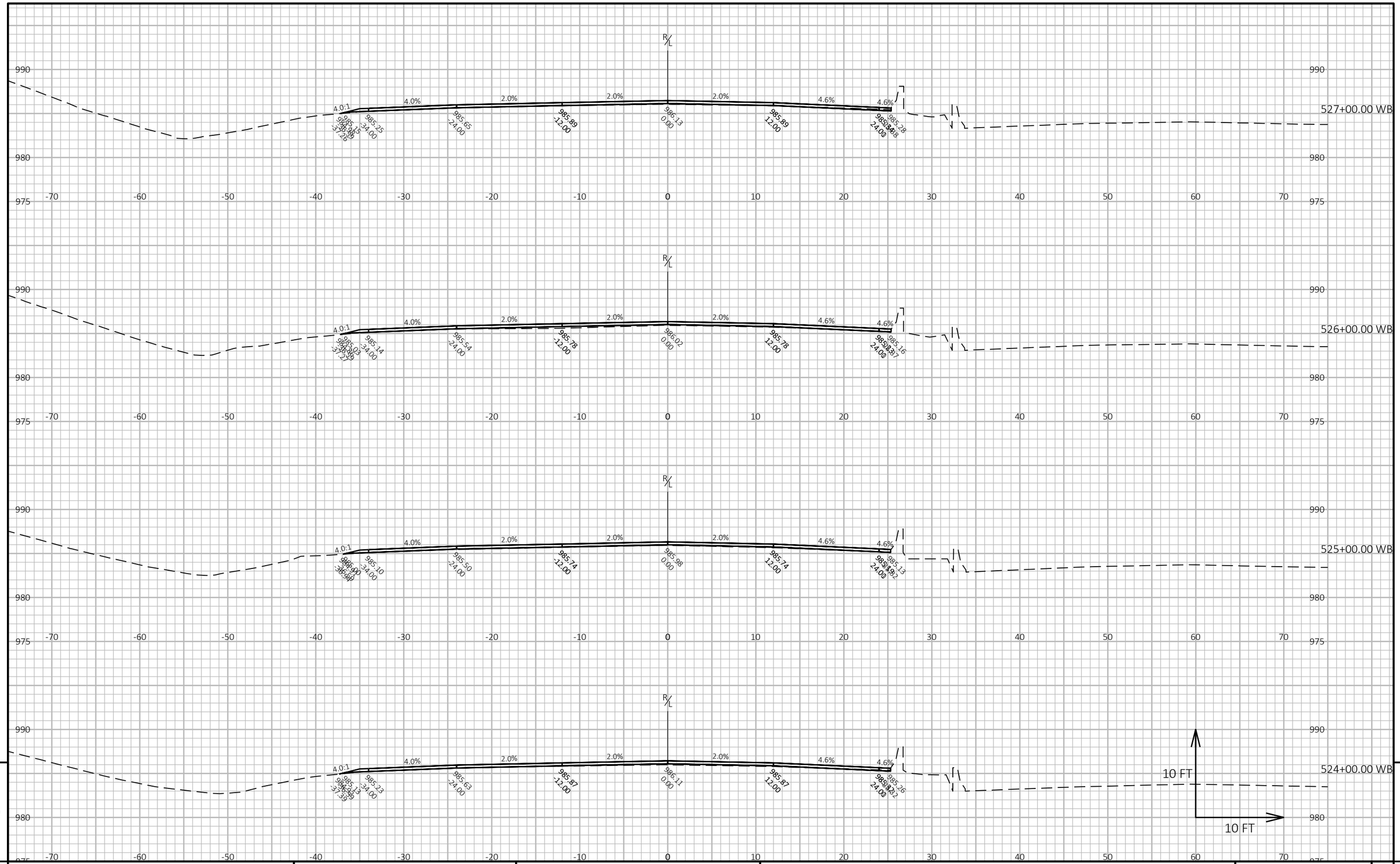


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 316	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 20 WB

PLOT DATE : 7/10/2024 2:37 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

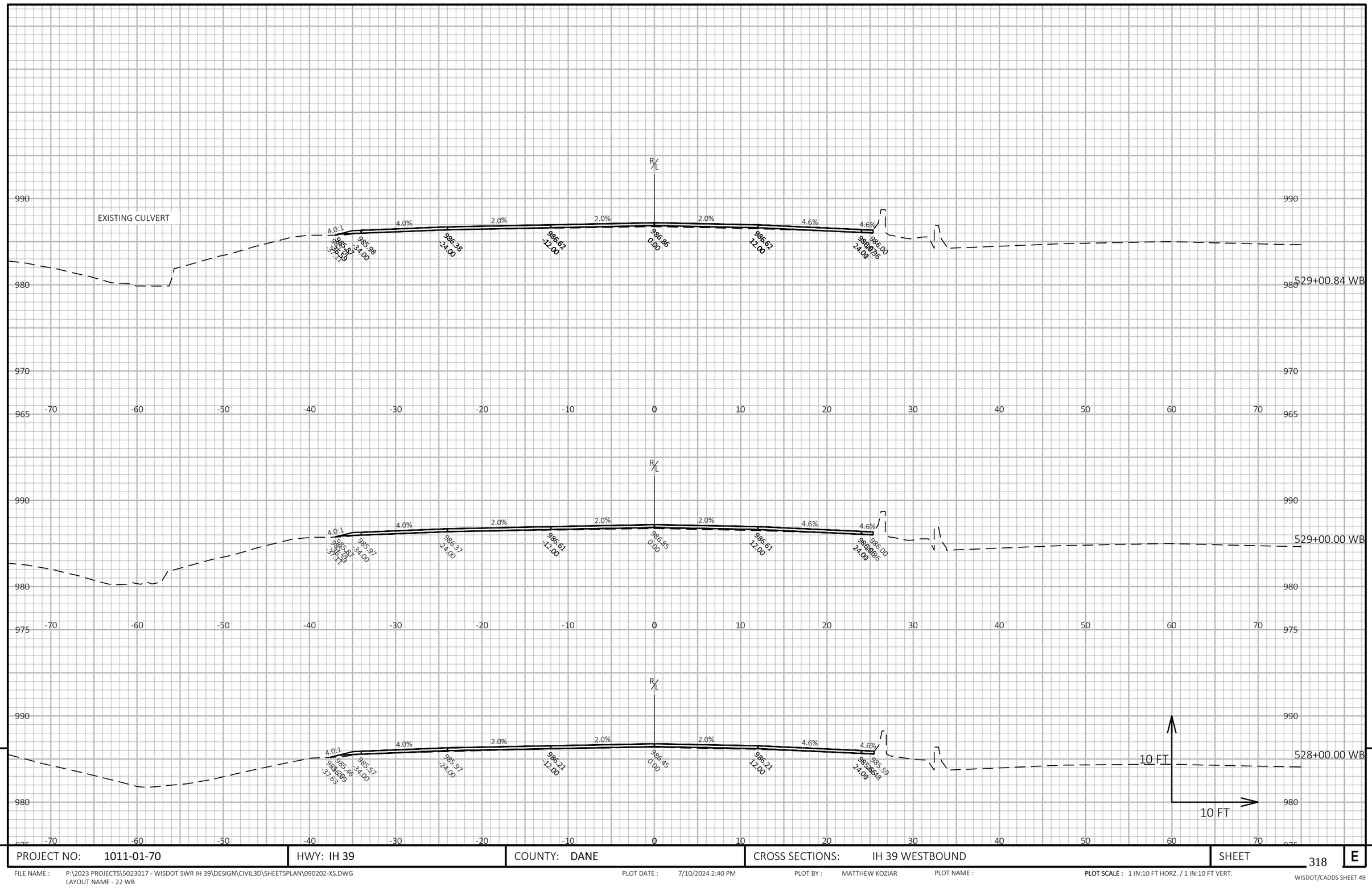
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 317	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 21 WB

PLOT DATE : 7/10/2024 2:38 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

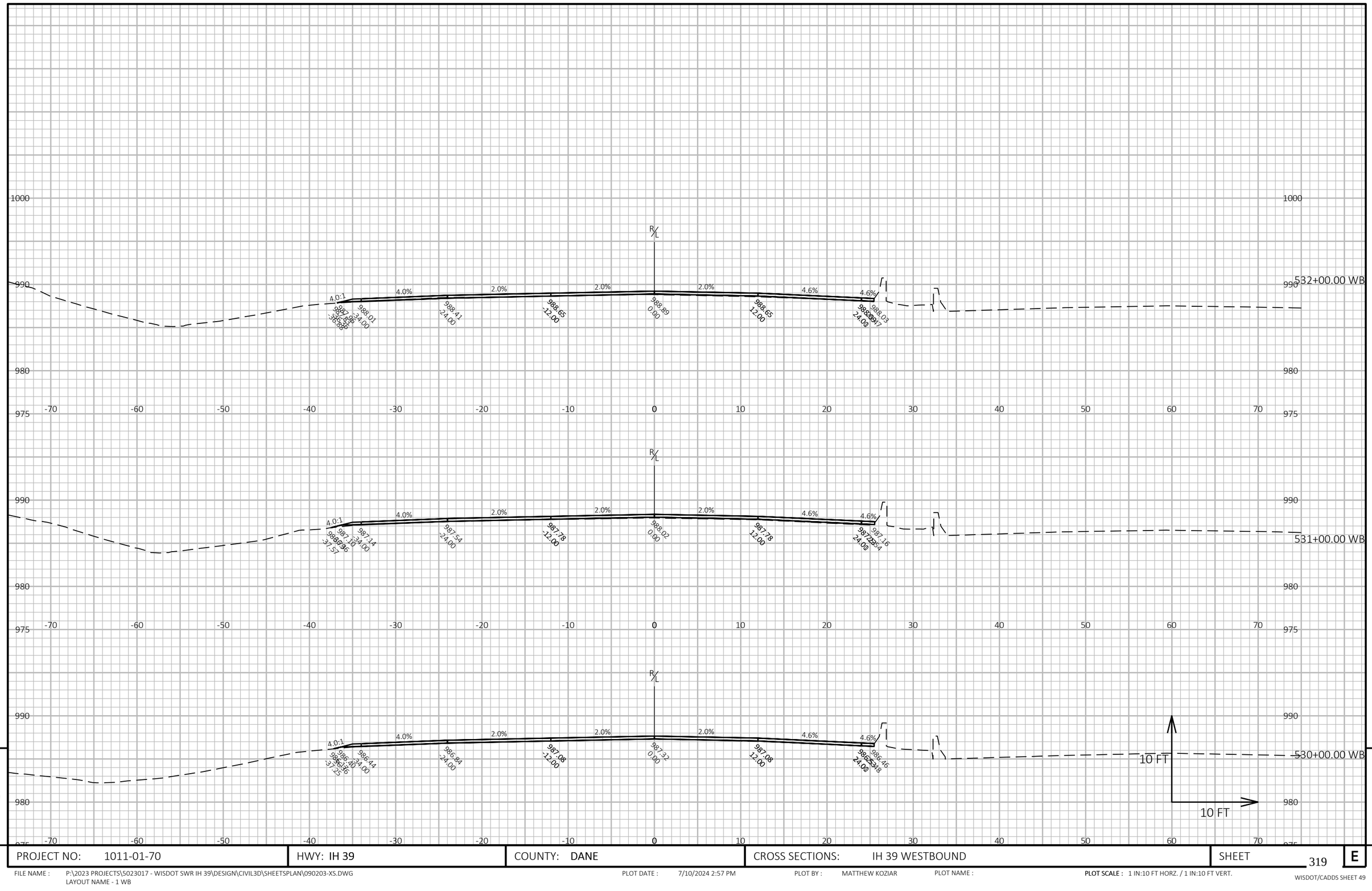


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 318	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 22 WB

PLOT DATE : 7/10/2024 2:40 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 319	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 1 WB

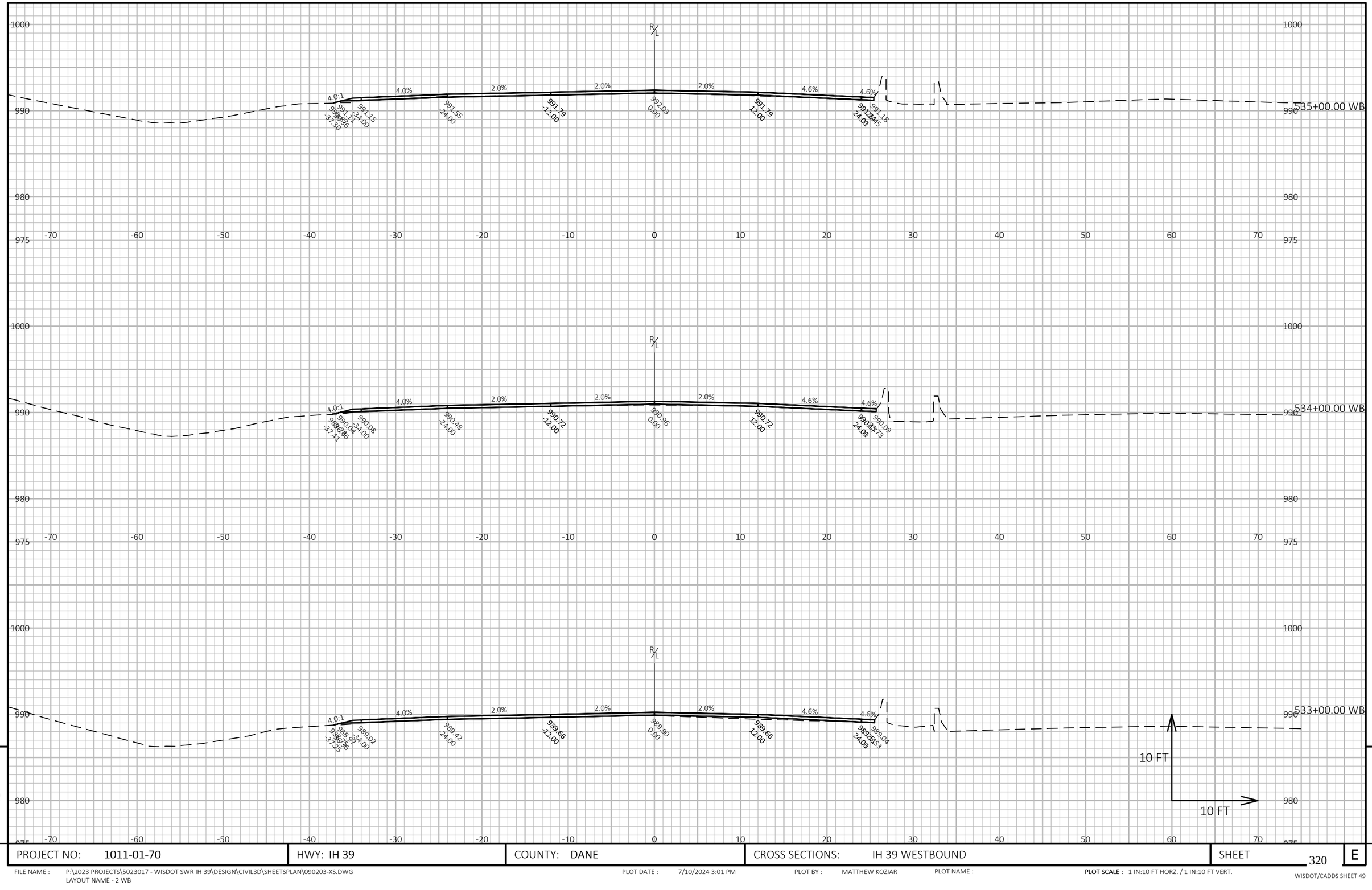
PLOT DATE : 7/10/2024 2:57 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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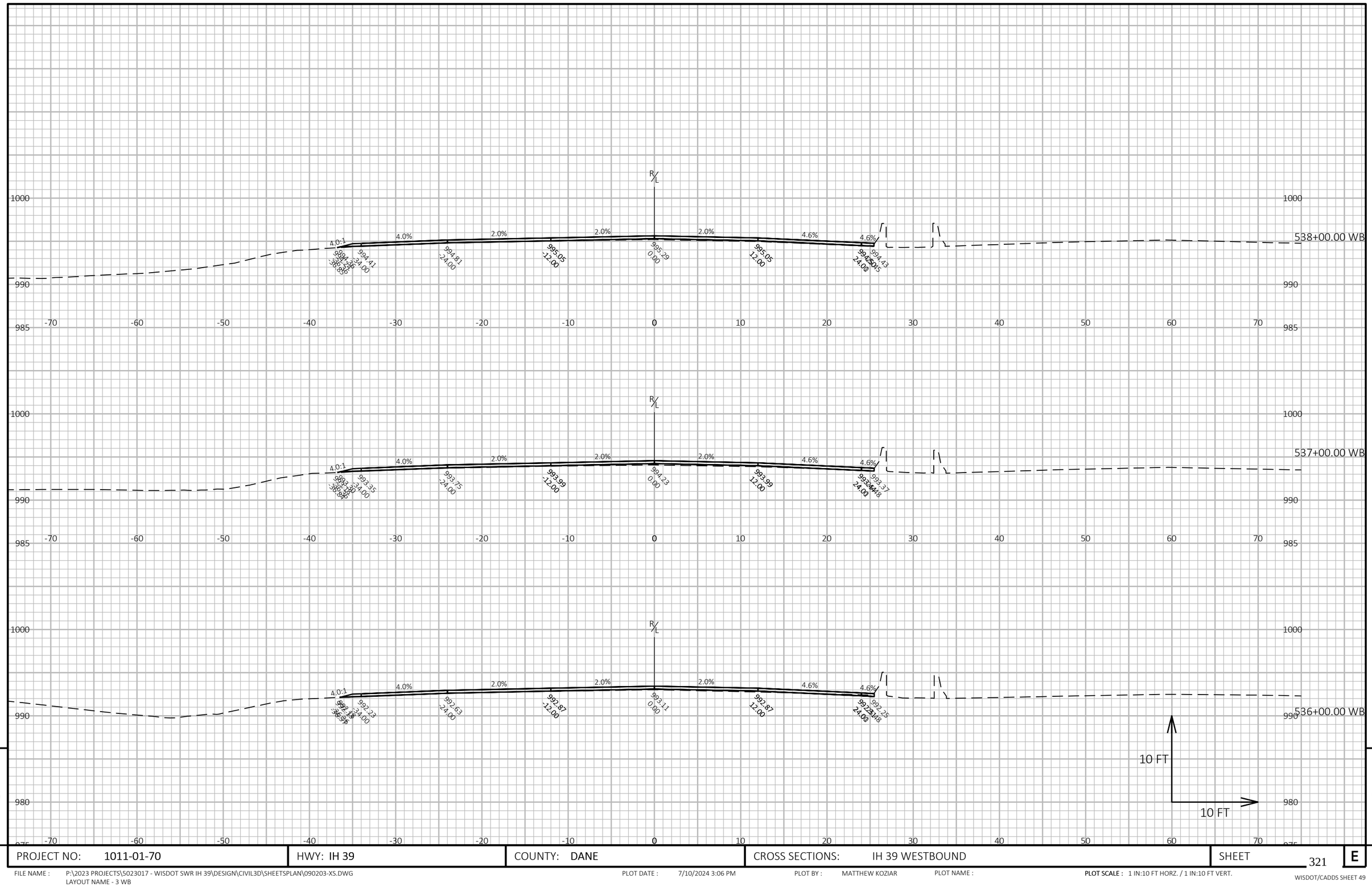
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 320	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 2 WB

PLOT DATE : 7/10/2024 3:01 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 321	E

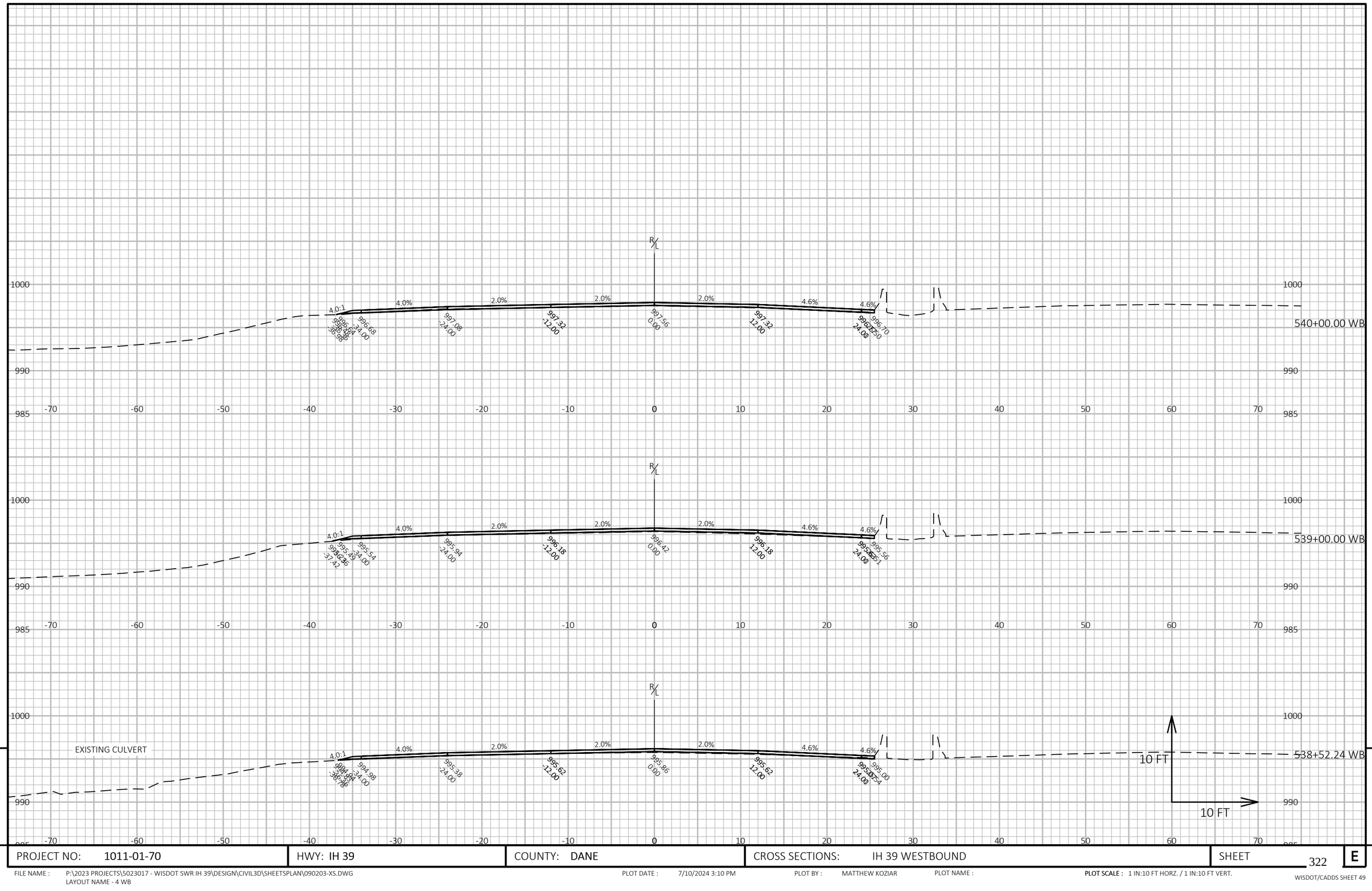
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 3 WB

PLOT DATE : 7/10/2024 3:06 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

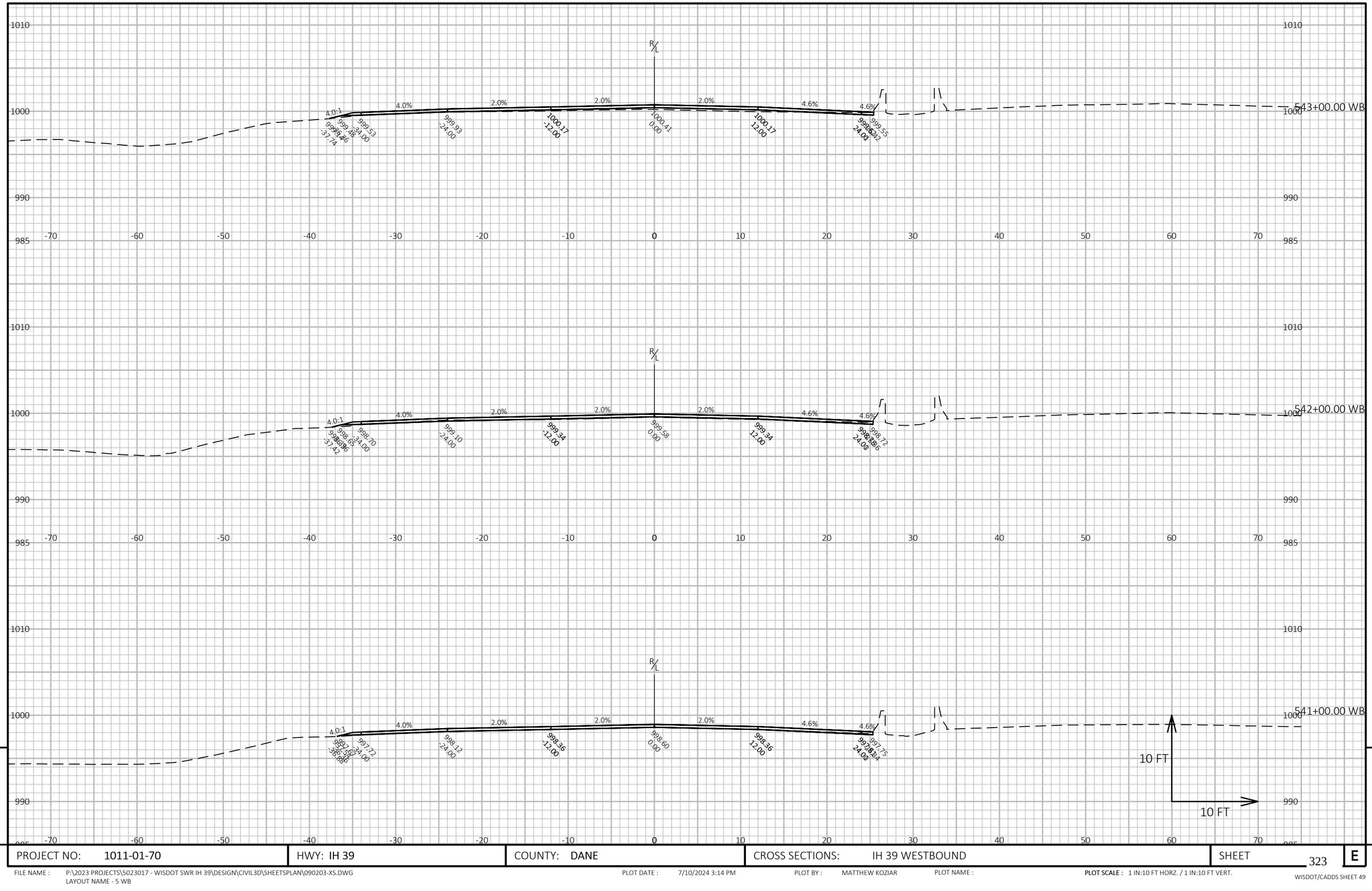


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 322	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 4 WB

PLOT DATE : 7/10/2024 3:10 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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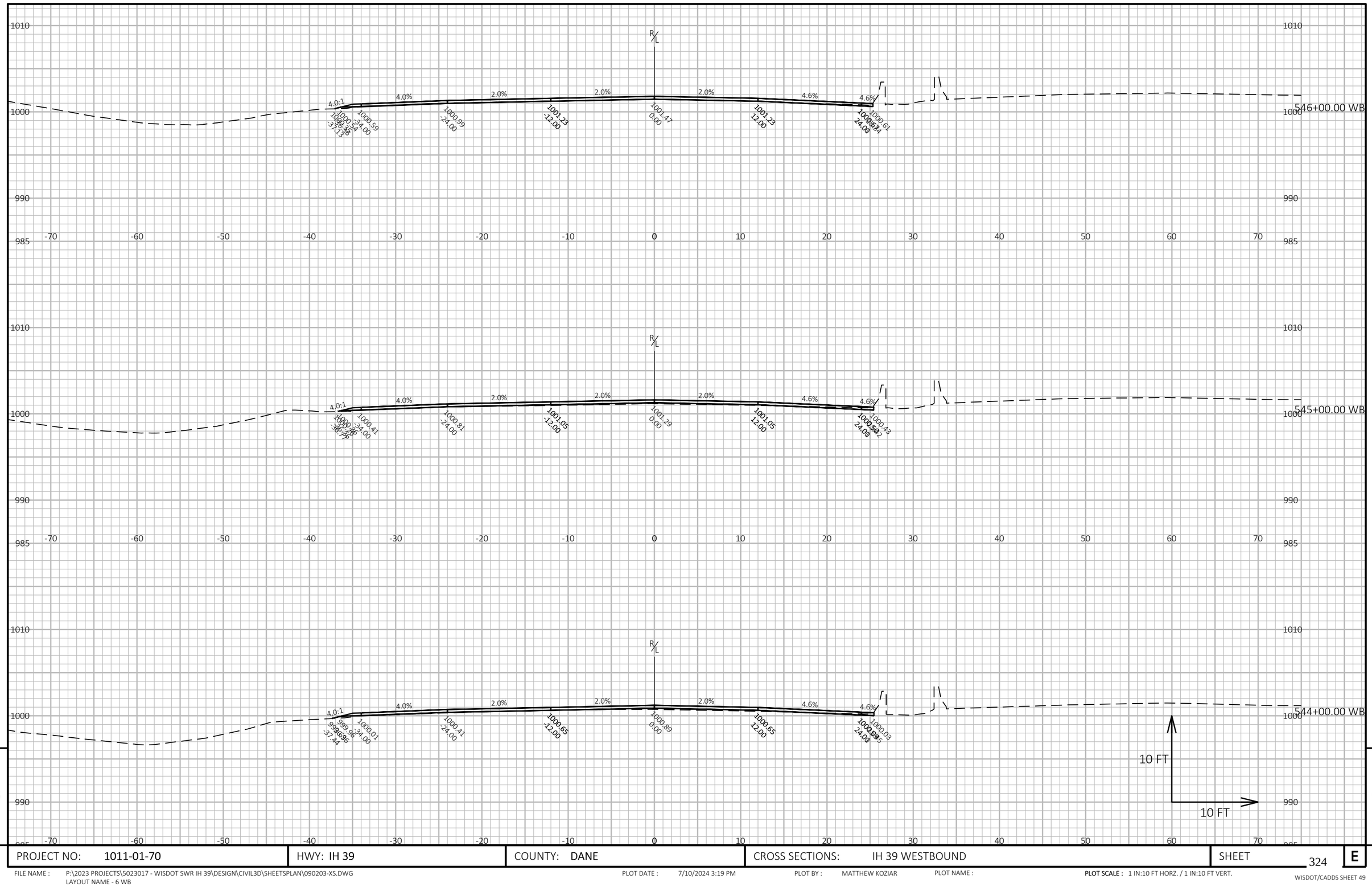
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 323	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 5 WB

PLOT DATE : 7/10/2024 3:14 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

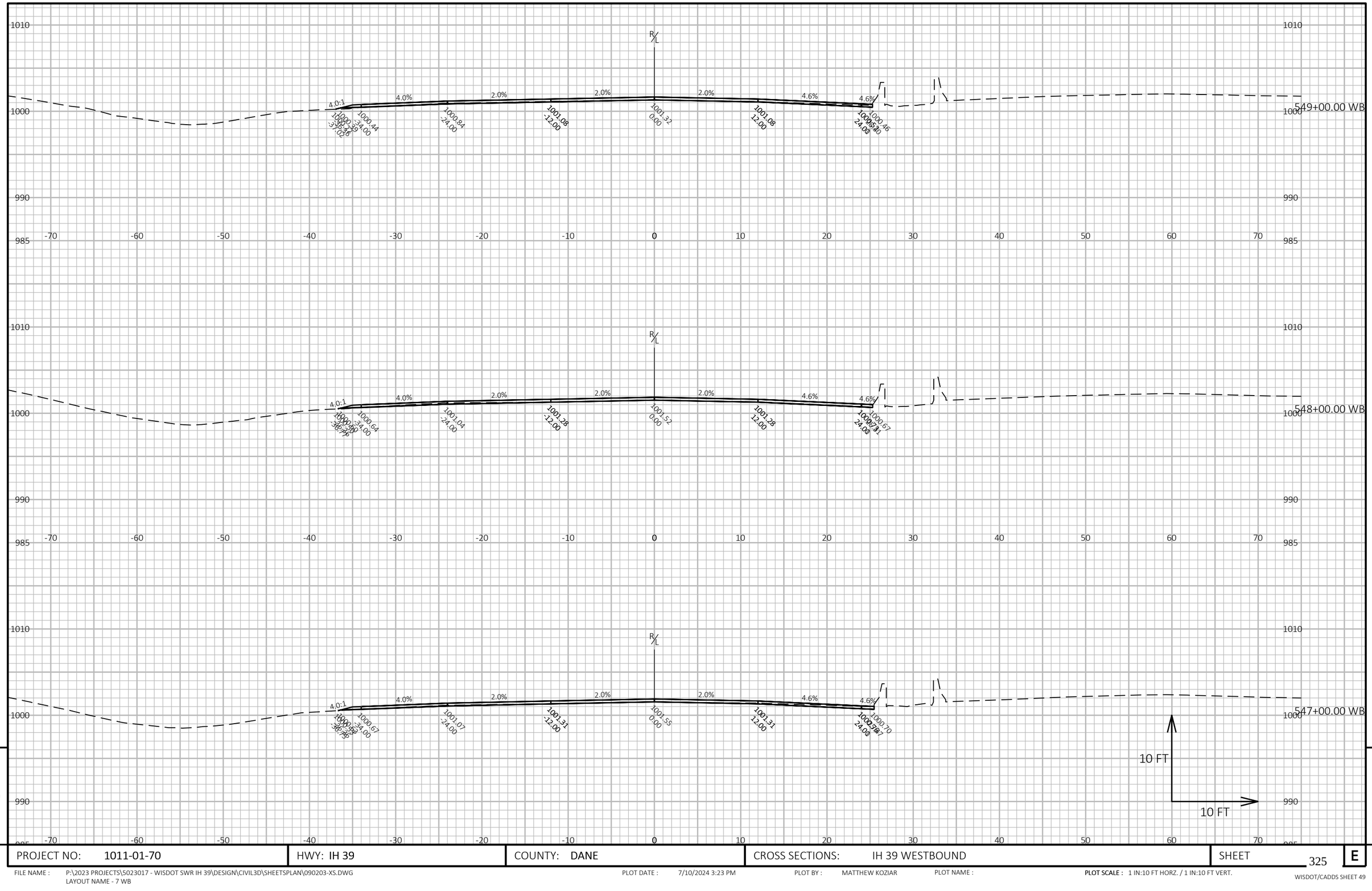


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 324	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 6 WB

PLOT DATE : 7/10/2024 3:19 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

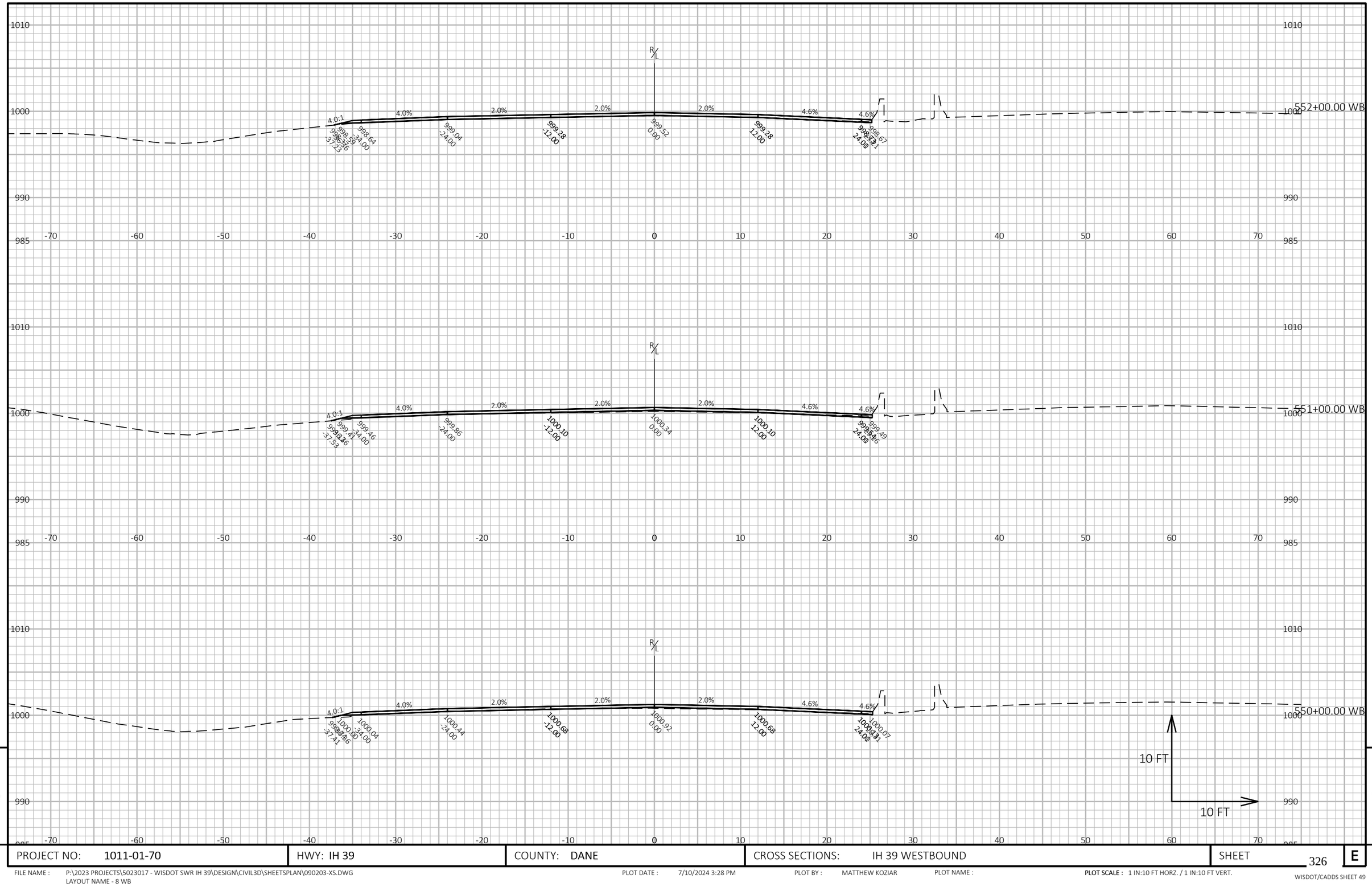
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 325	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 7 WB

PLOT DATE : 7/10/2024 3:23 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

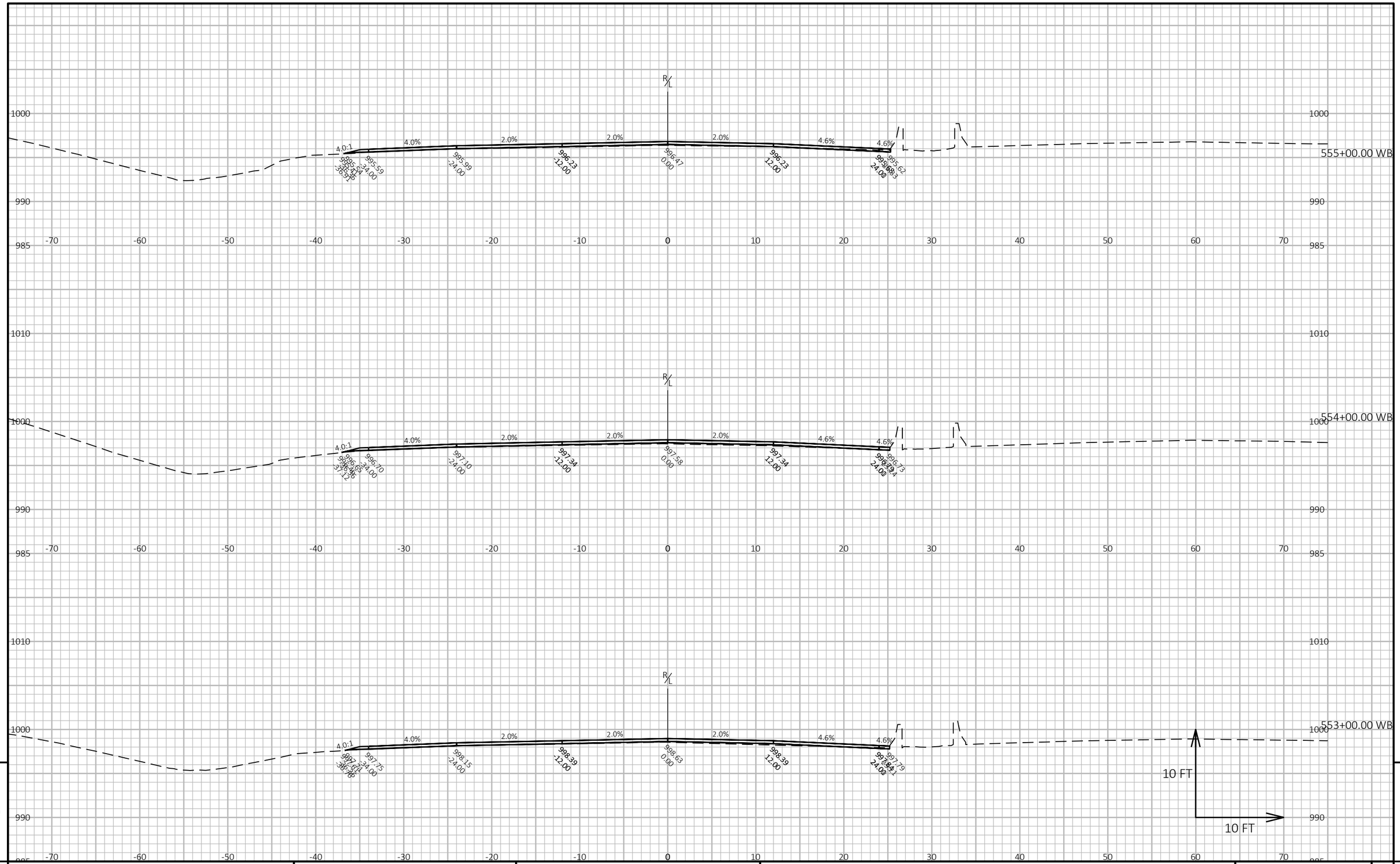
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 326	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 8 WB

PLOT DATE : 7/10/2024 3:28 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

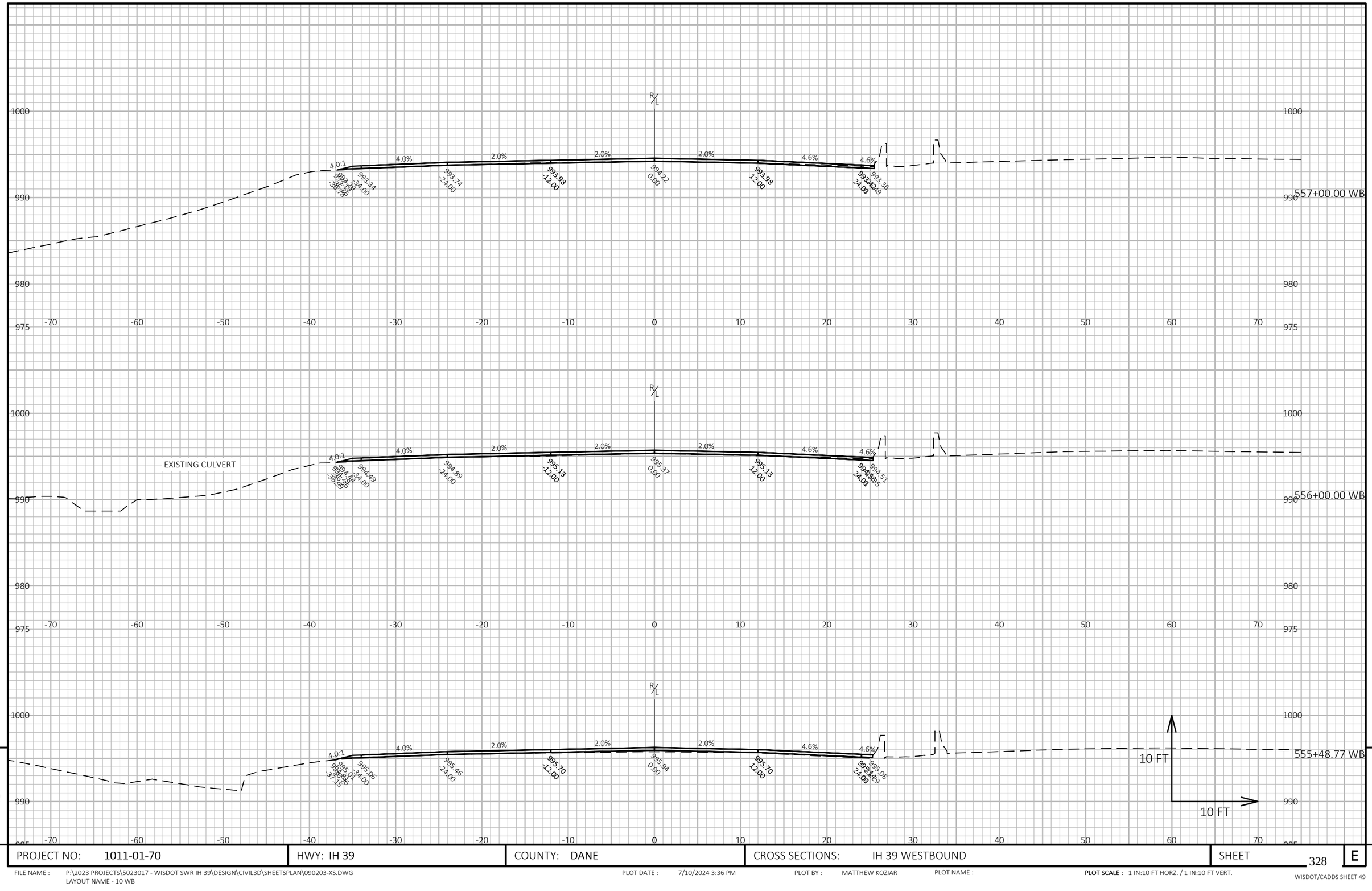
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 327	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 9 WB

PLOT DATE : 7/10/2024 3:32 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

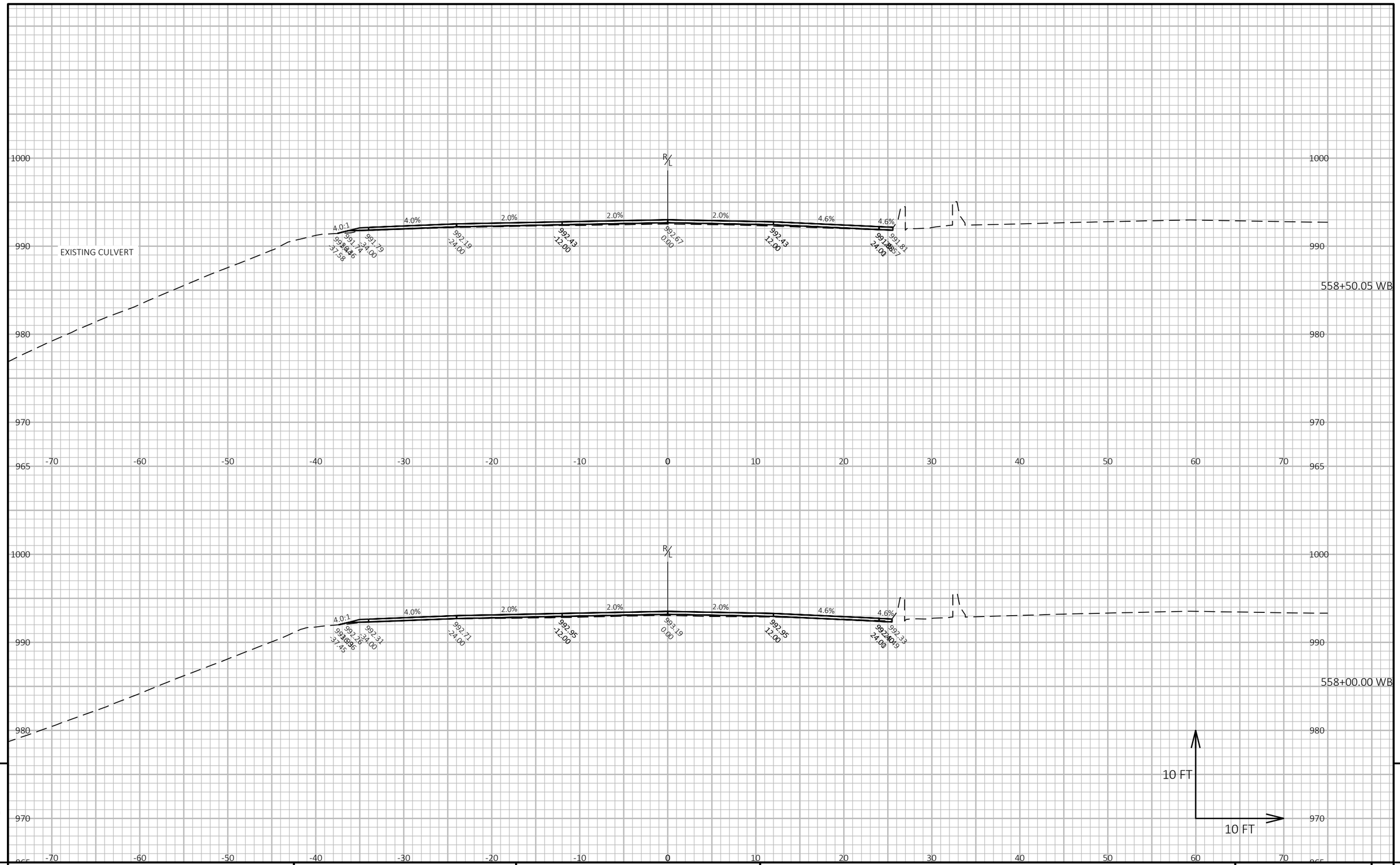


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 328	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 10 WB

PLOT DATE : 7/10/2024 3:36 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 329	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 11 WB

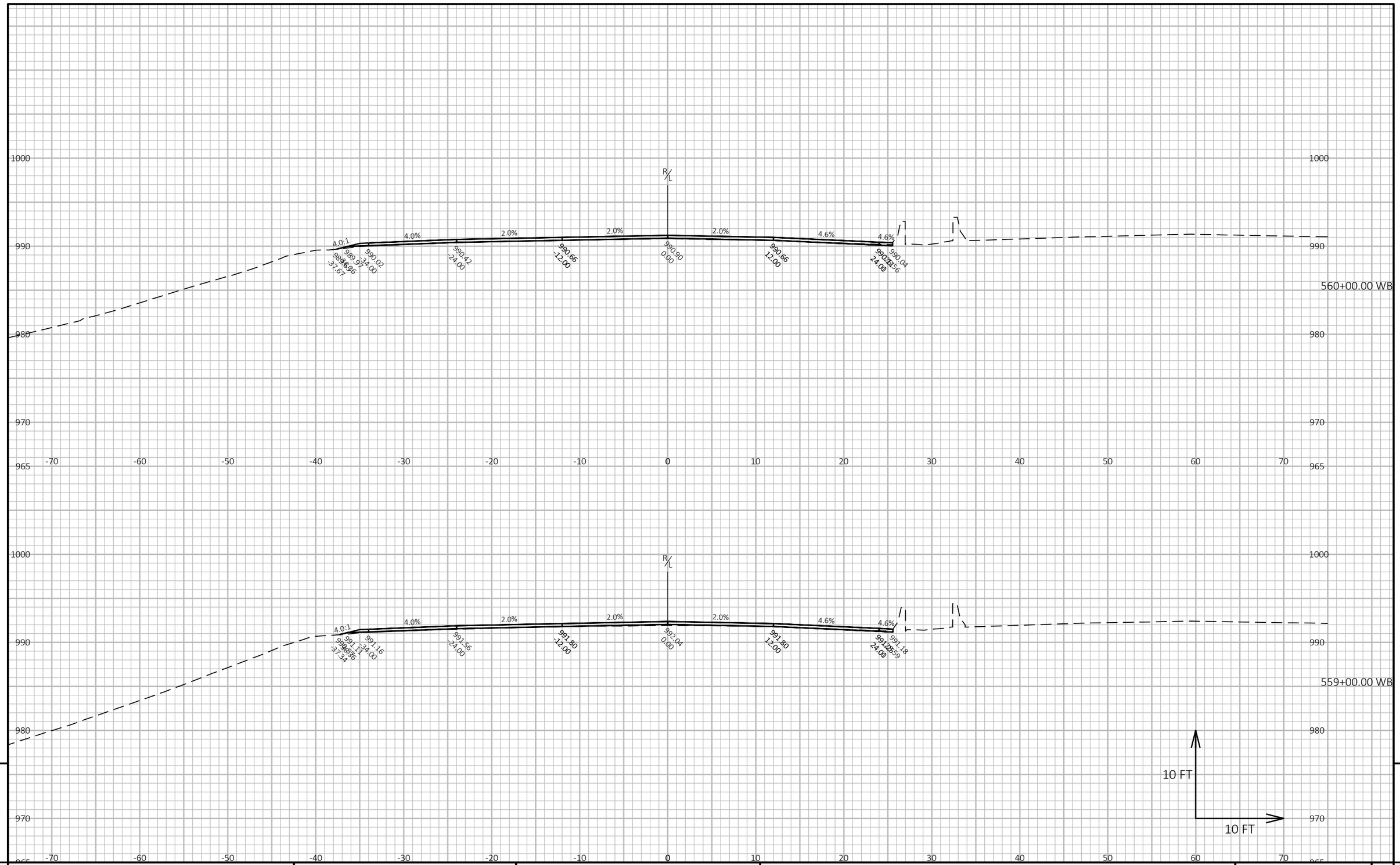
PLOT DATE : 7/10/2024 3:41 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 330	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 12 WB

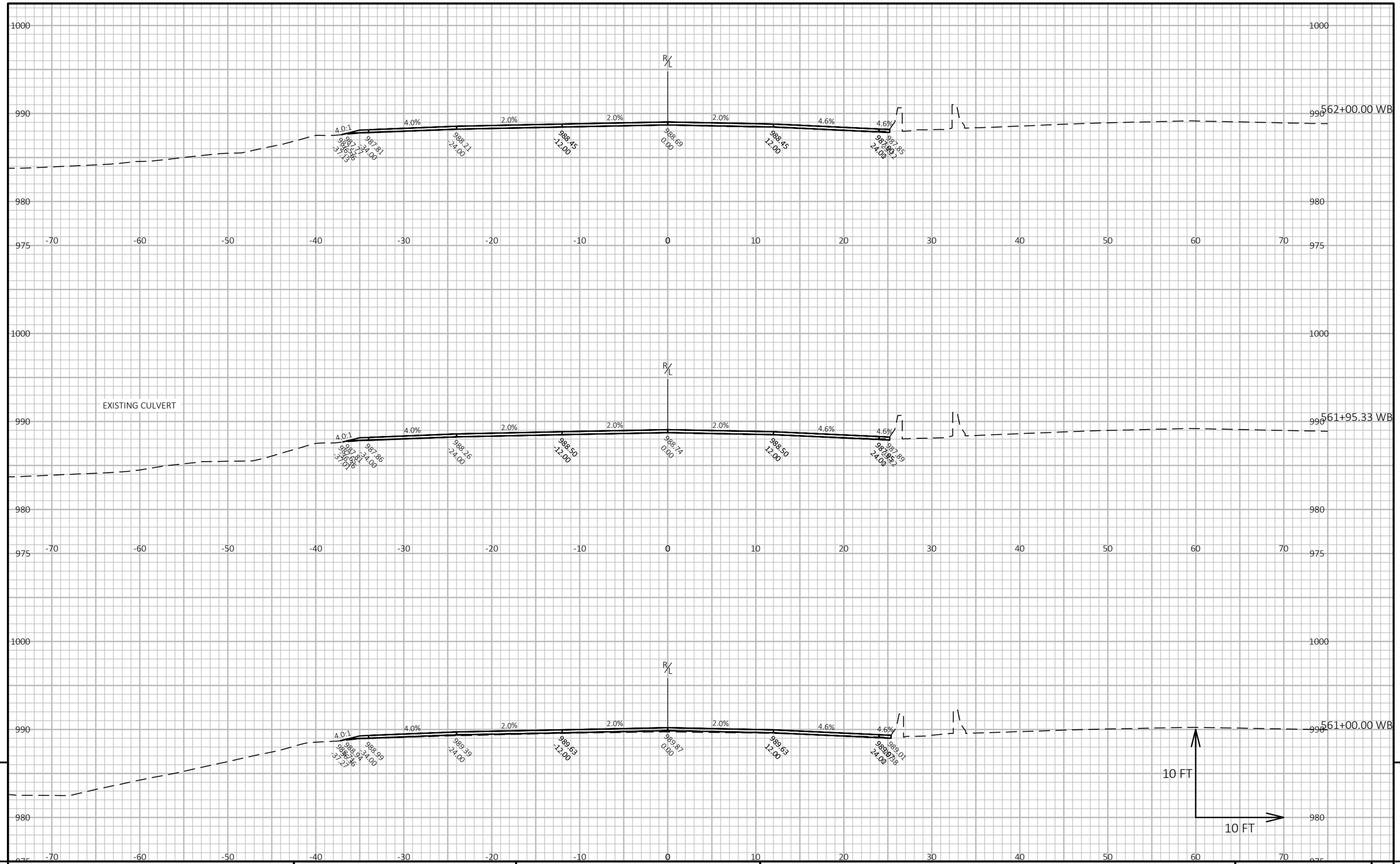
PLOT DATE : 7/10/2024 3:45 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



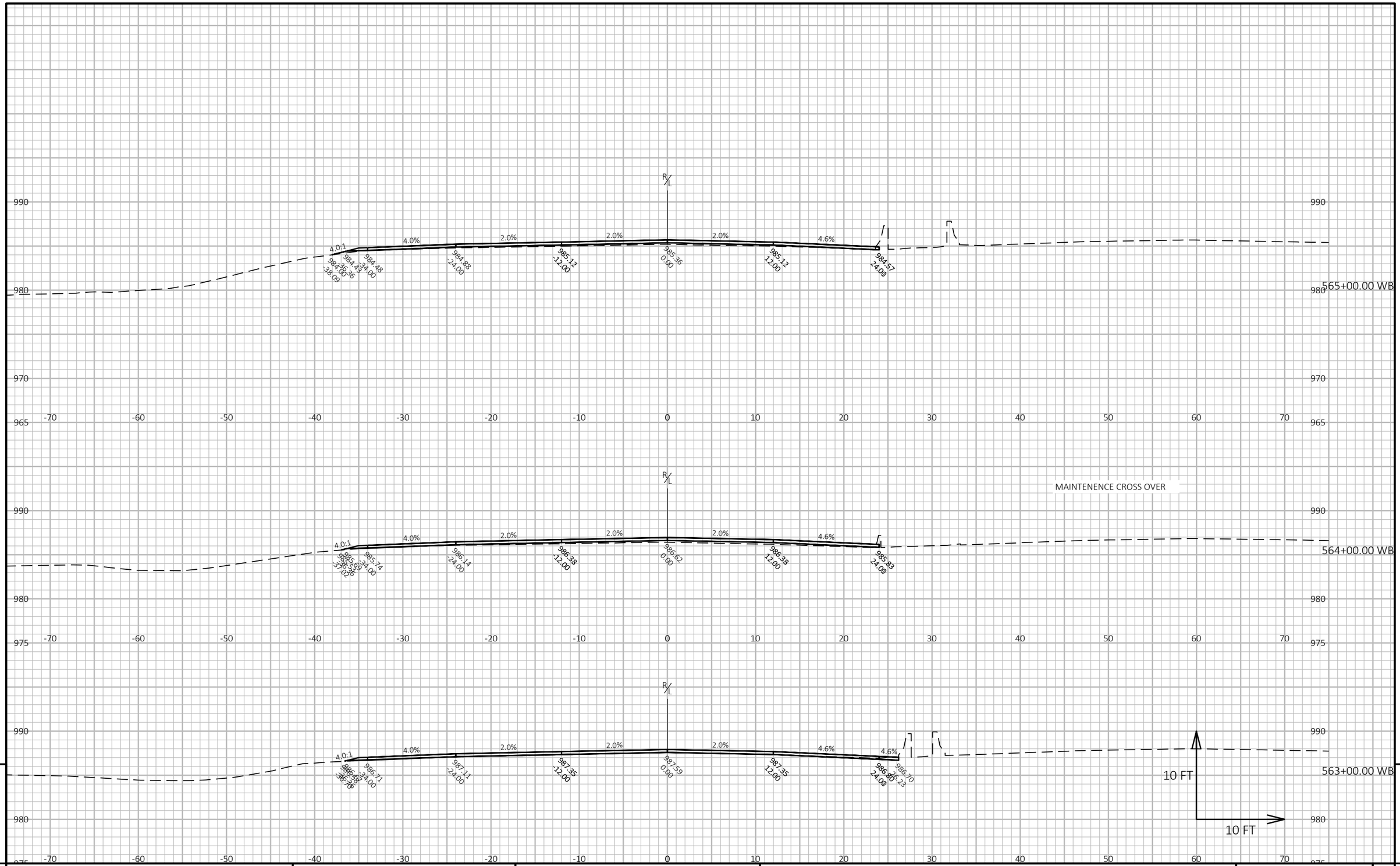
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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 331	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 13 WB

PLOT DATE : 7/10/2024 3:50 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

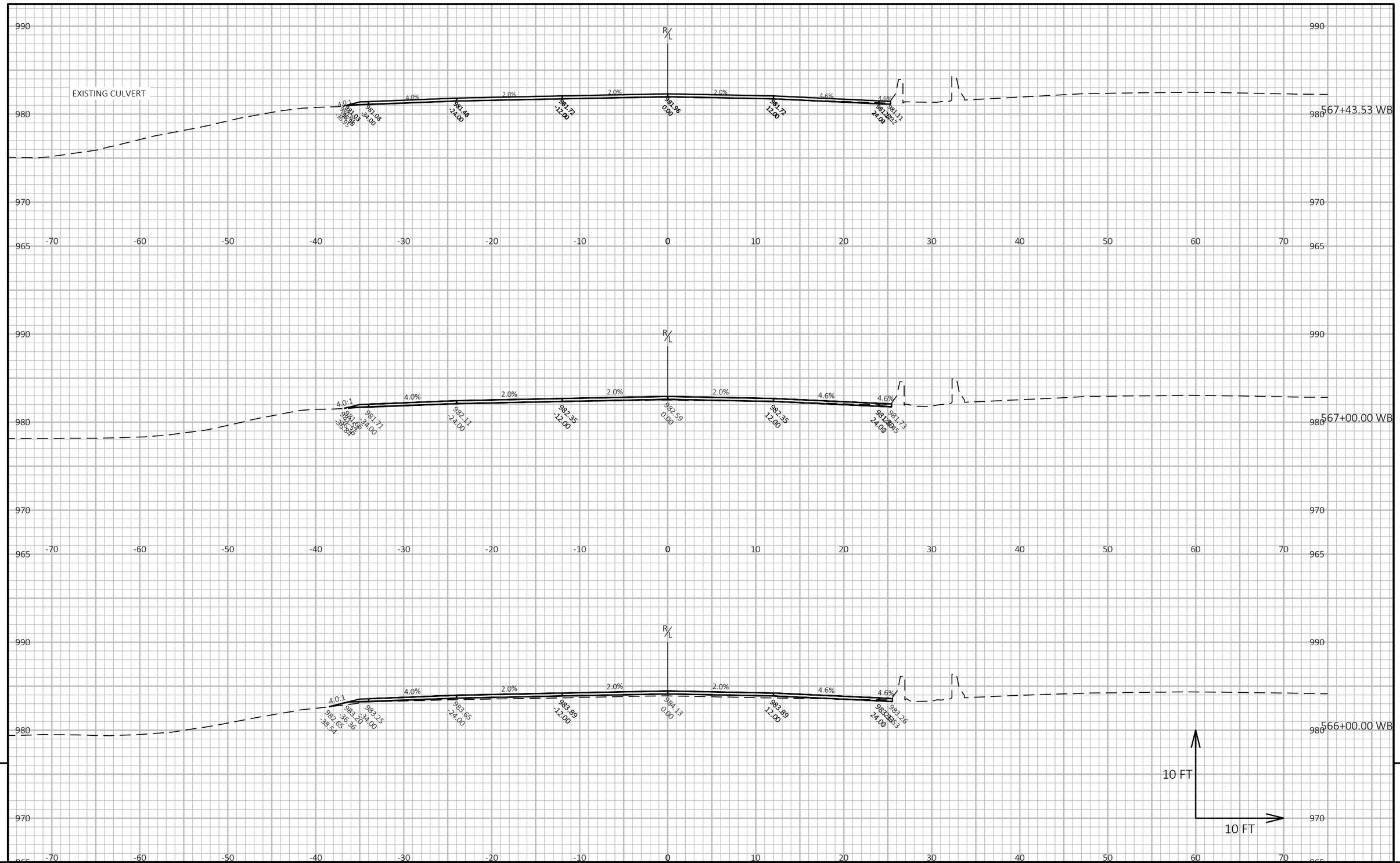


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 332	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 14 WB

PLOT DATE : 7/10/2024 3:54 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

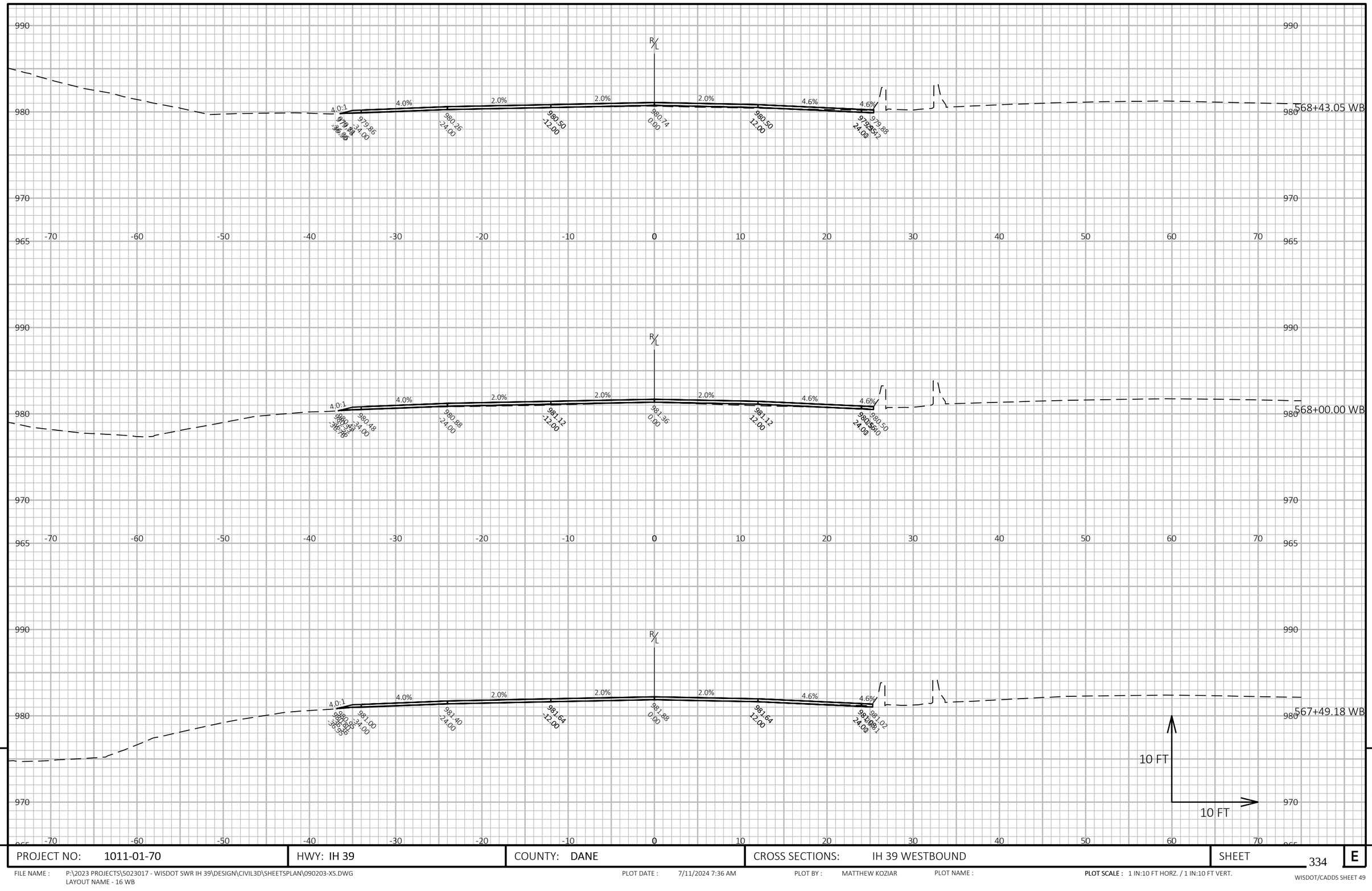


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 333 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 15 WB

PLOT DATE : 7/11/2024 7:35 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

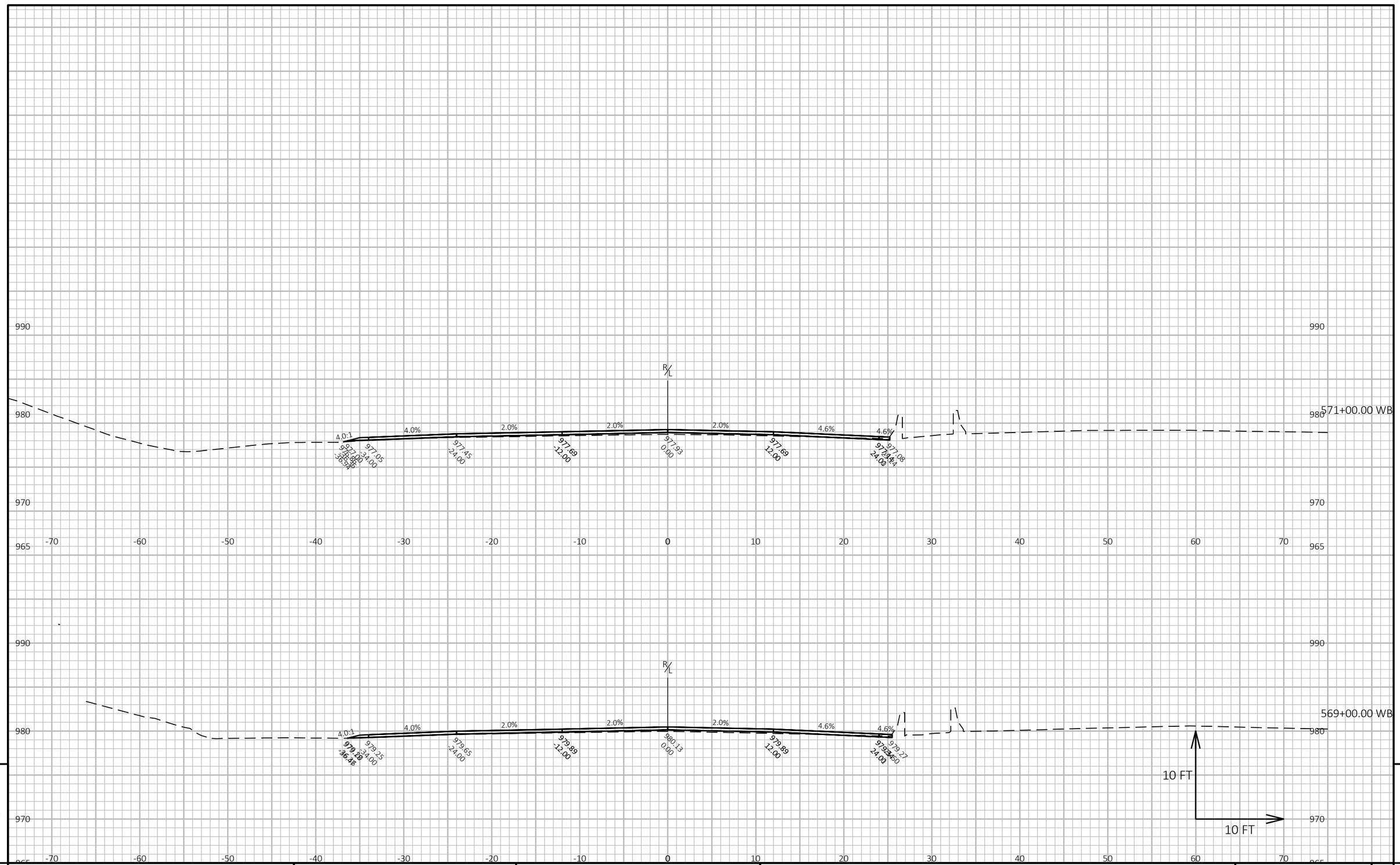
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 334	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 16 WB

PLOT DATE : 7/11/2024 7:36 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

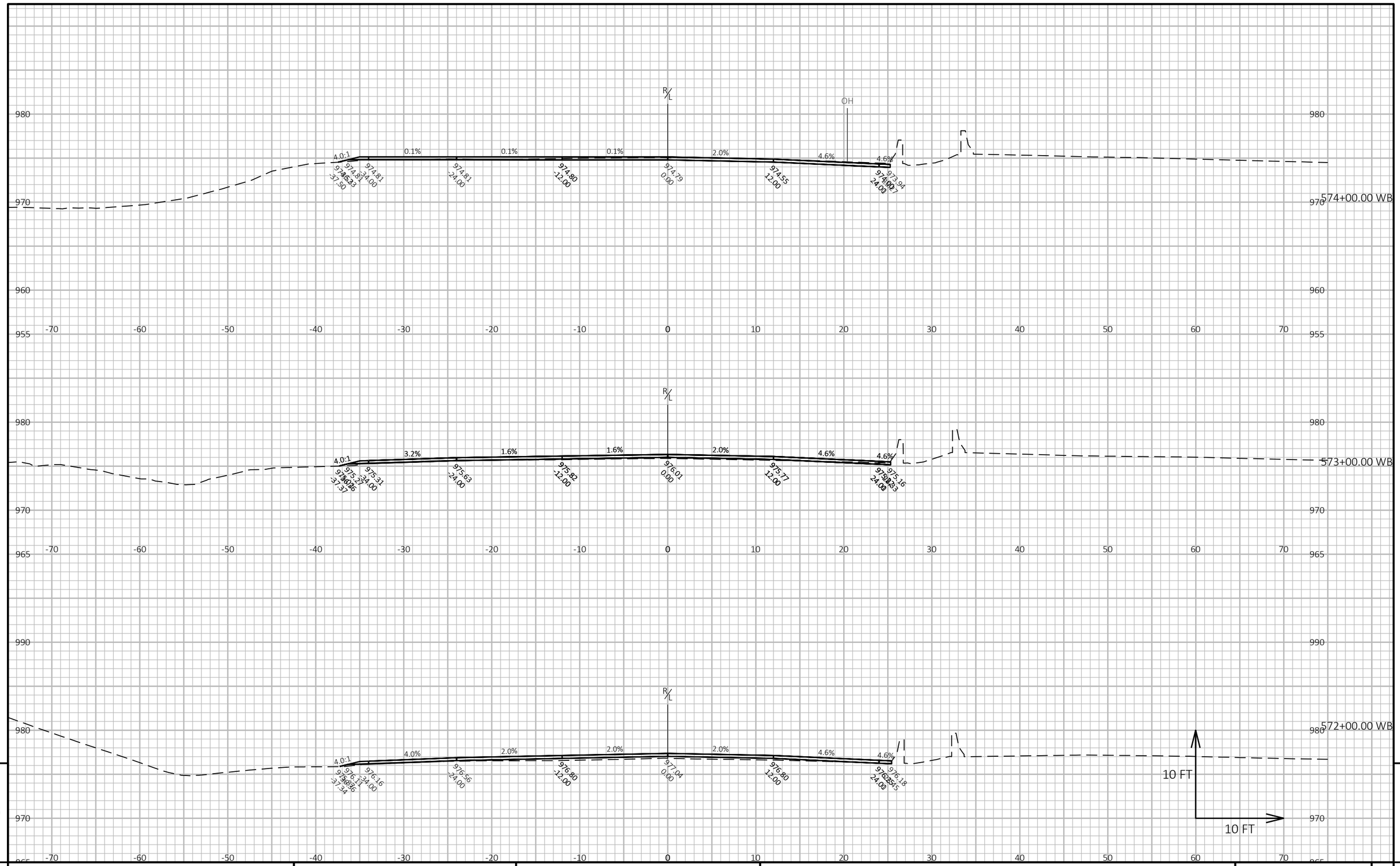
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 335	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 17 WB

PLOT DATE : 7/11/2024 7:37 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



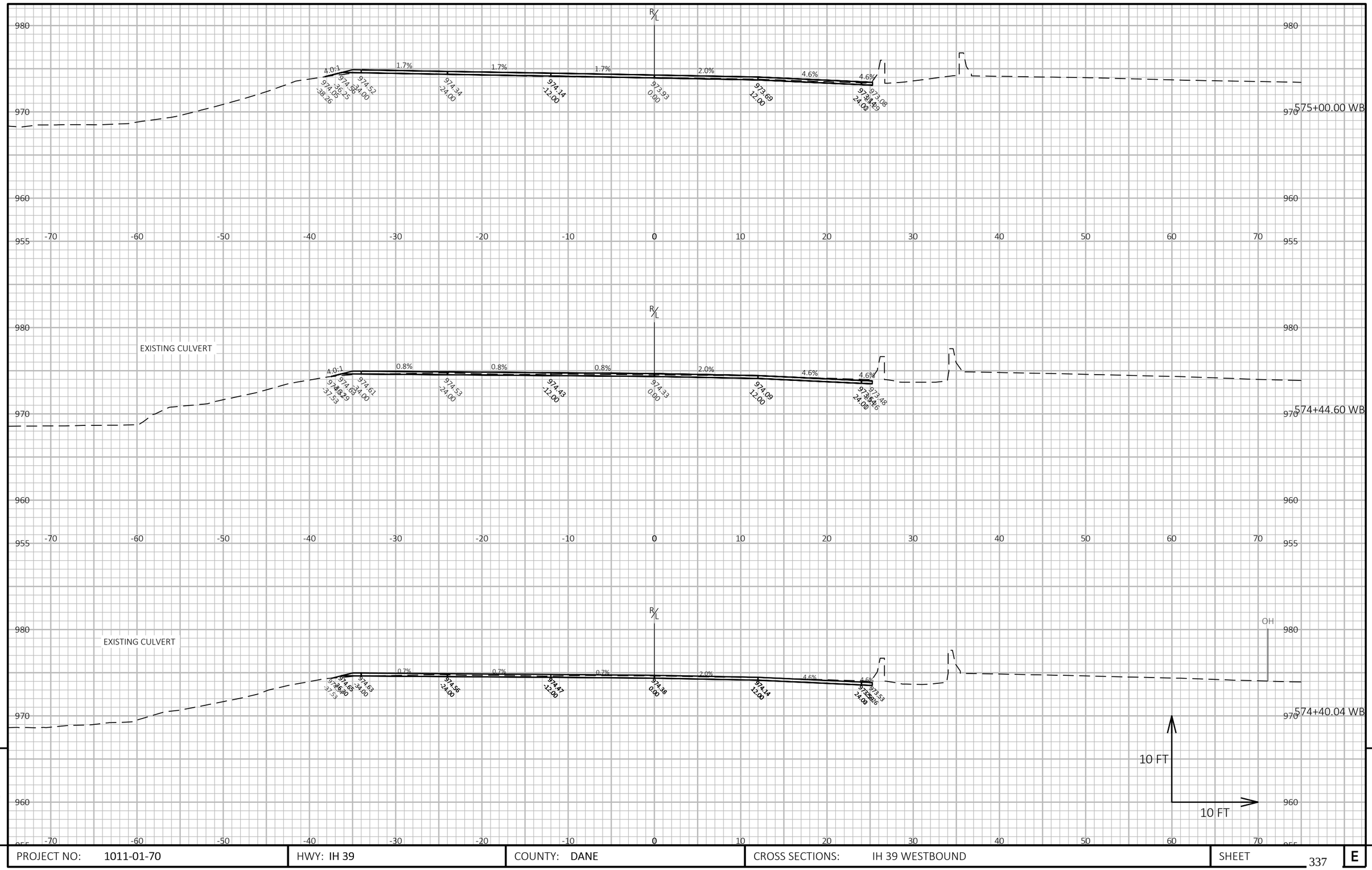
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 336 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 18 WB

PLOT DATE : 7/11/2024 7:37 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9 9

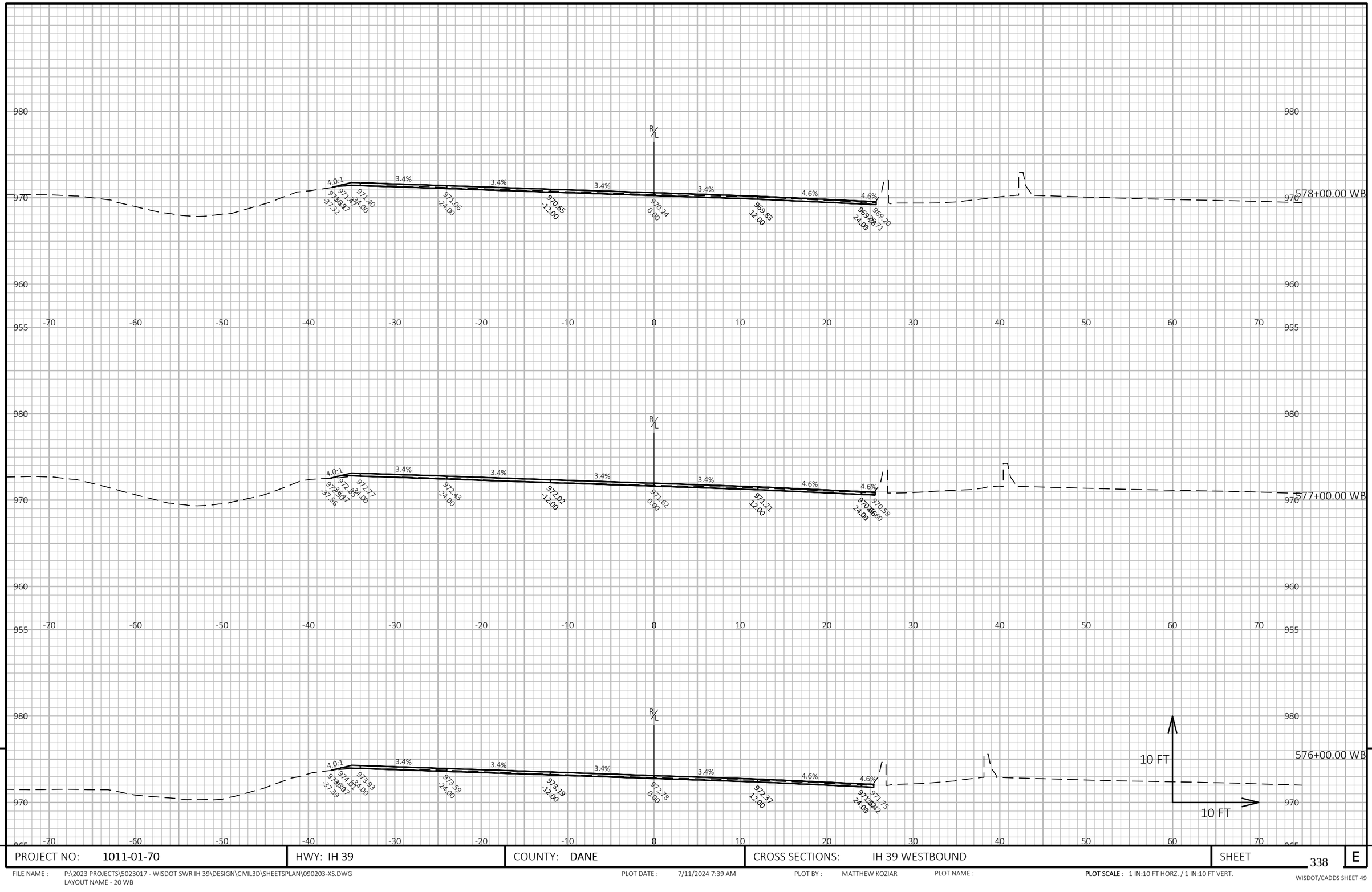
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 337	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 19 WB

PLOT DATE : 7/11/2024 7:38 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

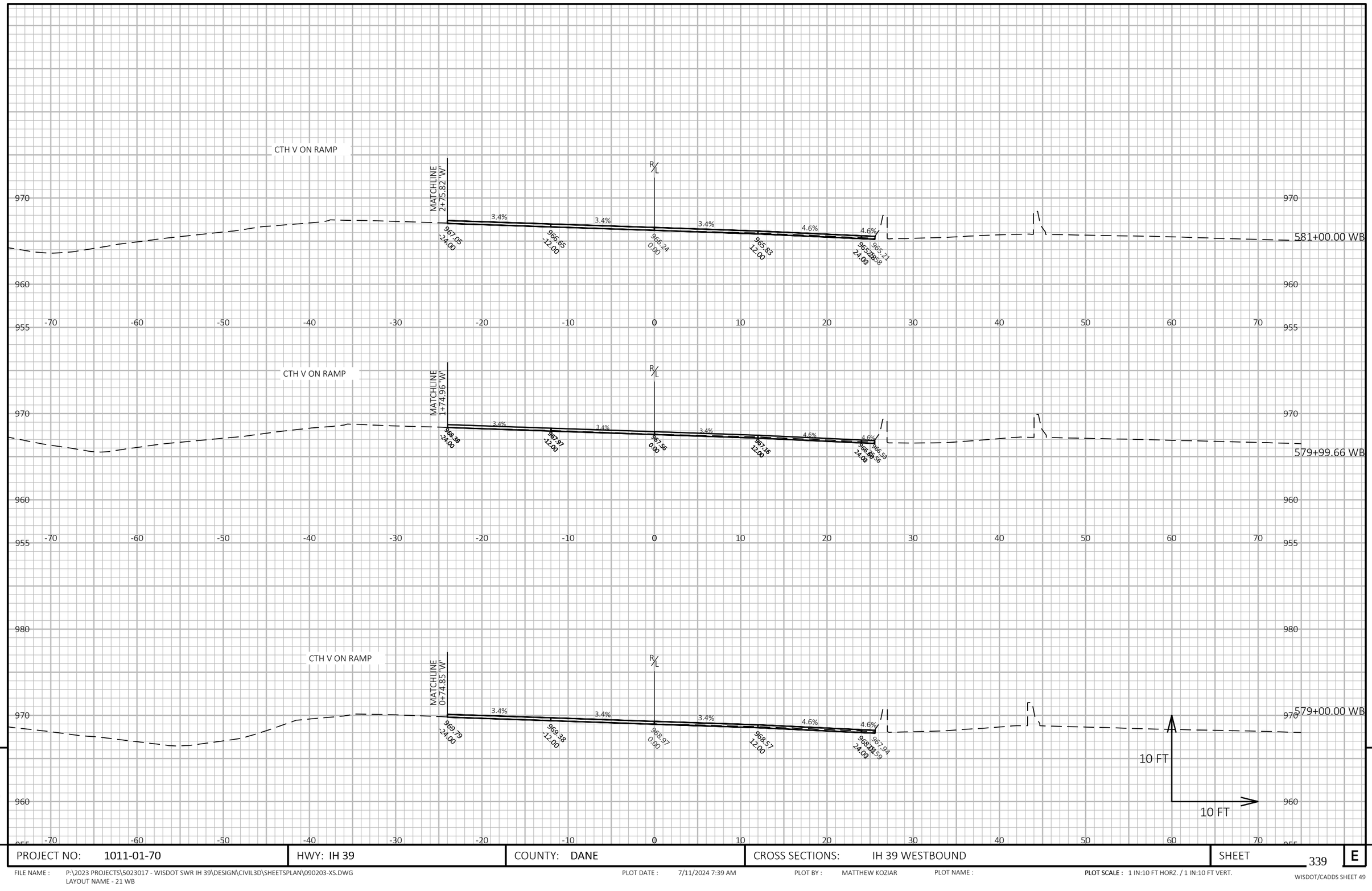
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 338	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 20 WB

PLOT DATE : 7/11/2024 7:39 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

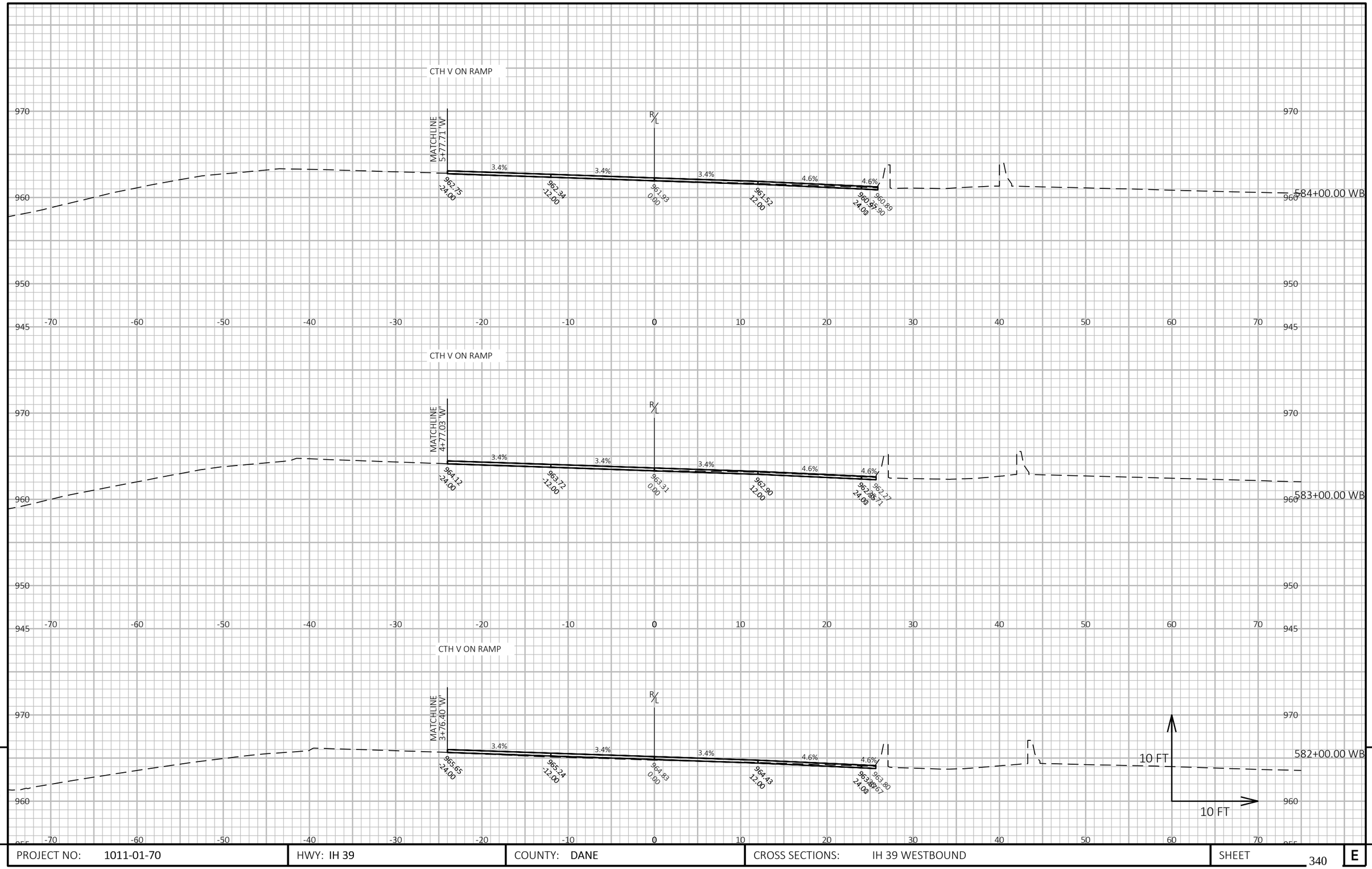


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 339	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 21 WB

PLOT DATE : 7/11/2024 7:39 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

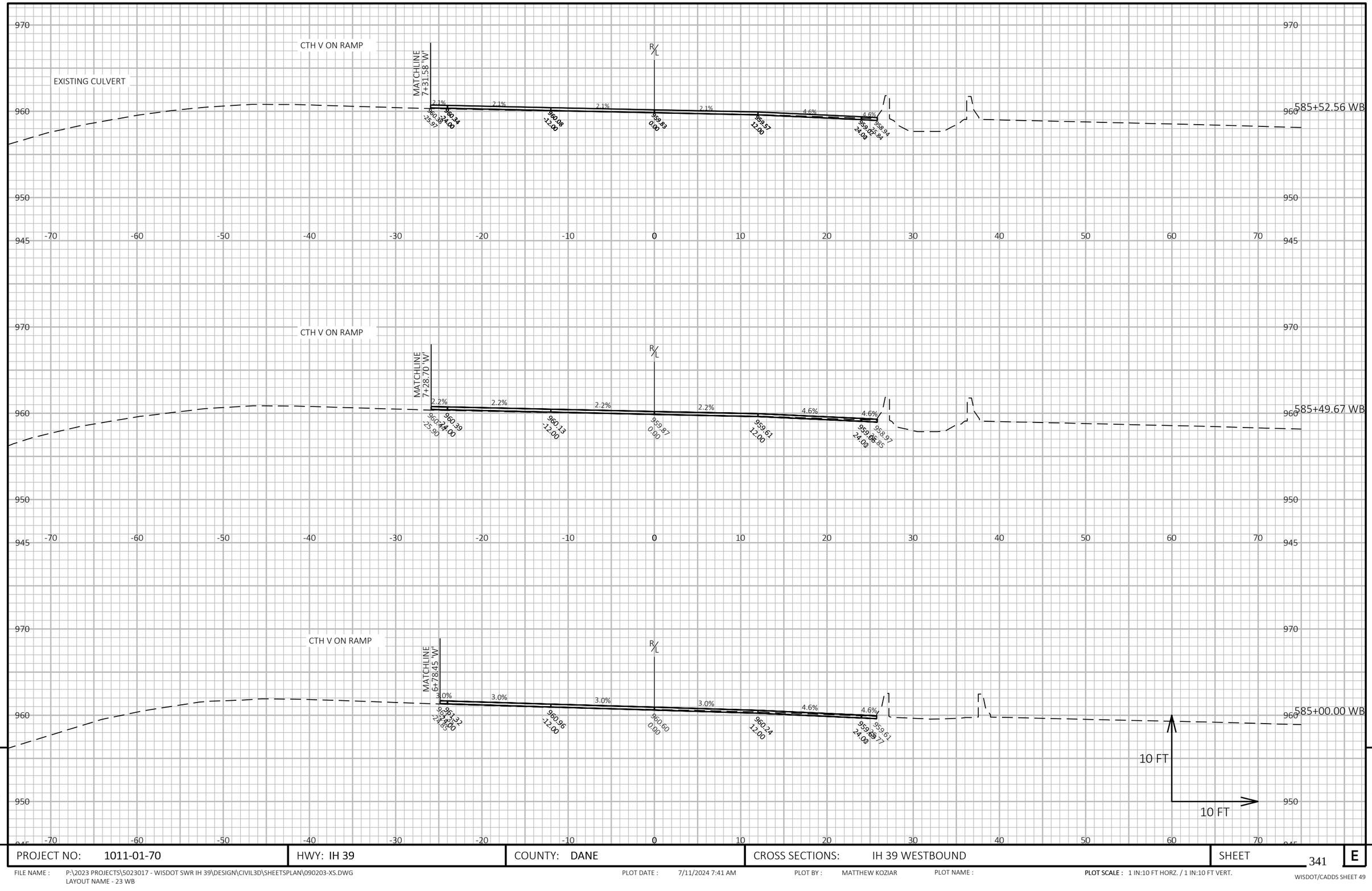
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 340	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 22 WB

PLOT DATE : 7/11/2024 7:40 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

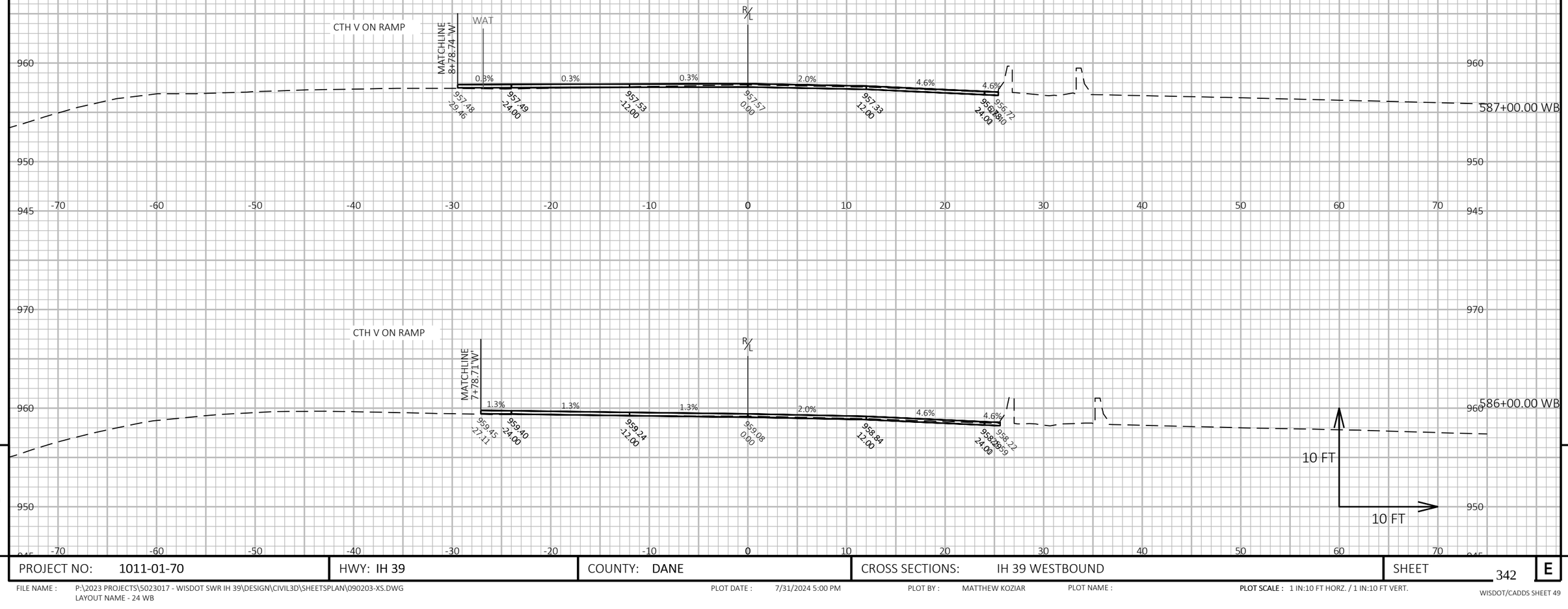
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 341	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 23 WB

PLOT DATE : 7/11/2024 7:41 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

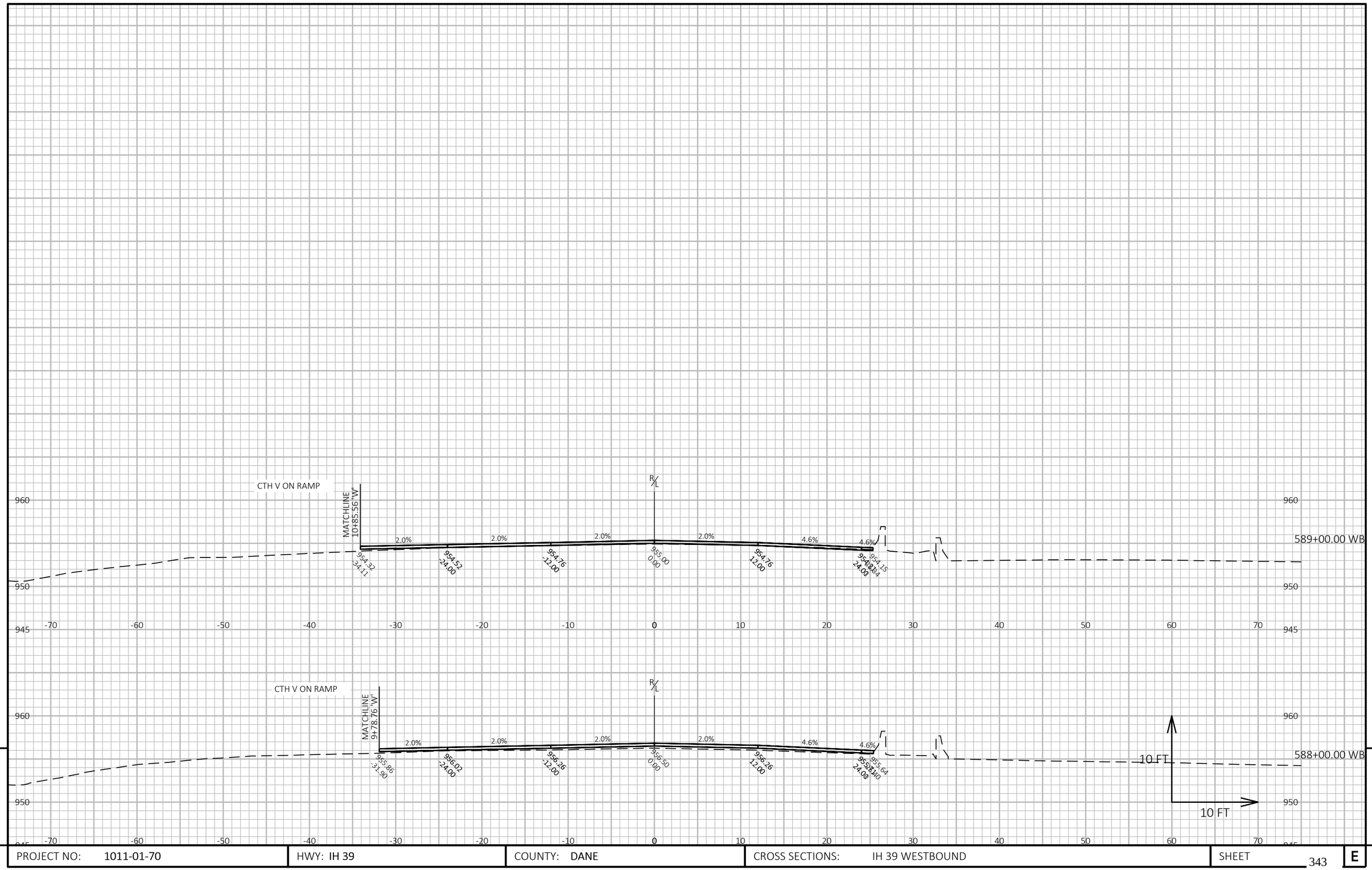


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 342	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 24 WB

PLOT DATE : 7/31/2024 5:00 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

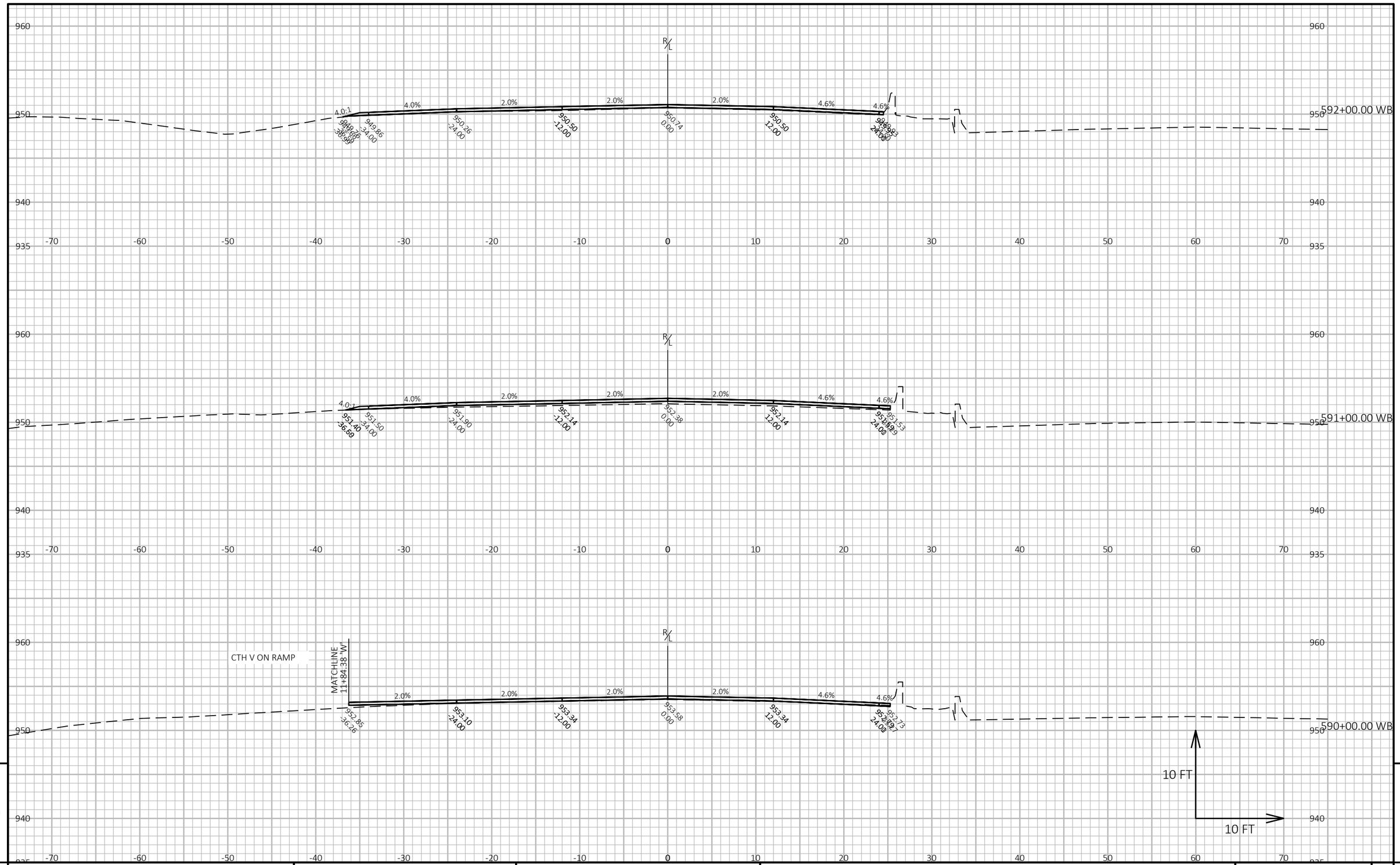


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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 343	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 25 WB

PLOT DATE : 7/31/2024 3:46 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

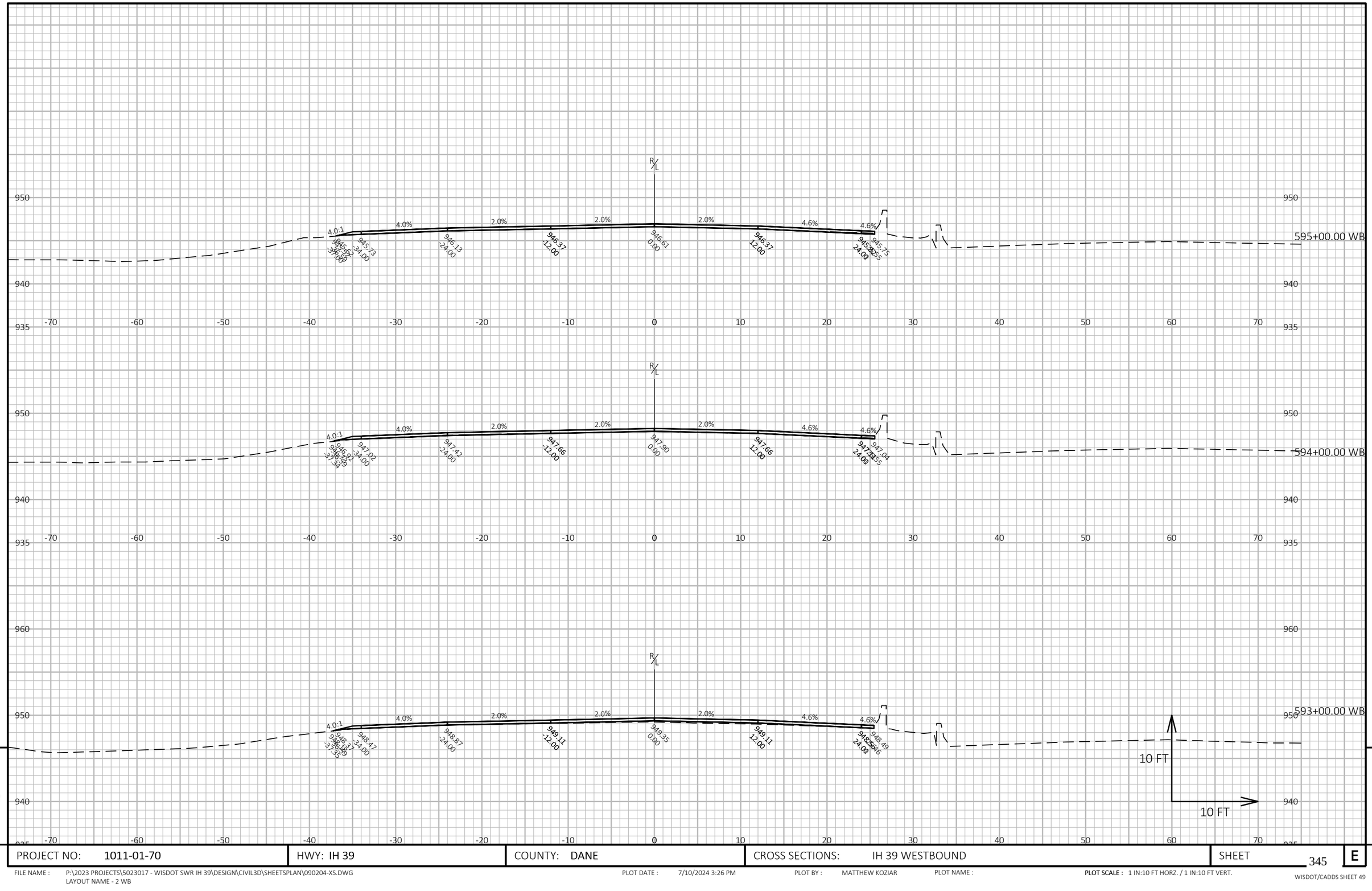
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 344	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 1 WB

PLOT DATE : 7/10/2024 3:24 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

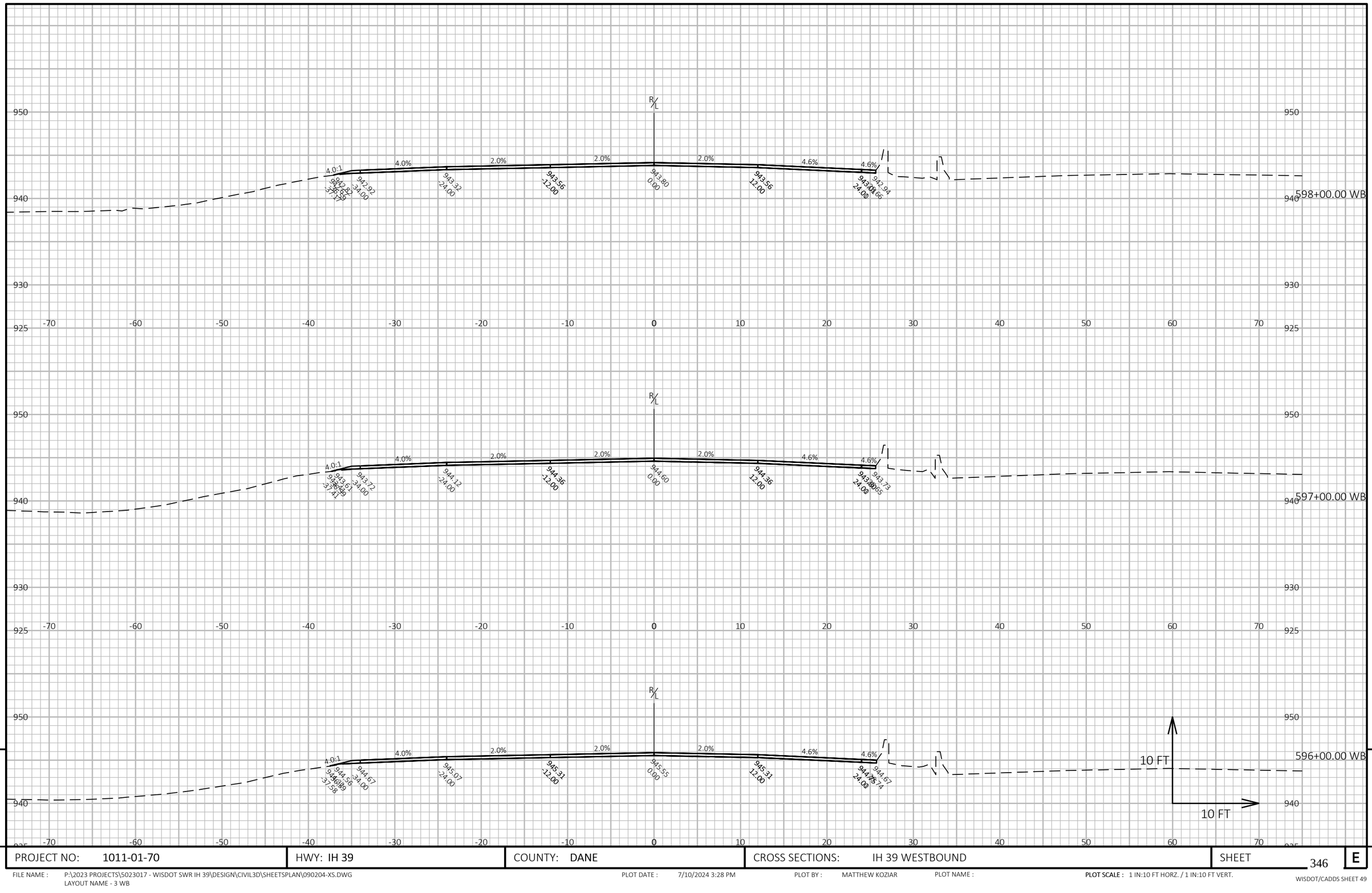


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 345 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 2 WB

PLOT DATE : 7/10/2024 3:26 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

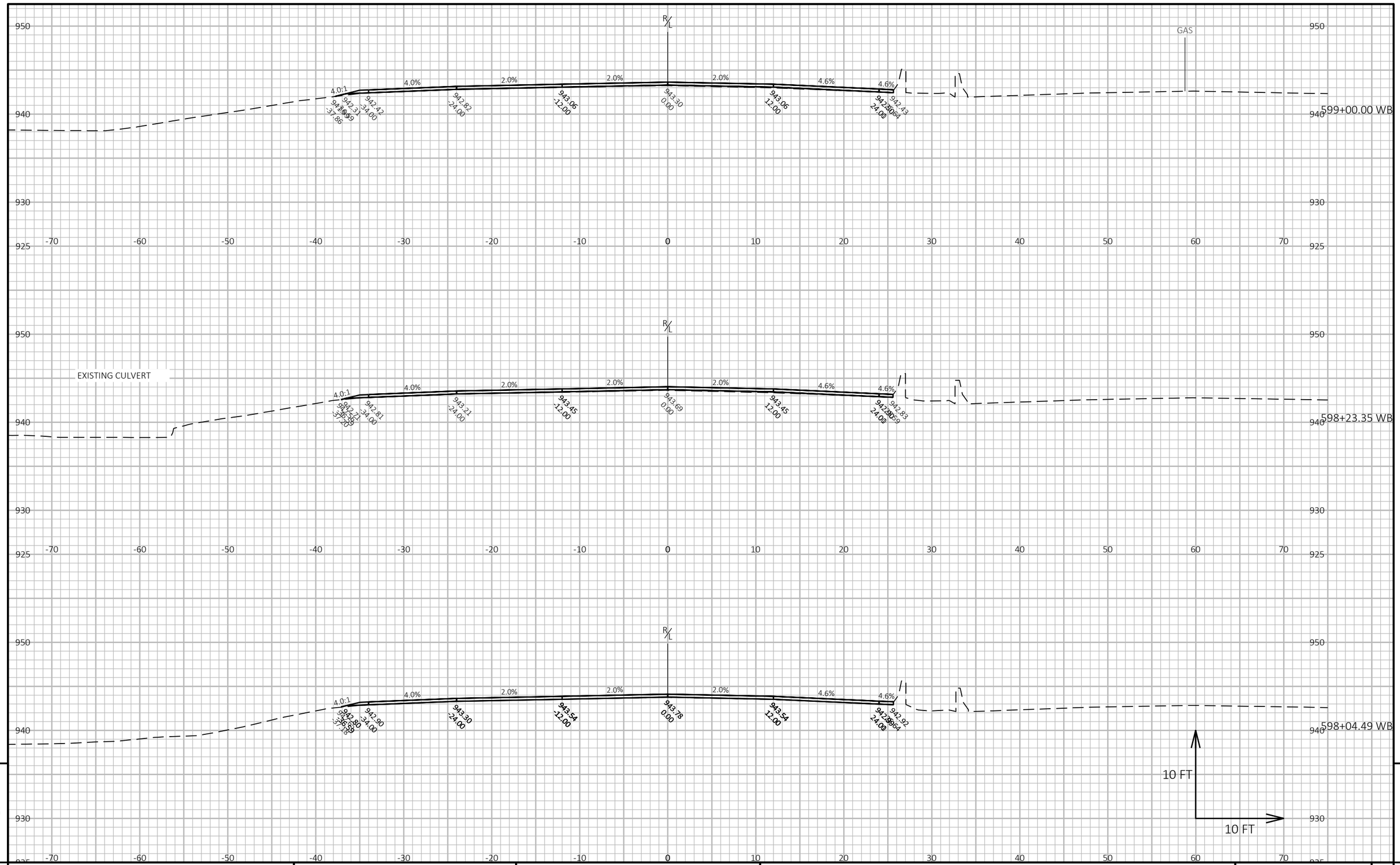
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 346	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 3 WB

PLOT DATE : 7/10/2024 3:28 PM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

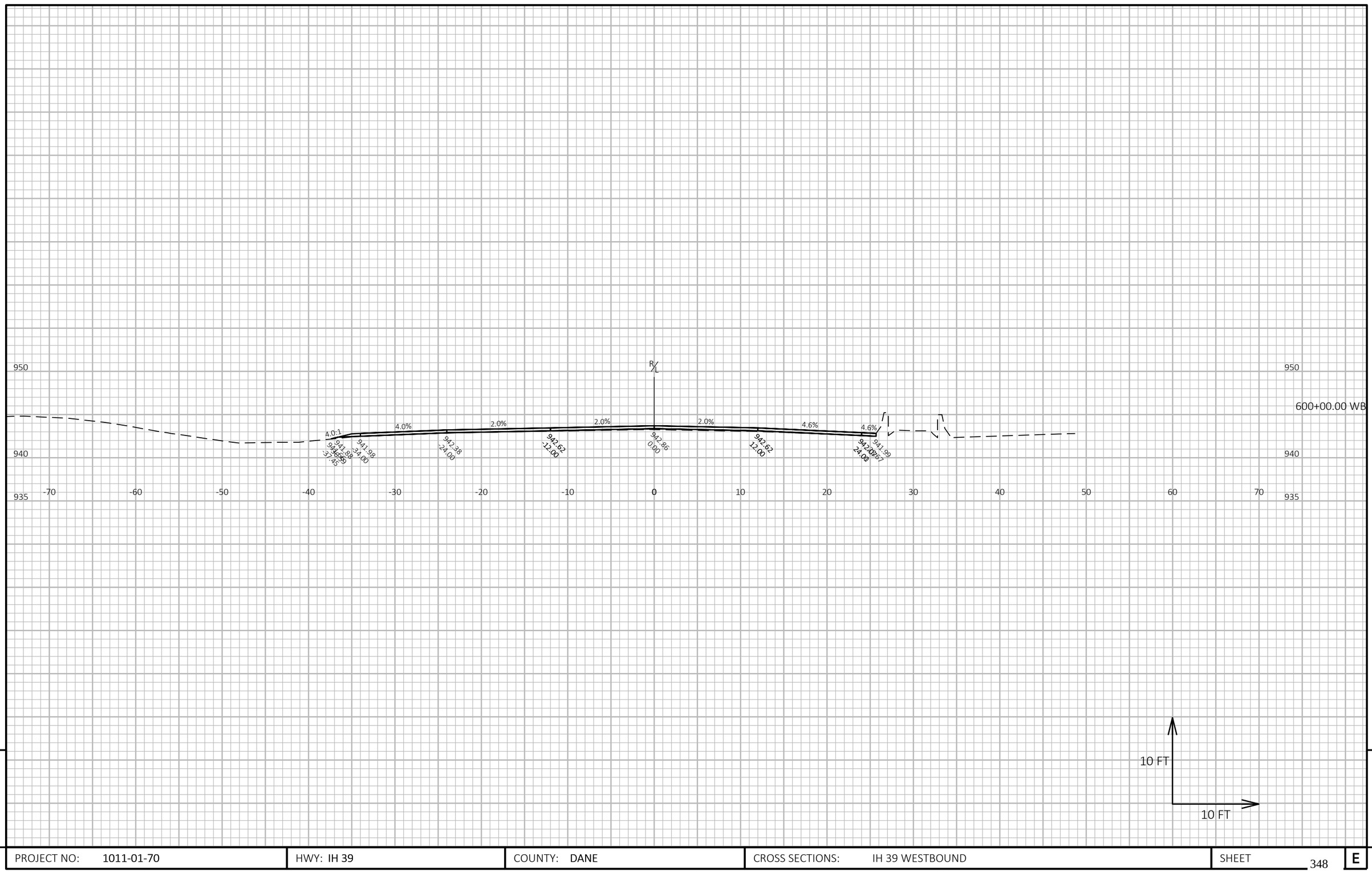
WISDOT/CADDS SHEET 49



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 347	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 4 WB

PLOT DATE : 7/10/2024 3:30 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 348	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 5 WB

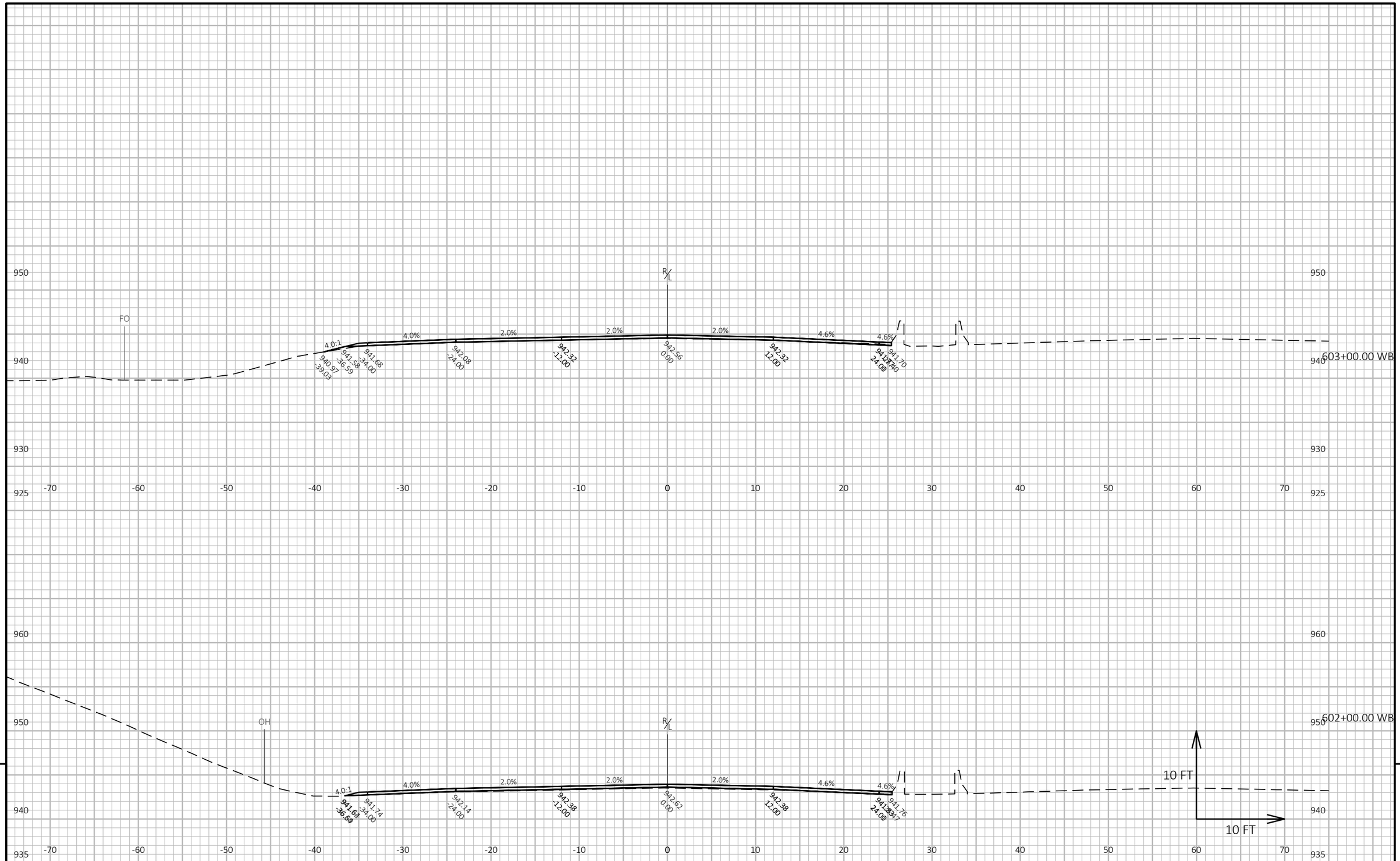
PLOT DATE : 7/10/2024 3:32 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

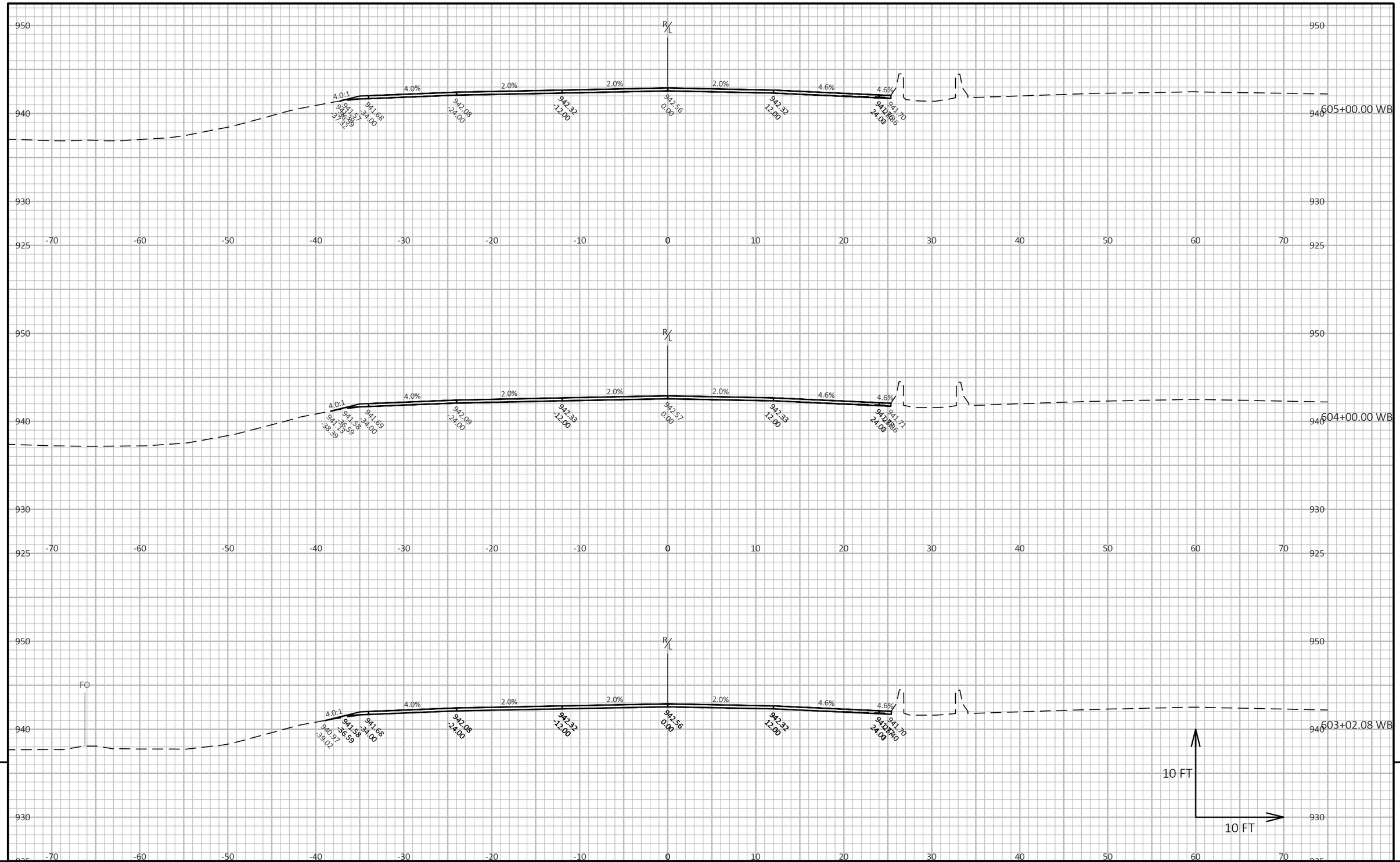
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 349	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 6 WB

PLOT DATE : 7/10/2024 3:35 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

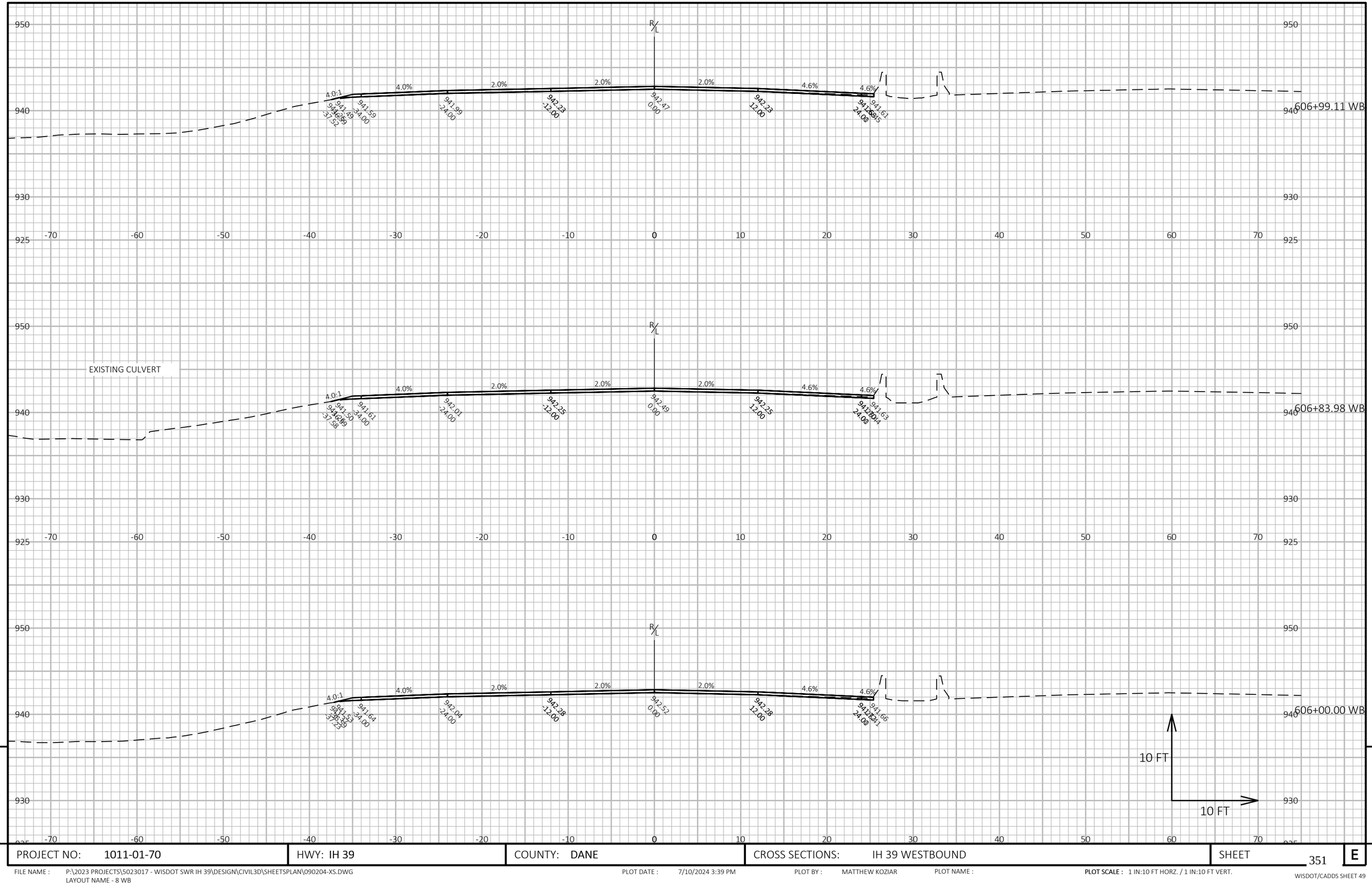


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 350	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 7 WB

PLOT DATE : 7/10/2024 3:37 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



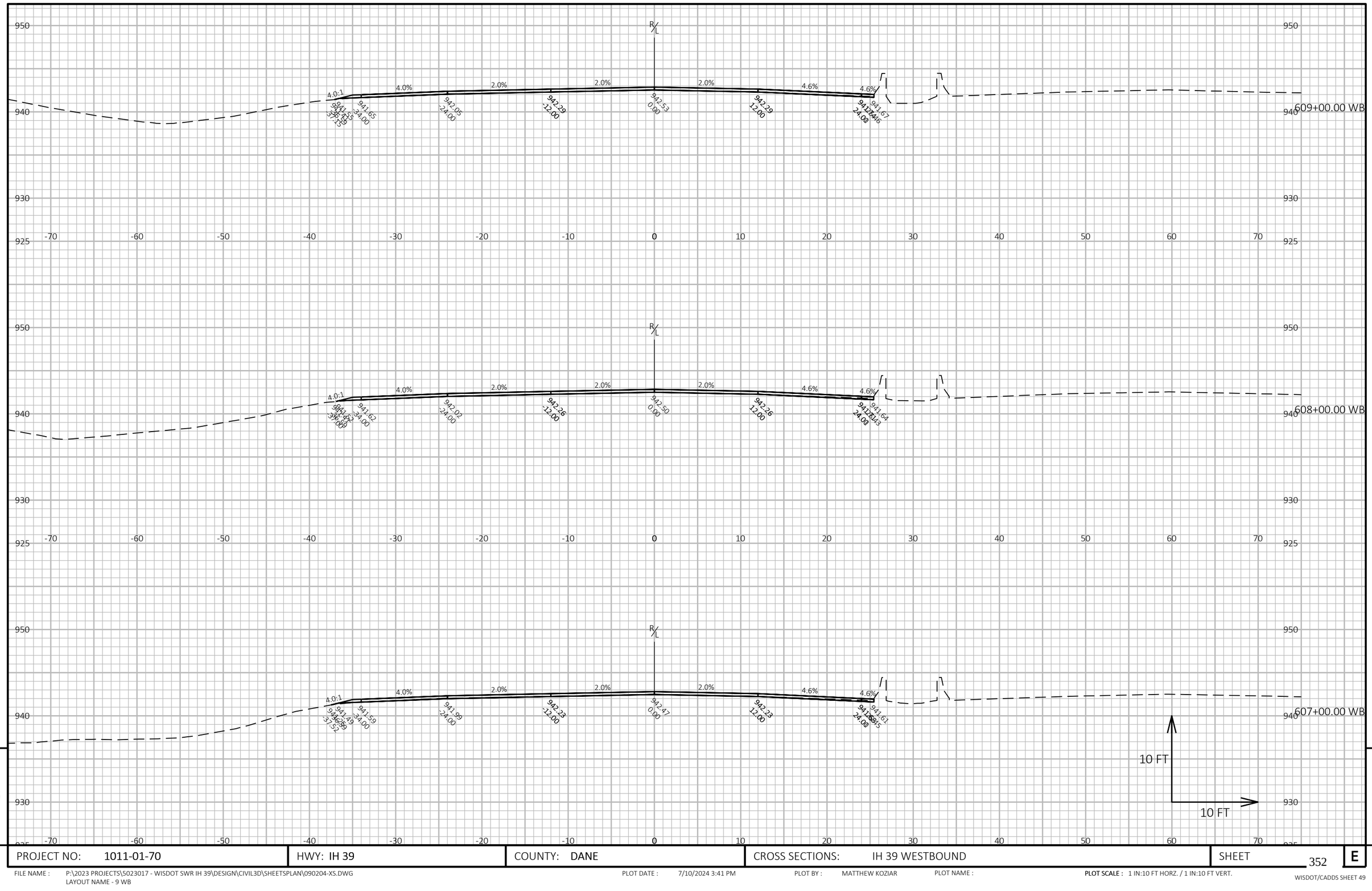
9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 351	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 8 WB

PLOT DATE : 7/10/2024 3:39 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

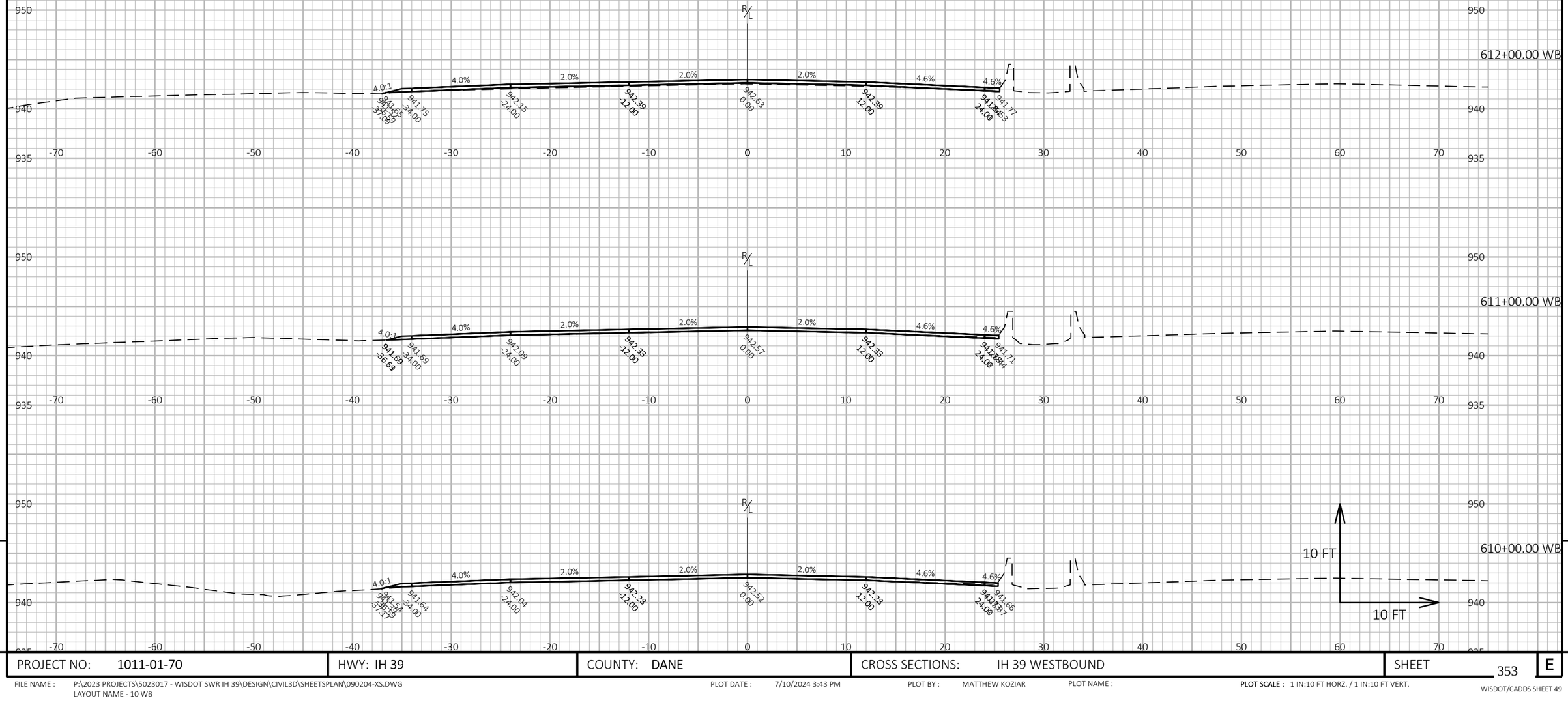


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 352	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 9 WB

PLOT DATE : 7/10/2024 3:41 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 353	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 10 WB

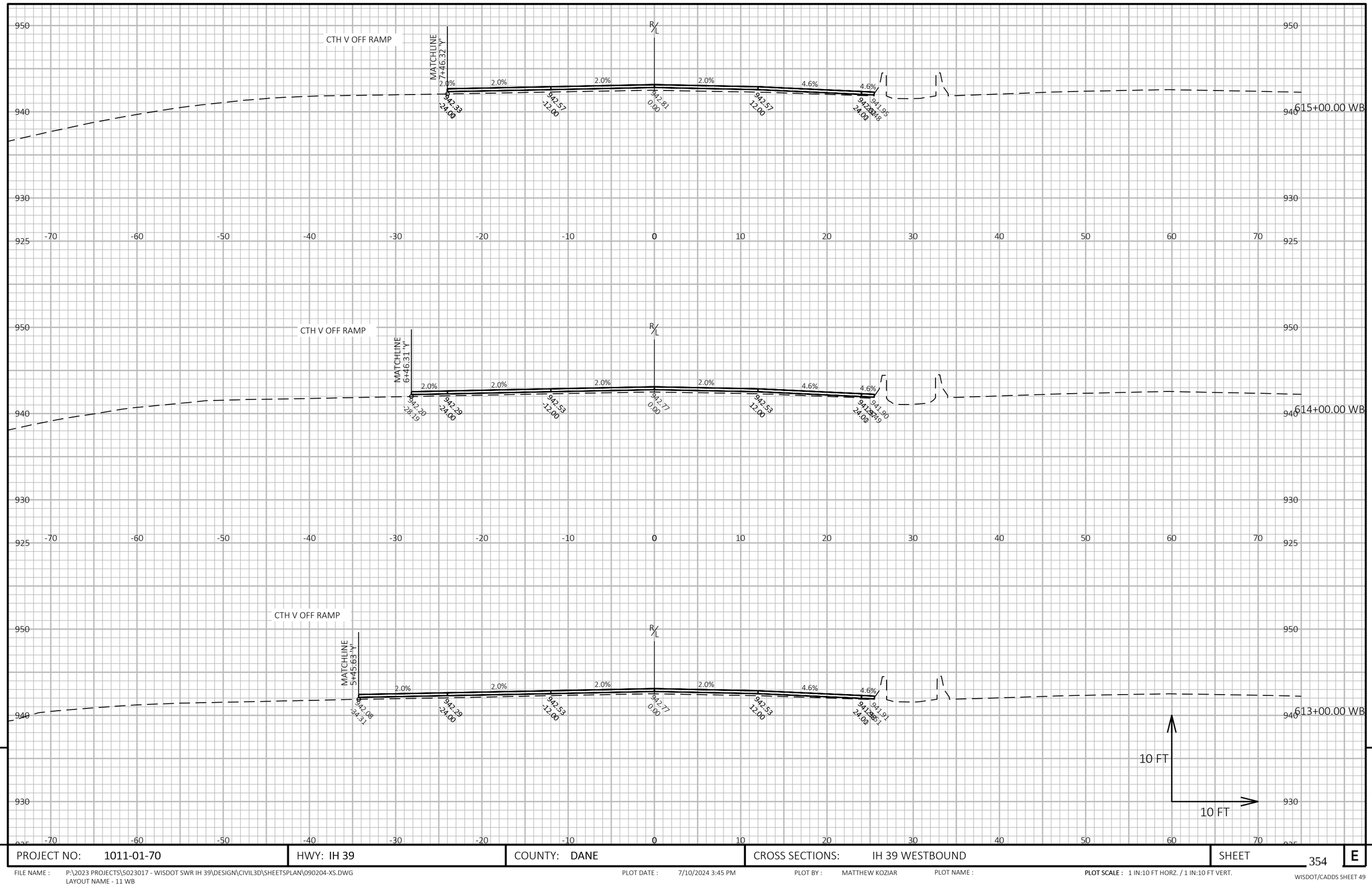
PLOT DATE : 7/10/2024 3:43 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

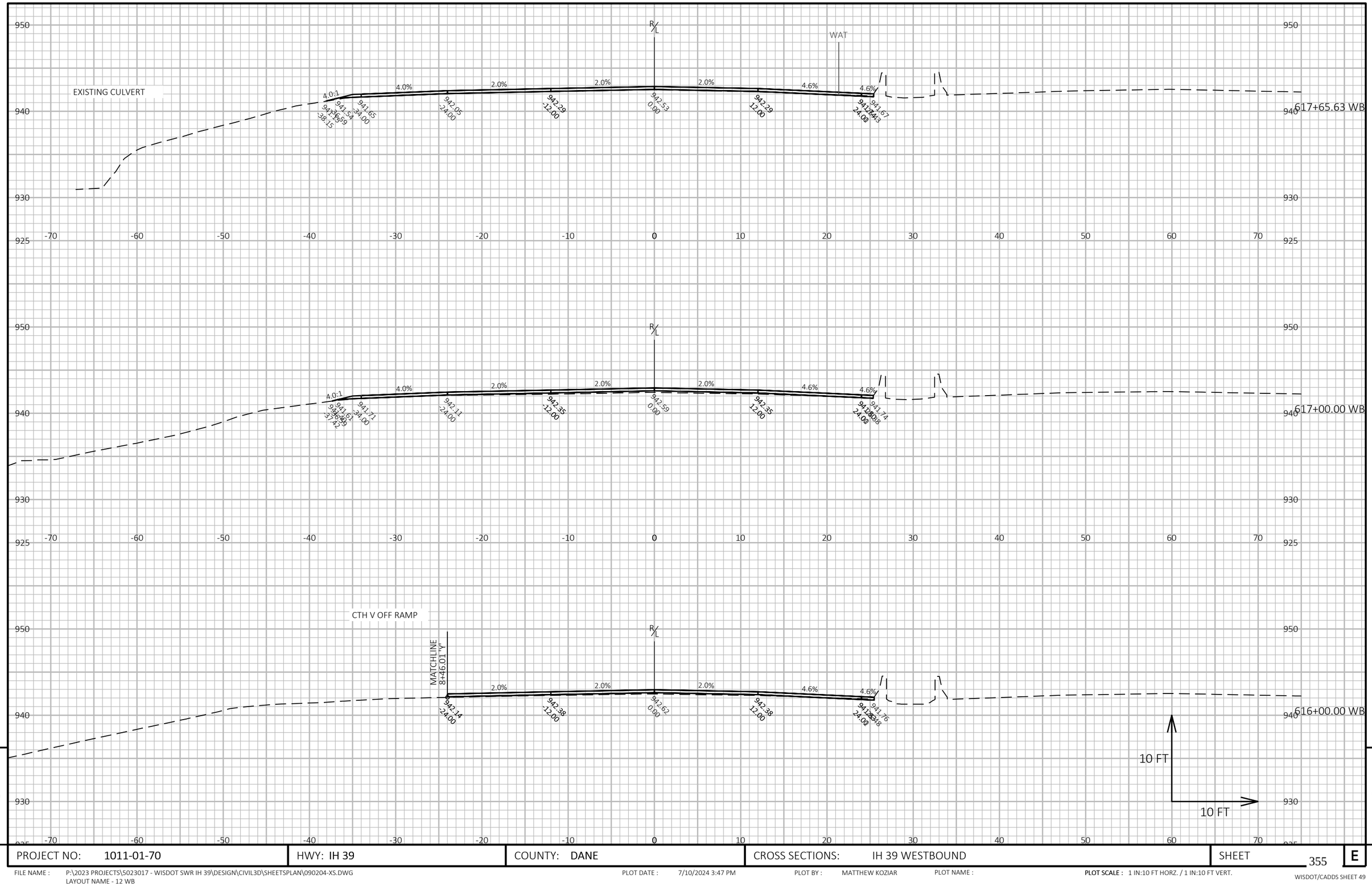


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 354	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 11 WB

PLOT DATE : 7/10/2024 3:45 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

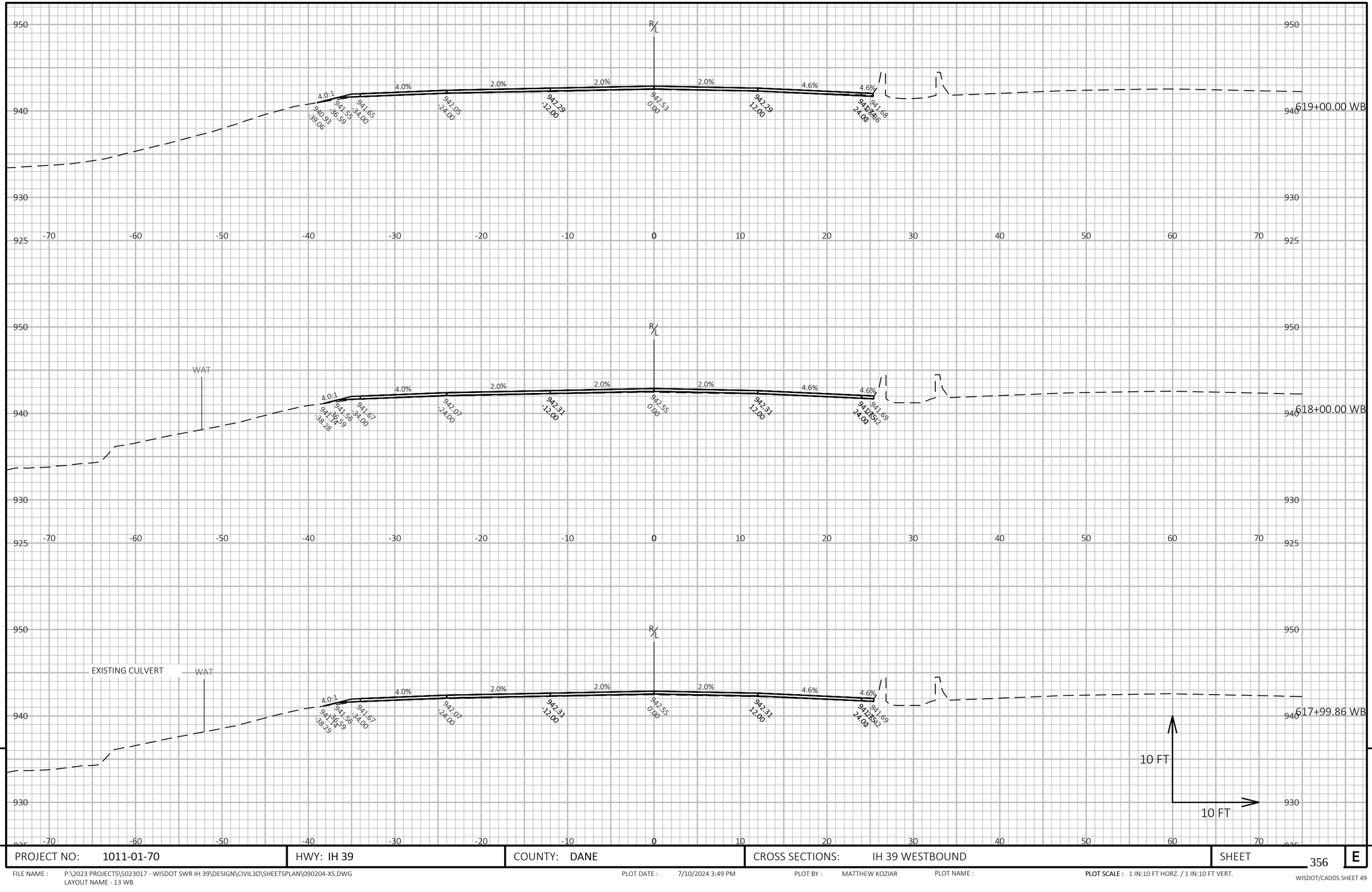


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 355	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 12 WB

PLOT DATE : 7/10/2024 3:47 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

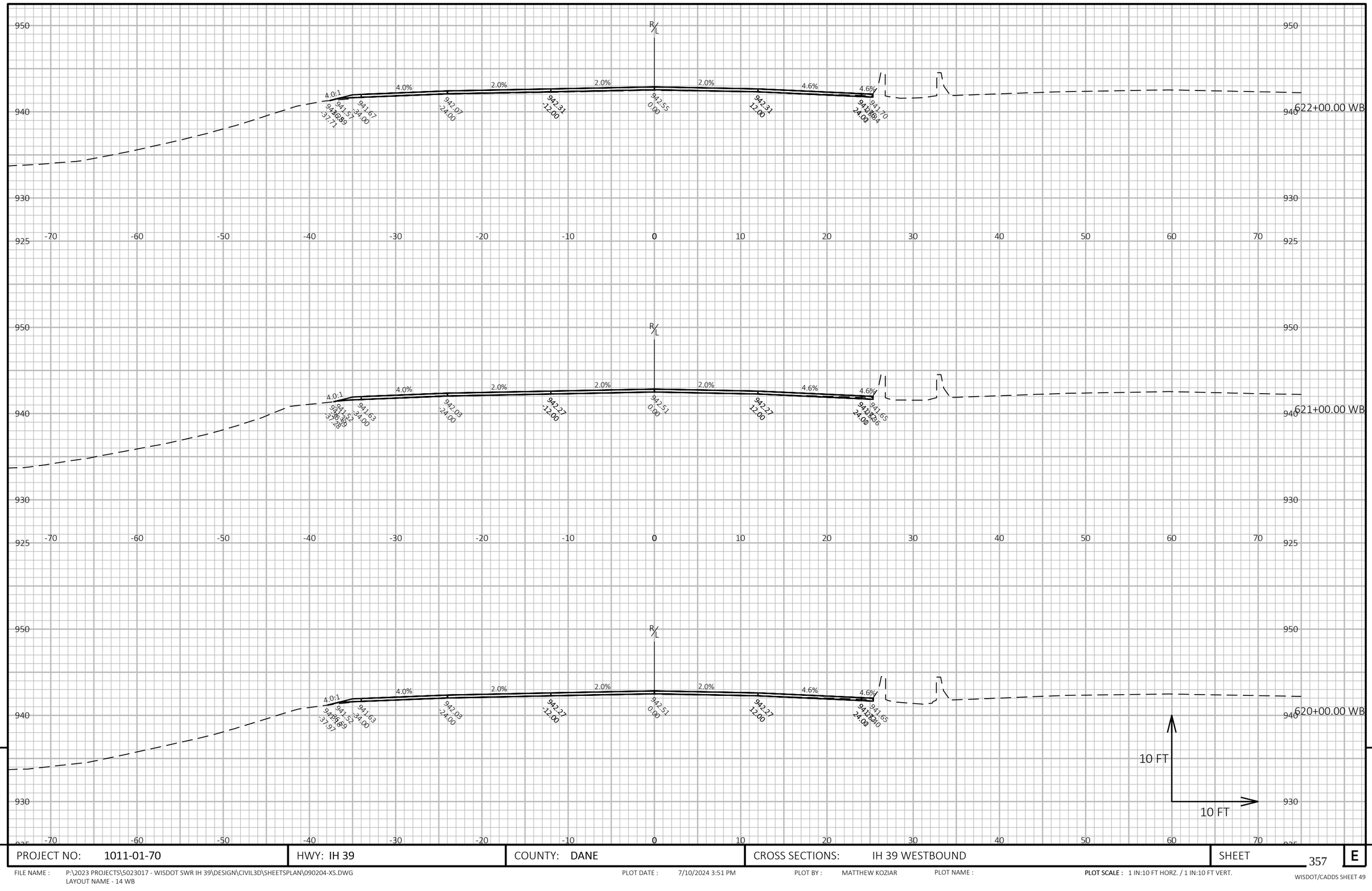
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 356	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 13 WB

PLOT DATE : 7/10/2024 3:49 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 357	E

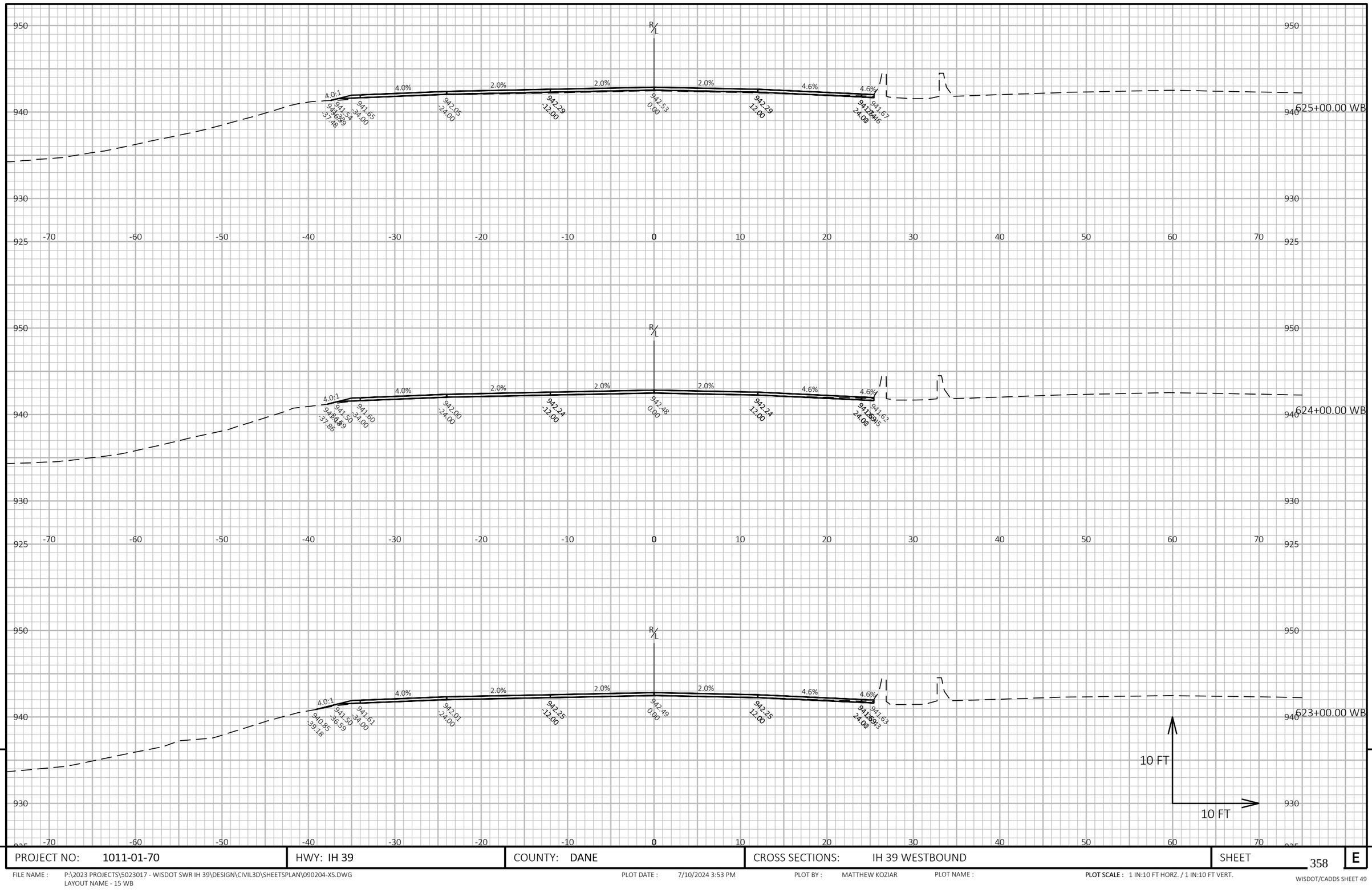
FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 14 WB

PLOT DATE : 7/10/2024 3:51 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 358	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 15 WB

PLOT DATE : 7/10/2024 3:53 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

627+00.00 WB

626+00.00 WB

EXISTING CULVERT

625+47.95 WB

10 FT

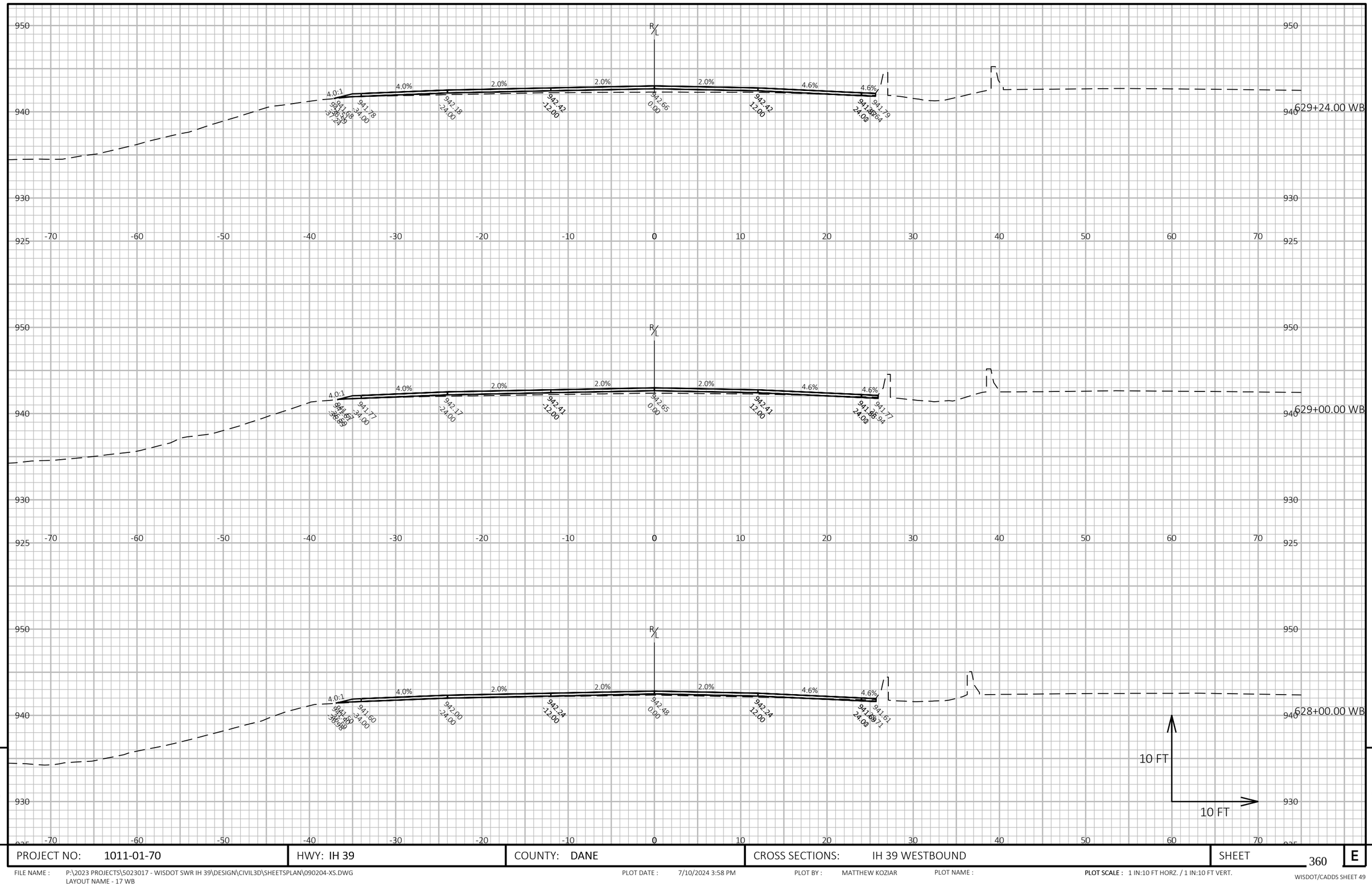
10 FT

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 359	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 16 WB

PLOT DATE : 7/10/2024 3:56 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



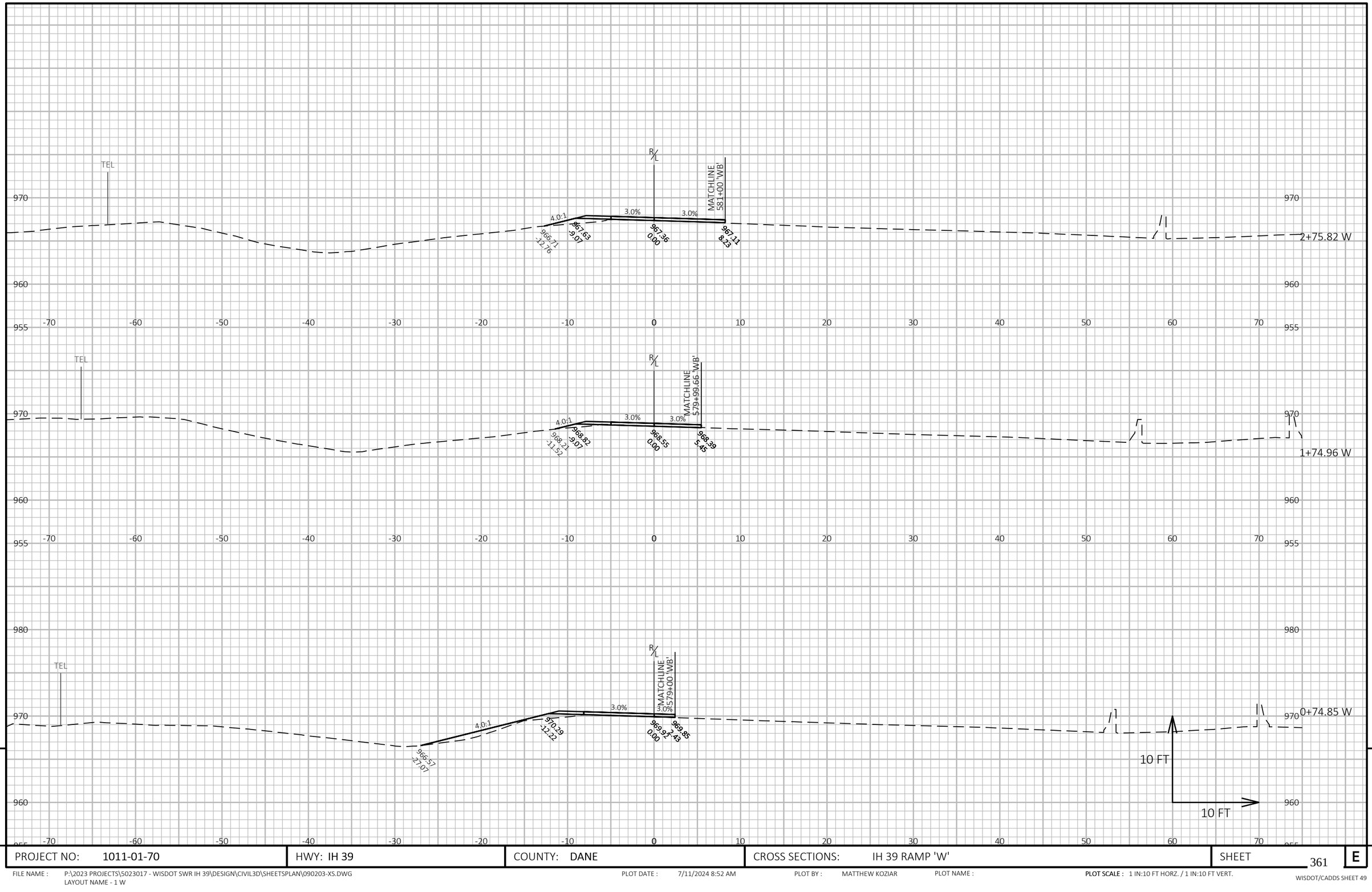
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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 WESTBOUND	SHEET 360	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 17 WB

PLOT DATE : 7/10/2024 3:58 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



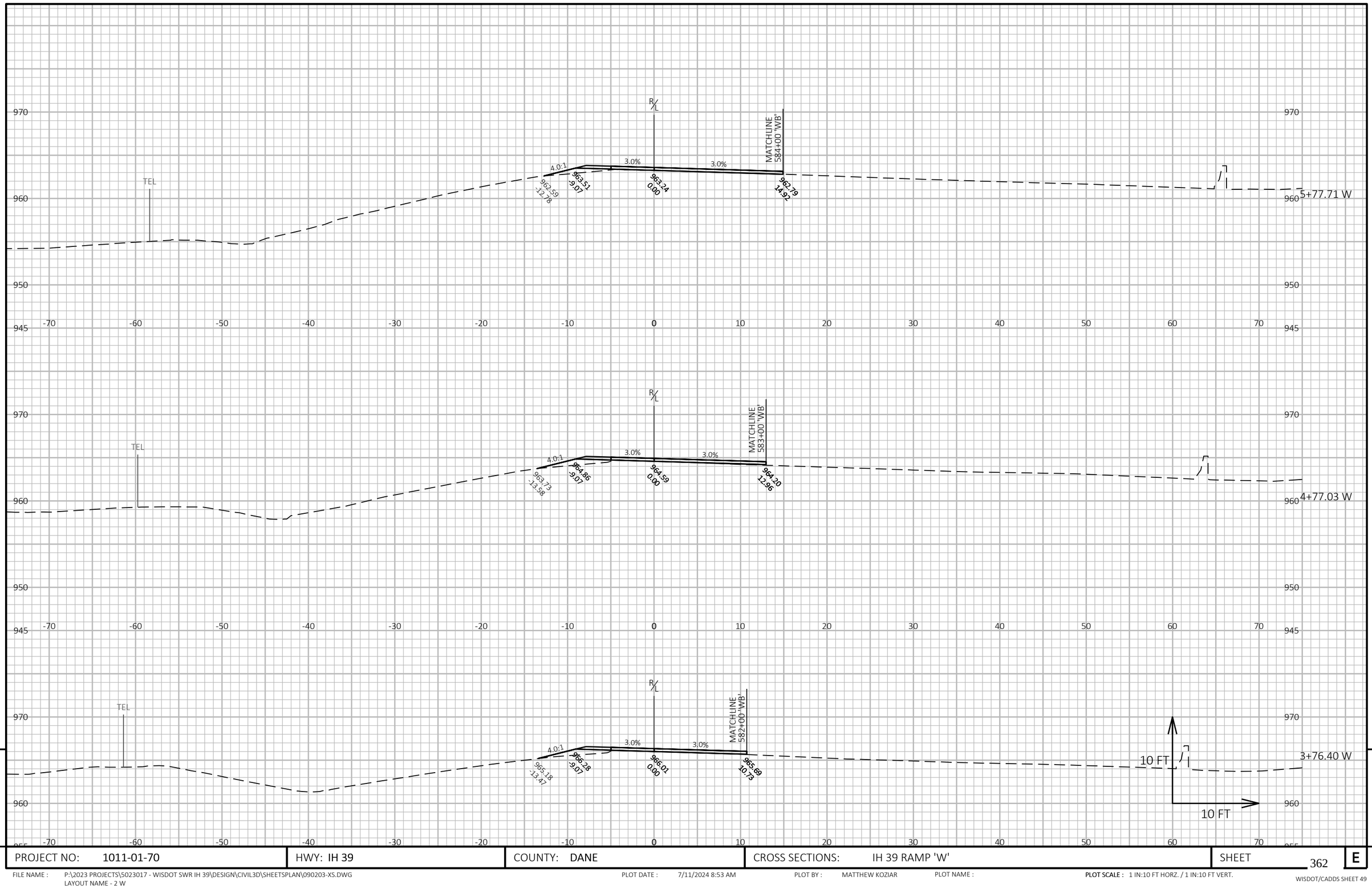
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'W'	SHEET 361	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 1 W

PLOT DATE : 7/11/2024 8:52 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



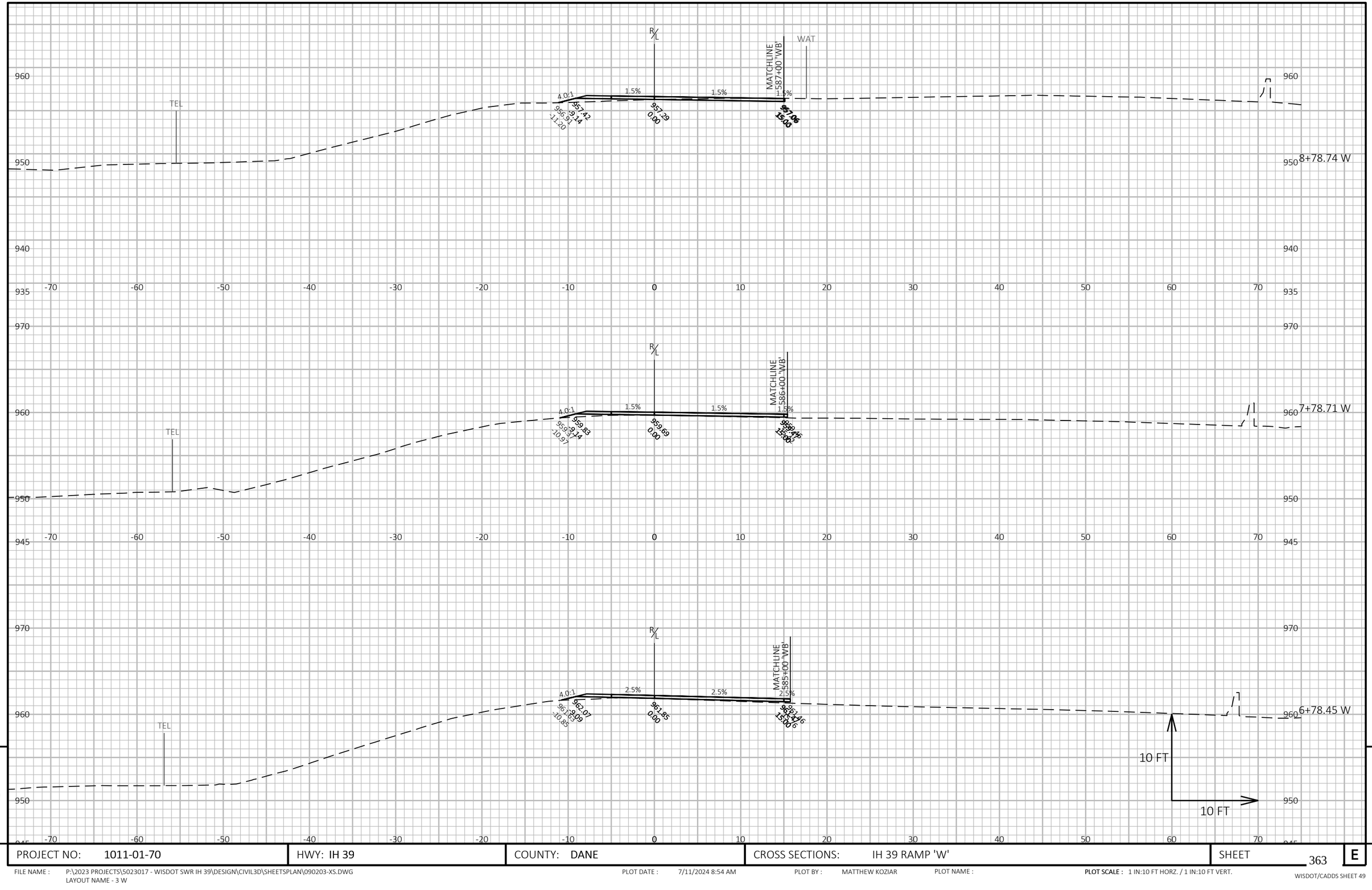
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'W'	SHEET 362	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 2 W

PLOT DATE : 7/11/2024 8:53 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

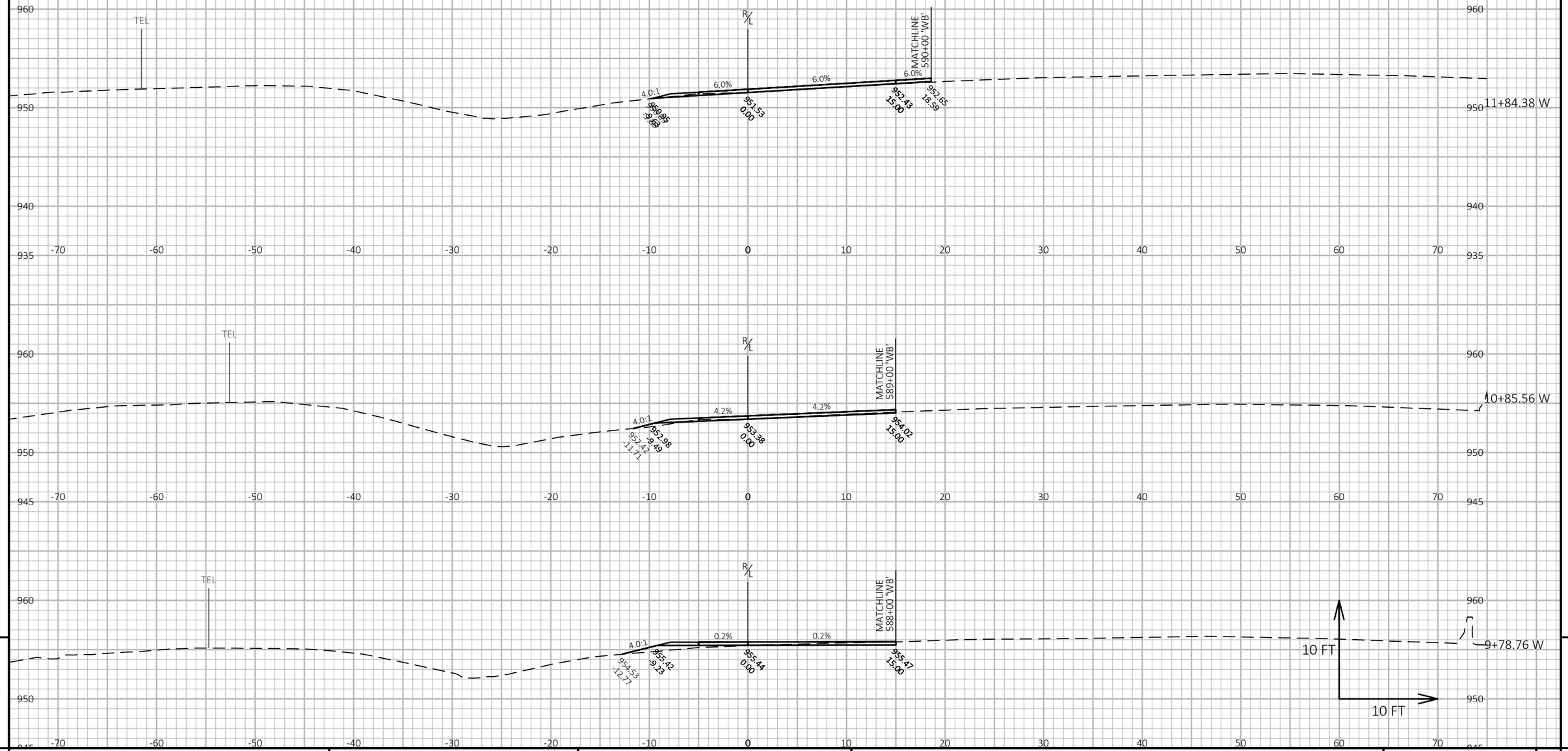
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'W'	SHEET 363	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 3 W

PLOT DATE : 7/11/2024 8:54 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

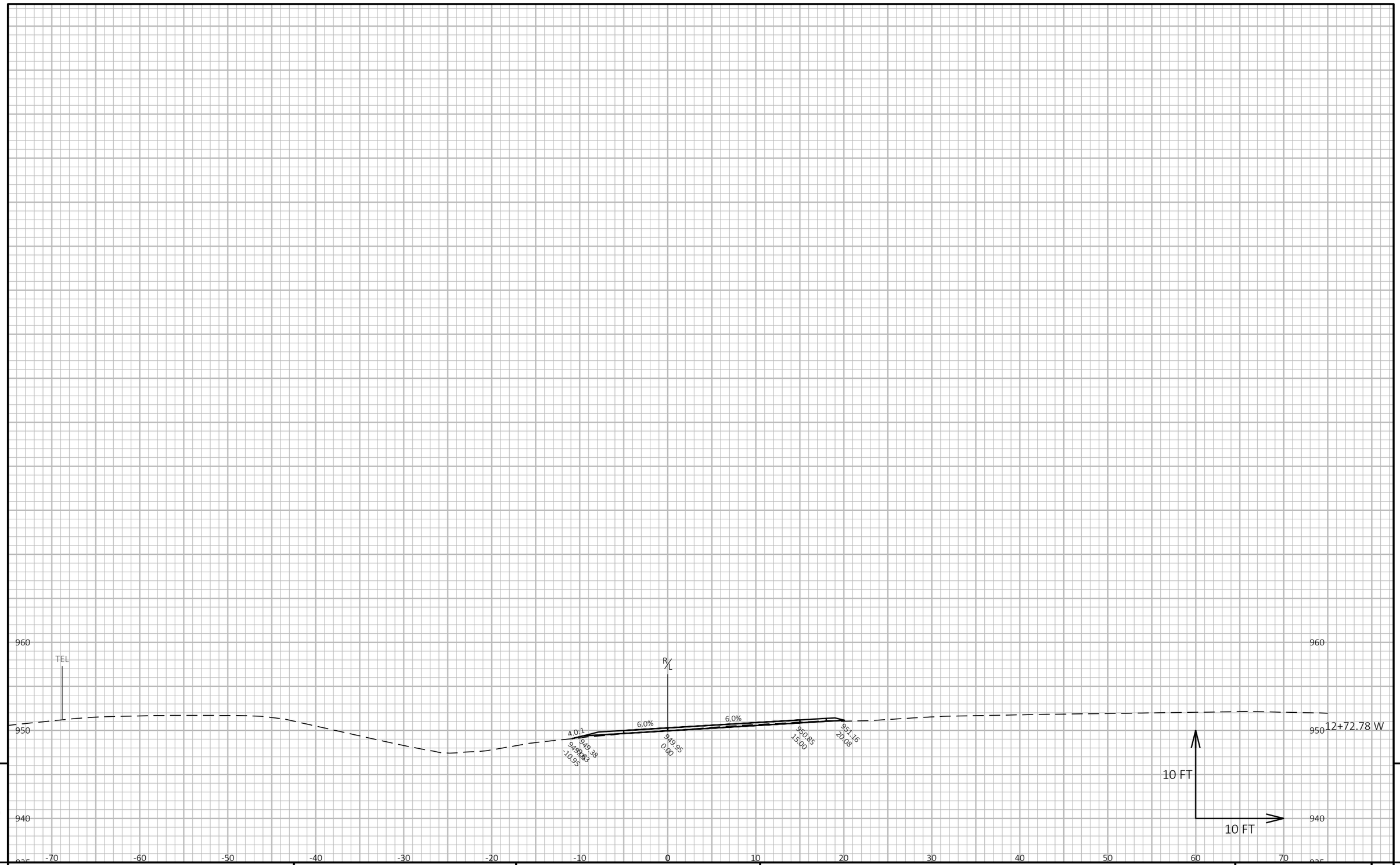
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'W'	SHEET 364	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 4 W

PLOT DATE : 7/11/2024 8:54 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

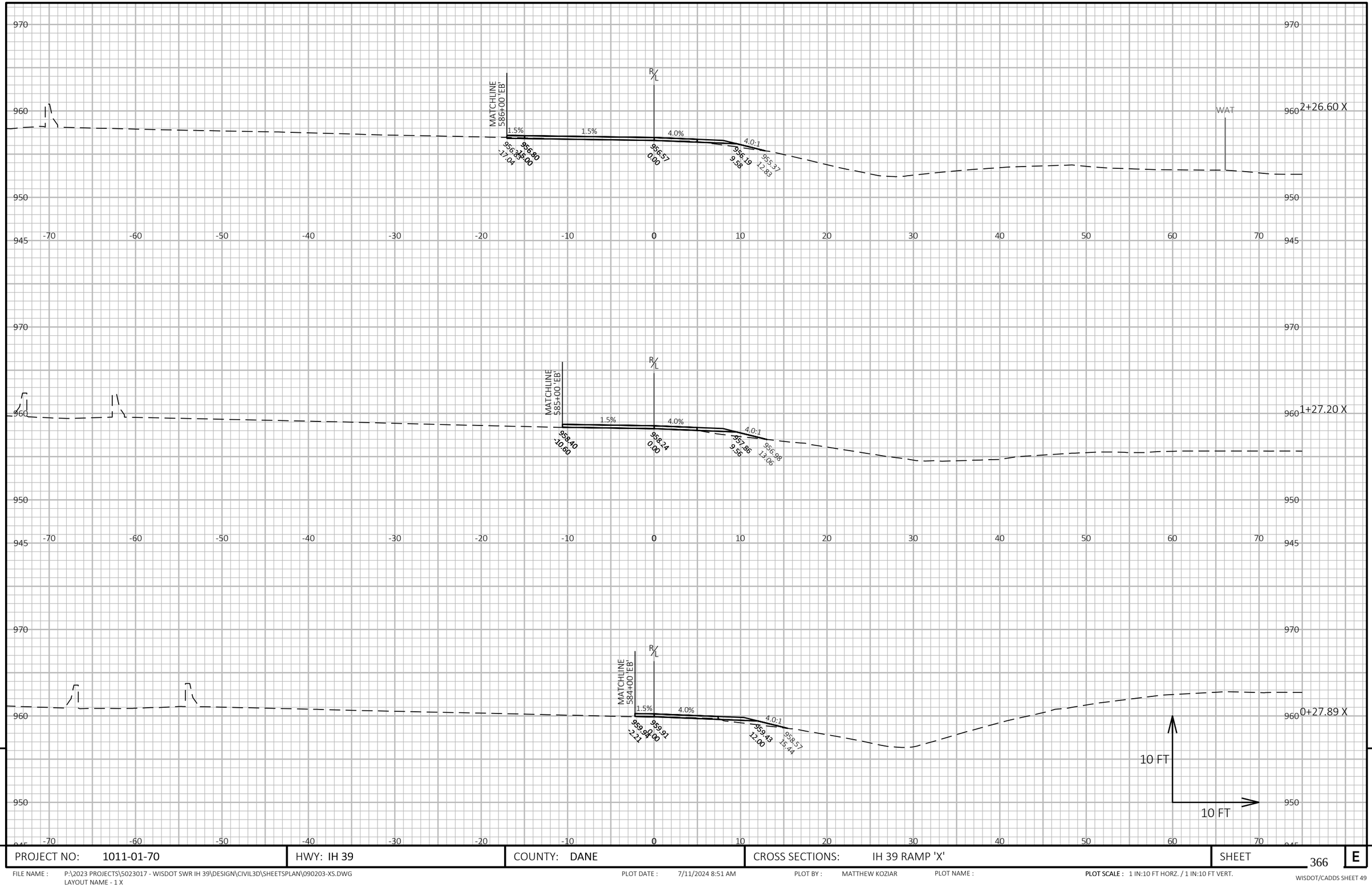
PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'W'	SHEET 365	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 5 W

PLOT DATE : 7/11/2024 8:55 AM PLOT BY : MATTHEW KOZIAR PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

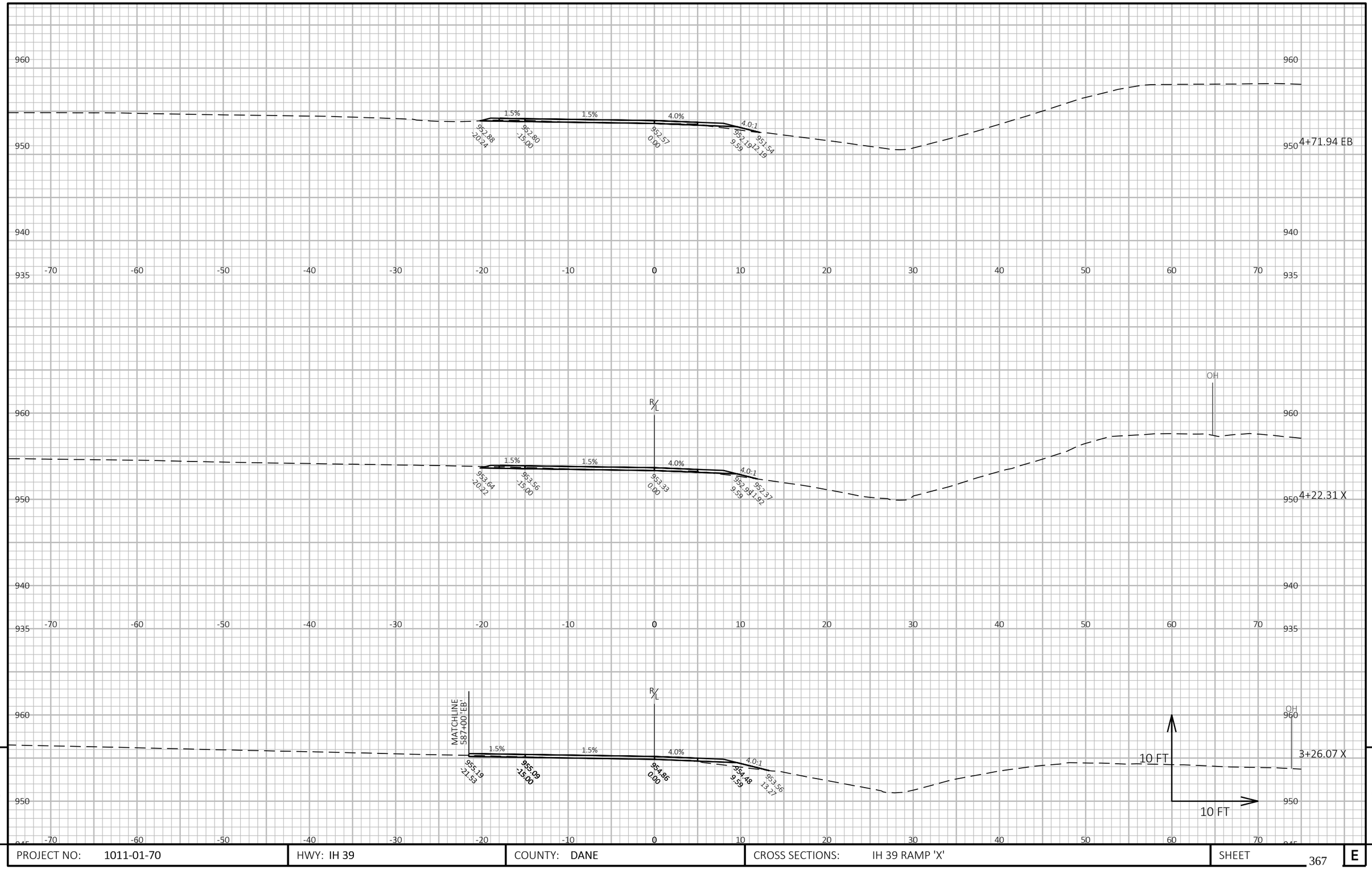
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'X'	SHEET 366	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 1 X

PLOT DATE : 7/11/2024 8:51 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

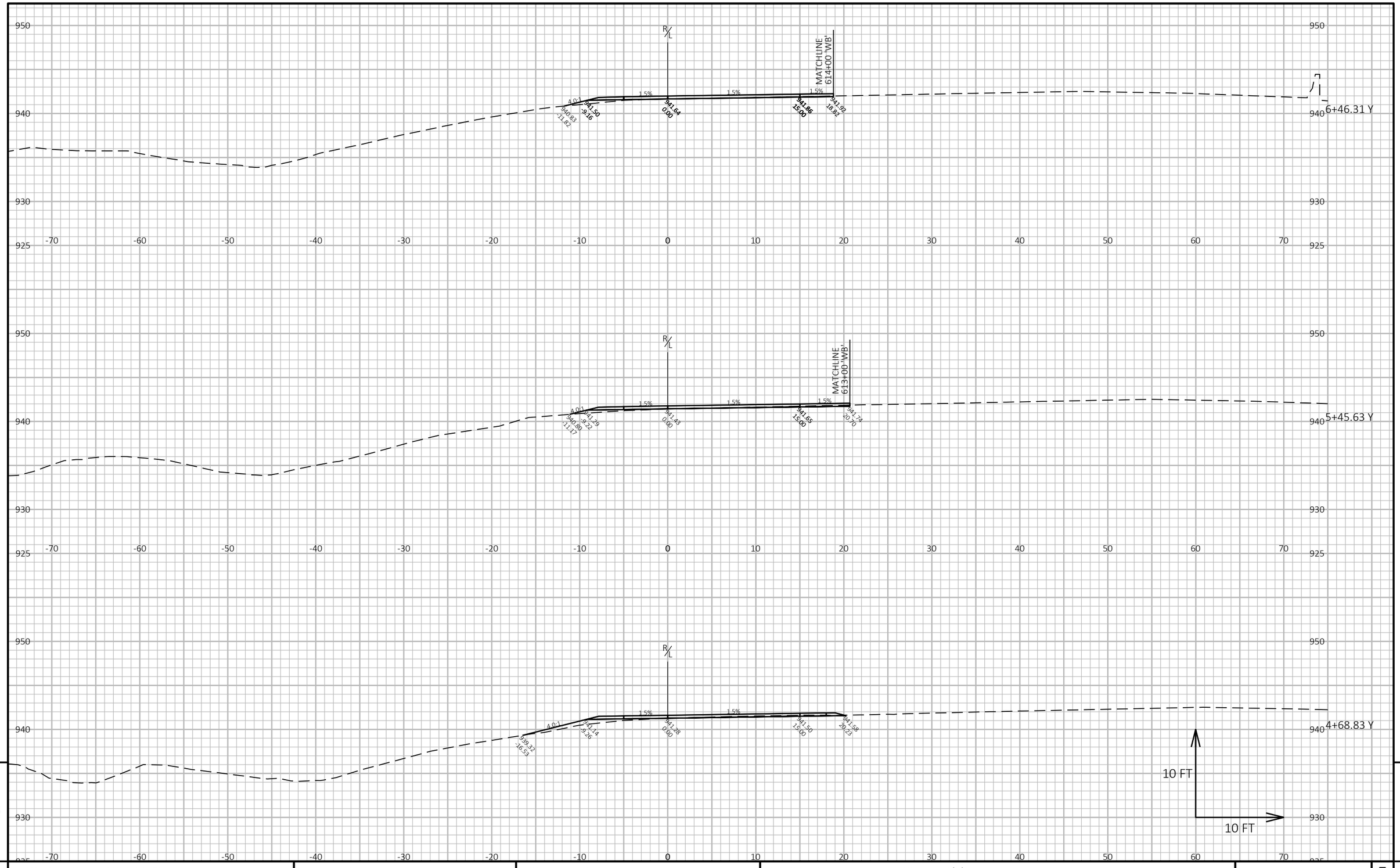


9	PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'X'	SHEET 367 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 2 X

PLOT DATE : 7/11/2024 8:52 AM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

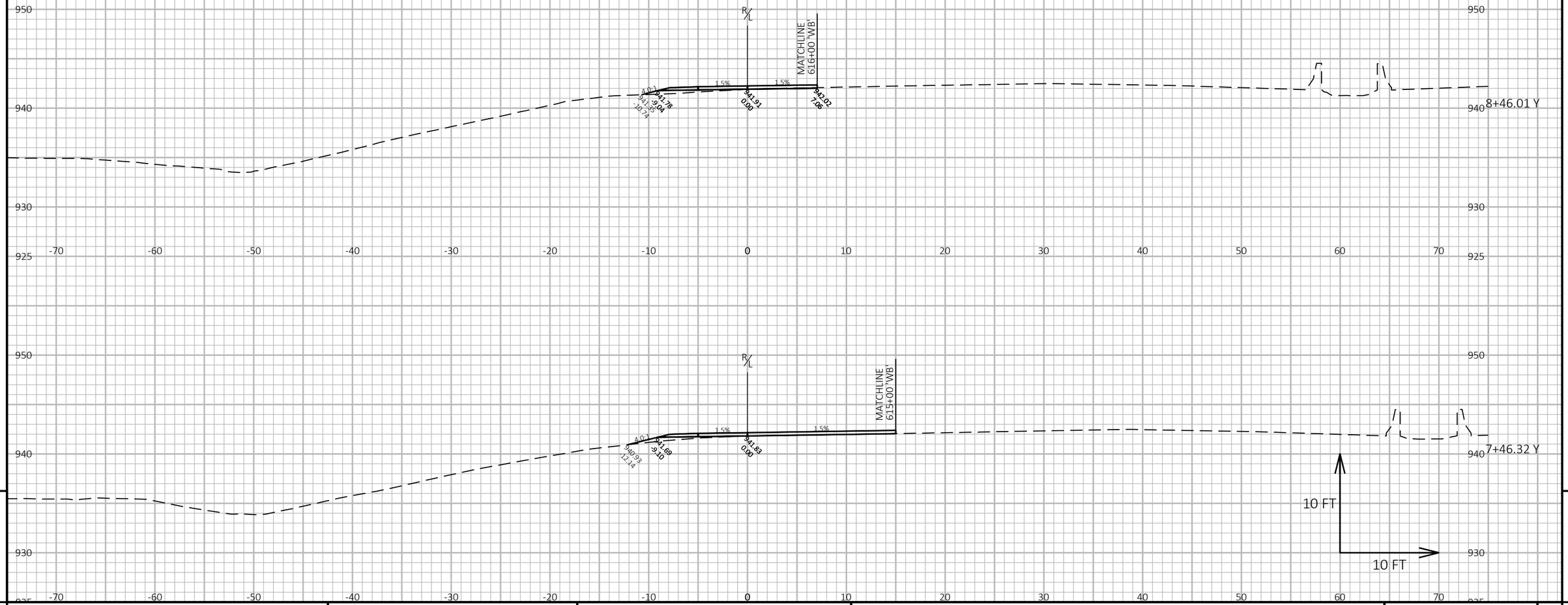
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PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Y'	SHEET 368	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 1 Y

PLOT DATE : 7/10/2024 3:59 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Y'	SHEET 369	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 2 Y

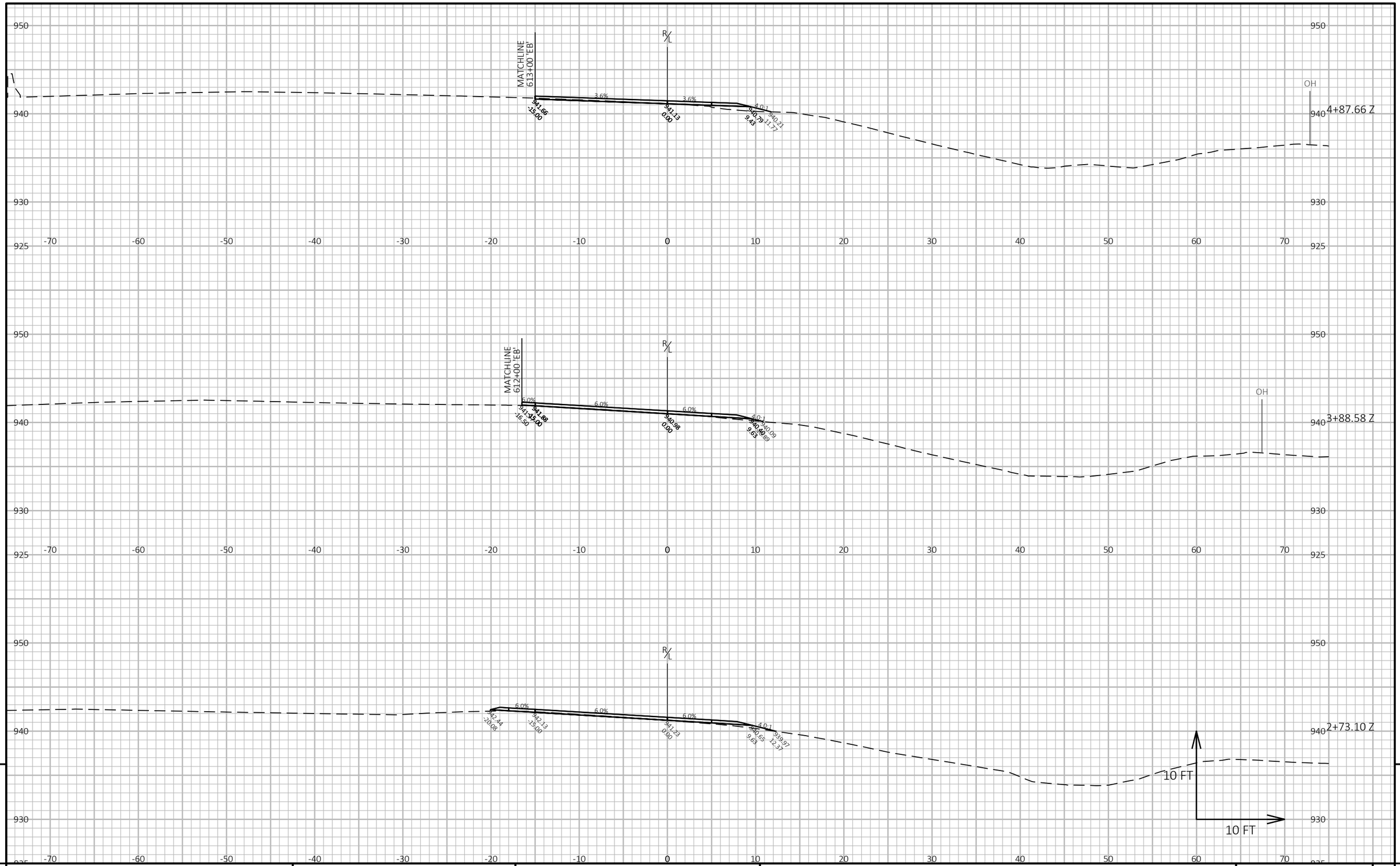
PLOT DATE : 7/10/2024 4:01 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

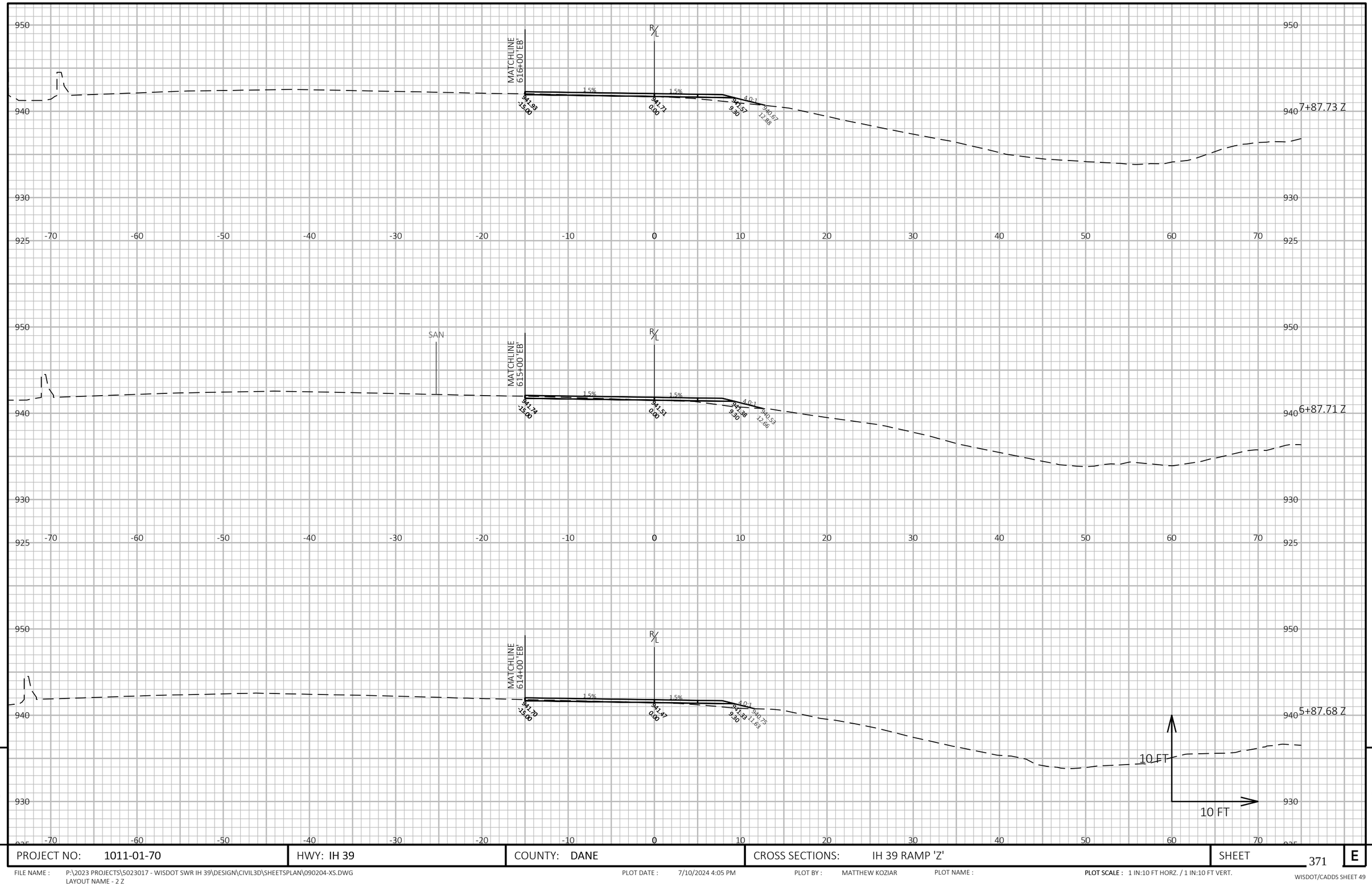


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Z'	SHEET 370	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 1 Z

PLOT DATE : 7/10/2024 4:03 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

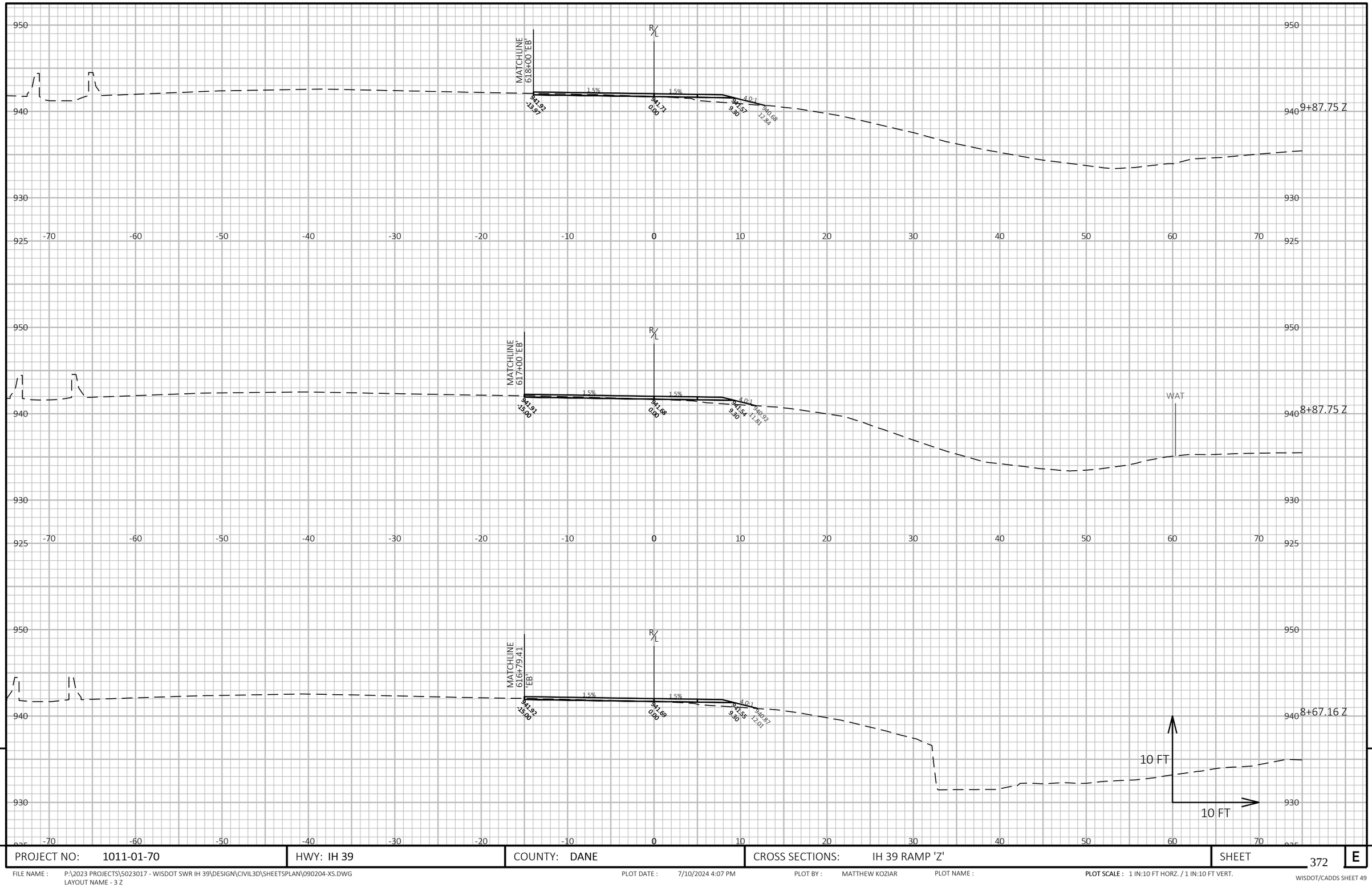


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Z'	SHEET 371 E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 2 Z

PLOT DATE : 7/10/2024 4:05 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



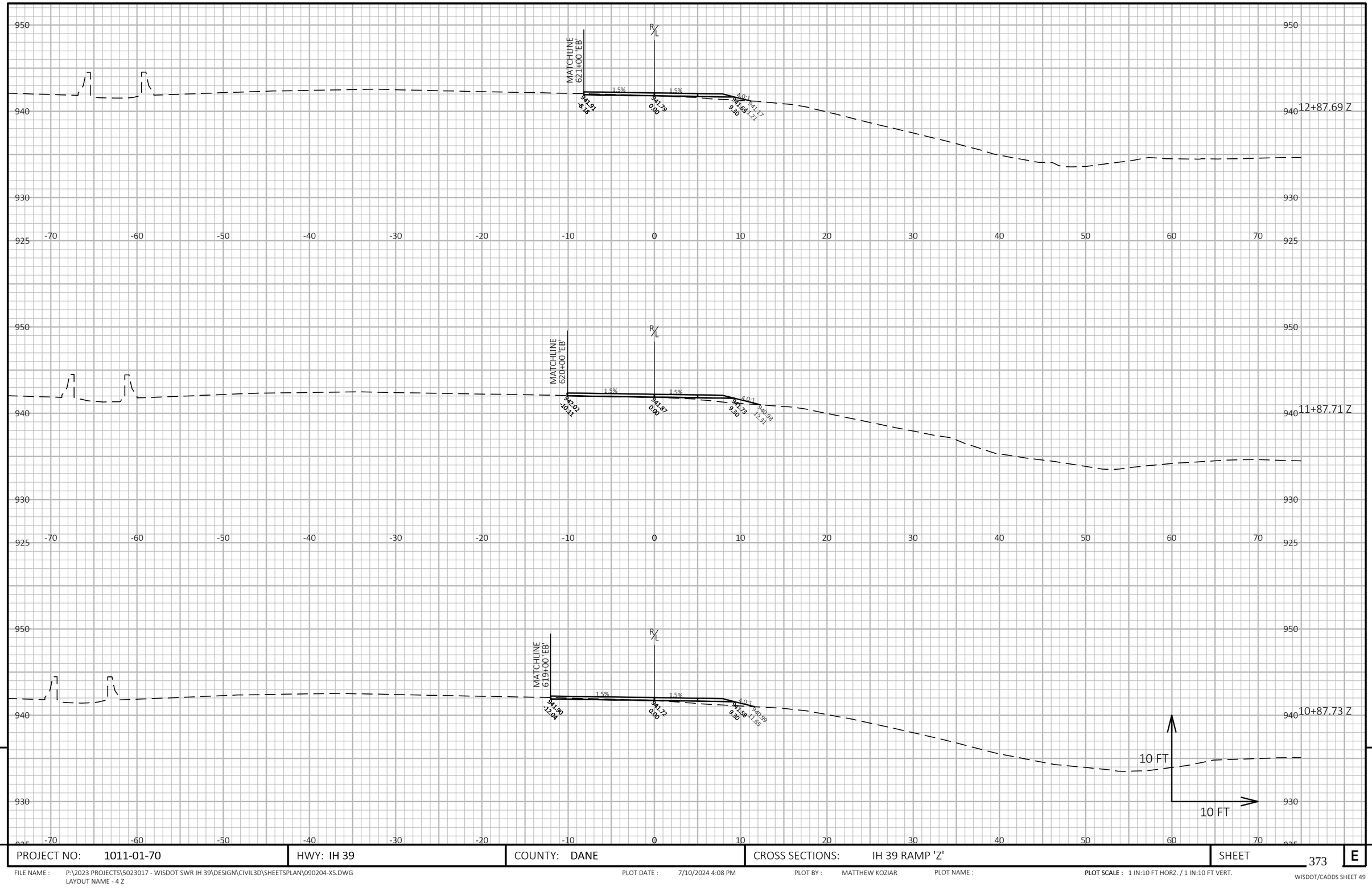
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9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Z'	SHEET 372	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 3 Z

PLOT DATE : 7/10/2024 4:07 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Z'	SHEET 373	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 4 Z

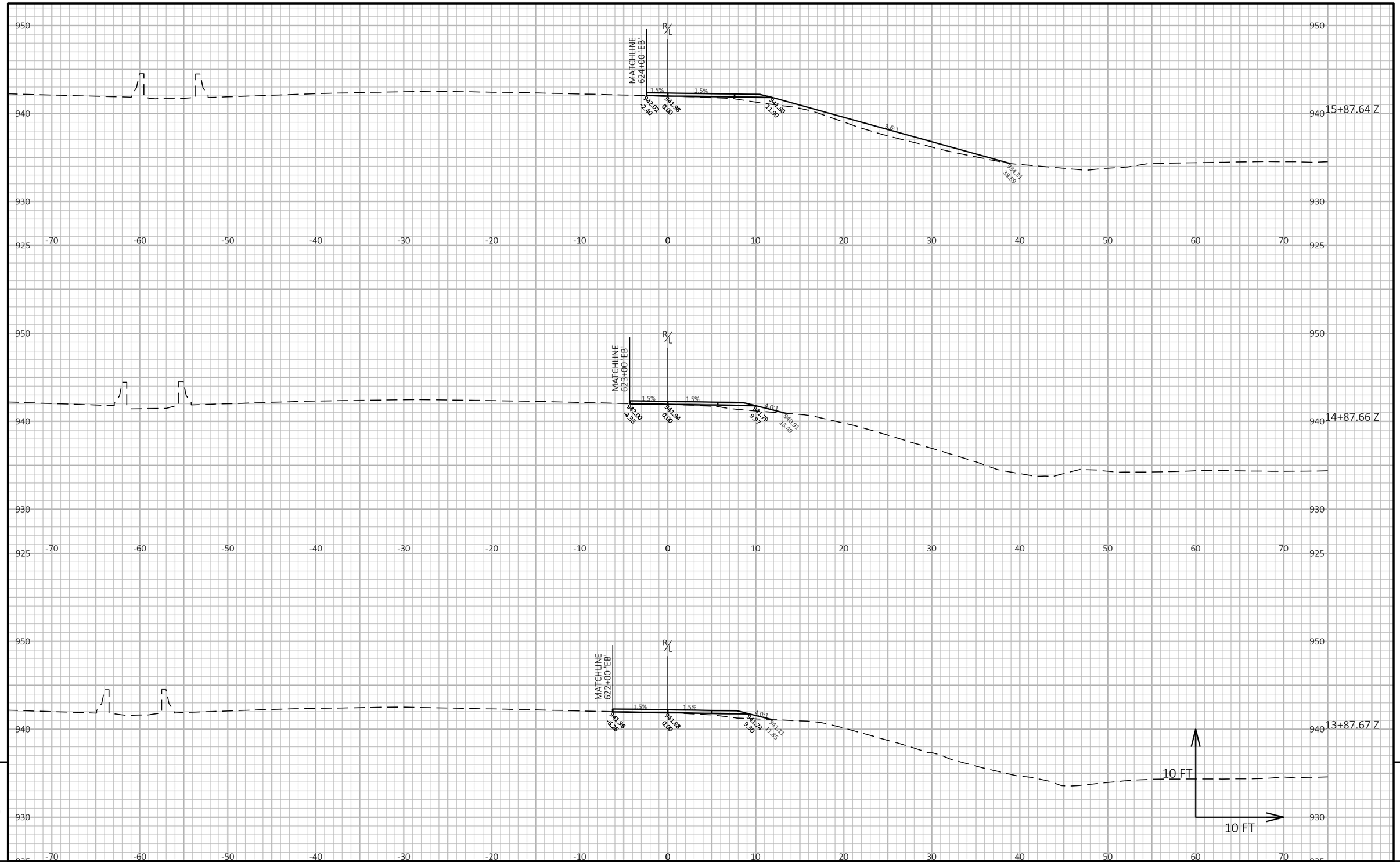
PLOT DATE : 7/10/2024 4:08 PM

PLOT BY : MATTHEW KOZIAR

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

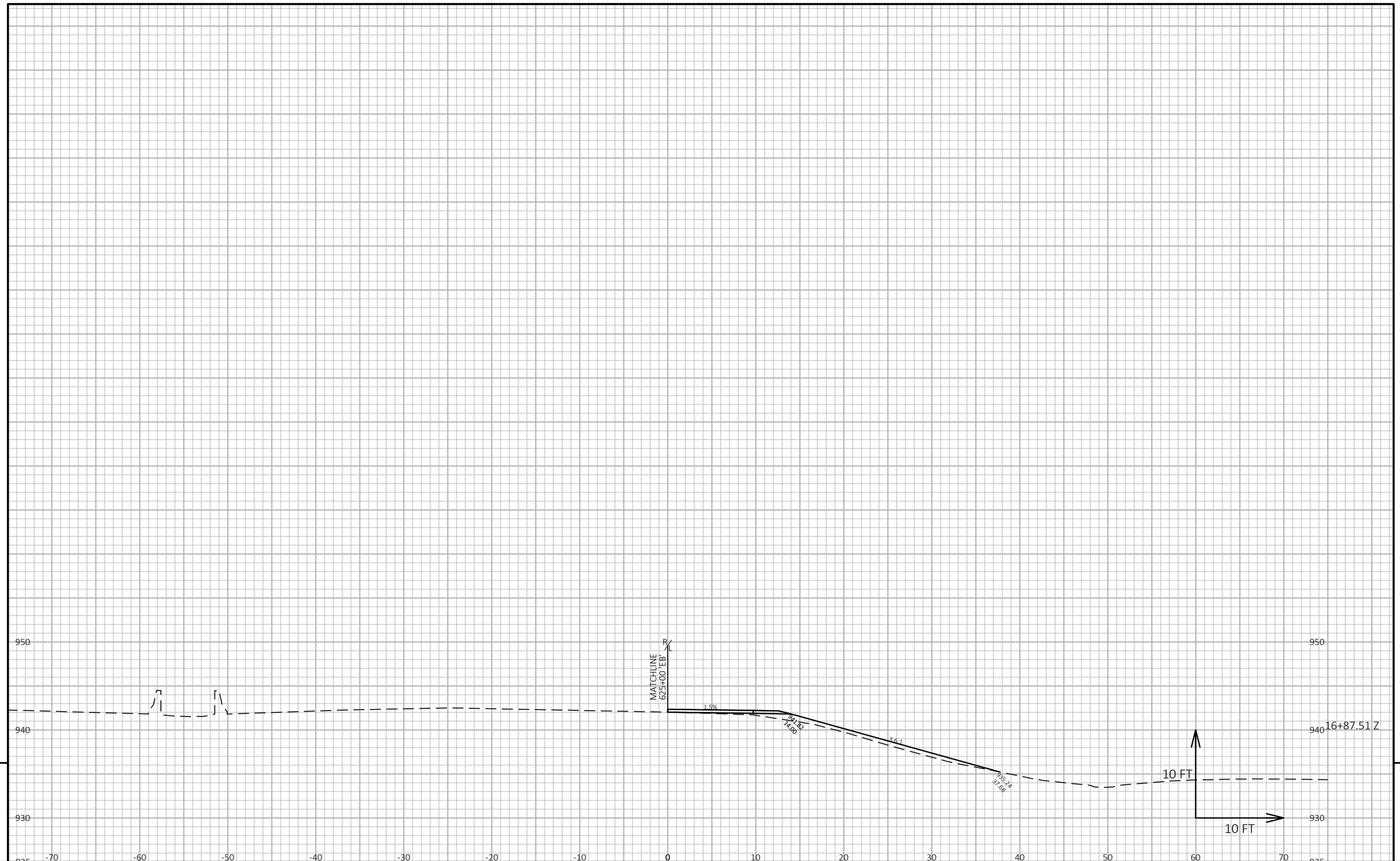


PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Z'	SHEET 374	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 5 Z

PLOT DATE : 7/10/2024 4:10 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1011-01-70	HWY: IH 39	COUNTY: DANE	CROSS SECTIONS: IH 39 RAMP 'Z'	SHEET 375	E

FILE NAME : P:\2023 PROJECTS\5023017 - WISDOT SWR IH 39\DESIGN\CIVIL3D\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 6 Z

PLOT DATE : 7/10/2024 4:12 PM PLOT BY : MATTHEW KOZIAR PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Wisconsin Department of Transportation

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