WIS

PROJECT ID: 1053-07-86,1053-07-87

WITH: N/A

COUNTY: MARATHON

OCTOBER 2025

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plans)
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 = 746

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1053-07-86		
1053-07-87	WISC 2026025	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ABBOTSFORD-WAUSAU

STH 97 TO PHEASANT FALLS ROAD, WB

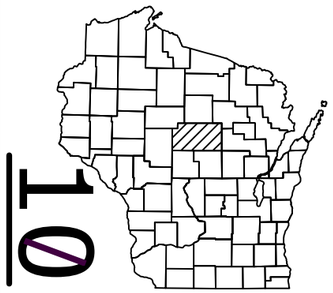
STH 29
MARATHON COUNTY

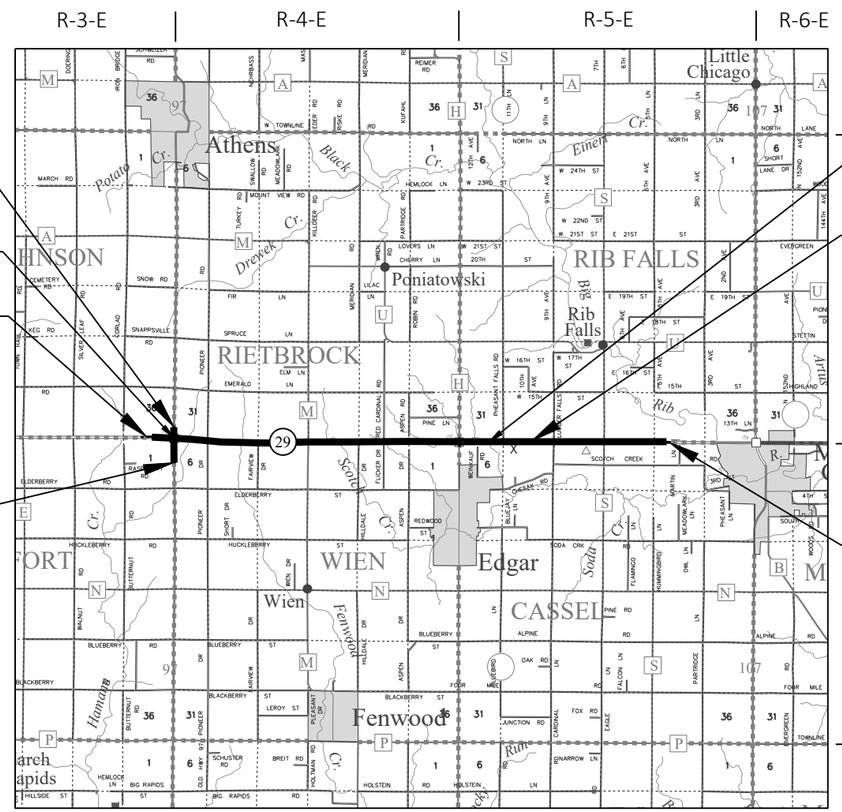
STATE PROJECT NUMBER
1053-07-86

PHEASANT FALLS TO PURPLE MARTIN, WB

STH 29
MARATHON COUNTY

STATE PROJECT NUMBER
1053-07-87





END CONSTRUCTION
STA. 1036+94.01

NET EXCEPTION TO CL LENGTH
STA. 1024+00.89 - STA. 1026+13.72

BEGIN PROJECT 1053-07-86
STA. 9707+00.00 WB
Y=197,070.31
X=162,096.60

BEGIN CONSTRUCTION
STA. 999+95.00

NET EXCEPTION TO CL LENGTH
STA. 10064+87.32 WB - STA. 10065+34.83 WB

END PROJECT 1053-07-86
BEGIN PROJECT 1053-07-87
STA. 10106+55.00 WB
Y=196,569.97
X=202,028.17

END PROJECT 1053-07-87
STA. 10253+82.77 WB

DESIGN DESIGNATION

A.A.D.T.	(2026)	=	17,800
A.A.D.T.	(2046)	=	20,400
D.H.V.		=	1,255 (WB ONLY)
D.D.		=	50/50
T.		=	19.3%
DESIGN SPEED		=	70 M.P.H.
ESALS		=	14,000,000

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (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

LAYOUT
SCALE 0 — 3 MI

PROJECT ID 1053-07-86 LENGTH OF CENTERLINE=	8.218	MI
PROJECT ID 1053-07-87 LENGTH OF CENTERLINE=	2.789	MI
TOTAL NET LENGTH OF CENTERLINE =	11.007	MI

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

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

ORIGINAL PLANS PREPARED BY:

STRAND ASSOCIATES®
910 WEST WINGRA DRIVE
MADISON, WISCONSIN 53715-1943
(608) 251-4843

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	STRAND ASSOCIATES, INC.
Designer	STRAND ASSOCIATES, INC.
Project Manager	KOREY BOEHM, P.E.
Regional Examiner	FRED SCHUNKE, P.E.
Regional Supervisor	KEVIN KUJAWA, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 6/27/2025 Korey Boehm (Signature)

E

UTILITIES CONTACTS

*ANR PIPELINE CO.
GAS/PETROLEUM
JOE CAROLFI
10255 WASHINGTON AVENUE SOUTH
MARSHFIELD, WI 54449
PHONE: 715-591-1934
EMAIL: JOSEPH_CAROLFI@TCENERGY.COM

*ATC MANAGEMENT, INC.
ELECTRICITY-TRANSMISSION
DOUG VOSBERG
2489 RINDEN RD
COTTAGE GROVE, WI 53527
PHONE: 608-877-7650
EMAIL: DVOSBERG@ATCLLC.COM

*FRONTIER COMMUNCATIONS OF WI LLC
COMMUNICATION LINE
CHRISTOPHER POLLACK
521 N 4TH STREET
WAUSAU, WI 54403
PHONE: 715-847-1240
EMAIL: CHRISTOPHER.POLLACK@FTR.COM

*SPECTRUM
COMMUNICATION LINE
SCOTT GOHDES
853 MCINTOSH STREET
WAUSAU, WI 54403
PHONE: 715-803-2989
EMAIL: SCOTT.GOHDES@CHARTER.COM

*WISCONSIN PUBLIC SERVICE CORPORATION (WPS)
ELECTRICITY
JESSE PATTEN
P.O. BOX 1166
WAUSAU, WI 54402-1166
PHONE: 715-848-7405
EMAIL: JESSE.PATTEN@WISCONSINPUBLICSERVICE.COM

*WISCONSIN PUBLIC SERVICE CORPORATION (WPS)
GAS/PETROLEUM
TYLER DAHLSTROM
1700 SHERMAN ST
WAUSAU, WI 54402
PHONE: 715-848-7387
EMAIL: TYLER.DAHLSTROM@WISCONSINPUBLICSERVICE.COM

*XCEL ENERGY
ELECTRICITY
JOHN KELSER
1400 WESTERN AVE
EAU CLAIRE, WI 54703
PHONE: 715-737-6020
EMAIL: JOHN.KELSER@XCELENERGY.COM

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

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING CULVERT PIPES AS SHOWN ON THE PLANS ARE APPROXIMATE AND BASED ON AVAILABLE AS-BUILT INFORMATION.

SUBSURFACE SOIL BORING REPORTS ARE AVAILABLE FROM WISDOT NC REGION BY CONTACTING KOREY BOEHM, WISDOT DESIGN PROJECT MANAGER, AT (715) 459-2943 OR BY EMAIL AT KOREY.BOEHM@DOT.WI.GOV.

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 = 395.8 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 93.4 ACRES

STH 29 MAINLINE/RAMPS OUTSIDE SHOULDERS (4 INCHES)		
LAYER	THICKNESS	TYPE
UPPER	2 INCHES	4 MT 58-28 S
LOWER	2 INCHES	4 MT 58-28 S
STH 29 MAINLINE/RAMPS INSIDE SHOULDERS (4 INCHES)		
LAYER	THICKNESS	TYPE
UPPER	4 INCHES	4 MT 58-28 S
STH 29 MAINLINE TURN LANES / SIDEROADS (5 INCHES)		
LAYER	THICKNESS	TYPE
UPPER	2 INCHES	4 MT 58-28 S
LOWER	3 INCHES	4 MT 58-28 S
STH 29 MAINLINE TURN LANES / CTH S (6 INCHES)		
LAYER	THICKNESS	TYPE
UPPER	2 INCHES	4 MT 58-28 S
MIDDLE	2 INCHES	4 MT 58-28 S
LOWER	2 INCHES	4 MT 58-28 S

WISCONSIN DNR LIAISON

JAY SCHIEFELBEIN
DNR NORTHEAST REGIONAL HEADQUARTERS
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
PHONE: 920-360-3784
EMAIL: JEREMIAH.SCHIEFELBEIN@WISCONSIN.GOV

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
EROSION CONTROL
PAVEMENT MARKING
ADVANCED WARNING
TRAFFIC CONTROL
TRAFFIC CONTROL - DETOUR
ALIGNMENT DETAILS

2

CORINTH ROAD
SILVER LEAF ROAD
JOHNSON TOWNSHIP
CORLAD ROAD
END CONSTRUCTION
STA. 1036+94.01
B-37-287
(TO REMAIN)
B-37-051
(TO REMAIN)
PIONEER ROAD
FENWOOD CREEK
RIETBROCK TOWNSHIP
SCOTCH CREEK
MATCHLINE AT STA. 9950+00 WB
9600 WB
9650 WB
29
9700 WB
9750 WB
9800 WB
9850 WB
9900 WB
9950
1030
1020
1010
1000
BROD CREEK
PINENUT ROAD
FRANKFORT TOWNSHIP
BUTTERNUT ROAD
B-37-052
(TO REMAIN)
PIONEER ROAD
MAHOGANY DRIVE
WIEN TOWNSHIP
COUNTY M
B-37-033
(TO REMAIN)
HILLDALE DRIVE
COUNTY E
BEGIN PROJECT 1053-07-86
STA. 9707+00.00 WB
97
BEGIN CONSTRUCTION
STA. 999+95.00

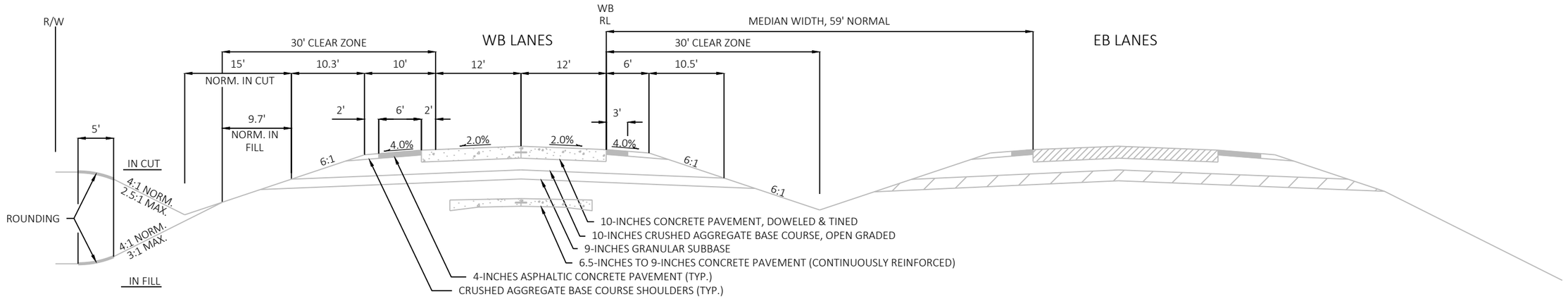
N

MATCHLINE AT STA. 9950+00 WB
RED CARDINAL ROAD
2020
END CONSTRUCTION
STA. 2013+83.85
B-37-293
(TO REMAIN)
PHEASANT FALLS ROAD
RIB FALLS TOWNSHIP
LUMBER FALLS ROAD
BIG RIB RIVER
END PROJECT 1053-07-87
STA.10253+82.77 WB
C-37-071
(TO REMAIN)
0 WB
10000 WB
10050 WB
29
10100 WB
10150 WB
10200 WB
10250 WB
C-37-018
(TO REMAIN)
B-37-292
(TO REMAIN)
PET BROOK
END PROJECT 1053-07-86
BEGIN PROJECT 1053-07-87
STA. 10106+55.00 WB
CULVERT REPLACEMENT
CULVERT REPLACEMENT
OMAR CREEK
BEGIN CONSTRUCTION
STA. 2005+77.11
B-37-288
(TO REMAIN)
COUNTY H
COUNTY S
NET EXCEPTION TO CL LENGTH
STA. 10064+87.32 WB - STA. 10065+34.83 WB
FLICKER DRIVE
WEINKAUF ROAD
CASSEL TOWNSHIP
CARDINAL LANE
PURPLE MARTIN LANE
VILLAGE OF EDGAR

2

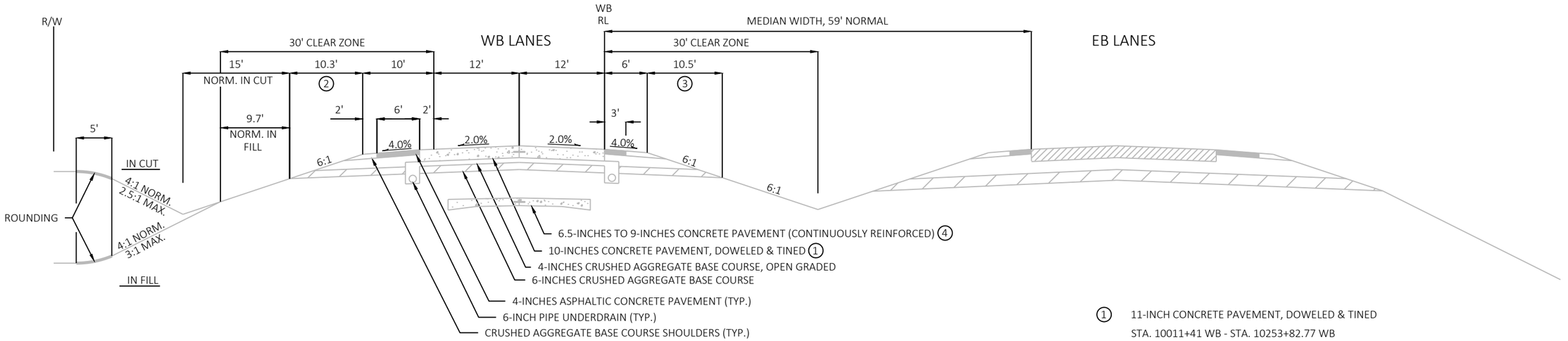
PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\020201-PO.DWG
LAYOUT NAME - 020201-po
PLOT DATE : 6/26/2025 9:42 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN : .5 MIL
WISDOT/CADDS SHEET 44



EXISTING TYPICAL SECTION

STH 29
STA. 9707+00 WB - STA. 9713+99 WB
STA. 9755+69 WB - STA. 9842+73 WB



EXISTING TYPICAL SECTION

STH 29
STA. 9713+99 WB - STA. 9755+69 WB
STA. 9842+73 WB - STA. 10253+82.77 WB

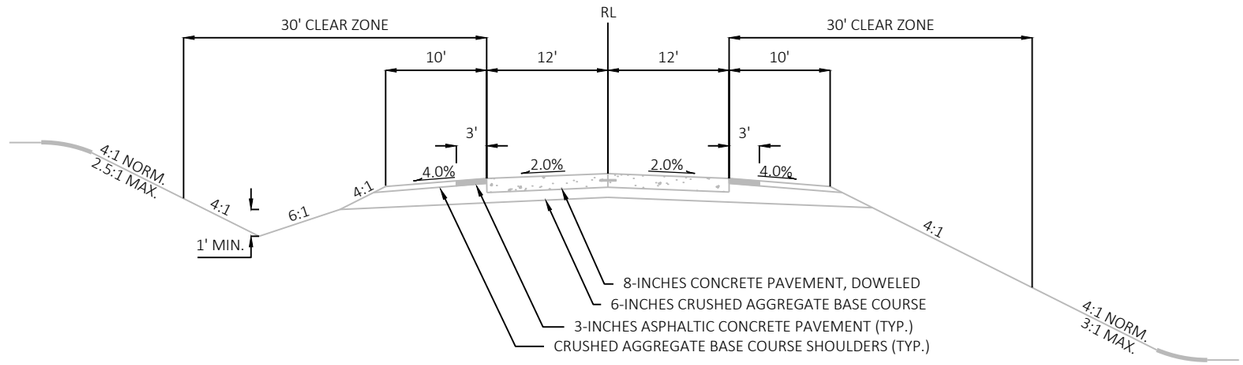
(1) 11-INCH CONCRETE PAVEMENT, DOWELED & TINED
STA. 10011+41 WB - STA. 10253+82.77 WB

(2) 10.8' STA. 10011+41 WB - STA. 10253+82.77 WB

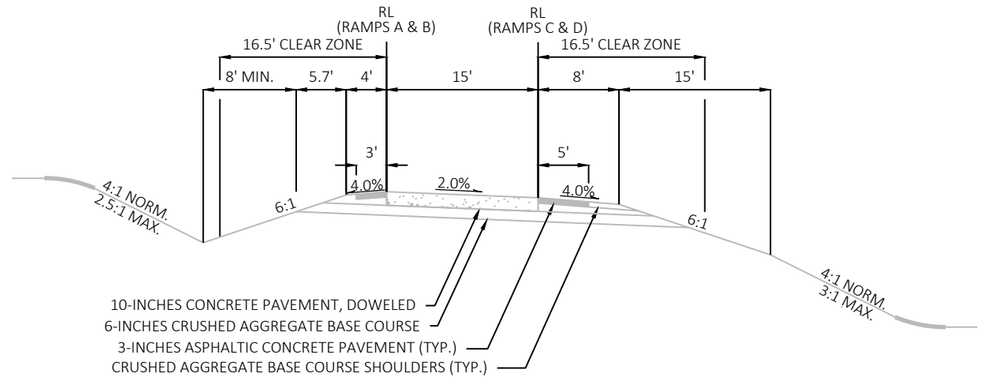
(3) 11.1' STA. 10011+41 WB - STA. 10253+82.77 WB

(4) STA. 9713+99 WB - STA. 9755+69 WB
STA. 9842+73 WB - STA. 9870+20 WB

PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	TYPICAL SECTIONS	SHEET 4	E



EXISTING TYPICAL SECTION
STH 97
STA. 999+95.00 - STA. 1036+94.01

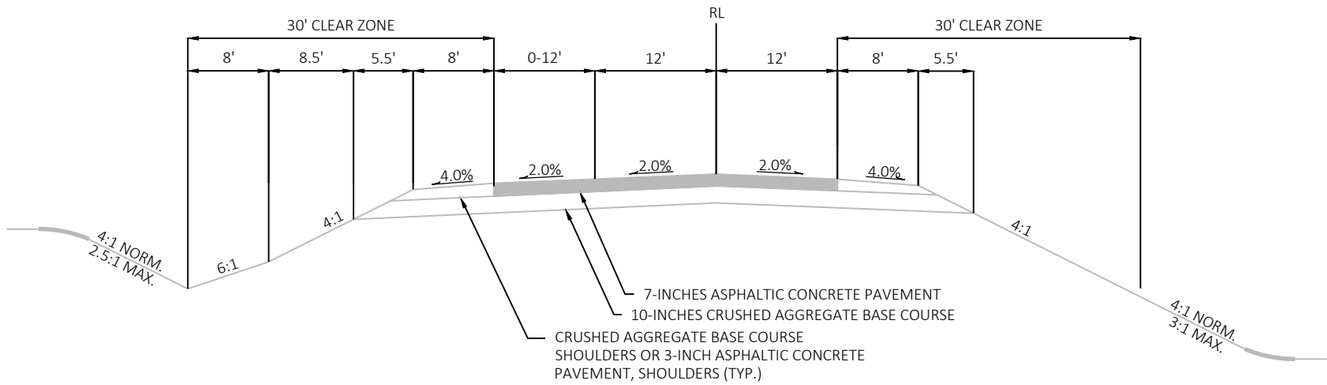


EXISTING TYPICAL SECTION
STH 97 RAMPS
STA. 9727+96.95 A - STA. 9735+05.42 A
STA. 9736+17.00 B - STA. 9745+49.34 B
STA. 9735+76.47 C - STA. 9747+50.54 C
STA. 9724+97.35 D - STA. 9734+82.06 D

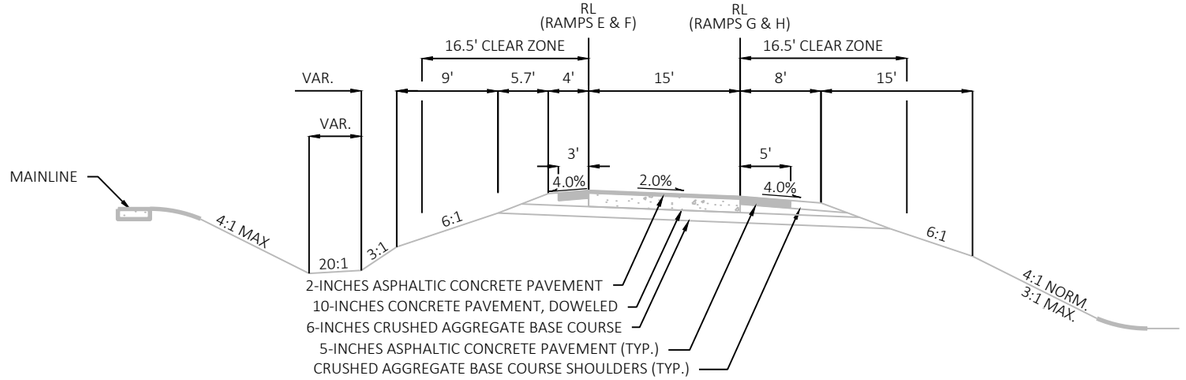
PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	TYPICAL SECTIONS	SHEET 5	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\020301-TS.DWG
LAYOUT NAME - 020302-ts
PLOT DATE : 6/26/2025 10:13 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42

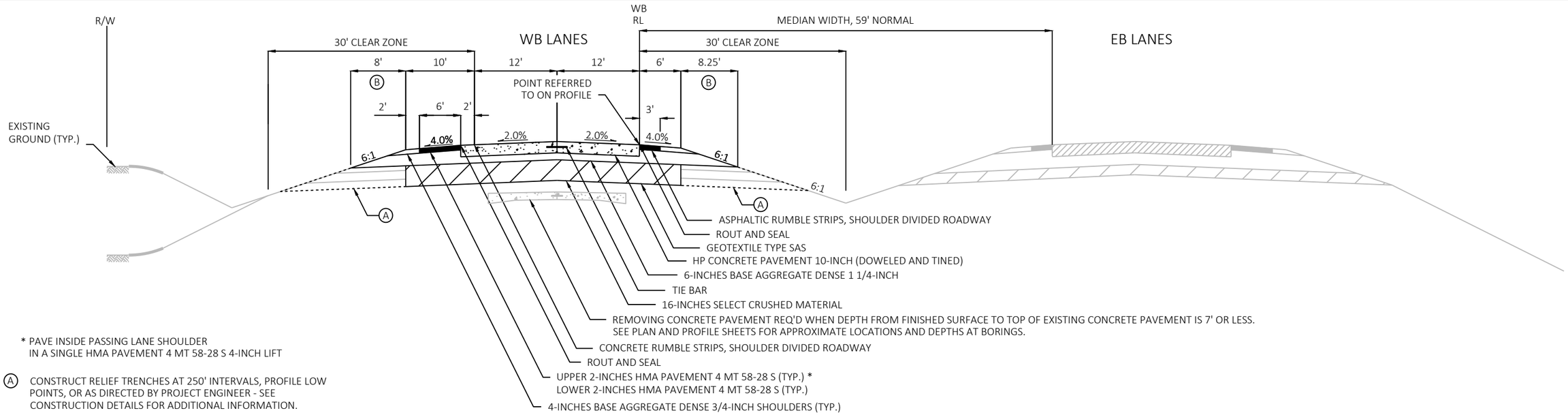
2



EXISTING TYPICAL SECTION
CTH H
STA. 2005+77.11 - STA.2013+83.85



EXISTING TYPICAL SECTION
CTH H RAMPS
STA. 10026+92.31 E - STA. 10033+52.23 E
STA. 10034+52.49 F - STA. 10042+91.82 F
STA. 10034+57.53 G - STA. 10044+55.72 G
STA. 10022+90.80 H - STA. 10033+58.49 H



* PAVE INSIDE PASSING LANE SHOULDER
IN A SINGLE HMA PAVEMENT 4 MT 58-28 S 4-INCH LIFT

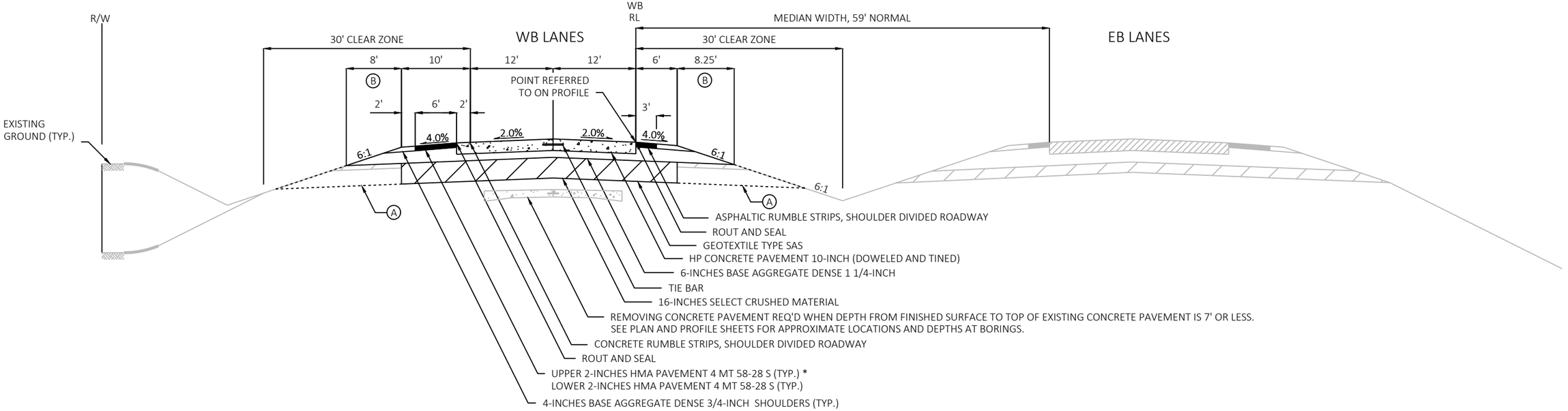
(A) CONSTRUCT RELIEF TRENCHES AT 250' INTERVALS, PROFILE LOW POINTS, OR AS DIRECTED BY PROJECT ENGINEER - SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.

(B) SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE B.

SEE EROSION CONTROL SHEETS FOR ADDITIONAL FINISHING ITEMS.

FINISHED TYPICAL SECTION

STH 29
STA. 9707+00 WB - STA. 9713+99 WB
STA. 9755+69 WB - STA. 9842+73 WB



* PAVE INSIDE PASSING LANE SHOULDER
IN A SINGLE HMA PAVEMENT 4 MT 58-28 S 4-INCH LIFT

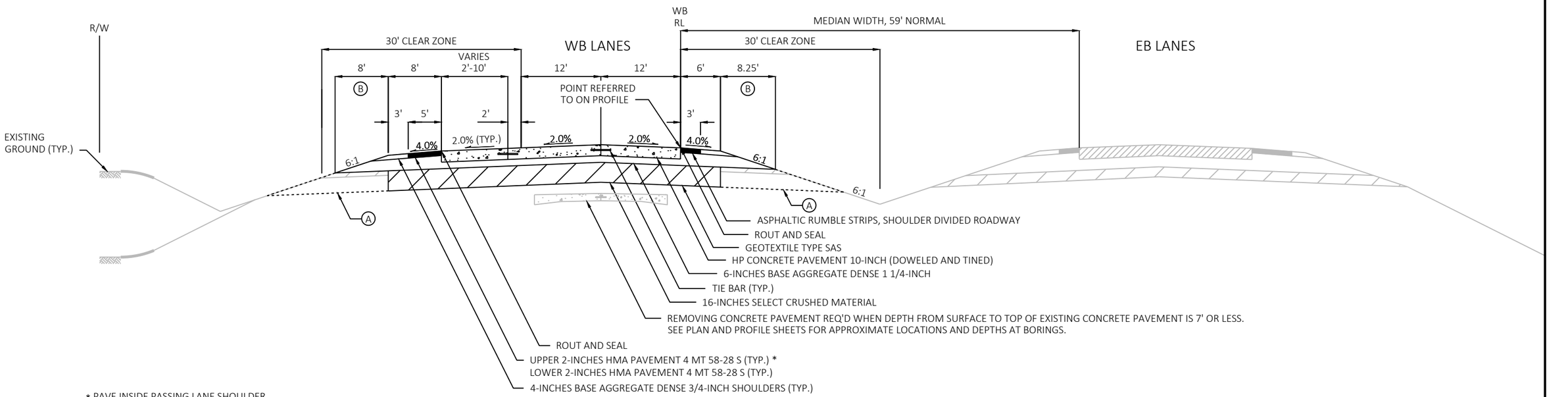
FINISHED TYPICAL SECTION

STH 29
STA. 9713+99 WB - STA. 9716+60 WB
STA. 9724+97 WB - STA. 9747+51 WB
STA. 9754+80 WB - STA. 9755+69 WB
STA. 9842+73 WB - STA. 10014+33WB
STA. 10022+91 WB - STA. 10044+56 WB
STA. 10051+83 WB - STA. 10106+55 WB **

** NET EXCEPTION TO CL LENGTH
STA. 10064+87.32 WB - STA. 10065+34.83 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TYPICAL SECTIONS	SHEET 7	E

2



* PAVE INSIDE PASSING LANE SHOULDER
IN A SINGLE HMA PAVEMENT 4 MT 58-28 S 4-INCH LIFT

(A) CONSTRUCT RELIEF TRENCHES AT 250' INTERVALS, PROFILE LOW POINTS, OR AS DIRECTED BY PROJECT ENGINEER - SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.

(B) SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE B.

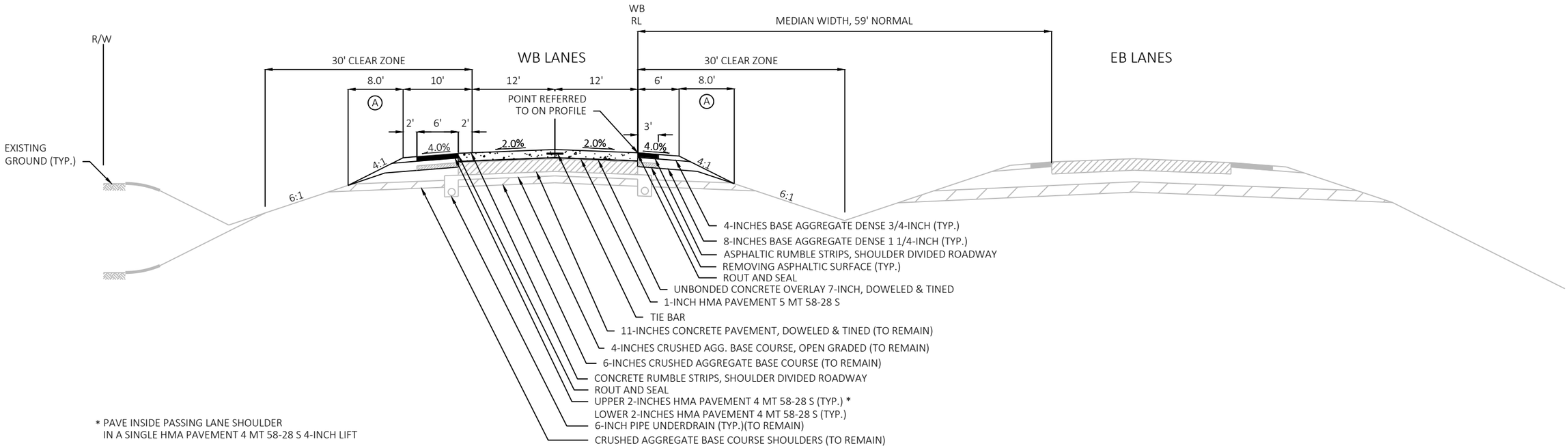
SEE EROSION CONTROL SHEETS FOR ADDITIONAL FINISHING ITEMS.

FINISHED TYPICAL SECTION

STH 29
STA. 9716+60 WB - STA. 9724+97 WB
STA. 9747+51 WB - STA. 9754+80 WB
STA. 10014+33 WB - STA. 10022+91 WB
STA. 10044+56 WB - STA. 10051+83 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TYPICAL SECTIONS	SHEET 8	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\020301-TS.DWG
LAYOUT NAME - 020305-ts
PLOT DATE : 8/6/2025 4:42 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42



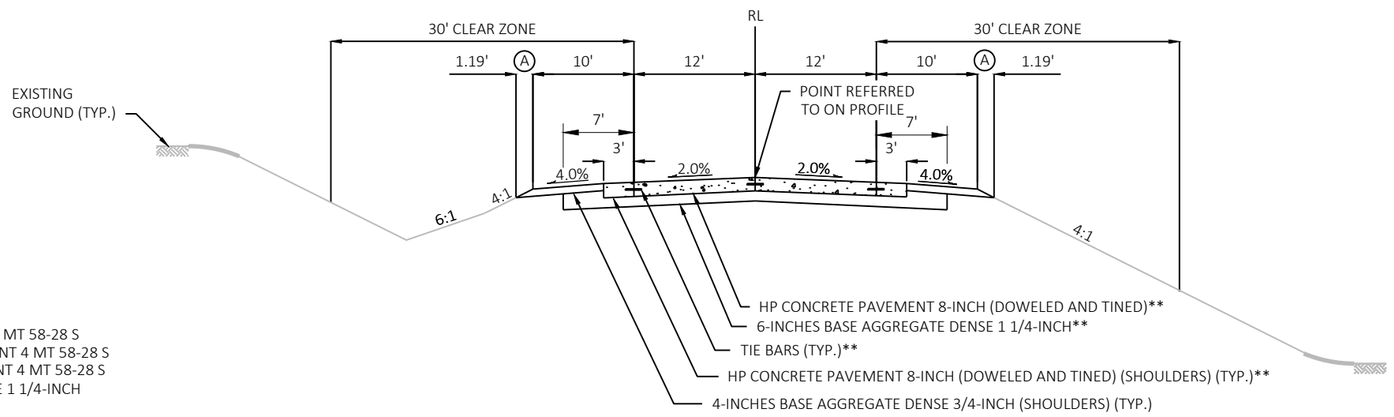
* PAVE INSIDE PASSING LANE SHOULDER
IN A SINGLE HMA PAVEMENT 4 MT 58-28 S 4-INCH LIFT

Ⓐ SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE B.

SEE EROSION CONTROL SHEETS FOR ADDITIONAL FINISHING ITEMS.

FINISHED TYPICAL SECTION

STH 29
STA. 10106+55 WB - STA. 10253+82.77 WB



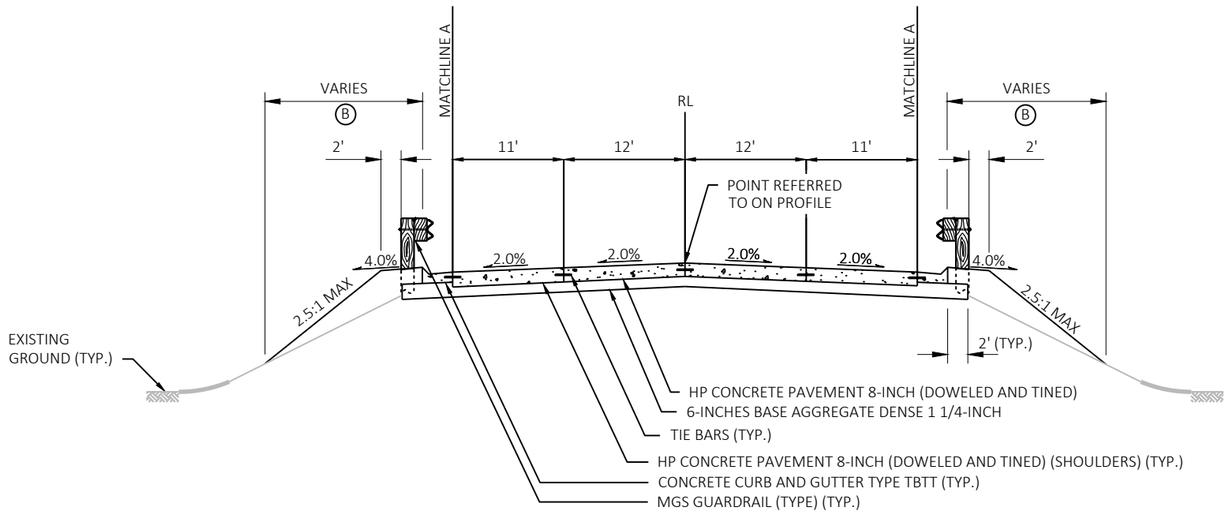
** STA. 999+95.00 - STA. 1000+10.00
STA. 1036+79.01 - STA. 1036+94.01
UPPER 2-INCHES HMA PAVEMENT 4 MT 58-28 S
MIDDLE 2.25-INCHES HMA PAVEMENT 4 MT 58-28 S
LOWER 2.25-INCHES HMA PAVEMENT 4 MT 58-28 S
16-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

FINISHED TYPICAL SECTION

STH 97
STA. 999+95.00 - STA. 1022+08.53
STA. 1028+10.04 - STA. 1036+94.01

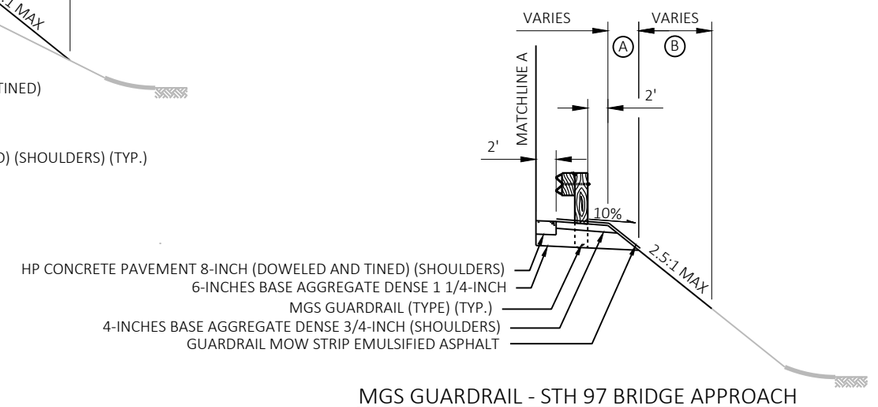
PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	TYPICAL SECTIONS	SHEET 9	E

2



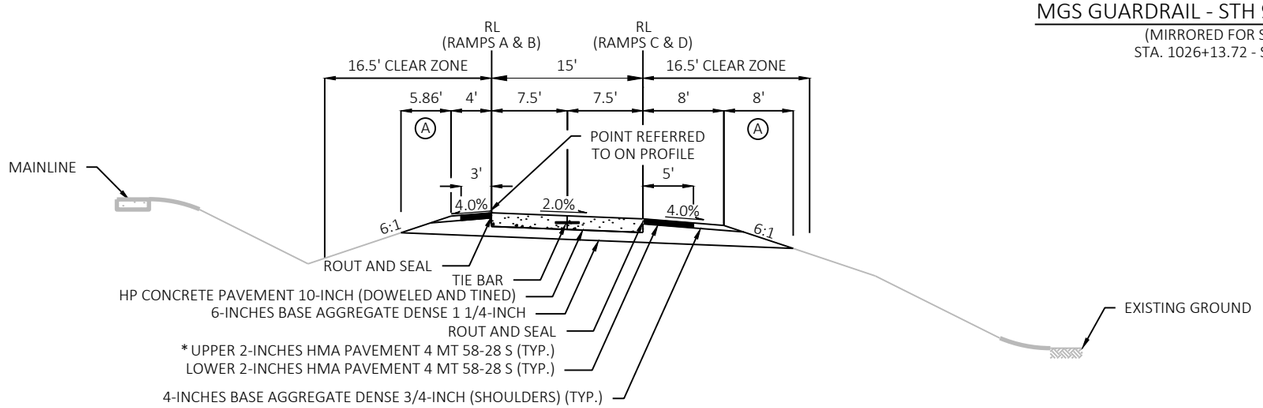
FINISHED TYPICAL SECTION

STH 97
STA. 1022+08.53 - STA. 1028+10.04



MGS GUARDRAIL - STH 97 BRIDGE APPROACH

(MIRRORED FOR SOUTHBOUND)
STA. 1026+13.72 - STA. 1028+10.04



* PAVE 3-FOOT HMA SHOULDER
IN A SINGLE HMA PAVEMENT 4 MT 58-28 S 4-INCH LIFT

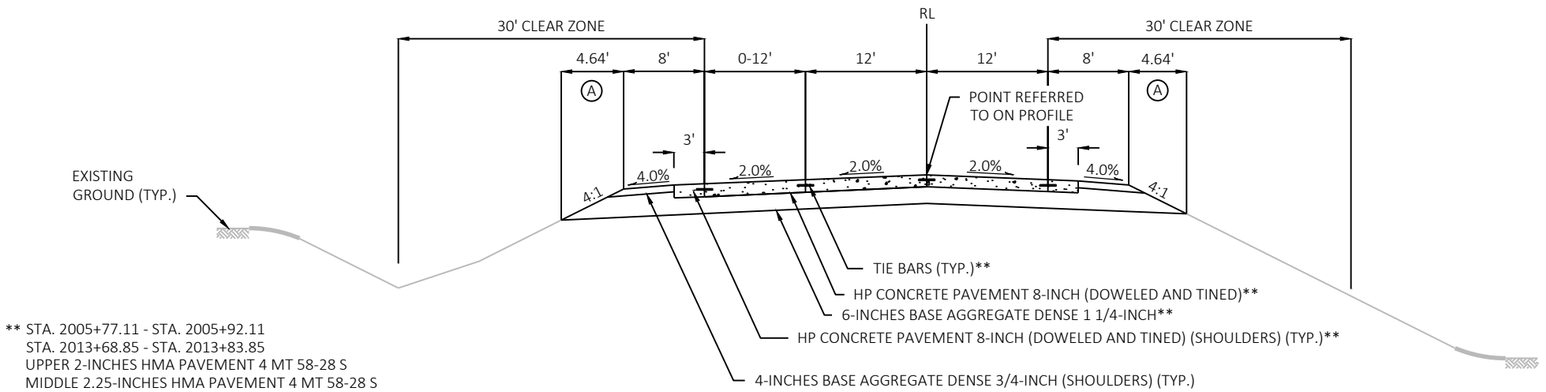
(A) SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE B.

(B) EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B

SEE EROSION CONTROL SHEETS FOR ADDITIONAL FINISHING ITEMS.

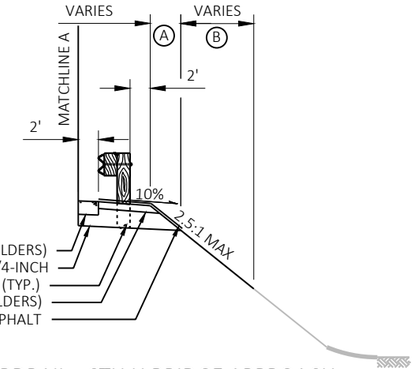
FINISHED TYPICAL SECTION

STH 97 RAMPS
STA. 9727+96.95 A - STA. 9735+05.42 A
STA. 9736+17.00 B - STA. 9745+49.34 B
STA. 9735+76.47 C - STA. 9747+50.54 C
STA. 9724+97.35 D - STA. 9734+82.06 D

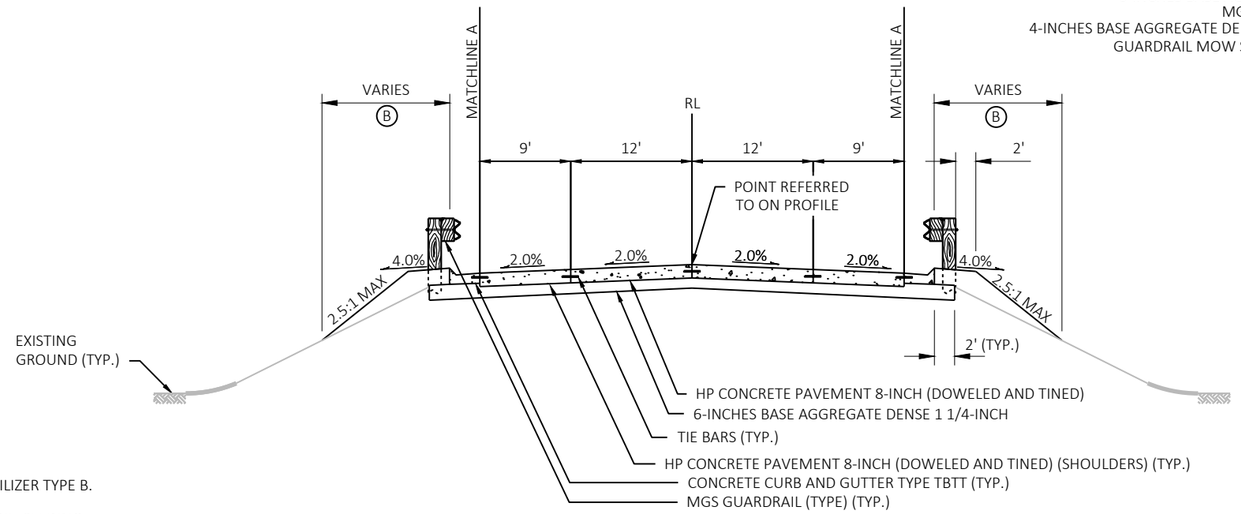


** STA. 2005+77.11 - STA. 2005+92.11
STA. 2013+68.85 - STA. 2013+83.85
UPPER 2-INCHES HMA PAVEMENT 4 MT 58-28 S
MIDDLE 2.25-INCHES HMA PAVEMENT 4 MT 58-28 S
LOWER 2.25-INCHES HMA PAVEMENT 4 MT 58-28 S
16-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

FINISHED TYPICAL SECTION
CTH H
STA. 2005+77.11 - STA.2013+83.85



MGS GUARDRAIL - CTH H BRIDGE APPROACH
(MIRRORED FOR SOUTHBOUND)
STA. 2006+82.96 - STA. 2008+70.69



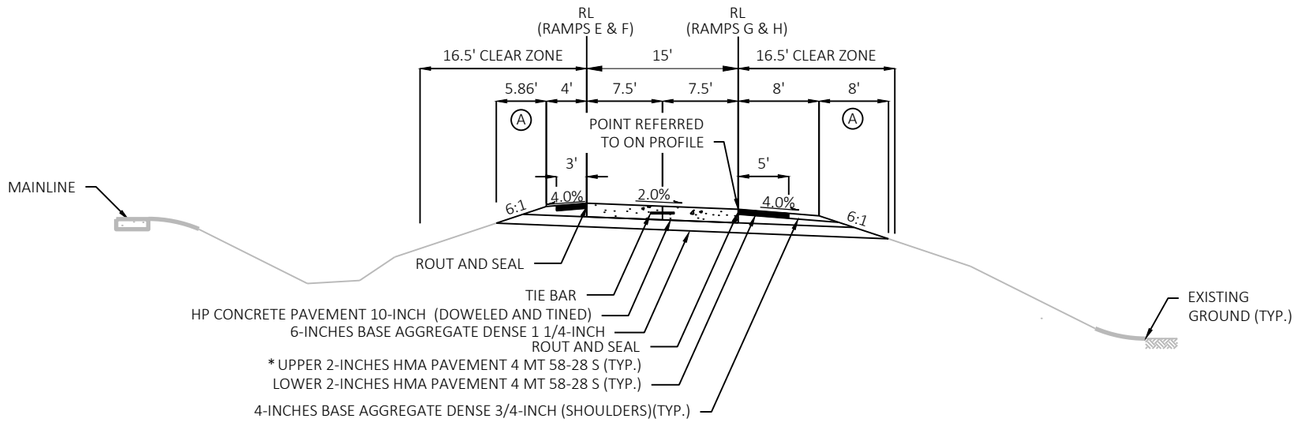
FINISHED TYPICAL SECTION
CTH H
STA. 2006+82.96 - STA. 2012+86.85

(A) SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE B.

(B) EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B

SEE EROSION CONTROL SHEETS FOR ADDITIONAL FINISHING ITEMS.

2



* PAVE 3-FOOT HMA SHOULDER
IN A SINGLE HMA PAVEMENT 4 MT 58-28 S 4-INCH LIFT

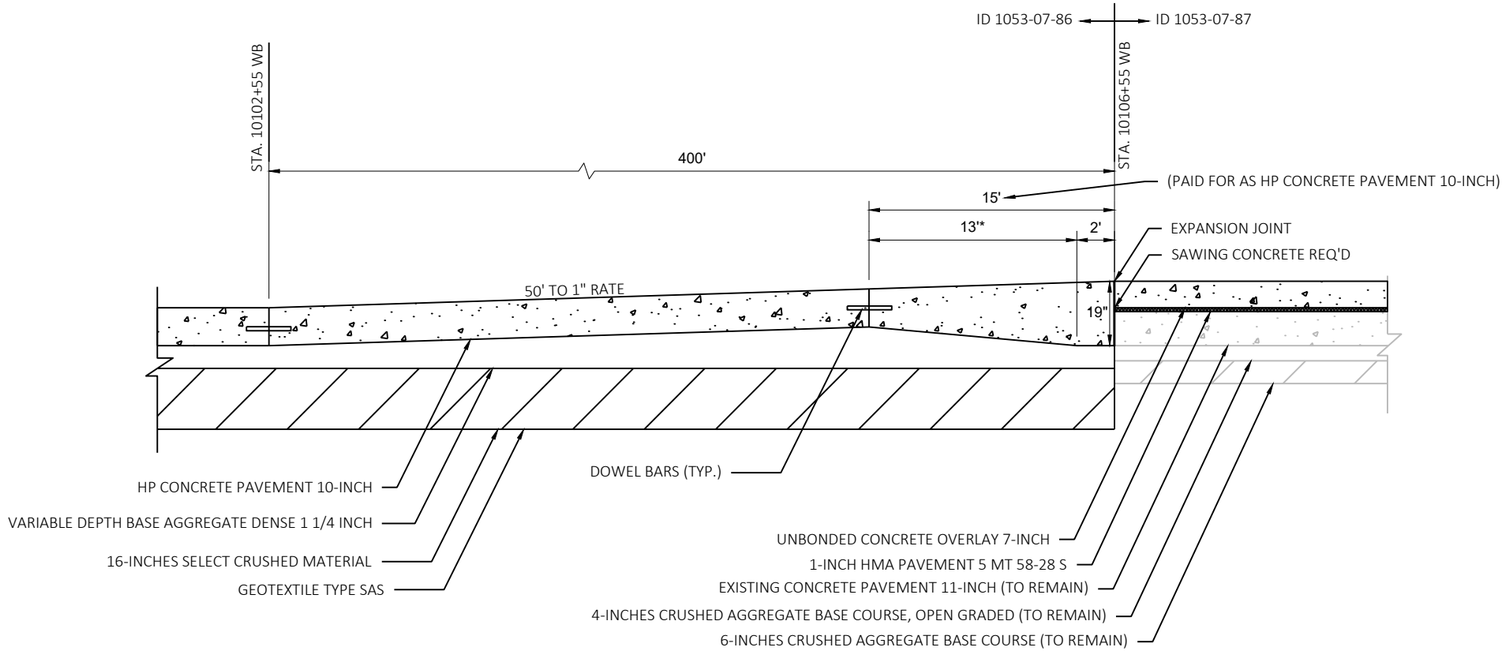
Ⓐ SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE B.

SEE EROSION CONTROL SHEETS FOR ADDITIONAL FINISHING ITEMS.

FINISHED TYPICAL SECTION

CTH H RAMPS
STA. 10027+35.44 E - STA. 10033+52.23 E
STA. 10034+52.49 F - STA. 10042+43.22 F
STA. 10034+57.53 G - STA. 10044+55.72 G
STA. 10022+90.80 H - STA. 10033+58.49 H

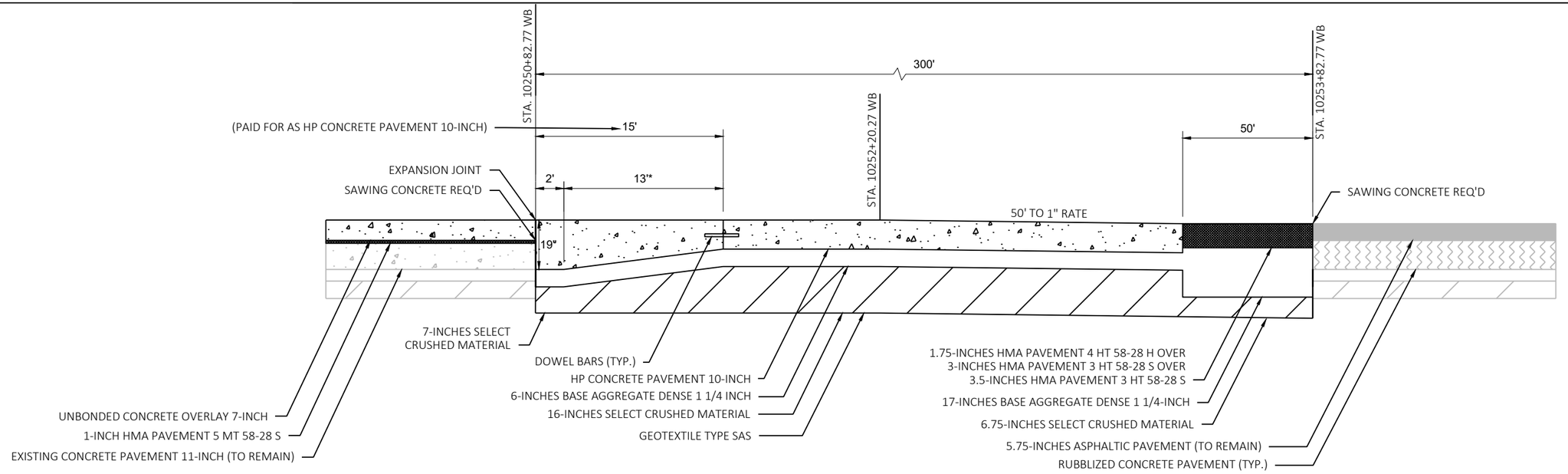
2



STH 29 PAVEMENT TYPE TRANSITION DETAIL

STA. 10102+55 WB - STA. 10106+55 WB

*THICKEN CONCRETE PAVEMENT FROM 10-INCH TO 19-INCH

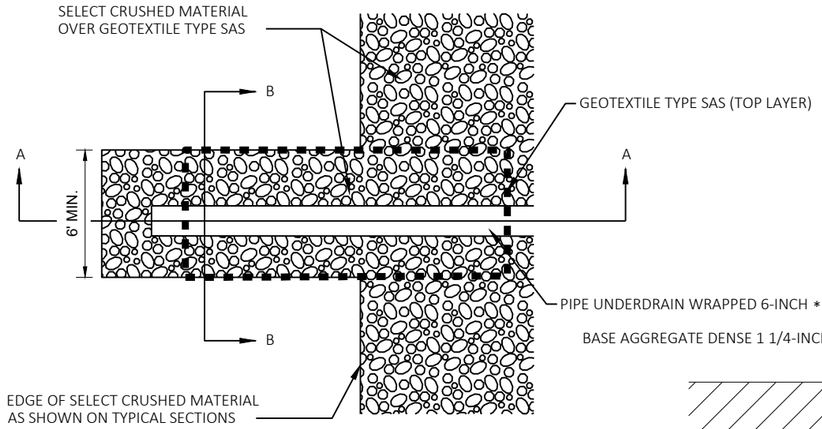


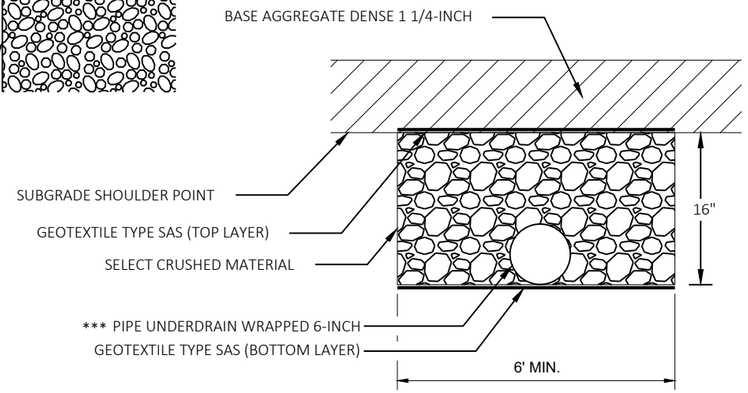
STH 29 PAVEMENT TYPE TRANSITION DETAIL - END OF PROJECT

STA. 10250+82.77 WB - STA. 10253+82.77 WB

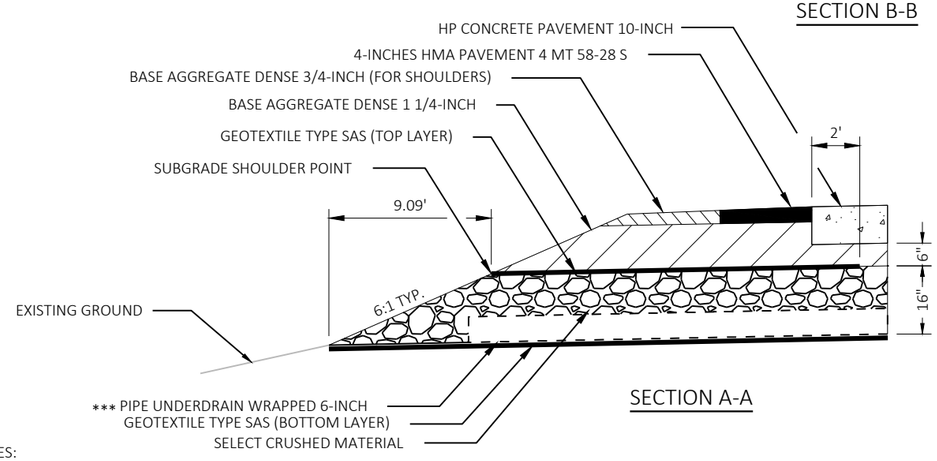
*TRANSITION CONCRETE PAVEMENT FROM 19-INCH TO 10-INCH

PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS	SHEET 13	E





SECTION B-B



SECTION A-A

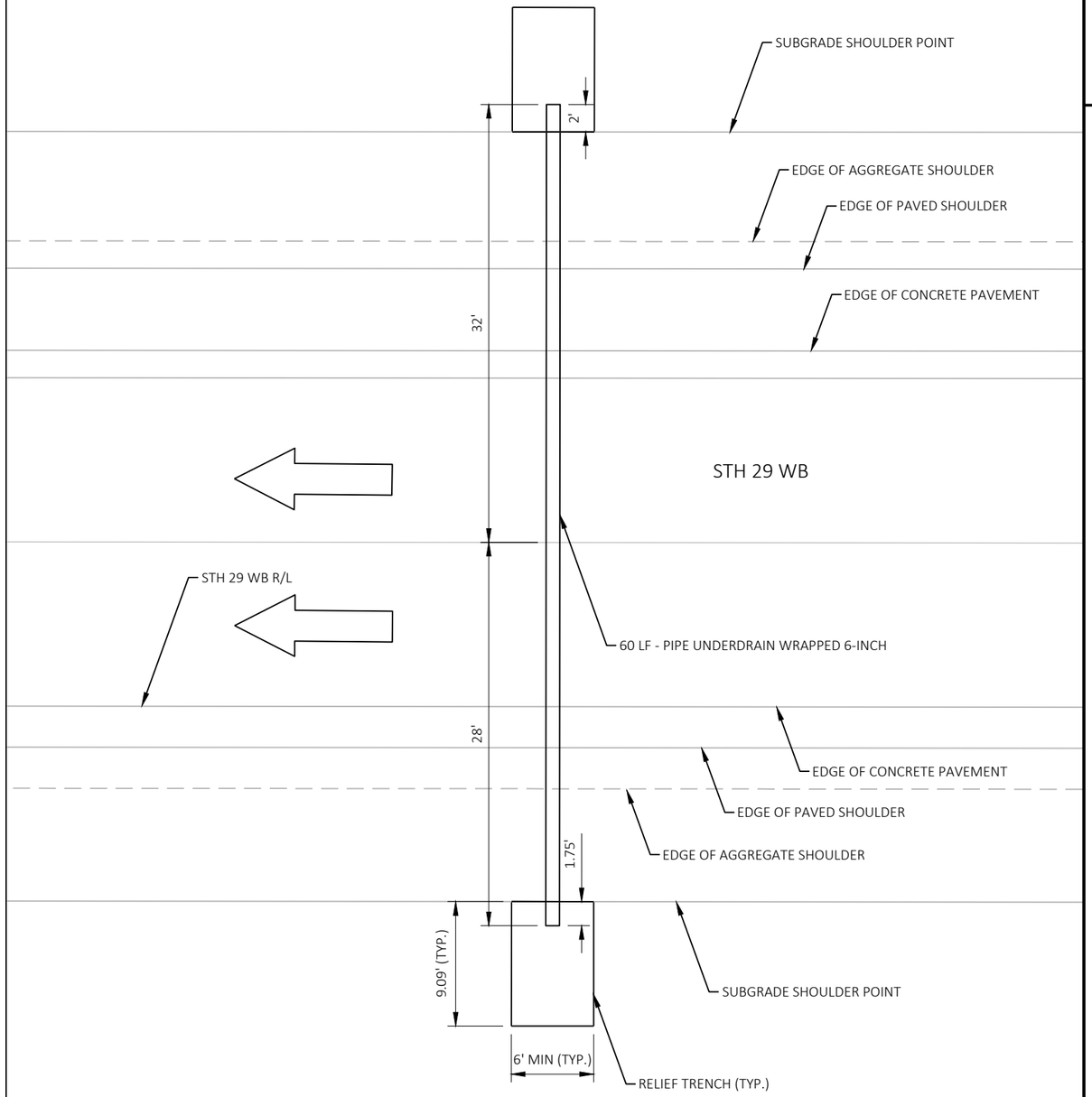
NOTES:

CONSTRUCT RELIEF TRENCHES AT LEAST EVERY 250', AT EACH LOW POINT IN THE PROFILE, OR AS DIRECTED BY ENGINEER. CONSTRUCT AT ANGLE AS NEEDED TO ENSURE POSITIVE DRAINAGE (LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER).

EXISTING PIPE UNDERDRAIN ENDWALL REMOVAL INCIDENTAL TO COMMON EXCAVATION.

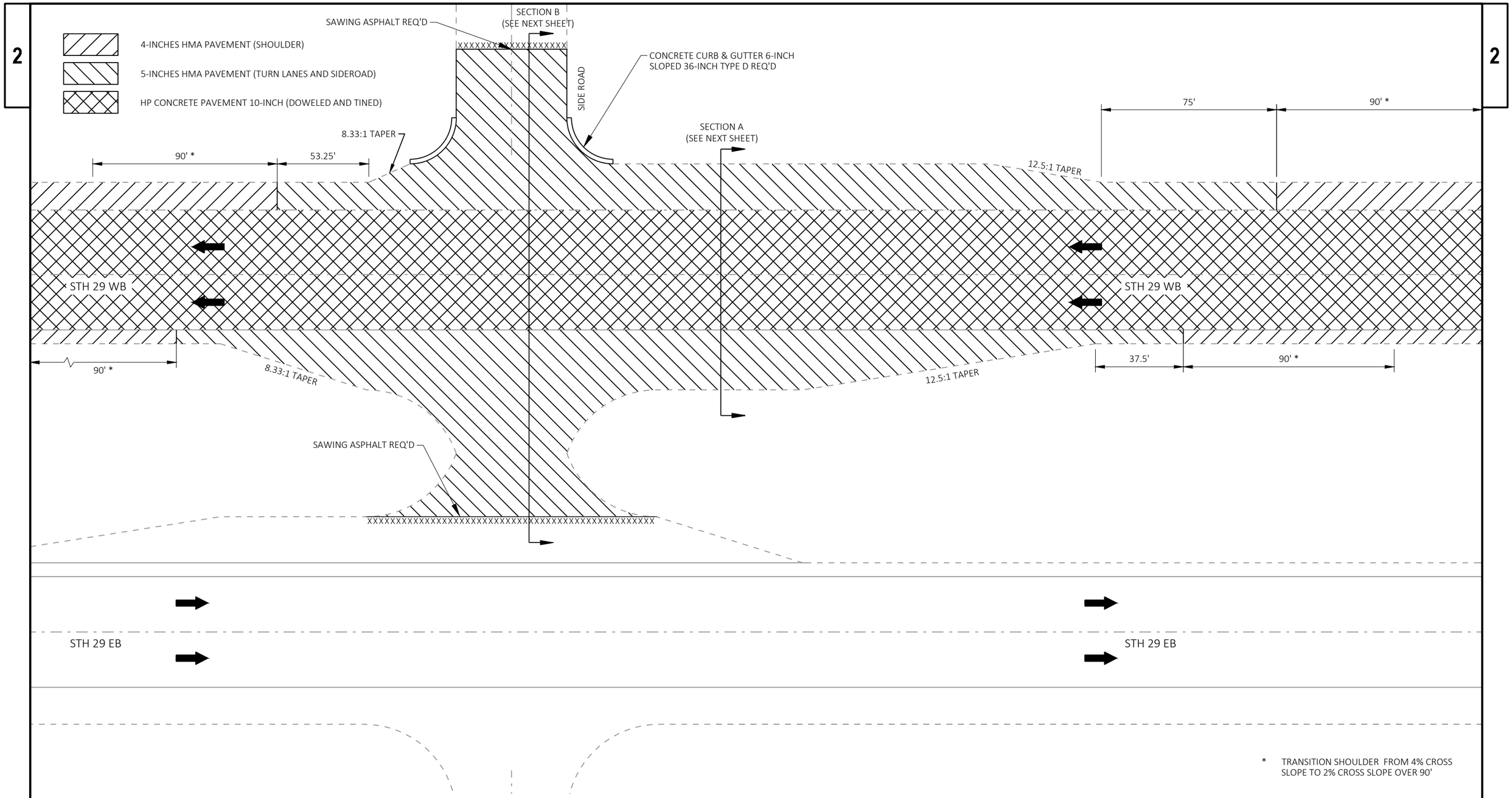
***INSTALL PIPE UNDERDRAIN WRAPPED 6-INCH AT LOW POINTS AND AS DIRECTED BY THE ENGINEER.

RELIEF TRENCH DETAIL



PIPE UNDERDRAIN WRAPPED 6-INCH AT RELIEF TRENCH DETAIL

(SEE RELIEF TRENCH DETAIL FOR LOCATIONS)



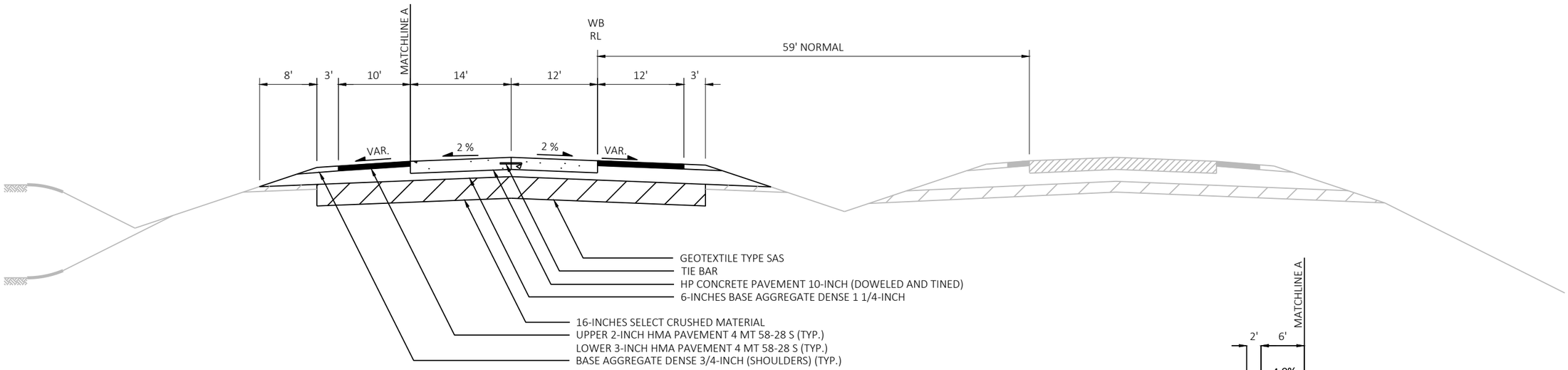
* TRANSITION SHOULDER FROM 4% CROSS SLOPE TO 2% CROSS SLOPE OVER 90'

SIDE ROAD PAVING DETAIL - PAVEMENT REPLACEMENT

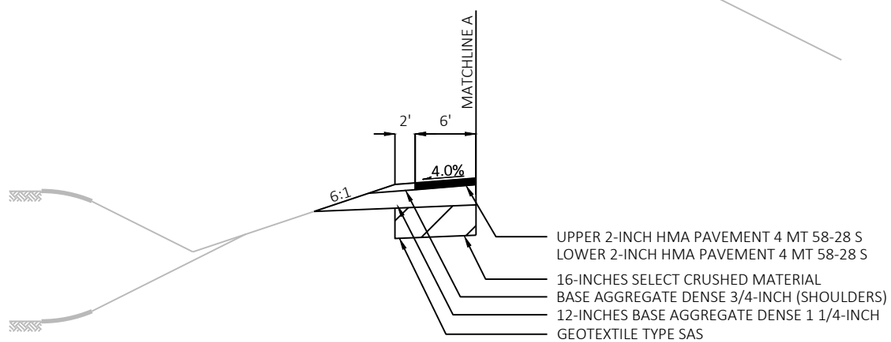
PIONEER ROAD	HILLDALE DRIVE
MAHOGANY DRIVE	RED CARDINAL ROAD
COUNTY M	PHEASANT FALLS ROAD

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS	SHEET 15	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021001-CD.DWG
LAYOUT NAME - 021004-cd
PLOT DATE : 6/26/2025 10:14 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

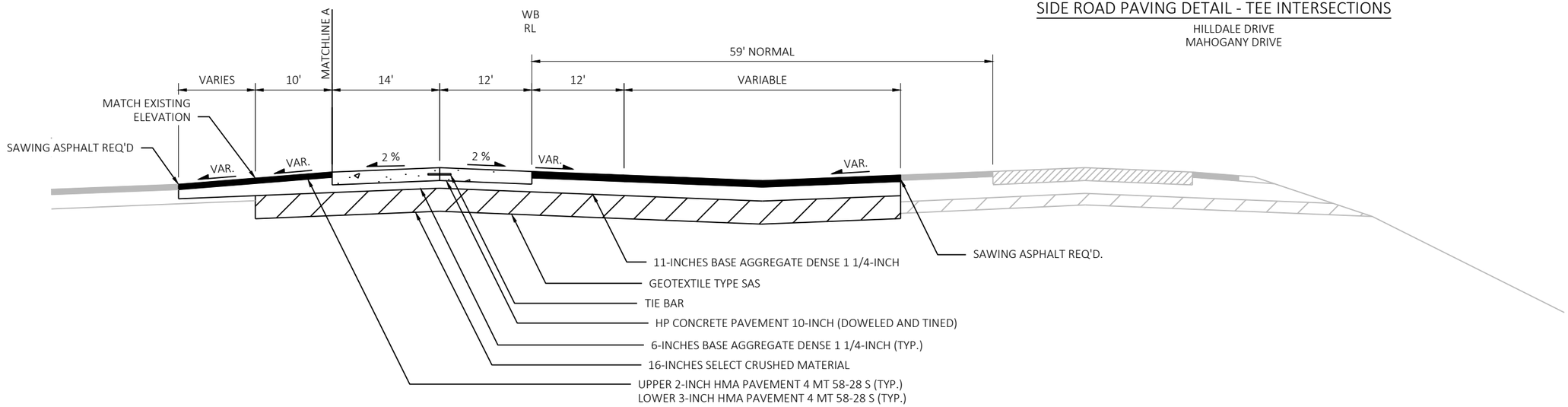


SECTION A



SIDE ROAD PAVING DETAIL - TEE INTERSECTIONS

HILLDALE DRIVE
MAHOGANY DRIVE



SECTION B

SIDE ROAD PAVING DETAIL - PAVEMENT REPLACEMENT TYPICAL SECTIONS

PIONEER ROAD
COUNTY M
RED CARDINAL ROAD
PHEASANT FALLS ROAD

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS	SHEET 16	E

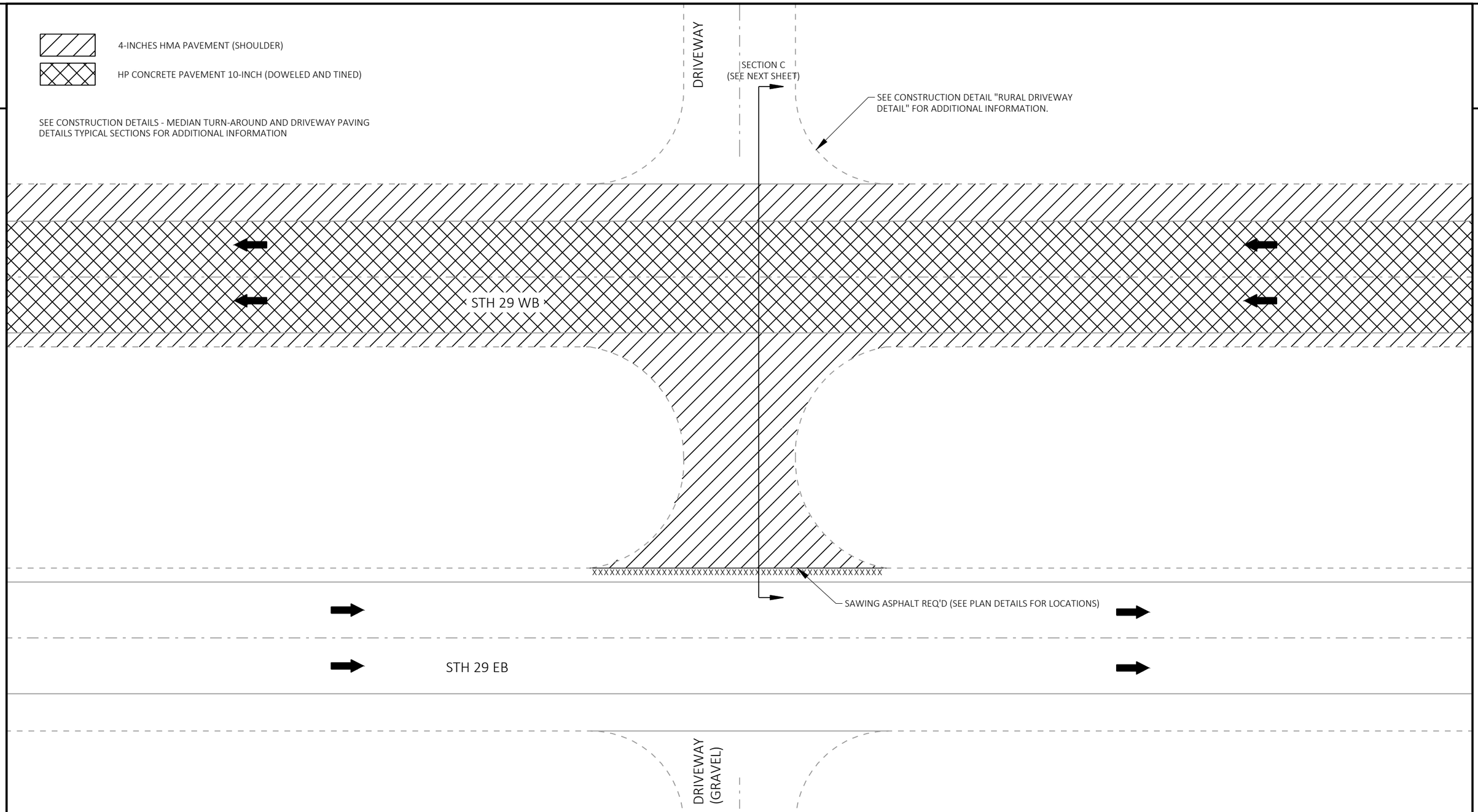
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021001-CD.DWG
LAYOUT NAME - 021005-cd
PLOT DATE : 6/27/2025 9:16 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42

2

4-INCHES HMA PAVEMENT (SHOULDER)

HP CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)

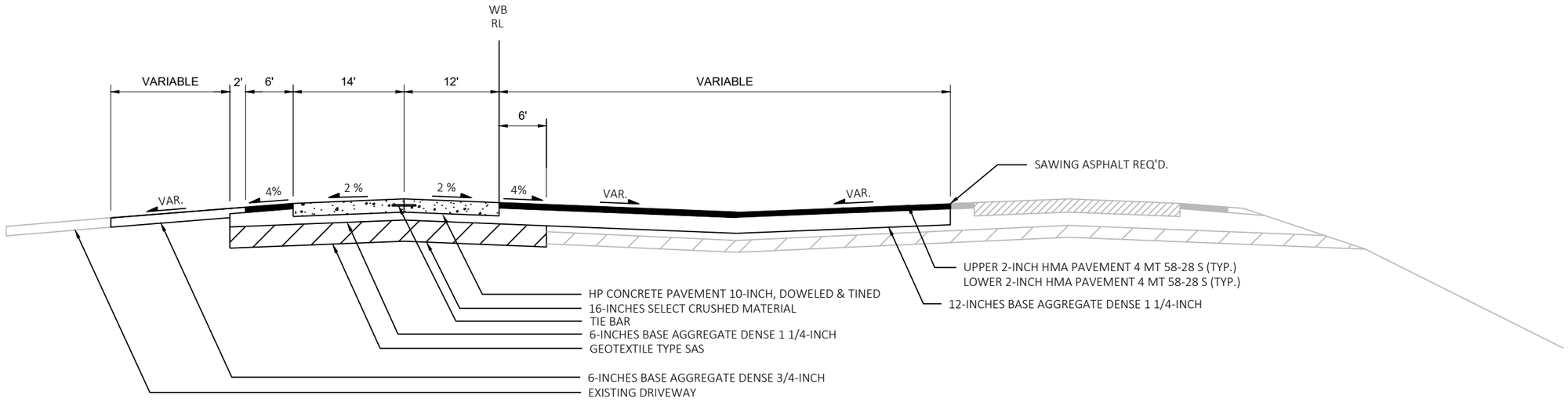
SEE CONSTRUCTION DETAILS - MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAILS TYPICAL SECTIONS FOR ADDITIONAL INFORMATION



MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL - PAVEMENT REPLACEMENT

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS	SHEET 17	E

2



SECTION C

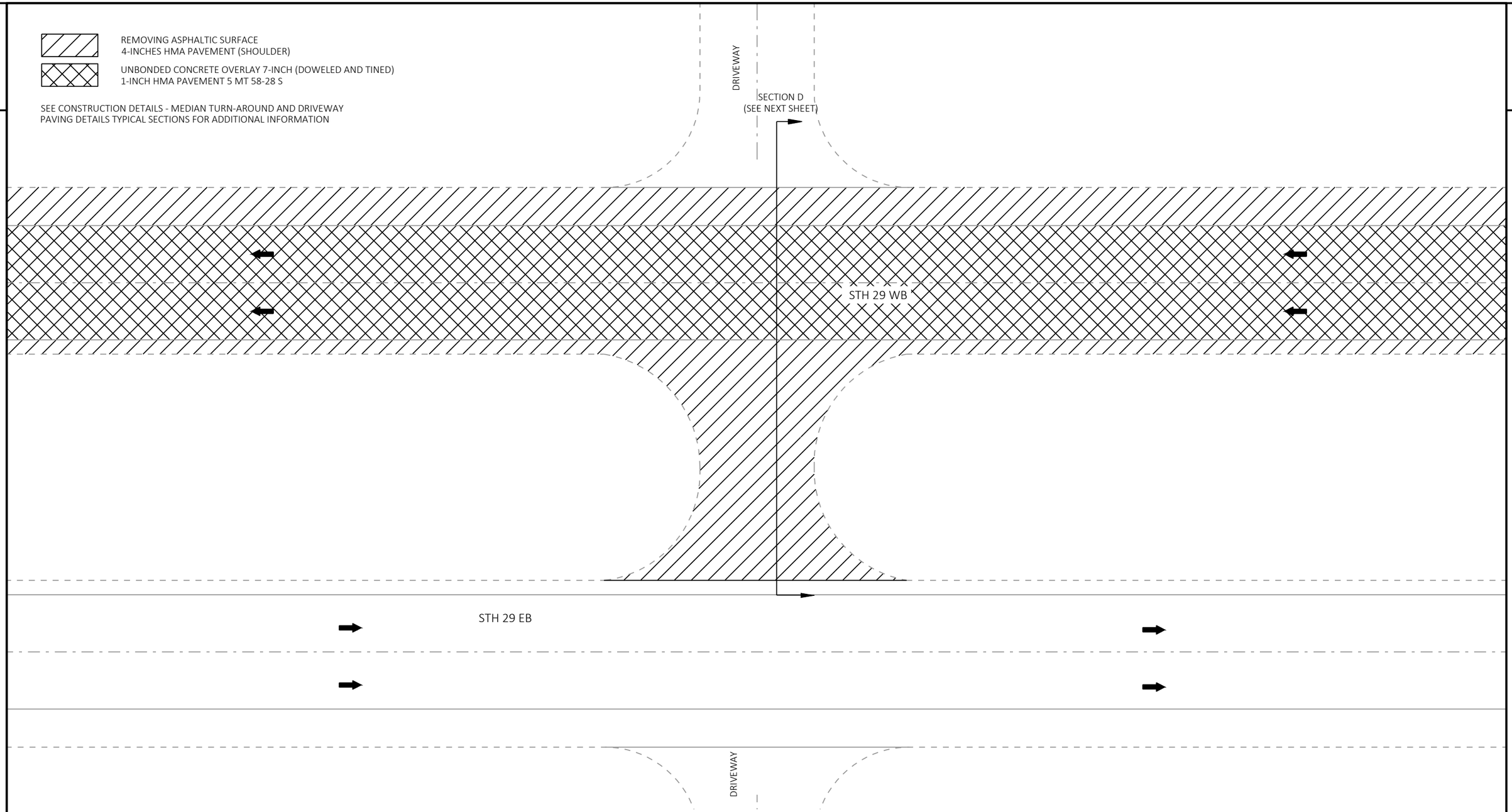
MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL - PAVEMENT REPLACEMENT TYPICAL SECTION

2

REMOVING ASPHALTIC SURFACE
4-INCHES HMA PAVEMENT (SHOULDER)

UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED AND TINED)
1-INCH HMA PAVEMENT 5 MT 58-28 S

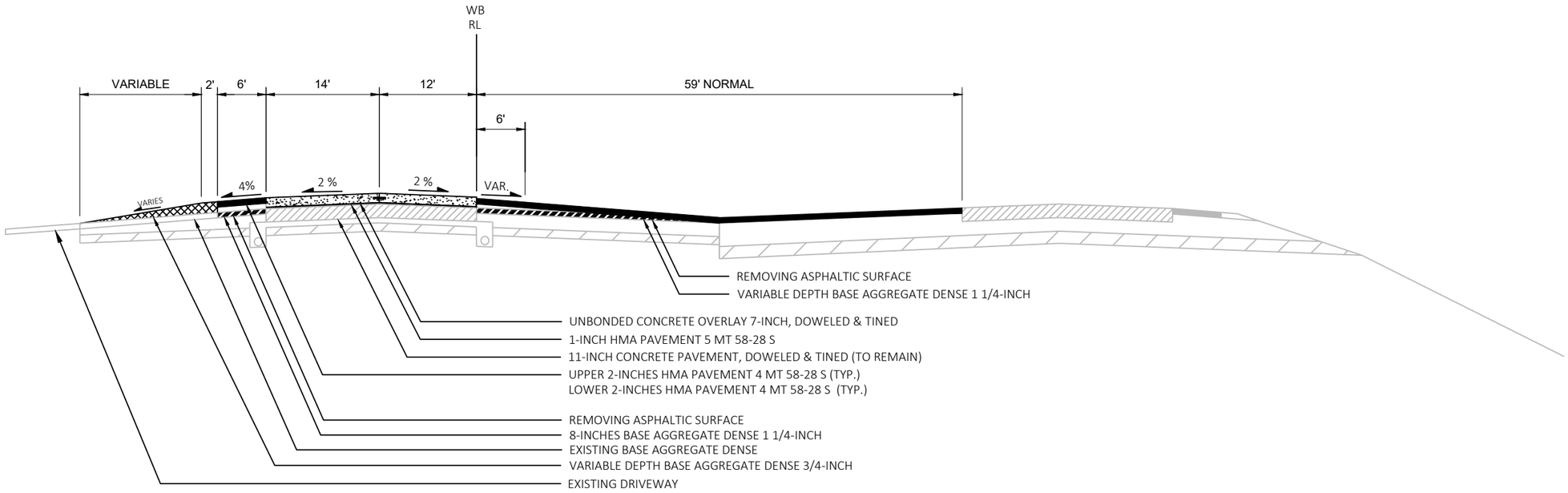
SEE CONSTRUCTION DETAILS - MEDIAN TURN-AROUND AND DRIVEWAY
PAVING DETAILS TYPICAL SECTIONS FOR ADDITIONAL INFORMATION



MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL - CONCRETE OVERLAY

2

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS	SHEET 19	E



SECTION D

MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL - CONCRETE OVERLAY TYPICAL SECTIONS

2

REMOVING ASPHALTIC SURFACE
4-INCHES HMA PAVEMENT (SHOULDER)

REMOVING ASPHALTIC SURFACE
5-INCHES HMA PAVEMENT (TURN LANES AND SIDEROAD) **

UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED AND TINED)
1-INCH HMA PAVEMENT 5 MT 58-28 S

SAWING ASPHALT REQ'D

SECTION F
(SEE NEXT SHEET)

CONCRETE CURB & GUTTER 6-INCH
SLOPED 36-INCH TYPE D REQ'D

SIDE ROAD

8.33:1 TAPER

90' *

53.25'

SECTION E
(SEE NEXT SHEET)

12.5:1 TAPER

75'

90' *

STH 29 WB

STH 29 WB

90' *

8.33:1 TAPER

12.5:1 TAPER

37.5'

90' *

STH 29 EB

STH 29 EB

SIDE ROAD

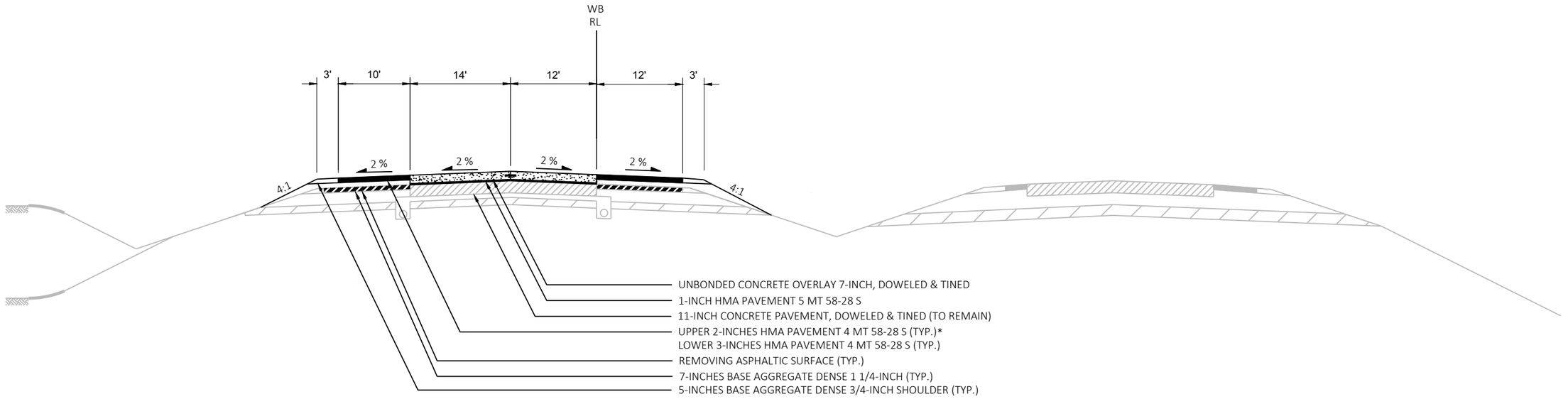
SIDE ROAD PAVING DETAIL - CONCRETE OVERLAY

LUMBER FALLS RD
CTH S

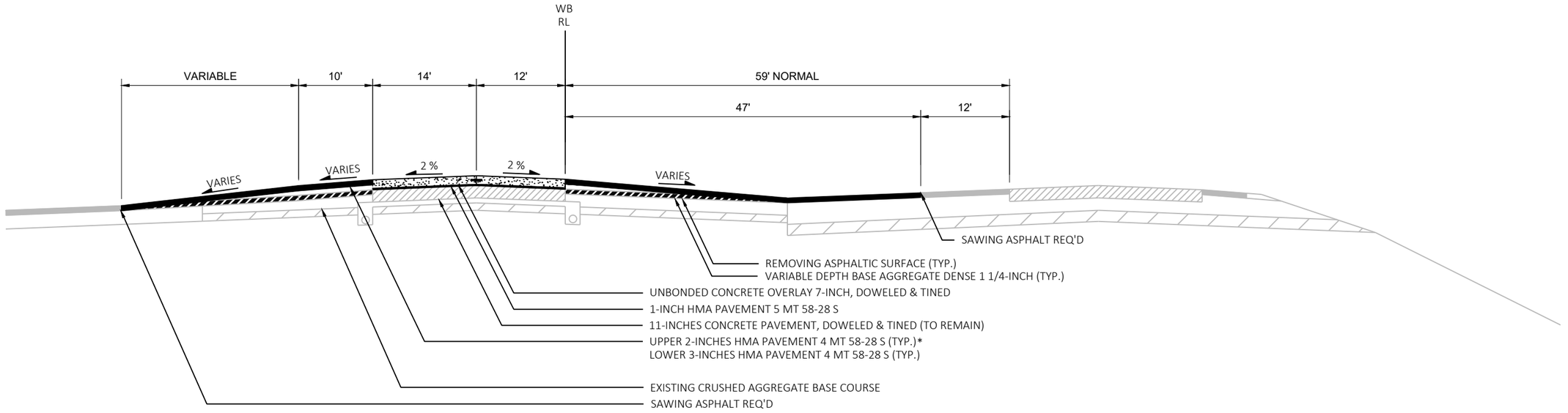
* TRANSITION SHOULDER FROM 4% CROSS SLOPE TO 2% CROSS SLOPE OVER 90'

** CTH S PAVEMENT STRUCTURE:
UPPER 2-INCH HMA PAVEMENT 4 LT 58-28 S
MIDDLE 2-INCH HMA PAVEMENT 4 LT 58-28 S
LOWER 2-INCH HMA PAVEMENT 4 LT 58-28 S

2



SECTION E



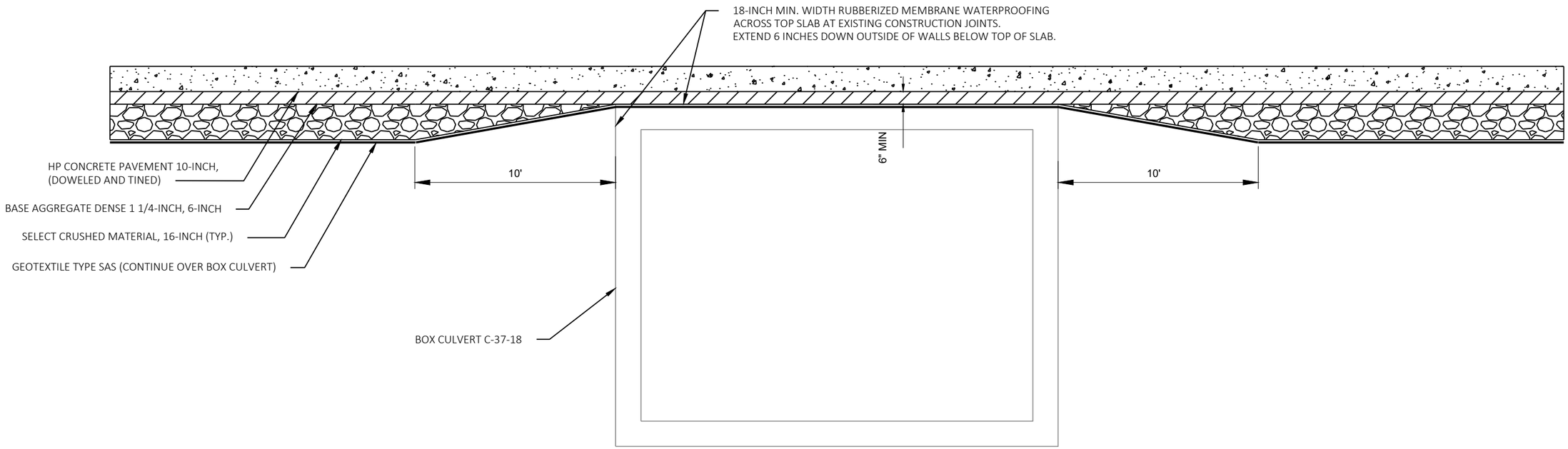
SECTION F

SIDE ROAD PAVING DETAIL - CONCRETE OVERLAY TYPICAL SECTIONS

LUMBER FALLS RD
CTH S

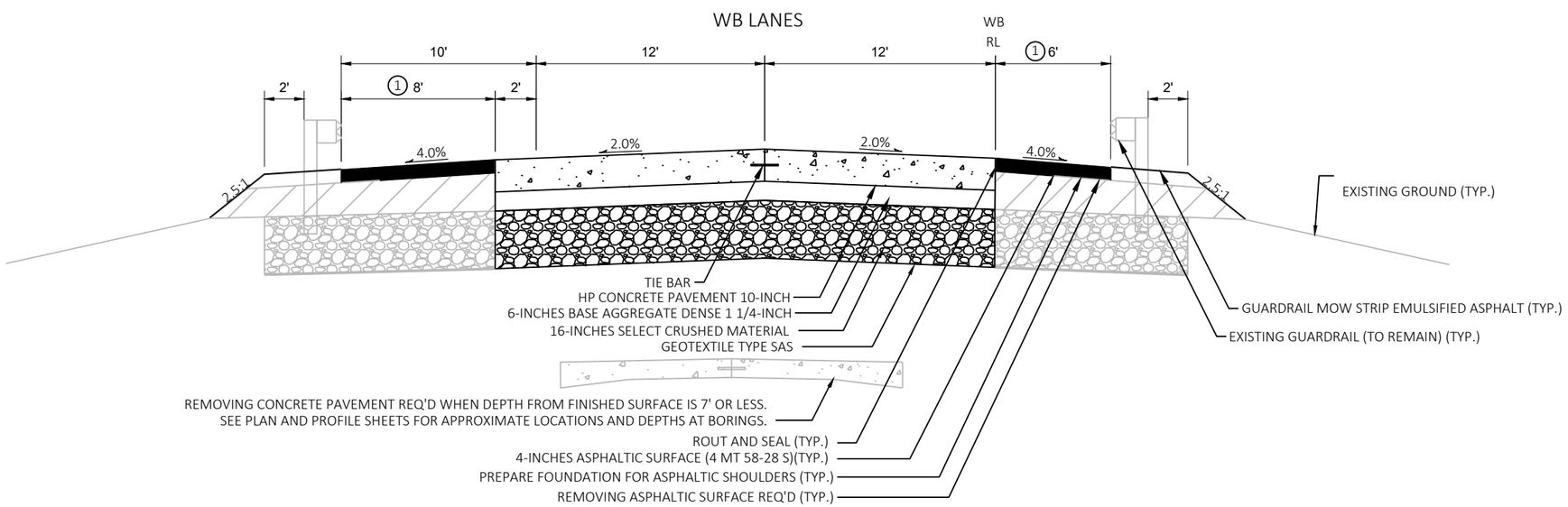
* CTH S PAVEMENT STRUCTURE:
UPPER 2-INCH HMA PAVEMENT 4 MT 58-28 S
MIDDLE 2-INCH HMA PAVEMENT 4 MT 58-28 S
LOWER 2-INCH HMA PAVEMENT 4 MT 58-8 S

2



BOX CULVERT C-37-18 GRADING

STA. 9953+00 WB

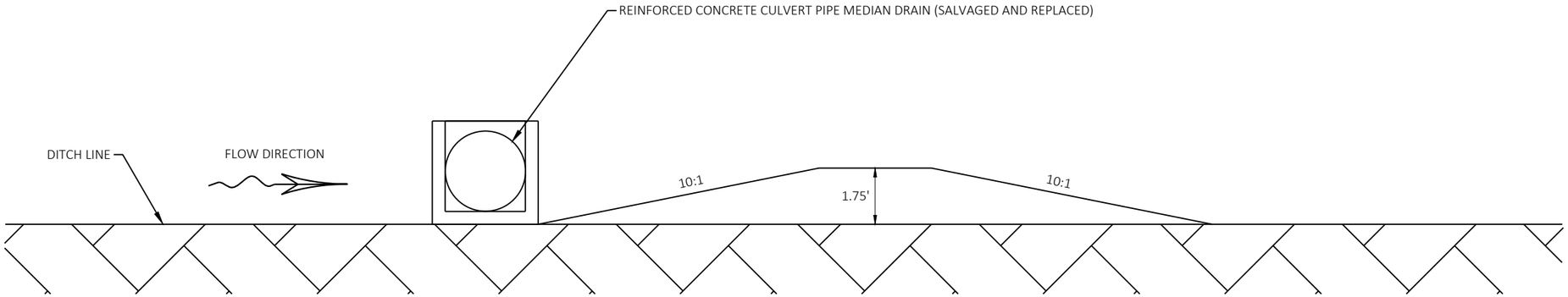


STH 29 GUARDRAIL TO REMAIN PAVEMENT REPLACEMENT DETAIL

10060+80.61 WB - 10064+60.37 WB

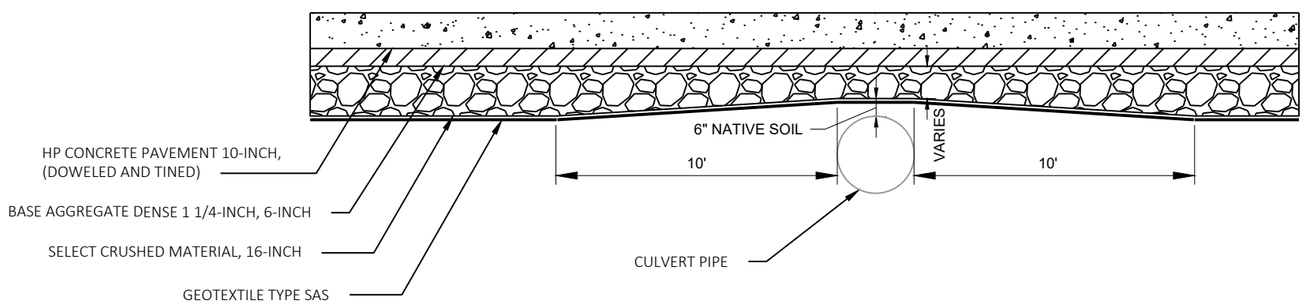
(1) PAVE HMA SHOULDER TO BE IN ACCORDANCE WITH THE TOLERANCES SHOWN IN SDD "MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL"

2

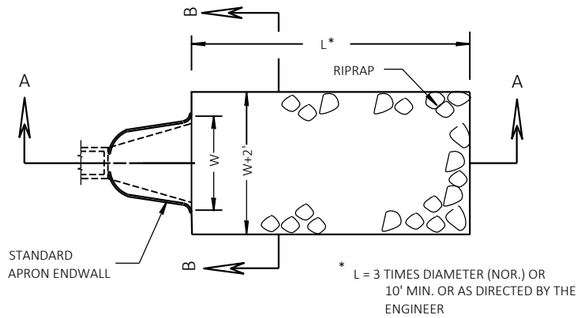


REESTABLISHING DITCH DIKES AT IMPACTED MEDIAN DRAINS

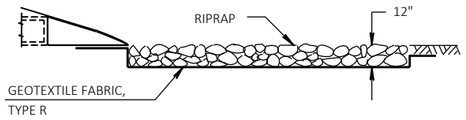
10049+50 WB
10057+50 WB



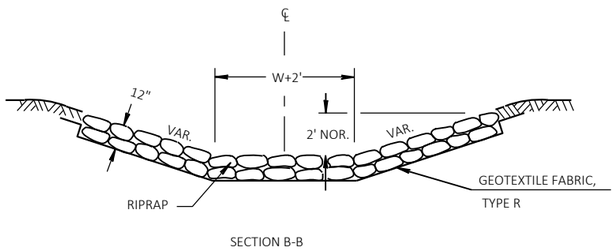
CULVERT PIPE GRADING



* L = 3 TIMES DIAMETER (NOR.) OR
10' MIN. OR AS DIRECTED BY THE
ENGINEER

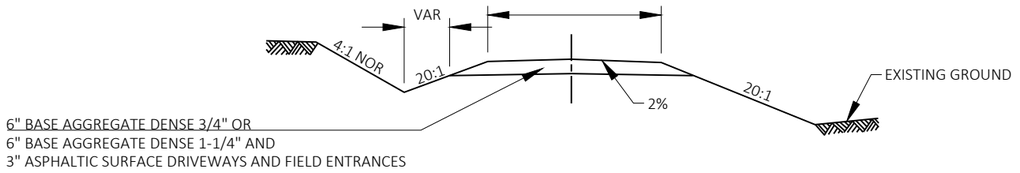


SECTION A-A

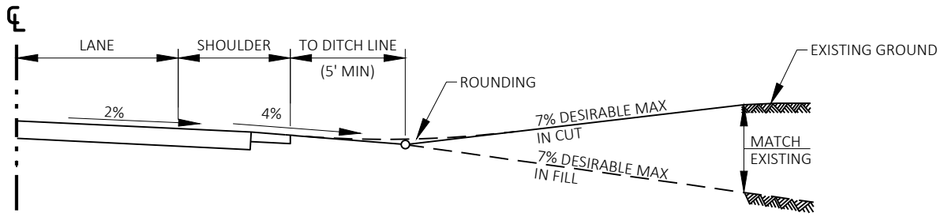


SECTION B-B

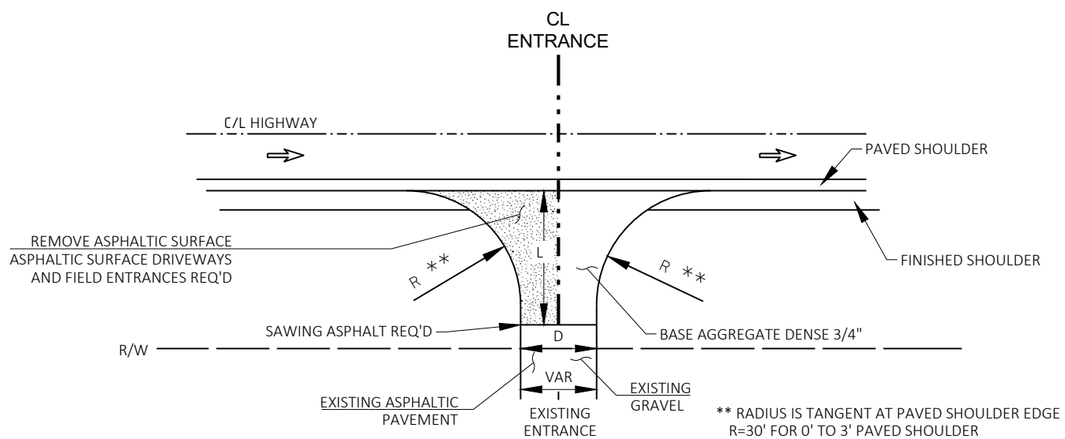
RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS



TYPICAL CROSS SECTION



TYPICAL PROFILE VIEW



L=VARIABLE, EXACT LENGTH TO BE DETERMINED IN THE FIELD BY THE ENGINEER

D=DRIVEWAY WIDTH
D=20'TYP(PE & FE) (16'MIN-24'MAX)
D=28'TYP(CE & FARM ENT) (24'MIN-35'MAX)

** RADIUS IS TANGENT AT PAVED SHOULDER EDGE
R=30' FOR 0' TO 3' PAVED SHOULDER
R=25' FOR GREATER THAN 3' PAVED SHOULDER

PLAN VIEW

RURAL DRIVEWAY INTERSECTION (PE, FE & CE)

(FOR NEW CONSTRUCTION)

MAINLINE - CURVE 2			
STATION	TRAVEL LANE SHOULDER	TRAVEL LANE	DESCRIPTION
	(e = 2%, T = 231.20', L = 462.35')		
9731+38.86 WB	-4.00%	-2.00%	NORMAL CROWN
9732+28.86 WB	-2.00%	-2.00%	
9734+08.86 WB	2.00%	2.00%	FULL SUPER
9738+11.22 WB	2.00%	2.00%	FULL SUPER
9739+91.22WB	-2.00%	-2.00%	
9740+81.22 WB	-4.00%	-2.00%	NORMAL CROWN

MAINLINE - CURVE 5			
STATION	PASSING LANE SHOULDER	PASSING LANE	DESCRIPTION
	(e = 2%, T = 256.46', L = 512.83')		
9843+63.24 WB	-4.00%	-2.00%	NORMAL CROWN
9844+53.24 WB	-2.00%	-2.00%	
9846+33.24 WB	2.00%	2.00%	FULL SUPER
9850+86.07 WB	2.00%	2.00%	FULL SUPER
9852+66.07 WB	-2.00%	-2.00%	
9853+56.07 WB	-4.00%	-2.00%	NORMAL CROWN

MAINLINE - CURVE 6			
STATION	TRAVEL LANE SHOULDER	TRAVEL LANE	DESCRIPTION
	(e = 2%, T = 256.46', L = 512.83')		
9861+46.74 WB	-4.00%	-2.00%	NORMAL CROWN
9862+36.74 WB	-2.00%	-2.00%	
9864+16.74 WB	2.00%	2.00%	FULL SUPER
9870+01.20 WB	2.00%	2.00%	FULL SUPER
9871+81.20 WB	-2.00%	-2.00%	
9872+71.20 WB	-4.00%	-2.00%	NORMAL CROWN

A RAMP - BEGIN CONSTRUCTION				
STATION	RAMP INFIELD SHOULDER	RAMP LANE	RAMP OUTSIDE SHOULDER	DESCRIPTION
	(e = N/A, T = N/A, L = N/A)			
9727+96.96 A	-4.0%	-4.5%	-4.5%	MATCH EXISTING
9728+10.2 A	-4.0%	-4.0%	-4.0%	
9728+62.2 A	-4.0%	-2.0%	-4.0%	NORMAL CROWN

B RAMP - END CONSTRUCTION				
STATION	RAMP INFIELD SHOULDER	RAMP LANE	RAMP OUTSIDE SHOULDER	DESCRIPTION
	(e = N/A, T = N/A, L = N/A)			
9743+45.34 B	-4.0%	-2.0%	-4.0%	NORMAL CROWN
9745+04.34 B	2.0%	-2.0%	-4.0%	
9734+08.86 B	3.7%	-3.7%	-4.0%	MATCH EXISTING

C RAMP - CURVE C-2				
STATION	RAMP OUTSIDE SHOULDER	RAMP LANE	RAMP INFIELD SHOULDER	DESCRIPTION
	(e = -5.6%, T = 48.89', L = 97.35)			
9744+30.59 C	-4.0%	-2.0%	-4.0%	NORMAL CROWN
9745+89.59 C	-4.0%	-2.0%	2.0%	
9746+42.59 C	-4.0%	-4.0%	4.0%	
9746+84.99 C	-5.6%	-5.6%	5.6%	FULL SUPER
9747+50.54 C	-5.6%	-5.6%	---	ALIGNMENT MATCHLINE
9747+50.54 WB	-5.6%	-5.6%	---	ALIGNMENT MATCHLINE
9748+83.42 WB	-5.6%	-5.6%	---	FULL SUPER
9749+25.82 WB	-4.0%	-4.0%	---	
9749+78.82 WB	-4.0%	-2.0%	---	NORMAL CROWN

D RAMP - CURVE D-1				
STATION	RAMP OUTSIDE SHOULDER	RAMP LANE	RAMP INFIELD SHOULDER	DESCRIPTION
	(e = -5.6%, T = 48.89', L = 97.35)			
9723+95.15 WB	-4.0%	-2.0%	---	NORMAL CROWN
9724+48.15 WB	-4.0%	-4.0%	---	
9724+97.35 WB	-5.9%	-5.9%	---	ALIGNMENT MATCHLINE
9724+97.35 D	-5.9%	-5.9%	---	ALIGNMENT MATCHLINE
9725+01.15 D	-6.0%	-6.0%	6.0%	FULL SUPER
9726+42.14 D	-6.0%	-6.0%	6.0%	FULL SUPER
9726+95.14 D	-4.0%	-4.0%	4.0%	
9727+48.14 D	-4.0%	-2.0%	2.0%	
9729+07.14 D	-4.0%	-2.0%	-4.0%	NORMAL CROWN

F RAMP - END CONSTRUCTION				
STATION	RAMP INFIELD SHOULDER	RAMP LANE	RAMP OUTSIDE SHOULDER	DESCRIPTION
	(e = -5.6%, T = 48.89', L = 97.35)			
10041+90.82 F	-4.0%	-2.0%	-4.0%	NORMAL CROWN
10042+13.22 F	-4.0%	-2.4%	-4.0%	FULL SUPER
10042+43.22 F	-6.0%	-1.9%	-4.0%	MATCH EXISTING

G RAMP - CURVE G-2				
STATION	RAMP OUTSIDE SHOULDER	RAMP LANE	RAMP INFIELD SHOULDER	DESCRIPTION
	(e = -5.6%, T = 48.89', L = 97.35)			
10040+75.75 G	-4.0%	-2.0%	-4.0%	NORMAL CROWN
10042+34.75 G	-4.0%	-2.0%	2.0%	
10042+87.75 G	-4.0%	-4.0%	4.0%	
10043+30.15 G	-5.6%	-5.6%	5.6%	FULL SUPER
10044+55.72 G	-5.6%	-5.6%	---	ALIGNMENT TRANSITION
10044+55.72 WB	-5.6%	-5.6%	---	ALIGNMENT TRANSITION
10045+85.98 WB	-5.6%	-5.6%	---	FULL SUPER
10046+28.38 WB	-4.0%	-2.0%	---	
10046+81.38 WB	-4.0%	-2.0%	---	NORMAL CROWN

H RAMP - CURVE H-1				
STATION	RAMP OUTSIDE SHOULDER	RAMP LANE	RAMP INFIELD SHOULDER	DESCRIPTION
	(e = -5.6%, T = 110.70', L = 221.15')			
10022+27.20 WB	-4.0%	-2.0%	---	NORMAL CROWN
10022+90.81 WB	-4.4%	-4.4%	---	ALIGNMENT MATCHLINE
10022+90.80 H	-4.4%	-4.4%	4.4%	ALIGNMENT MATCHLINE
10023+22.60 H	-5.6%	-5.6%	5.6%	FULL SUPER
10024+80.15 H	-5.6%	-5.6%	5.6%	FULL SUPER
10025+22.55 H	-4.0%	-4.0%	4.0%	
10025+75.55 H	-4.0%	-2.0%	2.0%	NORMAL CROWN
10027+34.55 H	-4.0%	-2.0%	-4.0%	NORMAL CROWN

2

N

STH 29 WB

9734+00 WB

9735+00 WB

9736+00 WB

1026+00

1025+00

STEEL THRIE BEAM BULLNOSE TERMINAL

STEEL THRIE BEAM

STEEL THRIE BEAM BULLNOSE TERMINAL

POST #5 CENTER OF POST
STA. 9734+66.91 WB
23.81' RT

POST #5
STA. 9734+66.91 WB
21.96' RT

POST #12
STA. 9735+04.48 WB
22.04' RT

POST #12
STA. 9735+79.61 WB
21.85' RT

POST #5
STA. 9736+17.17 WB
21.59' RT

POST #5 CENTER OF POST
STA. 9736+17.19 WB
23.44' RT

POST #1
STA. 9734+54.63 WB
24.17' RT

POST #1
STA. 9736+29.46 WB
23.73' RT

POST #1
STA. 9734+54.59 WB
34.41' RT

POST #5 CENTER OF POST
STA. 9734+66.87 WB
34.86' RT

POST #5
STA. 9734+66.86 WB
36.71' RT

POST #12
STA. 9735+04.47 WB
36.79' RT

POST #5 CENTER OF POST
STA. 9736+17.28 WB
34.49' RT

POST #1
STA. 9736+29.56 WB
33.99' RT

POST #12
STA. 9735+79.69 WB
36.60' RT

POST #5
STA. 9736+17.30 WB
36.34' RT

REMOVING GUARDRAIL REQ'D.

STH 29 EB

B-37-287

STH 97

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 27	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021050-CD.DWG
LAYOUT NAME - 021050-cd

PLOT DATE : 6/26/2025 10:14 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 29 WB

10033+00 WB

10034+00 WB

10035+00 WB

2010+00

STEEL THRIE BEAM BULLNOSE TERMINAL

STEEL THRIE BEAM

STEEL THRIE BEAM BULLNOSE TERMINAL

POST #5 CENTER OF POST
STA. 10033+30.67 WB
24.44' RT

POST #5
STA. 10033+30.67 WB
22.59' RT

POST #12
STA. 10033+68.17 WB
22.48' RT

POST #1
STA. 10033+18.43 WB
24.88' RT

POST #5
STA. 10034+80.67 WB
22.14' RT

POST #12
STA. 10034+43.17 WB
22.25' RT

POST #5 CENTER OF POST
STA. 10034+80.67 WB
23.99' RT

POST #1
STA. 10034+92.92 WB
24.35' RT

POST #1
STA. 10033+18.46 WB
35.13' RT

POST #5
STA. 10033+30.71 WB
37.34' RT

POST #5 CENTER OF POST
STA. 10033+30.71 WB
35.49' RT

POST #12
STA. 10033+68.21 WB
37.23' RT

POST #5 CENTER OF POST
STA. 10034+80.71 WB
35.06' RT

POST #12
STA. 10034+43.21 WB
37.02' RT

POST #5
STA. 10034+80.71 WB
36.91' RT

POST #1
STA. 10034+92.96 WB
34.62' RT

STH 29 EB

B-37-288

REMOVING GUARDRAIL REQ'D.

2009+00

CTH H

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 28	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021050-CD.DWG
LAYOUT NAME - 021051-cd

PLOT DATE : 6/26/2025 10:14 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

STA. 1022+95.50 LT - STA. 1023+48.59 LT, MGS GUARDRAIL TERMINAL EAT
STA. 1023+48.59 LT - STA. 1023+87.98 LT, MGS THRIE BEAM TRANSITION

N

STH 29 EB EXIT RAMP (RAMP A)

9735+00 A

STA 1022+90.76
-32.45' LT

STA 1022+95.50
-32.77' LT

EAT POST #1
STA. 1022+95.50
27.00 LT

REMOVING GUARDRAIL REQ'D.

STA 1023+20.48
-30.35' LT

EAT POST #5
STA. 1023+20.48
26.06 LT

STA 1023+45.47
-29.06' LT

EAT POST #9
STA. 1023+45.47
25.12 LT

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

SHOULDER HINGE POINT (TYP.)

STA 1023+48.59
-28.76' LT

STA 1023+85.48
-28.76' LT

STA 1022+92.29
-26.68' LT

STA. 1023+48.59
25.00 LT

STA. 1023+87.98
25.00 LT

CONCRETE PAVEMENT
APPROACH SLAB REQ'D
STA. 1023+84.70 - STA. 1024+01.60

STH 29 EB

1022+00

1023+00

1024+00

1025

MATCH LINE 1025+00

STH 97

B-37-287
(TO REMAIN)

STA. 1023+45.91
25.00 RT

STA. 1023+85.31
25.00 RT

STA 1023+45.98
28.76' RT

STA 1023+82.81
28.79' RT

EAT POST #1
STA. 1022+92.83
27.00 RT

EAT POST #5
STA. 1023+17.81
26.06 RT

EAT POST #9
STA. 1023+42.79
25.12 RT

SHOULDER HINGE POINT (TYP.)

EDGE OF CONCRETE PAVEMENT (SHOULDERS) (TYP.)*

STA 1022+92.83
32.77' RT

STA 1023+17.81
30.40' RT

STA 1023+42.79
29.06' RT

STA 1022+90.54
32.62' RT

REMOVING GUARDRAIL REQ'D.

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

9736+00 B

STH 29 EB ENTRANCE RAMP (RAMP B)

STA. 1022+92.83 RT - STA. 1023+45.91 RT, MGS GUARDRAIL TERMINAL EAT
STA. 1023+45.91 RT - STA. 1023+85.31 RT, MGS THRIE BEAM TRANSITION

*PAVE TO FACE OF RAIL

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 29	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021050-CD.DWG
LAYOUT NAME - 021052-cd
PLOT DATE : 6/27/2025 9:52 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

STA. 1026+26.19 LT - STA. 1026+65.58 LT, MGS THRIE BEAM TRANSITION
STA. 1026+65.58 LT - STA. 1027+18.67 LT, MGS GUARDRAIL TERMINAL EAT

N

STH 29 WB ENTRANCE RAMP (RAMP D)

REMOVING GUARDRAIL REQ'D.

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

STA 1027+21.96 -32.55' LT

CONCRETE SURFACE DRAIN (TYP.) SEE PLAN AND PROFILE FOR LAYOUT INFORMATION.

STA 1026+93.69 -30.35' LT

STA 1027+18.67 -32.77' LT

EAT POST #5 STA. 1026+93.69 26.06 LT

EAT POST #1 STA. 1027+18.67 27.00 LT

9735+00 D

EAT POST #9 STA. 1026+68.70 25.12 LT

STA. 1026+26.19 25.00 LT

CONCRETE PAVEMENT APPROACH SLAB REQ'D STA. 1026+12.88 - STA. 1026+30.12

9735+00 WB

STH 29 WB

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT

STA. 1026+65.58 25.00 LT

MATCH LINE 1025+00

1025+00

1026+00

1027+00

1028+0

B-37-287 (TO REMAIN)

STH 97

STA. 1026+62.92 25.00 RT

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT

STA 1027+19.98 26.60' RT

STA. 1026+23.52 25.00 RT

EAT POST #9 STA. 1026+66.04 25.12 RT

EAT POST #5 STA. 1026+91.02 26.06 RT

EAT POST #1 STA. 1027+16 27.00 RT

STA 1026+91.02 30.40' RT

STA 1027+16.03 32.77' RT

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

STA 1027+21.72 32.39' RT

REMOVING GUARDRAIL REQ'D.

SHOULDER HINGE POINT (TYP.)

9736+00 WB

9736+00 C

STH 29 WB EXIT RAMP (RAMP C)

STA. 1026+23.52 RT - STA. 1026+62.92 RT, MGS THRIE BEAM TRANSITION
STA. 1026+62.92 RT - STA. 1027+16.00 RT, MGS GUARDRAIL TERMINAL EAT

*PAVE TO FACE OF RAIL

2

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 30	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021050-CD.DWG
LAYOUT NAME - 021053-cd
PLOT DATE : 6/27/2025 9:52 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

STA. 2007+67.41 LT - STA. 2008+20.50 LT, MGS GUARDRAIL TERMINAL EAT
STA. 2008+20.50 LT - STA. 2008+59.89 LT, MGS THRIE BEAM TRANSITION

N

STH 29 EB EXIT RAMP (RAMP E)

STA 2007+59.53
-30.25' LT

STA 2007+67.41
-30.77' LT

EAT POST #1
STA. 2007+67.41
25.00 LT

STA 2007+92.39
-28.35' LT

EAT POST #5
STA. 2007+92.39
24.06 LT

REMOVING GUARDRAIL REQ'D.

STA 2008+17.37
-27.06' LT

EAT POST #9
STA. 2008+17.37
23.12 LT

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

SHOULDER HINGE POINT (TYP.)

STA 2008+20.50
-26.60' LT

STA 2008+57.39
-26.60' LT

STH 29 EB

1003+00 E

STA 2007+59.56
-24.21' LT

STA. 2008+20.50
23.00 LT

STA. 2008+59.89
23.00 LT

CONCRETE PAVEMENT
APPROACH SLAB REQ'D
STA. 2008+55.48 - STA. 2008+70.69

2007+00

2008+00

2009+00

MATCH LINE 2009+75

CTH H

1003+00 F

STA. 2008+20.34
23.00 RT

STA. 2008+59.73
23.00 RT

B-37-288
(TO REMAIN)

STA 2008+20.34
26.60' RT

STA 2008+57.23
26.60' RT

EAT POST #1
STA. 2007+67.25
25.00 RT

EAT POST #5
STA. 2007+92.23
24.06 RT

EAT POST #9
STA. 2008+17.21
23.12 RT

EDGE OF CONCRETE PAVEMENT (SHOULDERS) (TYP.)*

STA 2007+67.25
30.77' RT

STA 2007+92.23
28.35' RT

STA 2008+17.21
27.06' RT

STA 2007+66.30
30.71' RT

REMOVING GUARDRAIL REQ'D.

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

STH 29 EB ENTRANCE RAMP (RAMP F)

STA. 2007+67.25 RT - STA. 2008+20.34 RT, MGS GUARDRAIL TERMINAL EAT
STA. 2008+20.34 RT - STA. 2008+59.73 RT, MGS THRIE BEAM TRANSITION

*PAVE TO FACE OF RAIL

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 31	E

2

STA. 2010+95.67 LT - STA. 2011+35.07 LT, MGS THRIE BEAM TRANSITION
STA. 2011+35.07 LT - STA. 2011+88.15 LT, MGS GUARDRAIL TERMINAL EAT

STH 29 WB

STH 29 WB ENTRANCE RAMP (RAMP H)

N

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

REMOVING GUARDRAIL REQ'D.

STA 2011+89.05 -30.71' LT

STA 2011+63.17 -28.35' LT

STA 2011+88.15 -30.77' LT

CONCRETE SURFACE DRAIN (TYP.) SEE PLAN AND PROFILE FOR LAYOUT INFORMATION.

EAT POST #5 STA. 2011+63.17 24.06 LT

EAT POST #1 STA. 2011+88.15 25.00 LT

CONCRETE PAVEMENT APPROACH SLAB REQ'D STA. 2010+84.59 - STA. 2010+99.93

STA. 2010+95.67 23.00 LT

EAT POST #9 STA. 2011+38.19 23.12 LT

STA 2011+57.14 -28.03' LT

EDGE OF CONCRETE PAVEMENT (SHOULDERS) (TYP.)*

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT

STA. 2011+35.07 23.00 LT

10034+00 H

MATCH LINE 2009+75

2010+00

10034+00 WB

2011+00

2012+00

B-37-288
(TO REMAIN)

CTH H

STA. 2011+34.79 23.00 RT

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT

STA 2011+99.19 23.87' RT

10034+00 G

STA. 2010+95.39 23.00 RT

REMOVING GUARDRAIL REQ'D.

STA 2011+56.86 28.03' RT

EAT POST #9 STA. 2011+37.91 23.12 RT

EAT POST #5 STA. 2011+62.89 24.06 RT

EAT POST #1 STA. 2011+87.87 25.00 RT

STA 2011+62.89 28.35' RT

STA 2011+87.87 30.77' RT

STA 2011+96.78 30.18' RT

SHOULDER HINGE POINT (TYP.)

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

STA. 2010+95.39 RT - STA. 2011+34.79 RT, MGS THRIE BEAM TRANSITION
STA. 2011+34.79 RT - STA. 2011+87.87 RT, MGS GUARDRAIL TERMINAL EAT

STH 29 WB EXIT RAMP (RAMP G)

10035+00 WB

*PAVE TO FACE OF RAIL

2

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 32	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021050-CD.DWG
LAYOUT NAME - 021055-cd
PLOT DATE : 6/27/2025 9:53 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

STA. 10065+17.39 WB LT - STA. 10065+56.78 WB LT, MGS THRIE BEAM TRANSITION
STA. 10065+56.78 WB LT - STA. 10067+19.28 WB LT, MGS GUARDRAIL 3
STA. 10067+19.28 WB LT - STA. 10067+72.37 WB LT, MGS GUARDRAIL TERMINAL EAT

N

2

FRONTIER COMMUNICATIONS OF WISCONSIN, LLC (COMMUNICATION)

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

EXISTING GUARDRAIL (TO REMAIN)

SHOULDER HINGE POINT (TYP.)

REMOVING GUARDRAIL REQ'D.

STA 10065+56.78 WB
-34.00' LT

ASPHALTIC FLUMES REQ'D.

STA 10065+17.39 WB
-34.00' LT

EDGE OF HMA PAVEMENT
(SHOULDERS) (TYP.)*

STA 10067+22.41 WB
-38.06' LT

STA 10067+47.39 WB
-39.33' LT

STA 10067+19.28 WB
-37.94' LT

STA 10067+19.28 WB
-34.00' LT

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

STA 10067+72.37 WB
-41.77' LT

EAT POST #1
STA. 10067+72.37 WB
36.00 LT

STA 10068+12.37 WB
-32.00' LT

STA 10068+88.93 WB
-34.00' LT

STH 29 WB

B-37-293
(TO REMAIN)

EAT POST #9
STA. 10067+22.41 WB
34.12 LT

EAT POST #5
STA. 10067+47.39 WB
35.06 LT

EAT POST #9
STA. 10067+91.11 WB
6.12 RT

EAT POST #5
STA. 10068+16.09 WB
7.06 RT

10064+00 WB | 10065+00 WB | 10066+00 WB | 10067+00 WB | 10068+00 WB | 10069+00 WB | 10070+00 WB

STA 10065+36.09 WB
6.00' RT

ASPHALTIC FLUMES REQ'D.

STA 10065+75.48 WB
6.00' RT

STA 10067+87.98 WB
6.00' RT

STA 10067+87.98 WB
9.94' RT

STA 10068+91.07 WB
3.00' RT

STA 10069+57.63 WB
6.00' RT

EAT POST #1
STA. 10068+41.07 WB
8.00 RT

STA 10068+41.07 WB
13.77' RT

REMOVING GUARDRAIL REQ'D.

STA 10068+16.09 WB
11.33' RT

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT REQ'D.

STA 10067+91.11 WB
10.06' RT

STH 29 EB

PET BROOK

FO

FRONTIER COMMUNICATIONS OF WISCONSIN, LLC (COMMUNICATION)

STA. 10065+36.09 WB RT - STA. 10065+75.48 WB RT, MGS THRIE BEAM TRANSITION
STA. 10065+75.48 WB RT - STA. 10067+87.98 WB RT, MGS GUARDRAIL 3
STA. 10067+87.98 WB RT - STA. 10068+41.07 WB RT, MGS GUARDRAIL TERMINAL EAT

*PAVE TO FACE OF RAIL

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 33	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021050-CD.DWG
LAYOUT NAME - 021056-cd

PLOT DATE : 6/26/2025 10:15 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

STH 29 EB EXIT RAMP (RAMP A)

STH 29 EB

STH 97

STH 29 EB ENTRANCE RAMP (RAMP B)

B-37-287

MATCHLINE 1025+00

PD1026
PD1027
PD1028
PD1009
PD1008
PD1004
PD1005
PD1007
PD1022
PD1003
PD1032
PD1034
PD1033
PD1021
PD1006
PD1000
PD1035
PD1002
PD1001
PD1031
PD1023
PD1024
PD1025
PD1011
PD1010
PD1012
PD1017
PD1018
PD1037
PD1030
PD1039
PD1029
PD1036
PD1013
PD1020
PD1015
PD1019
PD1016
PD1014
PD1038

HMA-SH
BAD
ASPHALTIC FLUMES REQ'D.
CONC-10
CONC-8
RSK-16
36(A)
MGS GUARDRAIL REQ'D.*
CONCRETE PAVEMENT APPROACH SLAB REQ'D.

1020
1021
1022
1023
1024

7'
15'
5'
3'
2%
25'
10'

*SEE GUARDRAIL DETAIL SHEETS FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
∧∧∧∧	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 34	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021210-pd
PLOT DATE : 6/27/2025 11:45 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1000	1022+08.53	24.00 RT	1440.75	196619.71	164956.95	EOP; END RADIUS
PD1001	1022+58.40	70.35 RT	1439.56	196669.38	165003.51	EOP; END RADIUS
PD1002	1022+08.53	74.00 RT	---	196619.50	165006.95	R=50'
PD1003	1022+15.75	20.00 LT	1440.84	196627.12	164912.98	EOP; END RADIUS
PD1004	1022+64.19	57.62 LT	1440.27	196675.72	164875.57	EOP; END RADIUS
PD1005	1022+15.75	70.00 LT	---	196627.33	164862.98	R = 50'
PD1006	1021+98.75	23.12 RT	1440.76	196609.93	164956.03	EOP; START TAPER
PD1007	1021+61.47	17.00 LT	1440.73	196572.82	164915.75	EOP; START TAPER
PD1008	1022+66.05	64.89 LT	1440.21	196677.61	164868.31	EOP; END TAPER
PD1009	1022+67.64	67.06 LT	1440.21	196679.20	164866.14	EOP; START TAPER
PD1010	1022+88.32	59.14 LT	1440.49	196699.85	164874.15	EOP; END RADIUS
PD1011	1022+85.42	59.89 LT	1440.61	196696.95	164873.39	EOP; END RADIUS
PD1012	1023+31.92	48.00 LT	---	196743.40	164885.48	R=45'
PD1013	1022+92.83	27.00 RT	1440.75	196703.99	164960.31	EOP; BEGIN TAPER
PD1014	1022+84.33	68.45 RT	1439.85	196695.32	165001.73	EOP; END RADIUS
PD1015	1022+97.43	42.00 RT	---	196708.53	164975.33	R=15'
PD1016	1022+84.63	58.81 RT	1440.00	196695.65	164992.08	EGS; START TAPER
PD1017	1022+90.76	32.45 LT	1440.67	196702.18	164900.85	EGS; START TAPER
PD1018	1022+92.29	26.68 LT	1440.76	196703.68	164906.63	EPS; START TAPER
PD1019	1022+82.47	43.09 RT	1440.33	196693.57	164976.36	EPS; END RADIUS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1020	1022+90.54	32.62 RT	1440.57	196701.68	164965.92	EGS; END TAPER
PD1021	1021+52.44	22.00 RT	1440.53	196563.63	164954.71	EGS; START TAPER
PD1022	1021+79.30	21.99 LT	1440.64	196590.68	164910.84	EGS; START TAPER
PD1023	1022+65.37	124.53 RT	1438.29	196676.12	165057.72	EOP
PD1024	1022+70.45	151.49 RT	1437.54	196681.08	165084.71	EOP; START TAPER
PD1025	1022+71.68	169.65 RT	1436.93	196682.24	165102.86	EOP
PD1026	1022+81.41	104.83 LT	1439.95	196693.14	164828.44	EOP, START TAPER
PD1027	1022+71.67	86.89 LT	1439.96	196683.32	164846.33	EPS
PD1028	1022+68.80	87.77 LT	1439.84	196680.46	164845.43	EGS
PD1029	1023+84.70	15.00 RT	1440.77	196795.92	164948.70	EOP
PD1030	1023+84.70	15.00 LT	1440.78	196796.04	164918.70	EOP
PD1031	1022+57.03	79.34 RT	1439.29	196667.97	165012.50	EOP; END TAPER
PD1032	1021+43.33	15.00 LT	1440.69	196554.66	164917.68	EOP
PD1033	1021+08.40	15.00 RT	1440.50	196519.66	164947.60	EOP
PD1034	1022+46.42	30.51 LT	1440.62	196657.83	164902.60	EOP; GRADE BREAK
PD1035	1022+42.57	37.38 RT	1440.35	196653.69	164970.47	EOP; GRADE BREAK
PD1036	1022+88.86	29.69 RT	1440.70	196700.01	164962.99	EOP; BEGIN RADIUS
PD1037	1023+84.70	25.00 LT	1440.68	196796.09	164908.70	EOP
PD1038	1023+84.70	25.00 RT	1440.67	196795.87	164958.70	EOP
PD1039	1023+72.70	0.00 RT	1441.09	196783.98	164933.65	CL ELEVATION

NOTE: STATIONING SHOWN IN TABLES IS OFF OF STH 97 ALIGNMENT

2

2

N

STH 29 WB

STH 29 WB ENTRANCE RAMP (RAMP D)

HMA-SH (TYP.)

BAD (TYP.)

MGS GUARDRAIL REQ'D.*

PROPOSED CONCRETE SURFACE DRAIN INLET (TYP.)
SEE MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

CONCRETE PAVEMENT APPROACH SLAB REQ'D.

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT

ASPHALTIC FLUMES REQ'D.

PD1100 PD1101 PD1102 PD1103 PD1104 PD1105 PD1106 PD1107 PD1108 PD1109 PD1110 PD1111 PD1112 PD1113 PD1114 PD1115 PD1116 PD1117 PD1118 PD1119 PD1120 PD1121 PD1122 PD1123 PD1124 PD1125 PD1126 PD1127 PD1128 PD1129 PD1130 PD1131 PD1132 PD1133 PD1134 PD1135 PD1136 PD1137 PD1138 PD1139 PD1140 PD1141 PD1142 PD1143 PD1144 PD1145 PD1146

9735WB

9735D

CONC-8

CONC-10

36(A)

BAD

15'

10'

23'

3'

1'

5'

7'

17'

15'

MATCHLINE 1025+00

1025

1026

1028

1029

1030

B-37-287

STH 97

STH 29 WB EXIT RAMP (RAMP C)

PROPOSED CONCRETE SURFACE DRAIN ENDWALL (TYP.)
SEE MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

*SEE GUARDRAIL DETAIL SHEETS FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
AAAA	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 36	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021211-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1100	1026+26.02	22.94 RT	1438.29	197037.20	164957.67	EOP; MATCH EXISTING
PD1101	1026+30.12	15.00 LT	1438.44	197041.46	164919.75	EOP; MATCH EXISTING
PD1102	1026+28.69	22.94 LT	1438.29	197040.06	164911.80	EOP
PD1103	1027+25.80	43.73 RT	1436.45	197136.89	164978.88	EOP; BEGIN TAPER
PD1104	1026+30.12	15.00 RT	1438.44	197041.33	164949.75	EOP
PD1105	1026+65.62	22.94 LT	1437.76	197076.99	164911.96	EOP
PD1106	1026+62.95	22.94 RT	1437.80	197074.13	164957.82	EOP
PD1107	1026+87.89	23.78 LT	1437.38	197099.27	164911.22	EOP
PD1108	1026+85.23	23.78 RT	1437.42	197096.40	164958.76	EOP
PD1109	1027+18.67	27.00 LT	1436.79	197130.06	164908.12	EOP; END RADIUS
PD1110	1027+16.00	27.00 RT	1436.84	197127.16	164962.11	EOP; END RADIUS
PD1111	1026+79.22	50.00 RT	---	197090.28	164984.95	R=47'
PD1112	1027+24.72	61.78 RT	1436.27	197135.73	164996.93	EOP; END RADIUS
PD1113	1027+14.42	42.00 LT	---	197125.87	164893.11	R=15'
PD1114	1027+29.28	44.02 LT	1436.15	197140.74	164891.15	EOP; END RADIUS
PD1115	1027+52.36	67.27 LT	1435.54	197163.92	164868.00	EOP; END RADIUS
PD1116	1028+01.90	24.00 LT	1435.26	197213.28	164911.48	EOP; END RADIUS
PD1117	1028+01.90	74.00 LT	---	197213.49	164861.48	R=50'
PD1118	1027+49.60	57.47 RT	1436.06	197160.63	164992.72	EOP; END RADIUS
PD1119	1027+98.00	20.00 RT	1435.42	197209.19	164955.46	EOP; END RADIUS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1120	1027+98.00	70.00 RT	---	197208.98	165005.46	R=50'
PD1121	1028+09.59	24.00 LT	1435.10	197220.96	164911.51	EOP; END TAPER
PD1122	1028+11.90	23.09 LT	1435.07	197223.28	164912.43	EOP; END TAPER
PD1123	1028+06.00	22.37 RT	1435.20	197217.18	164957.86	EOP; END TAPER
PD1124	1028+73.30	17.00 RT	1433.81	197284.49	164952.79	EOP; START TAPER
PD1125	1028+79.36	17.00 LT	1433.67	197290.72	164918.82	EOP; START TAPER
PD1126	1027+21.96	32.55 LT	1436.78	197133.37	164902.59	EGS; START TAPER
PD1127	1027+21.72	32.39 RT	1436.76	197132.85	164967.53	EGS; START TAPER
PD1128	1027+19.98	26.60 RT	1436.77	197131.14	164961.73	EPS; START TAPER
PD1129	1027+26.60	63.77 LT	1435.87	197138.14	164871.39	EPS; END RADIUS
PD1130	1027+26.13	59.80 LT	1435.88	197137.65	164875.36	EGS; START TAPER
PD1131	1028+57.27	22.00 LT	14304.02	197268.64	164913.71	EGS
PD1132	1028+48.42	22.00 RT	1434.23	197259.60	164957.68	EGS
PD1133	1027+44.83	87.84 RT	1435.60	197155.73	165023.07	EGS
PD1134	1027+41.96	86.94 RT	1435.72	197152.87	165022.16	EPS; END TAPER
PD1135	1027+45.99	67.29 RT	1436.01	197156.97	165002.53	EOP; START TAPER
PD1136	1027+32.27	104.63 RT	1436.18	197143.10	165039.81	EOP; START TAPER
PD1137	1027+41.91	120.38 LT	1434.81	197153.70	164814.84	EOP
PD1138	1027+35.39	147.53 LT	1434.42	197147.30	164787.66	EOP; START TAPER
PD1139	1027+32.95	165.55 LT	1434.07	197144.93	164769.64	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1140	1027+44.99	121.48 LT	1434.69	197156.78	164813.76	EGS
PD1141	1029+01.87	15.00 LT	1433.16	197313.24	164920.96	EOP
PD1142	1028+98.03	15.00 RT	1433.25	197309.21	164950.93	EOP
PD1143	1027+69.01	36.34 LT	1435.80	197180.44	164899.00	EOP; GRADE BREAK
PD1144	1027+67.39	30.46 RT	1435.89	197178.54	164965.79	EOP; GRADE BREAK
PD1145	1027+19.41	27.03 LT	1436.78	197130.80	164908.10	EOP
PD1146	1027+23.35	29.95 LT	1436.66	197134.75	164905.19	EOP; END RADIUS

NOTE: STATIONING SHOWN IN TABLES IS OFF OF STH 97 ALIGNMENT

2

N

STH 29 EB EXIT RAMP (RAMP E)

HMA-SH (TYP.)

100336

PD1232

PD1220
PD1229
PD1205

ASPHALTIC FLUMES REQ'D.

PD1206

3'

BAD (TYP.)

1'

CONC-10

PD1212

PD1241

CONC-8

STOP
R1-1
30"X30"

EAST
00

PD1214

REMOVE

STOP
MOVE

36(A)

PD1234

MGS GUARDRAIL REQ'D.*

PD1200

8

PD1227

BAD

PD1225

PD1224

PD1219

MOVE

PD1204

PD1237

COUNTY
H

HMA PAVEMENT.
SEE TYPICAL SECTION FOR
ADDITIONAL INFORMATION.

PD1236
PD1203

100340

CONC-8

PD1213

PD1226

11'

12'

12'

11'

CONCRETE PAVEMENT
APPROACH SLAB REQ'D.

SEE STRUCTURE PLANS
FOR STRUCTURE WORK.

B-37-288

2004+00

2005+00

2006+00

2007+00

2008+00

2009+00

MOVE

REMOVE

CTH H

PD1240

PD1218

PD1202
PD1238

100341

PD1216
PD1223

CONC-8

36(A)

PD1239

BAD

3

PD1228

PD1201

PD1235

15'

PD1217

PD1242

MGS GUARDRAIL REQ'D.*

BEGIN CONSTRUCTION
STA 2005+77.11
MATCH EXISTING
SAW CUT REQ'D

PD1207
PD1208

PD1209

CONC-8

PD1221

PD1215

PD1222

CONC-10

BAD (TYP.)

PD1233

PD1210

ASPHALTIC FLUMES REQ'D.

100335

PD1211

HMA-SH (TYP.)

STH 29 EB ENTRANCE RAMP (RAMP F)

PD1231

PD1230

100336

*SEE GUARDRAIL DETAIL SHEETS
FOR ADDITIONAL INFORMATION

MATCHLINE 2009+25

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 38	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021212-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1200	2005+77.11	24.00 LT	1284.76	196122.47	194753.30	EOP
PD1201	2005+77.11	12.00 RT	1284.68	196122.35	194789.30	EOP
PD1202	2005+92.11	12.00 RT	1284.86	196137.35	194789.35	PAVEMENT TRANSITION
PD1203	2005+92.11	24.00 LT	1284.74	196137.47	194753.35	PAVEMENT TRANSITION
PD1204	2006+82.96	32.00 LT	1285.15	196228.35	194745.67	EOP; END RADIUS
PD1205	2007+31.73	70.98 LT	1284.39	196277.25	194706.85	EOP; END RADIUS
PD1206	2006+82.96	82.00 LT	---	196228.52	194695.67	R=50'
PD1207	2006+72.11	22.80 RT	1285.27	196217.31	194800.43	EOP; END TAPER
PD1208	2006+82.11	24.00 RT	1285.32	196227.30	194801.66	EOP; END RADIUS
PD1209	2007+31.37	65.44 RT	1284.22	196276.42	194843.27	EOP; END RADIUS
PD1210	2006+82.11	74.00 RT	---	196227.13	194851.66	R=50'
PD1211	2007+30.83	74.64 RT	1283.92	196275.85	194852.47	EOP; END TAPER
PD1212	2007+51.24	66.57 LT	1284.79	196296.74	194711.33	EOP; END RADIUS
PD1213	2007+67.41	25.00 LT	1285.61	196312.77	194752.96	EOP; END RADIUS
PD1214	2007+98.75	50.00 LT	---	196344.20	194728.06	R=47'
PD1215	2007+62.94	60.20 RT	1284.51	196308.02	194838.14	EOP; END RADIUS
PD1216	2007+67.25	25.00 RT	1285.63	196312.44	194802.96	EOP; END RADIUS
PD1217	2007+70.60	34.42 RT	---	196315.76	194812.39	R=10'
PD1218	2008+55.48	12.00 RT	1285.82	196400.72	194790.26	EOP; END TAPER
PD1219	2008+55.48	12.00 LT	1285.82	196400.80	194766.26	EOP
PD1220	2007+34.91	80.51 LT	1284.23	196280.46	194697.33	EOP; END TAPER
PD1221	2007+62.82	48.03 RT	1284.72	196307.94	194825.97	EGS; START TAPER

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1222	2007+59.96	60.47 RT	1284.63	196305.03	194838.40	EOP
PD1223	2007+66.30	30.71 RT	1285.46	196311.47	194808.66	EGS; START TAPER
PD1224	2007+59.53	30.25 LT	1285.38	196304.92	194747.68	EGS; START TAPER
PD1225	2007+55.88	33.32 LT	1285.35	196301.28	194744.59	EGS; START TAPER
PD1226	2007+59.46	24.21 LT	1285.85	196304.83	194753.72	EPS; START TAPER
PD1227	2006+45.34	32.00 LT	1284.85	196190.73	194745.54	EGS
PD1228	2006+23.59	20.00 RT	1284.98	196168.81	194797.46	EGS
PD1229	2007+33.38	78.30 LT	1284.26	196278.93	194699.54	EOP; END TAPER
PD1230	2007+68.87	211.17 RT	1278.00	196313.42	194989.13	EOP, START TAPER
PD1231	2007+55.38	162.77 RT	1280.60	196300.10	194940.68	EOP
PD1232	2007+47.62	118.65 LT	1283.60	196293.31	194659.24	EOP, START TAPER
PD1233	2007+62.29	85.66 RT	1284.00	196307.27	194863.60	EOP, END TAPER
PD1234	2007+14.94	43.57 LT	1284.96	196260.37	194734.20	EOP; GRADE BREAK
PD1235	2007+14.29	35.74 RT	1285.13	196259.45	194813.51	EOP; GRADE BREAK
PD1236	2005+92.11	27.00 LT	1284.69	196137.48	194750.35	EOP, PAVEMENT TRANSITION
PD1237	2006+20.46	27.00 LT	1284.82	196165.83	194750.45	EPS
PD1238	2005+92.11	15.00 RT	1284.79	196137.34	194792.35	EOP; PAVEMENT TRANSITION
PD1239	2006+07.11	15.00 RT	1284.96	196152.34	194792.40	EPS
PD1240	2007+55.11	32.56 LT	1285.39	196300.50	194745.35	EOP; GRADE BREAK
PD1241	2007+52.91	60.36 LT	1284.83	196298.39	194717.55	EOP; BEGIN RADIUS
PD1242	2007+60.65	35.34 RT	1285.16	196305.80	194813.27	EOP; END RADIUS

NOTE: STATIONING SHOWN IN TABLES IS OFF OF CTH H ALIGNMENT

2

2

N

STH 29 WB

STH 29 WB ENTRANCE RAMP (RAMP H)

10033H

HMA-SH (TYP.)

BAD (TYP.)

MGS GUARDRAIL REQ'D.*

PD1341
PD1340
PD1321
PD1314
PD1334
PD1333
PD1309
PD1310
PD1332
PD1302
PD1301
PD1306
PD1308
PD1304
PD1324
PD1322
PD1325
PD1326
PD1344
PD1323
PD1335
PD1327
PD1328
PD1331

ASPHALTIC FLUMES REQ'D.

CONC-10

CONC-8

ASPHALTIC FLUMES REQ'D.

36(A)

PROPOSED CONCRETE SURFACE DRAIN INLET (TYP.)
SEE MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

CONCRETE PAVEMENT APPROACH SLAB REQ'D.

SEE STRUCTURE PLANS FOR STRUCTURE WORK.

15'

11'

12'

21'

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT

HMA PAVEMENT.
SEE TYPICAL SECTION FOR ADDITIONAL INFORMATION.

MATCHLINE 2009+25

2010+00

2011+00

2012+00

2013+00

2014+00

2015+00

B-37-288

CTH H

CONC-8

COUNTY H

MOVE

REMOVE

STOP

MOVE

10034G

36(A)

PD1338
PD1311
PD1307
PD1305
PD1339
PD1337
PD1312
PD1313
PD1300
PD1303

MGS GUARDRAIL REQ'D.*

PD1329
PD1320
PD1336
PD1343
PD1330
PD1318

ASPHALTIC FLUMES REQ'D.

END CONSTRUCTION
STA 2013+83.85
MATCH EXISTING
SAW CUT REQ'D

PD1345

CONC-8

PD1317

PD1319

ASPHALTIC FLUMES REQ'D.

CONC-10

PD1316
PD1315

YIELD

REMOVE

POST

POST

10035G

PD1342

BAD (TYP.)

HMA-SH (TYP.)

STH 29 WB EXIT RAMP (RAMP G)

10035WB

PROPOSED CONCRETE SURFACE DRAIN ENDWALL (TYP.)
SEE MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

*SEE GUARDRAIL DETAIL SHEETS FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
AAAA	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 40	E

2

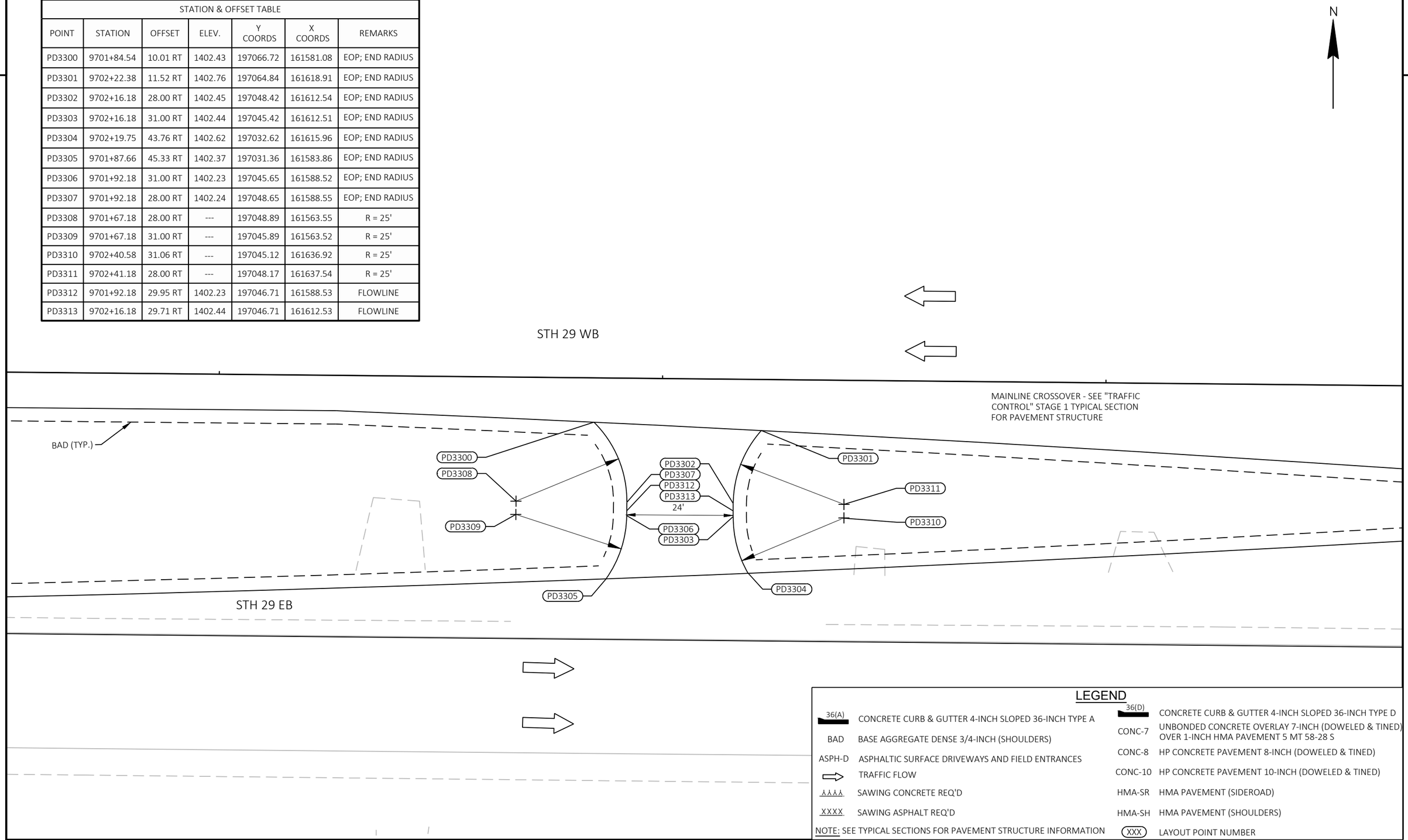
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1300	2010+99.93	11.99 RT	1283.71	196645.16	194791.09	EOP
PD1301	2010+99.93	12.00 LT	1283.71	196645.25	194767.10	EOP; START TAPER
PD1302	2010+98.17	20.94 LT	1283.55	196643.52	194758.16	EOP
PD1303	2010+97.89	20.94 RT	1283.56	196643.09	194800.03	EOP
PD1304	2011+35.11	20.94 LT	1282.98	196680.46	194758.28	EOP
PD1305	2011+34.82	20.94 RT	1282.99	196680.03	194800.16	EOP
PD1306	2011+57.38	21.78 LT	1282.59	196702.73	194757.52	EOP
PD1307	2011+57.10	21.78 RT	1282.59	196702.30	194801.07	EOP
PD1308	2011+88.15	25.00 LT	1281.96	196733.52	194754.40	EOP; END RADIUS
PD1309	2011+95.43	35.43 LT	1281.18	196740.83	194744.00	EOP; END RADIUS
PD1310	2011+85.47	34.51 LT	---	196730.87	194744.88	R=10'
PD1311	2011+87.87	25.00 RT	1281.96	196733.06	194804.40	EOP; END RADIUS
PD1312	2012+05.69	61.54 RT	1280.32	196750.75	194841.00	EOP; END RADIUS
PD1313	2011+60.13	50.00 RT	---	196705.23	194829.31	R=47'
PD1314	2011+93.83	85.66 LT	1279.92	196739.40	194693.77	EOP; END RADIUS
PD1315	2012+27.05	66.95 RT	1280.06	196772.10	194846.49	EOP; START TAPER
PD1316	2012+28.42	65.48 RT	1280.09	196773.47	194845.02	EOP; END TAPER
PD1317	2012+30.38	57.72 RT	1280.30	196775.46	194837.27	EOP; END RADIUS
PD1318	2012+78.85	20.00 RT	1280.15	196824.06	194799.72	EOP; END RADIUS
PD1319	2012+78.85	70.00 RT	---	196823.88	194849.71	R=50'

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1320	2012+86.85	19.36 RT	1279.98	196832.06	194799.10	EOP; END TAPER
PD1321	2012+23.25	74.48 LT	1279.76	196768.78	194705.04	EOP; END TAPER
PD1322	2012+22.69	65.47 LT	1280.03	196768.20	194714.06	EOP; END RADIUS
PD1323	2012+71.96	24.00 LT	1280.23	196817.32	194755.69	EOP; END RADIUS
PD1324	2012+71.96	74.00 LT	---	196817.49	194705.69	R=50'
PD1325	2012+79.10	24.00 LT	1280.07	196824.46	194755.72	EOP; END TAPER
PD1326	2012+81.96	22.80 LT	1280.02	196827.32	194756.93	EOP; START TAPER
PD1327	2013+68.85	15.00 LT	1278.05	196914.18	194765.03	EOP; PAVEMENT TRANSITION
PD1328	2013+68.85	12.00 LT	1278.09	196914.17	194768.03	PAVEMENT TRANSITION
PD1329	2013+68.85	12.00 RT	1277.94	196914.08	194792.02	PAVEMENT TRANSITION
PD1330	2013+83.85	12.00 RT	1277.49	196929.08	194792.08	EOP; MATCH EXISTING
PD1331	2013+83.85	12.00 LT	1277.78	196929.17	194768.08	EOP; MATCH EXISTING
PD1332	2011+89.05	30.71 LT	1281.79	196734.43	194748.70	EGS; END TAPER
PD1333	2011+92.74	53.80 LT	1280.63	196738.20	194725.62	EGS; START TAPER
PD1334	2011+96.10	60.86 LT	1280.47	196741.59	194718.57	EOP
PD1335	2013+47.15	15.00 LT	1278.56	196892.48	194764.95	EGS
PD1336	2013+41.35	15.00 RT	1278.70	196886.57	194794.93	EGS
PD1337	2012+04.15	36.66 RT	1281.17	196749.30	194816.12	EGS; START TAPER
PD1338	2011+99.19	23.87 RT	1281.78	196744.39	194803.31	EPS; START TAPER
PD1339	2011+96.78	30.18 RT	1281.40	196741.95	194809.61	EGS; START TAPER

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1340	2012+04.64	140.41 LT	1278.63	196750.40	194639.05	EPS
PD1341	2011+91.51	186.93 LT	1278.02	196737.43	194592.49	EOP, START TAPER
PD1342	2012+13.32	104.98 RT	1278.89	196758.24	194884.47	EOP, START TAPER
PD1343	2013+68.85	15.00 RT	1277.86	196914.07	194795.02	EOP; PAVEMENT TRANSITION
PD1344	2012+39.76	35.75 LT	1280.85	196785.16	194743.83	EOP; GRADE BREAK
PD1345	2012+48.14	30.54 RT	1280.76	196793.31	194810.15	EOP; GRADE BREAK

NOTE: STATIONING SHOWN IN TABLES IS OFF OF CTH H ALIGNMENT

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD3300	9701+84.54	10.01 RT	1402.43	197066.72	161581.08	EOP; END RADIUS
PD3301	9702+22.38	11.52 RT	1402.76	197064.84	161618.91	EOP; END RADIUS
PD3302	9702+16.18	28.00 RT	1402.45	197048.42	161612.54	EOP; END RADIUS
PD3303	9702+16.18	31.00 RT	1402.44	197045.42	161612.51	EOP; END RADIUS
PD3304	9702+19.75	43.76 RT	1402.62	197032.62	161615.96	EOP; END RADIUS
PD3305	9701+87.66	45.33 RT	1402.37	197031.36	161583.86	EOP; END RADIUS
PD3306	9701+92.18	31.00 RT	1402.23	197045.65	161588.52	EOP; END RADIUS
PD3307	9701+92.18	28.00 RT	1402.24	197048.65	161588.55	EOP; END RADIUS
PD3308	9701+67.18	28.00 RT	---	197048.89	161563.55	R = 25'
PD3309	9701+67.18	31.00 RT	---	197045.89	161563.52	R = 25'
PD3310	9702+40.58	31.06 RT	---	197045.12	161636.92	R = 25'
PD3311	9702+41.18	28.00 RT	---	197048.17	161637.54	R = 25'
PD3312	9701+92.18	29.95 RT	1402.23	197046.71	161588.53	FLOWLINE
PD3313	9702+16.18	29.71 RT	1402.44	197046.71	161612.53	FLOWLINE



LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

2

N

PD1405
PD1404
PD1406
MATCH
XXXXXXXXXX
PD1444
2%
PD1437
PIONEER ROAD
3'
3'
PD1417
PD1409
1.9%
ASPHALTIC FLUME REQ'D
ASPHALTIC FLUME REQ'D
PD1403
PD1407
PD1402
15'
PD1415
PD1441
15'
PD1440
PD1439
PD1401
PD1446
PD1442
BAD (TYP.)
PD1400
PD1431
2%
PD1408
PD1410
PD1434
PD1438
1.4%
1.4%
36(D)
36(D)
PD1411
PD1412
PD1413
STH 29 WB
PD1443
10'
HMA-SR
3'
6'
9770WB
PD1419
CONC-10
26'
PD1418
PD1420
PD1436
PD1422
PD1427
HMA-SR
12'
3'
PD1421
PD1435
PD1424
PD1428
PD1429
PD1430
PD1423
STH 29 EB
PD1426
PD1425
PD1432
PD1433
PIONEER ROAD

SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 43	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021214-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1400	9769+72.03	32.00 LT	1418.50	196703.17	168357.34	EOP
PD1401	9770+18.69	36.00 LT	1419.13	196703.34	168404.17	EOP; END RADIUS
PD1402	9770+18.69	76.00 LT	---	196743.20	168407.44	R = 40'
PD1403	9770+58.64	78.09 LT	1419.06	196742.02	168447.43	EOP; END RADIUS
PD1404	9770+55.86	162.24 LT	---	196826.11	168451.54	MATCH EXISTING
PD1405	9770+69.22	163.04 LT	---	196825.82	168464.92	MATCH EXISTING
PD1406	9770+82.04	163.78 LT	---	196825.51	168477.76	MATCH EXISTING
PD1407	9771+47.83	96.00 LT	---	196752.57	168537.78	R = 60'
PD1408	9771+47.83	36.00 LT	1420.93	196692.78	168532.87	EOP; END RADIUS
PD1409	9770+87.91	92.87 LT	1419.09	196754.35	168477.81	EOP; END RADIUS
PD1410	9771+57.83	36.00 LT	1421.06	196691.96	168542.84	EOP; BEGIN TAPER
PD1411	9772+47.67	36.01 LT	1422.15	196684.62	168632.38	EOP; END TAPER
PD1412	9772+97.75	32.00 LT	1422.79	196676.53	168681.96	EOP; BEGIN TAPER
PD1413	9770+75.86	35.98 LT	1419.96	196698.64	168461.15	CL ELEVATION
PD1415	9770+74.56	60.73 LT	1419.50	196723.41	168461.88	CL ELEVATION
PD1417	9770+72.11	107.62 LT	1419.15	196770.35	168463.27	CL ELEVATION
PD1418	9769+71.32	3.00 RT	1418.58	196668.34	168353.77	EOP; BEGIN TAPER
PD1419	9770+46.32	12.00 RT	1419.56	196653.24	168427.78	EOP; END RADIUS
PD1420	9770+52.00	15.87 RT	1419.56	196648.92	168433.12	EOP; END RADIUS
PD1421	9770+52.55	23.41 RT	1419.46	196641.36	168433.06	EOP; END RADIUS
PD1422	9770+49.01	19.88 RT	---	196645.17	168429.82	R= 5'
PD1423	9769+95.91	46.92 RT	---	196622.56	168374.68	EOP; END RADIUS; MATCH EXISTING
PD1424	9771+18.41	34.20 RT	---	196625.22	168497.82	R= 5'
PD1425	9771+28.94	46.91 RT	---	196611.69	168507.27	EOP; END RADIUS; MATCH EXISTING
PD1426	9771+15.38	38.17 RT	1420.51	196621.51	168494.47	EOP; END RADIUS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1427	9771+15.23	30.34 RT	1420.42	196629.32	168494.96	EOP; END RADIUS
PD1428	9771+66.20	12.00 RT	1421.12	196643.43	168547.26	EOP; END RADIUS
PD1429	9772+44.13	12.00 RT	1422.11	196637.06	168624.93	EOP; END TAPER
PD1430	9773+56.63	3.00 RT	1423.50	196636.83	168737.79	EOP; BEGIN TAPER
PD1431	9769+95.90	33.08 LT	---	196702.29	168381.22	R = 80'
PD1432	9770+04.17	80.00 RT	---	196588.91	168380.21	R = 80'
PD1433	9771+66.20	92.00 RT	---	196563.70	168540.72	R = 80'
PD1434	9771+76.68	42.10 LT	---	196696.49	168562.13	R = 101'
PD1435	9770+52.09	23.86 RT	1419.45	196640.94	168432.56	FLOWLINE
PD1436	9771+24.29	23.86 RT	1420.47	196635.04	168504.52	FLOWLINE
PD1437	9770+70.19	144.30 LT	1418.88	196807.06	168464.35	CL ELEVATION
PD1438	9770+34.48	39.25 LT	1419.29	196705.28	168420.17	FLAG ELEVATION
PD1439	9770+75.17	49.18 LT	1419.72	196711.86	168461.54	CL ELEVATION
PD1440	9770+56.22	62.15 LT	1419.14	196726.33	168443.71	FLAG ELEVATION
PD1441	9770+93.33	70.89 LT	1419.35	196732.01	168481.42	FLAG ELEVATION
PD1442	9771+06.52	52.48 LT	1419.91	196712.58	168493.05	FLAG ELEVATION
PD1443	9771+25.59	40.27 LT	1420.54	196698.85	168511.06	FLAG ELEVATION
PD1444	9770+69.47	158.19 LT	1418.91	196820.97	168464.78	CL ELEVATION
PD1446	9770+47.71	48.46 LT	1419.22	196713.39	168434.11	FLAG ELEVATION

2

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1500	9802+90.34	3.00 RT	1393.55	196483.92	171666.55	EOP; END RADIUS
PD1501	9803+15.34	28.00 RT	1393.04	196458.51	171691.13	EOP; END RADIUS
PD1502	9803+15.34	31.00 RT	1393.08	196455.51	171691.08	EOP; END RADIUS
PD1503	9802+90.34	56.00 RT	---	196430.93	171665.67	EOP; END RADIUS; MATCH EXISTING
PD1504	9803+64.34	56.00 RT	---	196429.71	171739.66	EOP; END RADIUS; MATCH EXISTING
PD1505	9803+39.34	31.00 RT	1392.79	196455.12	171715.08	EOP; END RADIUS
PD1506	9803+39.34	28.00 RT	1392.76	196458.12	171715.13	EOP; END RADIUS
PD1507	9803+64.34	3.00 RT	1392.74	196482.70	171740.54	EOP; END RADIUS
PD1508	9803+64.34	28.00 RT	---	196457.70	171740.12	R = 25'
PD1509	9803+64.34	31.00 RT	---	196454.71	171740.07	R = 25'
PD1510	9802+90.34	31.00 RT	---	196455.93	171666.08	R = 25'
PD1511	9802+90.34	28.00 RT	---	196458.93	171666.13	R = 25'
PD1512	9803+27.34	56.00 RT	---	196430.32	171702.67	MATCH EXISTING
PD1513	9803+13.61	18.85 RT	1393.03	196467.69	171689.55	FLOWLINE
PD1514	9803+41.08	18.85 RT	1392.69	196467.24	171717.01	FLOWLINE
PD1515	9803+02.22	6.00 RT	1393.26	196480.73	171678.37	EOP
PD1516	9803+52.47	6.00 RT	1392.61	196479.90	171728.61	EOP

N

GUY

BAD (TYP.)

HMA-SH

2'

6'

STH 29 WB

CONC-10

26'

9805WB

3'

3'

PD1500

PD1507

PD1514

PD1513

HMA-SH

PD1501

PD1506

PD1515

PD1511

24'

PD1516

PD1508

PD1509

PD1510

PD1505

PD1502

XXXX

2

2

N

GUY

POST

PD1614

BAD (TYP.)

2'

HMA-SH

9'

CONC-10

26'

STH 29 WB

PD1615

9825WB

PD1601

PD1618

PD1602

PD1608

PD1617

HMA-SR

PD1610

12'

PD1600

PD1604

PD1603

PD1607

PD1609

3'

POST

PD1611

PD1612

POST

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PD1605

PD1606

STH 29 EB

PD1616

PD1613

MAHOGANY DR

SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

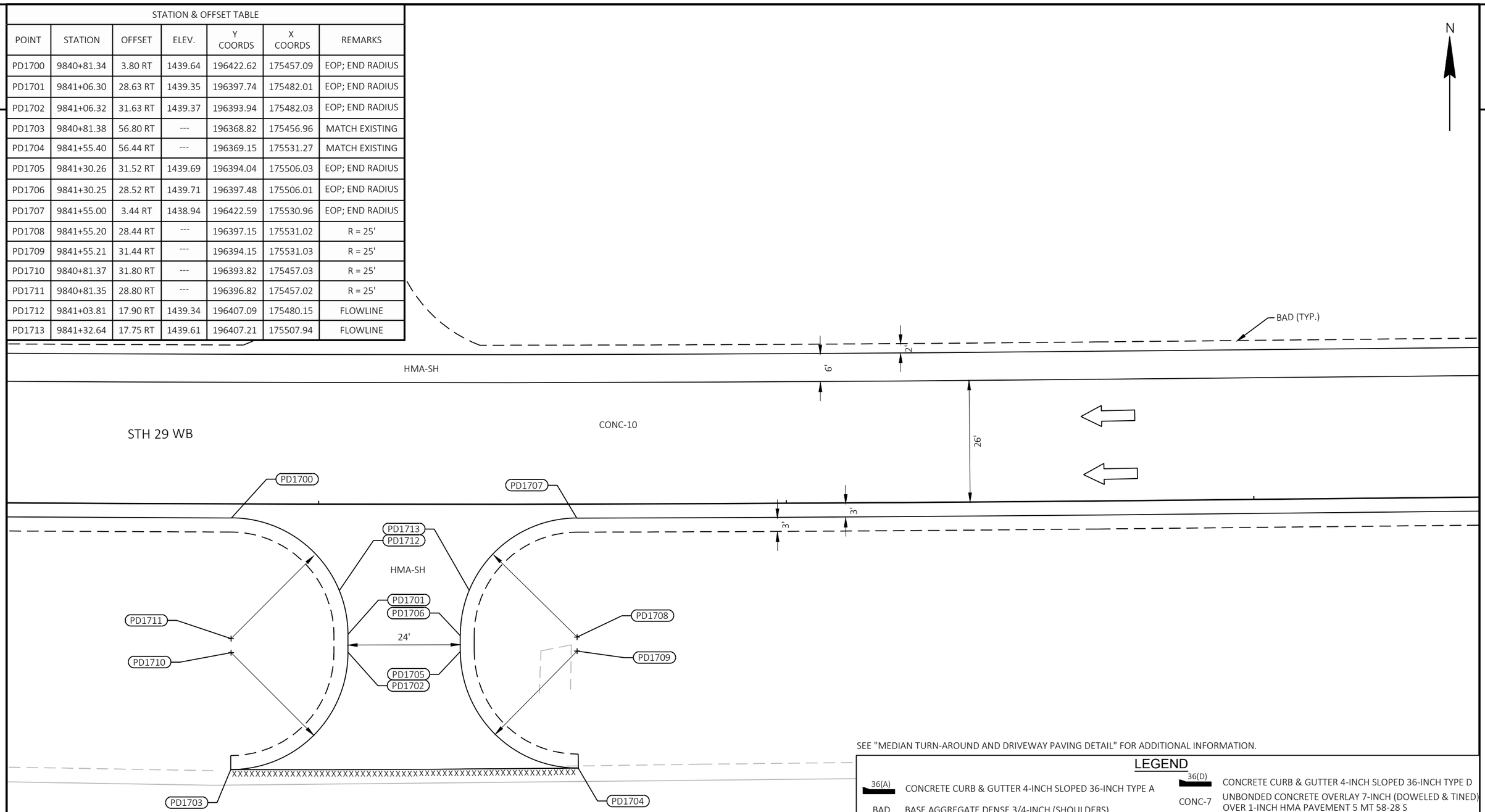
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 46	E

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1600	9822+48.93	3.00 RT	1421.83	196451.59	173624.87	EOP; BEGIN TAPER
PD1601	9823+23.93	12.00 RT	1422.94	196441.36	173699.71	EOP; END RADIUS
PD1602	9823+39.16	24.25 RT	1423.10	196428.86	173714.74	EOP; END RADIUS
PD1603	9823+39.64	30.64 RT	1423.11	196422.46	173715.11	EOP; END RADIUS
PD1604	9823+35.58	27.74 RT	---	196425.43	173711.09	R = 5'
PD1605	9823+13.21	46.91 RT	---	196406.63	173688.42	EOP; END RADIUS; MATCH EXISTING
PD1606	9824+08.07	46.91 RT	---	196405.06	173783.26	EOP; END RADIUS; MATCH EXISTING
PD1607	9823+92.24	37.46 RT	1423.92	196414.77	173767.59	EOP; END RADIUS
PD1608	9823+92.02	29.47 RT	1423.89	196422.76	173767.50	EOP; END RADIUS
PD1609	9823+95.14	33.38 RT	---	196418.80	173770.56	R = 5'
PD1610	9824+41.92	12.00 RT	1424.82	196439.41	173817.69	EOP; END RADIUS
PD1611	9825+41.94	12.00 RT	1426.36	196437.76	173917.69	EOP; END TAPER
PD1612	9826+54.44	3.00 RT	1428.16	196444.90	174030.33	EOP; BEGIN TAPER
PD1613	9824+41.92	92.00 RT	---	196359.42	173816.37	R = 80'
PD1614	9824+59.45	57.09 LT	---	196508.20	173836.35	R = 116'
PD1615	9823+07.10	7.38 RT	---	196446.25	173682.96	R = 40'
PD1616	9822+81.79	80.00 RT	---	196374.06	173656.45	R = 80'
PD1617	9823+40.12	25.65 RT	1423.12	196427.44	173715.67	FLOWLINE
PD1618	9823+97.23	25.65 RT	1423.97	196426.50	173772.77	FLOWLINE

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1700	9840+81.34	3.80 RT	1439.64	196422.62	175457.09	EOP; END RADIUS
PD1701	9841+06.30	28.63 RT	1439.35	196397.74	175482.01	EOP; END RADIUS
PD1702	9841+06.32	31.63 RT	1439.37	196393.94	175482.03	EOP; END RADIUS
PD1703	9840+81.38	56.80 RT	---	196368.82	175456.96	MATCH EXISTING
PD1704	9841+55.40	56.44 RT	---	196369.15	175531.27	MATCH EXISTING
PD1705	9841+30.26	31.52 RT	1439.69	196394.04	175506.03	EOP; END RADIUS
PD1706	9841+30.25	28.52 RT	1439.71	196397.48	175506.01	EOP; END RADIUS
PD1707	9841+55.00	3.44 RT	1438.94	196422.59	175530.96	EOP; END RADIUS
PD1708	9841+55.20	28.44 RT	---	196397.15	175531.02	R = 25'
PD1709	9841+55.21	31.44 RT	---	196394.15	175531.03	R = 25'
PD1710	9840+81.37	31.80 RT	---	196393.82	175457.03	R = 25'
PD1711	9840+81.35	28.80 RT	---	196396.82	175457.02	R = 25'
PD1712	9841+03.81	17.90 RT	1439.34	196407.09	175480.15	FLOWLINE
PD1713	9841+32.64	17.75 RT	1439.61	196407.21	175507.94	FLOWLINE



SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

2

N

CTH M

PD1807
PD1806
MATCH
XXXXXXXX
PD1843
PD1808
PD1837
3%
PD1842
2%
PD1841
3'
2%
ASPHALTIC FLUMES REQ'D
PD1805
PD1803
PD1840
PD1809
PD1802
PD1804
PD1810
PD1811
PD1813
17'
3'
24'
PD1812
PD1835
ASPHALTIC FLUMES REQ'D
PD1801
PD1800
PD1828
PD1814
2%
1.65%
1.65%
PD1829
36(D)
BAD (TYP.)
PD1815
PD1816
3'
2'
HMA-SR
10'
36(D)
PD1834
CONC-10
STH 29 WB
26'
9875WB
PD1827
PD1826
9880WB
12'
PD1820
HMA-SR
3'
PD1831
PD1845
PD1819
PD1830
PD1818
PD1817
PD1825
PD1824
PD1844
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
STH 29 EB
PD1821
PD1822
PD1823
PD1832
PD1833

SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
∧∧∧∧	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 49	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021218-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1800	9875+11.86	32.00 LT	1404.03	196564.43	178885.11	EOP; END TAPER
PD1801	9875+58.53	36.00 LT	1403.18	196568.39	178931.78	FLAG ELEVATION; END RADIUS
PD1802	9875+93.89	50.64 LT	1402.43	196583.01	178967.15	FLAG ELEVATION
PD1803	9876+08.53	86.00 LT	1402.23	196618.35	178981.82	FLAG ELEVATION; END RADIUS
PD1804	9875+58.53	86.00 LT	---	196618.39	178931.82	R = 50'
PD1805	9876+08.89	96.00 LT	1402.20	196628.35	178982.19	EOP
PD1806	9876+13.53	170.12 LT	---	196702.47	178986.88	MATCH EXISTING
PD1807	9876+25.54	170.12 LT	---	196702.46	178998.89	MATCH EXISTING
PD1808	9876+37.53	170.12 LT	---	196702.45	179010.88	MATCH EXISTING
PD1809	9876+47.28	97.00 LT	1401.96	196629.32	179020.58	EOP
PD1810	9876+49.53	76.00 LT	1401.80	196608.32	179022.81	FLAG ELEVATION; END RADIUS
PD1811	9876+61.25	47.72 LT	1401.45	196580.03	179034.51	FLAG ELEVATION
PD1812	9876+89.53	36.00 LT	1401.01	196568.29	179062.78	FLAG ELEVATION; END RADIUS
PD1813	9876+89.53	76.00 LT	---	196608.29	179062.81	R = 40'
PD1814	9876+97.53	36.00 LT	1400.88	196568.28	179070.78	EOP; BEGIN TAPER
PD1815	9880+39.44	36.00 LT	1395.22	196567.96	179412.70	EOP; END TAPER
PD1816	9880+89.45	32.00 LT	1394.48	196563.92	179462.70	EOP; BEGIN TAPER
PD1817	9881+66.38	3.00 RT	1393.30	196528.84	179539.60	EOP; BEGIN TAPER
PD1818	9880+53.79	12.00 RT	1394.99	196519.95	179427.00	EOP; END TAPER
PD1819	9877+03.90	12.00 RT	1400.78	196520.28	179077.11	EOP; BEGIN RADIUS
PD1820	9876+53.60	29.79 RT	1401.53	196502.53	179026.80	EOP; END RADIUS
PD1821	9876+53.45	37.44 RT	1401.59	196494.88	179026.64	EOP; BEGIN RADIUS
PD1822	9876+66.73	47.03 RT	---	196485.28	179039.92	EOP; END RADIUS; MATCH EXISTING
PD1823	9875+42.65	46.99 RT	---	196485.41	178915.83	EOP; END RADIUS; MATCH EXISTING
PD1824	9875+96.46	27.22 RT	1402.43	196505.14	178969.66	EOP; BEGIN RADIUS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1825	9875+96.45	19.69 RT	1402.49	196512.67	178969.66	EOP; END RADIUS
PD1826	9875+86.03	12.00 RT	1402.73	196520.37	178959.25	EOP; BEGIN RADIUS
PD1827	9875+11.03	3.00 RT	1404.15	196529.43	178884.25	EOP; END TAPER
PD1828	9875+43.81	33.01 LT	---	196565.41	178917.05	R = 80'
PD1829	9877+10.81	27.98 LT	---	196560.25	179084.05	R = 87
PD1830	9876+56.75	33.68 RT	---	196498.64	179029.94	R = 5'
PD1831	9875+93.17	23.46 RT	---	196508.91	178966.37	R = 5'
PD1832	9875+43.89	80.00 RT	---	196452.40	178917.05	R = 80'
PD1833	9877+03.90	92.00 RT	---	196440.28	179077.05	R = 80'
PD1834	9876+25.54	36.00 LT	1402.07	196568.34	178998.79	CL ELEVATION
PD1835	9876+25.54	43.70 LT	1402.11	196576.04	178998.80	CL ELEVATION
PD1837	9876+25.56	141.57 LT	1402.94	196673.91	178998.89	CL ELEVATION
PD1840	9876+25.54	96.00 LT	1402.38	196628.34	178998.84	CL ELEVATION
PD1841	9876+25.54	116.30 LT	1402.61	196648.64	178998.85	CL ELEVATION
PD1842	9876+25.54	136.00 LT	1402.84	196668.34	178998.87	CL ELEVATION
PD1843	9876+25.54	163.52 LT	1403.33	196695.86	178998.89	CL ELEVATION
PD1844	9875+88.14	33.59 RT	1402.51	196498.78	178961.33	FLOWLINE
PD1845	9876+51.75	33.58 RT	1401.55	196498.74	179024.94	FLOWLINE

2

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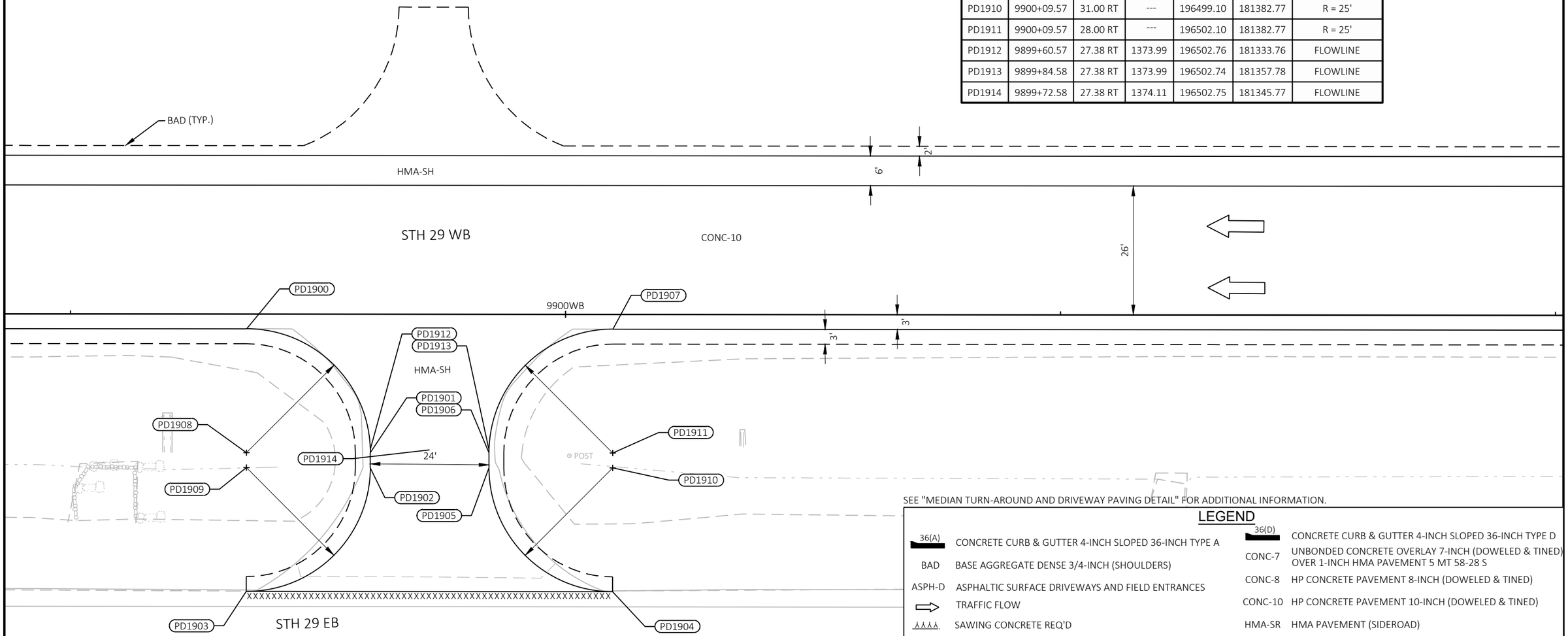
N

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD1900	9899+35.57	3.00 RT	1374.51	196527.17	181308.79	EOP; END RADIUS
PD1901	9899+60.57	28.00 RT	1374.00	196502.14	181333.77	EOP; END RADIUS
PD1902	9899+60.57	31.00 RT	1374.02	196499.14	181333.77	EOP; END RADIUS
PD1903	9899+35.57	56.00 RT	1374.63	196474.17	181308.74	MATCH EXISTING
PD1904	9900+09.57	56.00 RT	1374.57	196474.10	181382.74	MATCH EXISTING
PD1905	9899+84.57	31.00 RT	1374.02	196499.12	181357.77	EOP; END RADIUS
PD1906	9899+84.57	28.00 RT	1374.00	196502.12	181357.77	EOP; END RADIUS
PD1907	9900+09.57	3.00 RT	1374.35	196527.10	181382.79	EOP; END RADIUS
PD1908	9899+35.57	28.00 RT	---	196502.17	181308.77	R = 25'
PD1909	9899+35.57	31.00 RT	---	196499.17	181308.77	R = 25'
PD1910	9900+09.57	31.00 RT	---	196499.10	181382.77	R = 25'
PD1911	9900+09.57	28.00 RT	---	196502.10	181382.77	R = 25'
PD1912	9899+60.57	27.38 RT	1373.99	196502.76	181333.76	FLOWLINE
PD1913	9899+84.58	27.38 RT	1373.99	196502.74	181357.78	FLOWLINE
PD1914	9899+72.58	27.38 RT	1374.11	196502.75	181345.77	FLOWLINE



SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

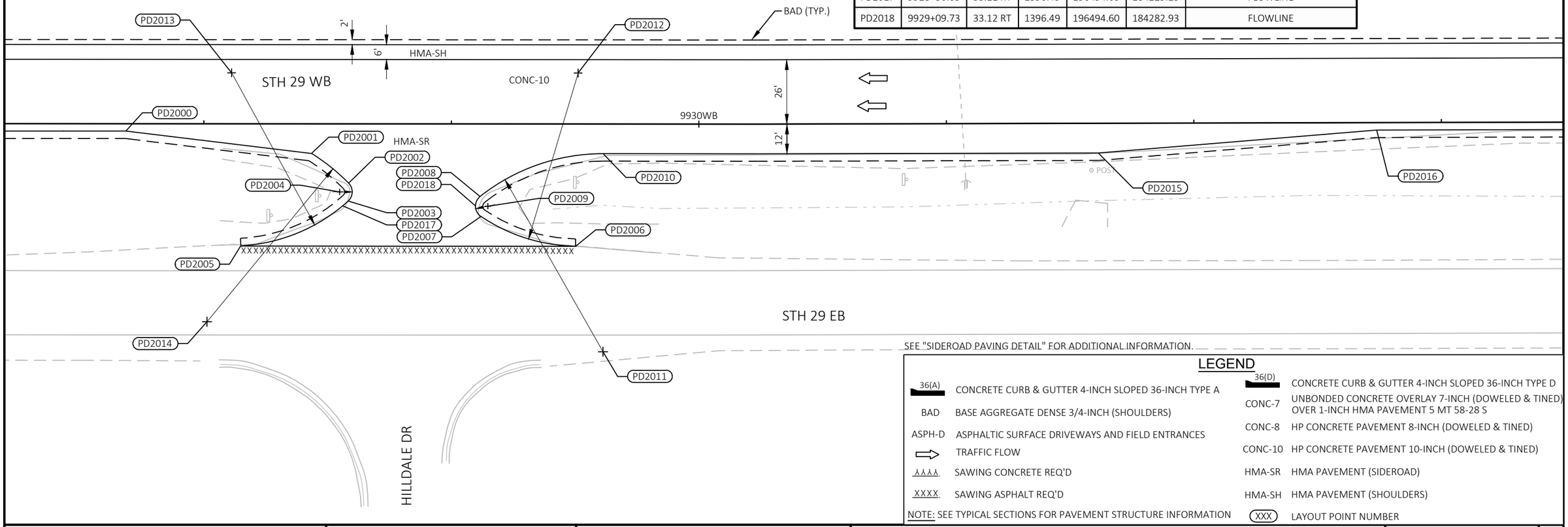
36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
⅄⅄⅄⅄	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 51	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021219-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2000	9927+68.47	3.00 RT	1397.05	196524.83	184141.69	EOP; BEGIN TAPER
PD2001	9928+43.47	12.00 RT	1396.91	196515.78	184216.68	EOP; END TAPER; END RADIUS
PD2002	9928+58.46	24.00 RT	1396.66	196503.76	184231.66	EOP; END RADIUS
PD2003	9928+58.25	31.20 RT	1396.51	196496.56	184231.45	EOP; END RADIUS
PD2004	9928+54.89	27.50 RT	---	196500.27	184228.09	R = 5'
PD2005	9928+14.96	49.29 RT	---	196478.50	184188.14	EOP; END RADIUS; MATCH EXISTING
PD2006	9929+50.20	49.42 RT	---	196478.28	184323.38	EOP; END RADIUS; MATCH EXISTING
PD2007	9929+11.93	37.39 RT	1396.52	196490.34	184285.12	EOP; END RADIUS
PD2008	9929+11.62	29.33 RT	1396.53	196498.40	184284.82	EOP; END RADIUS
PD2009	9929+14.73	33.25 RT	---	196494.48	184287.93	R = 5'
PD2010	9929+61.34	12.00 RT	1396.76	196515.69	184334.56	EOP; END RADIUS
PD2011	9929+61.34	92.00 RT	---	196435.69	184334.50	R = 80'
PD2012	9929+51.17	20.58 LT	---	196548.28	184324.40	R = 70'
PD2013	9928+11.17	20.60 LT	---	196548.40	184184.40	R = 70'
PD2014	9928+01.33	80.00 RT	---	196447.80	184174.49	R = 80'
PD2015	9931+61.35	12.00 RT	1395.87	196515.98	184534.59	EOP; END TAPER
PD2016	9932+73.85	3.00 RT	1395.20	196525.25	184647.07	EOP; BEGIN TAPER
PD2017	9928+56.05	33.11 RT	1396.49	196494.65	184229.25	FLOWLINE
PD2018	9929+09.73	33.12 RT	1396.49	196494.60	184282.93	FLOWLINE



SEE "SIDEROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
AAAA	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 52	E

2

N

PD2106
PD2105
MATCH
PD2107
3'
3'
PD2120
RED CARDINAL RD
PD2104
PD2103
PD2142
15'
PD2119
PD2108
PD2118
PD2117
PD2116
PD2143
ASPHALTIC FLUME REQ'D
PD2109
ASPHALTIC FLUME REQ'D
PD2102
15'
1.3%
PD2101
PD2135
PD2100
PD2141
PD2140
0.65%
PD2144
0.1%
0
36(D)
36(D)
PD2145
PD2110
PD2111
BAD (TYP.)
6'
2%
3'
1%
PD2147
PD2115
PD2114
1%
PD2136
2%
PD2148
10'
3'
HMA-SR
26'
PD2112
PD2113
6'
STH 29 WB
PD2122
9955WB
CONC-10
9960WB
PD2123
PD2121
HMA-SR
PD2146
PD2139
3'
12'
PD2133
PD2131
PD2125
PD2132
PD2126
PD2129
PD2130
PD2138
PD2127
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PD2124
PD2128
STH 29 EB
PD2134
PD2137
FLICKER DR

SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 53	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021221-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2100	9954+12.57	32.00 LT	1358.11	196565.38	186785.71	EOP
PD2101	9954+59.24	36.00 LT	1358.04	196569.49	186832.37	EOP; END RADIUS
PD2102	9954+59.24	76.00 LT	---	196609.49	186832.27	R = 40'
PD2103	9954+99.24	75.93 LT	1357.76	196609.52	186872.27	EOP; END RADIUS
PD2104	9954+99.62	85.92 LT	1357.82	196619.51	186872.62	EOP; BEGIN TAPER
PD2105	9955+02.68	166.29 LT	---	196699.89	186875.49	MATCH EXISTING
PD2106	9955+14.40	166.21 LT	---	196699.84	186887.22	MATCH EXISTING
PD2107	9955+25.44	166.14 LT	---	196699.79	186898.25	MATCH EXISTING
PD2108	9955+29.28	96.11 LT	1358.03	196629.77	186902.26	EOP; END RADIUS
PD2109	9955+89.28	95.97 LT	---	196629.77	186962.26	R = 60'
PD2110	9955+89.28	36.00 LT	1358.13	196569.80	186962.40	EOP; END RADIUS
PD2111	9955+99.28	36.00 LT	1358.13	196569.83	186972.40	EOP; BEGIN TAPER
PD2112	9958+39.20	36.00 LT	1358.62	196570.40	187212.32	EOP; END TAPER
PD2113	9958+89.20	32.00 LT	1358.81	196566.52	187262.33	EOP
PD2114	9955+14.17	36.01 LT	1358.03	196569.64	186887.29	CL ELEVATION
PD2115	9955+14.16	38.20 LT	1358.02	196571.83	186887.28	CL ELEVATION
PD2116	9955+14.19	52.50 LT	1357.94	196586.13	186887.28	CL ELEVATION
PD2117	9955+14.21	63.24 LT	1357.87	196596.87	186887.27	CL ELEVATION
PD2118	9955+14.21	64.60 LT	1357.88	196598.23	186887.27	CL ELEVATION
PD2119	9955+14.26	88.24 LT	1358.02	196621.87	186887.26	CL ELEVATION
PD2120	9955+14.31	113.24 LT	1358.34	196646.87	186887.25	CL ELEVATION
PD2121	9953+98.56	3.00 RT	1358.24	196530.35	186771.78	EOP; BEGIN TAPER
PD2122	9954+73.56	12.00 RT	1357.72	196521.53	186846.80	EOP; END TAPER; END RADIUS
PD2123	9954+85.55	21.09 RT	1357.74	196512.46	186858.81	EOP; END RADIUS
PD2124	9954+85.37	28.62 RT	1357.58	196504.94	186858.65	EOP; END RADIUS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2125	9954+82.17	24.78 RT	---	196508.77	186855.44	R = 5'
PD2126	9954+34.16	47.15 RT	---	196486.28	186807.49	EOP; MATCH EXISTING
PD2127	9955+52.00	47.15 RT	---	196486.57	186925.32	EOP; MATCH EXISTING
PD2128	9955+39.98	38.02 RT	1357.87	196495.66	186913.28	EOP; END RADIUS
PD2129	9955+40.16	30.50 RT	1357.61	196503.19	186913.45	EOP; END RADIUS
PD2130	9955+43.36	34.34 RT	---	196499.35	186916.66	R = 5'
PD2131	9955+91.33	12.00 RT	1358.03	196521.81	186964.57	EOP; END RADIUS
PD2132	9957+91.33	12.00 RT	1358.50	196522.29	187164.57	EOP; END TAPER
PD2133	9959+03.83	3.00 RT	1358.95	196531.56	187277.05	EOP; BEGIN TAPER
PD2134	9954+31.42	80.00 RT	---	196453.43	186804.82	R = 80'
PD2135	9954+34.16	32.85 LT	---	196566.28	186807.29	R = 80'
PD2136	9955+94.14	20.85 LT	---	196554.67	186967.30	R = 80'
PD2137	9955+91.33	92.00 RT	---	196441.81	186964.76	R = 80'
PD2138	9954+85.50	28.50 RT	1357.58	196505.05	186858.78	FLOWLINE
PD2139	9955+42.67	28.50 RT	1357.56	196505.19	186915.95	FLOWLINE
PD2140	9954+74.53	39.04 LT	1357.96	196572.57	186847.65	FLAG ELEVATION
PD2141	9954+87.50	47.69 LT	1357.80	196581.25	186860.60	FLAG ELEVATION
PD2142	9954+96.17	60.64 LT	1357.64	196594.22	186869.24	FLAG ELEVATION; LOW POINT
PD2143	9955+33.81	73.11 LT	1357.73	196606.79	186906.85	FLAG ELEVATION
PD2144	9955+46.81	53.61 LT	1357.62	196587.31	186919.89	FLAG ELEVATION; LOW POINT
PD2145	9955+66.29	40.58 LT	1358.01	196574.33	186939.40	FLAG ELEVATION
PD2146	9955+12.76	28.50 RT	1357.84	196505.12	186886.04	FLOWLINE
PD2147	9953+99.24	26.00 LT	1358.26	196559.35	186772.39	EOC; END TRANSITION
PD2148	9956+49.28	26.00 LT	1358.37	196559.95	187022.42	EOC; BEGIN TRANSITION

2

N

PHEASANT FALLS RD

PD2417
PD2405
MATCH
XXXXXXXXX
PD2416
PD2406
PD2426
PD2430
PD2419
3%
2%
3'
3'
2%
2%
PD2429
PD2407
ASPHALTIC FLUMES REQ'D
PD2408
PD2418
PD2404
15'
PD2402
PD2403
PD2427
PD2422
15'
PD2423
PD2421
PD2420
ASPHALTIC FLUMES REQ'D
PD2425
PD2409
PD2410
PD2400
2'
3'
2%
1.63%
1.63%
36(D)
36(D)
PD2424
PD2413
PD2401
6'
HMA-SR
10'
3'
BAD (TYP.)
PD2411
PD2412
2'
6'
POST
POST
STH 29 WB
CONC-10
26'
3'
10080WB
12'
HMA-SR
PD2431
PD2432
PD2433
PD2434
POST
STH 29 EB

SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 55	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021224-pd
PLOT DATE : 6/27/2025 11:46 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2400	10079+14.90	32.00 LT	1260.90	196595.39	199288.00	EOP; BEGIN TAPER
PD2401	10079+61.57	36.00 LT	1261.58	196599.50	199334.66	EOP; END RADIUS
PD2402	10079+61.57	76.00 LT	---	196639.50	199334.56	R = 40'
PD2403	10080+01.56	76.60 LT	1262.37	196640.20	199374.56	EOP; END RADIUS
PD2404	10080+01.41	86.60 LT	1262.42	196650.20	199374.38	EOP; BEGIN TAPER
PD2405	10080+03.39	154.69 LT	---	196718.29	199376.20	MATCH EXISTING
PD2406	10080+27.39	155.05 LT	---	196718.70	199400.19	MATCH EXISTING
PD2407	10080+31.29	95.10 LT	1262.63	196658.77	199404.24	EOP; END RADIUS
PD2408	10080+91.28	96.00 LT	---	196659.81	199464.23	R = 60'
PD2409	10080+91.28	36.00 LT	1263.69	196599.81	199464.37	EOP; END RADIUS
PD2410	10081+01.28	36.00 LT	1263.85	196599.84	199474.37	EOP; BEGIN TAPER
PD2411	10083+16.20	36.00 LT	1267.35	196600.35	199689.29	EOP; END TAPER
PD2412	10083+66.20	32.00 LT	1268.24	196596.47	199739.30	EOP; BEGIN TAPER
PD2413	10080+17.18	36.00 LT	1262.48	196599.63	199390.27	CL ELEVATION
PD2416	10080+15.50	147.39 LT	1263.44	196711.02	199388.32	CL ELEVATION
PD2417	10080+15.40	154.87 LT	---	196718.49	199388.20	MATCH EXISTING
PD2418	10080+16.42	86.08 LT	1262.71	196649.72	199389.39	CL ELEVATION
PD2419	10080+15.83	125.39 LT	1263.08	196689.02	199388.71	CL ELEVATION
PD2420	10079+77.02	39.10 LT	1261.78	196602.64	199350.10	FLAG ELEVATION
PD2421	10079+90.07	47.93 LT	1261.93	196611.50	199363.13	FLAG ELEVATION
PD2422	10079+98.69	61.11 LT	1262.23	196624.70	199371.72	FLAG ELEVATION
PD2423	10080+36.11	72.41 LT	1262.55	196636.09	199409.12	FLAG ELEVATION
PD2424	10080+49.18	53.26 LT	1262.88	196616.97	199422.23	FLAG ELEVATION
PD2425	10080+68.53	40.48 LT	1263.22	196604.24	199441.61	FLAG ELEVATION
PD2426	10080+15.65	137.71 LT	1263.28	196701.34	199388.49	CL ELEVATION
PD2427	10080+17.05	44.14 LT	1262.52	196607.77	199390.13	CL ELEVATION

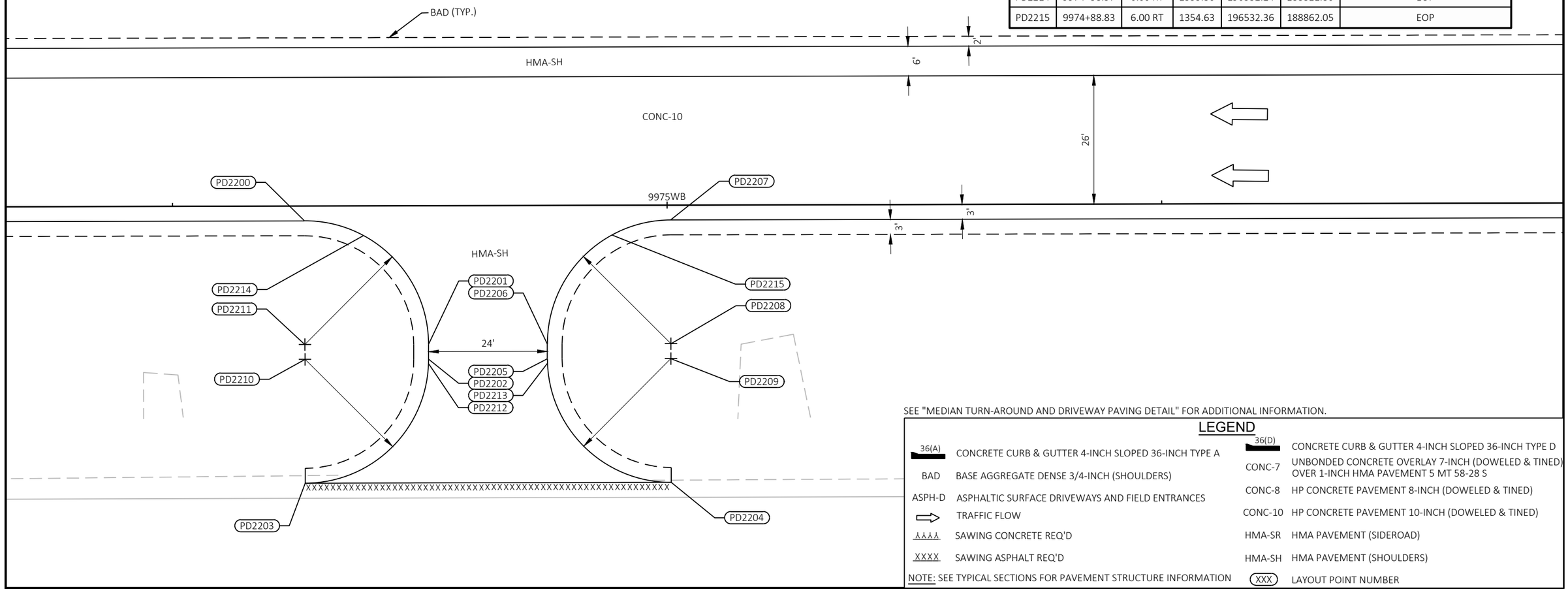
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2429	10080+15.98	115.85 LT	1262.99	196679.48	199388.87	CL ELEVATION
PD2430	10080+15.82	125.97 LT	1263.09	196689.60	199388.70	CL ELEVATION
PD2431	10078+96.56	3.00 RT	1260.70	196560.34	199269.75	EOP; BEGIN TAPER
PD2432	10079+71.56	12.00 RT	---	196551.52	199344.77	EOP; END TAPER; MATCH EXISTING
PD2433	10080+96.80	12.00 RT	---	196551.82	199470.00	EOP; END TAPER; MATCH EXISTING
PD2434	10082+60.67	3.00 RT	1266.62	196561.22	199633.86	EOP; BEGIN TAPER

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2200	9974+26.70	3.00 RT	1355.58	196535.21	188799.91	EOP; END RADIUS
PD2201	9974+51.70	28.00 RT	1355.01	196510.27	188824.97	EOP; END RADIUS
PD2202	9974+51.70	31.00 RT	1355.00	196507.27	188824.98	EOP; END RADIUS
PD2203	9974+26.70	56.00 RT	---	196482.21	188800.04	EOP; END RADIUS; MATCH EXISTING
PD2204	9975+00.70	56.00 RT	---	196482.39	188874.04	EOP; END RADIUS; MATCH EXISTING
PD2205	9974+75.70	31.00 RT	1354.68	196507.33	188848.98	EOP; END RADIUS
PD2206	9974+75.70	28.00 RT	1354.69	196510.33	188848.97	EOP; END RADIUS
PD2207	9975+00.70	3.00 RT	1354.59	196535.39	188873.91	EOP; END RADIUS
PD2208	9975+00.70	28.00 RT	---	196510.39	188873.97	R = 25'
PD2209	9975+00.70	31.00 RT	---	196507.39	188873.98	R = 25'
PD2210	9974+26.70	31.00 RT	---	196507.21	188799.98	R = 25'
PD2211	9974+26.70	28.00 RT	---	196510.21	188799.97	R = 25'
PD2212	9974+51.68	31.89 RT	1355.00	196506.38	188824.97	FLOWLINE
PD2213	9974+75.72	31.89 RT	1354.68	196506.44	188849.00	FLOWLINE
PD2214	9974+38.57	6.00 RT	1355.30	196532.24	188811.80	EOP
PD2215	9974+88.83	6.00 RT	1354.63	196532.36	188862.05	EOP

N

2


BAD (TYP.)
HMA-SH
6'
2"
CONC-10
26'
9975WB
3"
3"
PD2200
PD2207
PD2214
PD2211
PD2210
HMA-SH
PD2201
PD2206
24'
PD2205
PD2202
PD2213
PD2212
PD2215
PD2208
PD2209
PD2203
PD2204
XXXX

2

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2300	10004+43.41	3.00 RT	1304.20	196542.46	191816.61	EOP; END RADIUS
PD2301	10004+68.41	28.00 RT	1303.68	196517.52	191841.67	EOP; END RADIUS
PD2302	10004+68.41	31.00 RT	1303.71	196514.52	191841.68	EOP; END RADIUS
PD2303	10004+63.02	46.50 RT	---	196499.00	191836.33	EOP; END RADIUS; MATCH EXISTING
PD2304	10004+97.79	46.50 RT	---	196499.09	191871.10	EOP; END RADIUS; MATCH EXISTING
PD2305	10004+92.41	31.00 RT	1303.36	196514.57	191865.68	EOP; END RADIUS
PD2306	10004+92.41	28.00 RT	1303.33	196517.57	191865.67	EOP; END RADIUS
PD2307	10005+17.41	3.00 RT	1303.14	196542.63	191890.61	EOP; END RADIUS
PD2308	10005+17.41	28.00 RT	---	196517.63	191890.67	R = 25'
PD2309	10005+17.41	31.00 RT	---	196514.63	191890.68	R = 25'
PD2310	10004+43.41	31.00 RT	---	196514.46	191816.68	R = 25'
PD2311	10004+43.41	28.00 RT	---	196517.46	191816.67	R = 25'
PD2312	10004+67.14	20.13 RT	1303.66	196525.38	191840.38	FLOWLINE
PD2313	10004+93.68	20.13 RT	1303.27	196525.45	191866.93	FLOWLINE
PD2314	10004+55.28	6.00 RT	1303.91	196539.48	191828.49	EOP
PD2315	10005+05.53	6.00 RT	1303.19	196539.60	191878.75	EOP

N

BAD (TYP.)

HMA-SH

6'

2'

CONC-10

26'

STH 29 WB

PD2300

10005WB

PD2307

3'

3'

HMA-SH

PD2312

PD2313

PD2301

PD2306

PD2314

PD2315

PD2311

PD2310

24'

PD2308

PD2309

PD2302

PD2305

PD2303

PD2304

HX RAMP CROSSOVER. SEE PLAN AND PROFILE AND ALIGNMENT DETAILS FOR ADDITIONAL LAYOUT INFORMATION.

SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

STH 29 EB

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
AAAA	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 58	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021223-pd

PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT

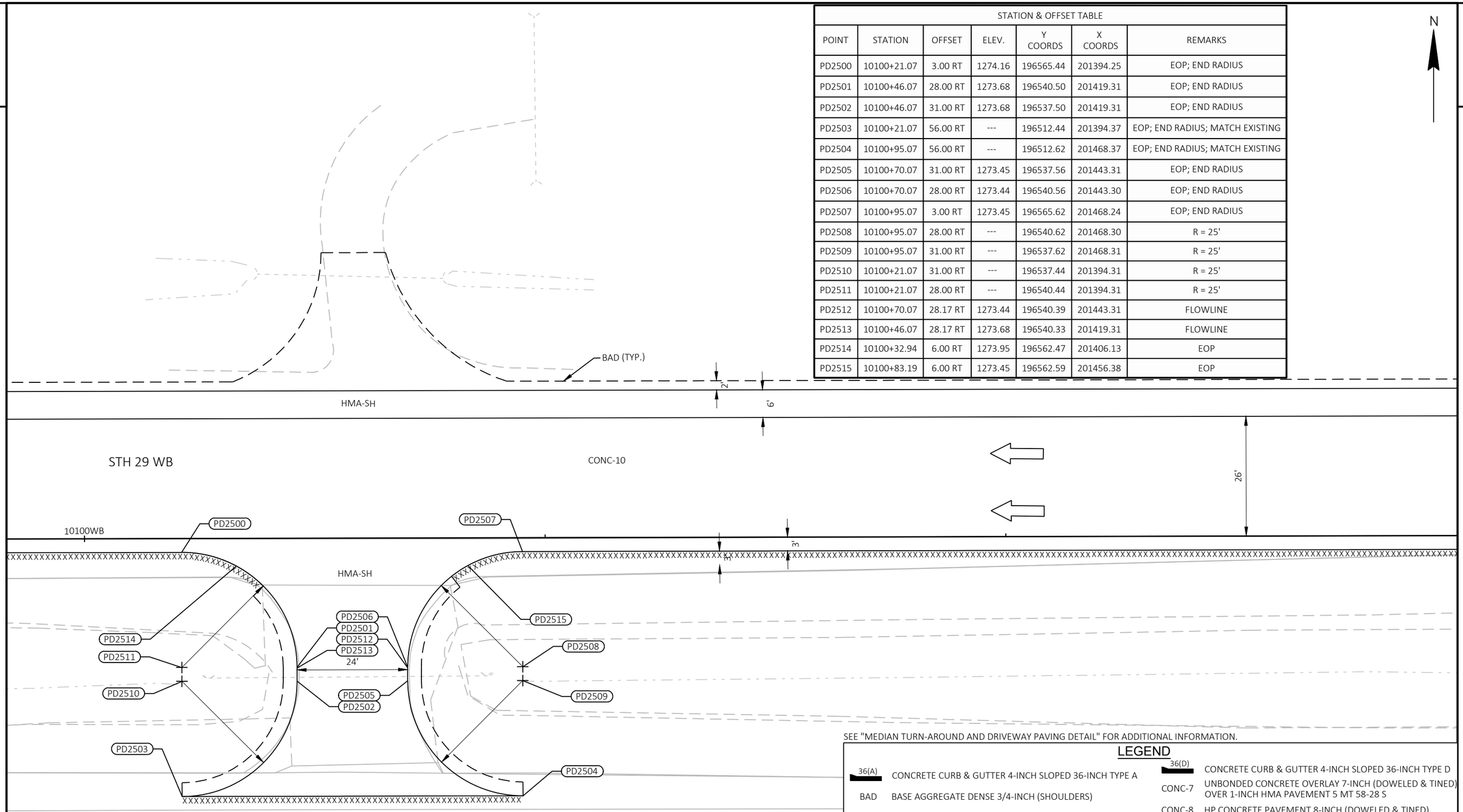
WISDOT/CADDS SHEET 42

2

2

N

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2500	10100+21.07	3.00 RT	1274.16	196565.44	201394.25	EOP; END RADIUS
PD2501	10100+46.07	28.00 RT	1273.68	196540.50	201419.31	EOP; END RADIUS
PD2502	10100+46.07	31.00 RT	1273.68	196537.50	201419.31	EOP; END RADIUS
PD2503	10100+21.07	56.00 RT	---	196512.44	201394.37	EOP; END RADIUS; MATCH EXISTING
PD2504	10100+95.07	56.00 RT	---	196512.62	201468.37	EOP; END RADIUS; MATCH EXISTING
PD2505	10100+70.07	31.00 RT	1273.45	196537.56	201443.31	EOP; END RADIUS
PD2506	10100+70.07	28.00 RT	1273.44	196540.56	201443.30	EOP; END RADIUS
PD2507	10100+95.07	3.00 RT	1273.45	196565.62	201468.24	EOP; END RADIUS
PD2508	10100+95.07	28.00 RT	---	196540.62	201468.30	R = 25'
PD2509	10100+95.07	31.00 RT	---	196537.62	201468.31	R = 25'
PD2510	10100+21.07	31.00 RT	---	196537.44	201394.31	R = 25'
PD2511	10100+21.07	28.00 RT	---	196540.44	201394.31	R = 25'
PD2512	10100+70.07	28.17 RT	1273.44	196540.39	201443.31	FLOWLINE
PD2513	10100+46.07	28.17 RT	1273.68	196540.33	201419.31	FLOWLINE
PD2514	10100+32.94	6.00 RT	1273.95	196562.47	201406.13	EOP
PD2515	10100+83.19	6.00 RT	1273.45	196562.59	201456.38	EOP



SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
⌇⌇⌇⌇	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 59	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021225-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2600	10116+34.76	3.00 RT	1286.13	196569.32	203007.93	EOP; END RADIUS
PD2601	10116+59.76	28.00 RT	1286.03	196544.38	203032.99	EOP; END RADIUS
PD2602	10116+59.76	31.00 RT	1285.97	196541.38	203033.00	EOP; END RADIUS
PD2603	10116+34.76	56.00 RT	---	196516.32	203008.06	EOP; END RADIUS; MATCH EXISTING
PD2604	10117+08.76	56.00 RT	---	196516.49	203082.06	EOP; END RADIUS; MATCH EXISTING
PD2605	10116+83.76	31.00 RT	1286.82	196541.43	203057.00	EOP; END RADIUS
PD2606	10116+83.76	28.00 RT	1286.88	196544.43	203056.99	EOP; END RADIUS
PD2607	10117+08.76	3.00 RT	1288.74	196569.49	203081.93	EOP; END RADIUS
PD2608	10117+08.76	28.00 RT	---	196544.49	203081.99	R = 25'
PD2609	10117+08.76	31.00 RT	---	196541.49	203082.00	R = 25'
PD2610	10116+34.76	31.00 RT	---	196541.32	203008.00	R = 25'
PD2611	10116+34.76	28.00 RT	---	196544.32	203007.99	R = 25'
PD2612	10116+59.59	33.90 RT	1285.95	196538.48	203032.84	FLOWLINE
PD2613	10116+83.93	33.90 RT	1286.80	196538.53	203057.17	FLOWLINE

N

BAD (TYP.)

HMA-SH

6'

2'

STH 29 WB

CONC-7

26'

PD2600

PD2607

3'

3'

HMA-SH

PD2606

PD2601

PD2611

PD2610

24'

PD2608

PD2609

PD2602

PD2605

PD2612

PD2613

PD2603

PD2604

STH 29 EB

SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 60	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021226-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

LUMBER FALLS RD

PD2718
PD2728
PD2705
PD2706
MATCH
PD2727
2%
3'
PD2707
3'
PD2726
15'
PD2704
PD2702
ASPHALTIC FLUMES REQ'D
PD2722
PD2703
15'
PD2712
PD2725
PD2719
PD2723
PD2708
ASPHALTIC FLUMES REQ'D
PD2721
PD2720
PD2701
PD2742
PD2700
PD2709
BAD (TYP.)
PD2710
PD2711
2'
3'
6'
36(D)
2%
2.22% 2.22%
36(D)
PD2724
PD2741
CONC-7
10'
26'
WB
STH 29 WB
PD2730
10135WB
12'
3'
PD2729
PD2733
PD2731
PD2736
PD2732
PD2735
PD2744
PD2745
PD2737
PD2738
PD2739
PD2734
STH 29 EB
PD2743
PD2740
CARDINAL LN
GUY
POST

SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 61	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021227-pd
PLOT DATE : 6/27/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2700	10131+84.60	32.00 LT	1301.71	196602.56	204557.95	EOP; BEGIN TAPER
PD2701	10132+31.27	36.00 LT	1300.73	196606.29	204604.64	EOP; END RADIUS
PD2702	10132+71.27	76.27 LT	1299.77	196646.32	204644.87	EOP; END RADIUS
PD2703	10132+31.27	76.00 LT	---	196646.29	204604.87	R = 40'
PD2704	10132+71.20	86.27 LT	1299.85	196656.32	204644.86	EOP; BEGIN TAPER
PD2705	10132+73.09	138.40 LT	---	196708.44	204647.06	MATCH EXISTING
PD2706	10132+99.59	138.58 LT	---	196708.46	204673.56	MATCH EXISTING
PD2707	10133+01.14	95.59 LT	1299.76	196665.47	204674.86	EOP; END RADIUS
PD2708	10133+61.14	36.00 LT	1297.80	196605.52	204734.50	EOP; END RADIUS
PD2709	10133+69.14	36.00 LT	1297.60	196605.47	204742.50	EOP; BEGIN TAPER
PD2710	10135+61.06	36.00 LT	1292.07	196604.34	204934.42	EOP; END TAPER
PD2711	10136+11.06	32.00 LT	1290.49	196600.04	204984.39	EOP; BEGIN TAPER
PD2712	10132+86.54	36.00 LT	1299.56	196605.96	204659.91	CL ELEVATION
PD2718	10132+85.85	138.49 LT	---	196708.45	204659.82	MATCH EXISTING
PD2719	10133+61.14	96.00 LT	---	196665.52	204734.86	R = 60'
PD2720	10132+46.64	39.07 LT	1300.34	196609.27	204620.02	FLAG ELEVATION
PD2721	10132+59.65	47.81 LT	1299.94	196617.93	204633.09	FLAG ELEVATION
PD2722	10132+68.30	60.88 LT	1299.85	196630.95	204641.82	FLAG ELEVATION; LOW POINT
PD2723	10133+38.27	40.53 LT	1298.27	196610.18	204711.66	FLAG ELEVATION
PD2724	10133+18.86	53.43 LT	1298.92	196623.20	204692.32	FLAG ELEVATION
PD2725	10133+05.82	72.76 LT	1299.34	196642.60	204679.40	FLAG ELEVATION
PD2726	10132+86.28	75.45 LT	1299.76	196645.41	204659.87	CL ELEVATION
PD2727	10132+86.03	111.06 LT	1300.29	196681.02	204659.84	CL ELEVATION
PD2728	10132+85.88	133.22 LT	1300.83	196703.18	204659.82	CL ELEVATION
PD2729	10131+69.64	3.00 RT	1302.08	196567.65	204542.78	EOP; BEGIN TAPER
PD2730	10132+44.64	12.00 RT	1300.46	196558.21	204617.73	EOP; END RADIUS
PD2731	10132+57.20	21.62 RT	1300.21	196548.51	204630.23	EOP; END RADIUS
PD2732	10132+56.93	29.15 RT	1300.25	196540.98	204629.91	EOP; END RADIUS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2733	10132+06.56	47.00 RT	---	196523.44	204579.44	EOP; END RADIUS; MATCH EXISTING
PD2734	10133+24.51	47.00 RT	---	196522.74	204697.38	EOP; END RADIUS; MATCH EXISTING
PD2735	10133+11.86	37.29 RT	1299.17	196532.52	204684.79	EOP; END RADIUS
PD2736	10133+12.14	29.76 RT	1299.11	196540.05	204685.12	EOP; END RADIUS
PD2737	10133+62.41	12.00 RT	1297.77	196557.51	204735.49	EOP; END RADIUS
PD2738	10135+61.14	12.00 RT	1292.07	196556.34	204934.21	EOP; END TAPER
PD2739	10136+73.64	3.00 RT	1288.38	196564.68	205046.76	EOP; BEGIN TAPER
PD2740	10133+62.41	92.00 RT	---	196477.52	204735.01	R = 80'
PD2741	10133+66.65	21.00 LT	---	196590.49	204739.92	R = 80'
PD2742	10132+06.56	33.00 LT	---	196603.43	204579.91	R = 80'
PD2743	10132+02.50	80.00 RT	---	196490.46	204575.18	R = 80'
PD2744	10132+53.78	25.27 RT	---	196544.89	204626.78	R = 5'
PD2745	10133+15.29	33.65 RT	---	196536.14	204688.24	R = 5'

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STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2800	10150+59.01	3.00 RT	1268.42	196556.49	206432.11	EOP; END RADIUS
PD2801	10150+84.01	28.00 RT	1268.39	196531.34	206456.96	EOP; END RADIUS
PD2802	10150+84.01	31.00 RT	1268.50	196528.34	206456.94	EOP; END RADIUS
PD2803	10150+59.01	56.00 RT	---	196503.49	206431.80	EOP; END RADIUS; MATCH EXISTING
PD2804	10150+59.01	28.00 RT	---	196531.49	206431.96	R = 25'
PD2805	10150+59.01	31.00 RT	---	196528.49	206431.94	R = 25'
PD2806	10151+33.01	56.00 RT	---	196503.05	206505.80	EOP; END RADIUS; MATCH EXISTING
PD2807	10151+08.01	31.00 RT	1268.84	196528.20	206480.94	EOP; END RADIUS
PD2808	10151+08.01	28.00 RT	1268.73	196531.20	206480.96	EOP; END RADIUS
PD2809	10151+33.01	3.00 RT	1269.42	196556.05	206506.11	EOP; END RADIUS
PD2810	10151+33.01	31.00 RT	---	196528.05	206505.94	R = 25'
PD2811	10151+33.01	28.00 RT	---	196531.05	206505.96	R = 25'
PD2812	10150+82.49	19.43 RT	1268.22	196539.92	206455.50	FLOWLINE
PD2813	10151+09.58	19.27 RT	1268.60	196539.92	206482.59	FLOWLINE

BAD (TYP.)

HMA-SH

2'

6'

CONC-7

26'

STH 29 WB

PD2800

PD2809

3'

3'

HMA-SH

PD2812

PD2813

PD2801

PD2808

PD2804

PD2805

24'

PD2807

PD2802

PD2811

PD2810

PD2806

PD2803

STH 29 EB

SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
AAAA	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 63	E

2

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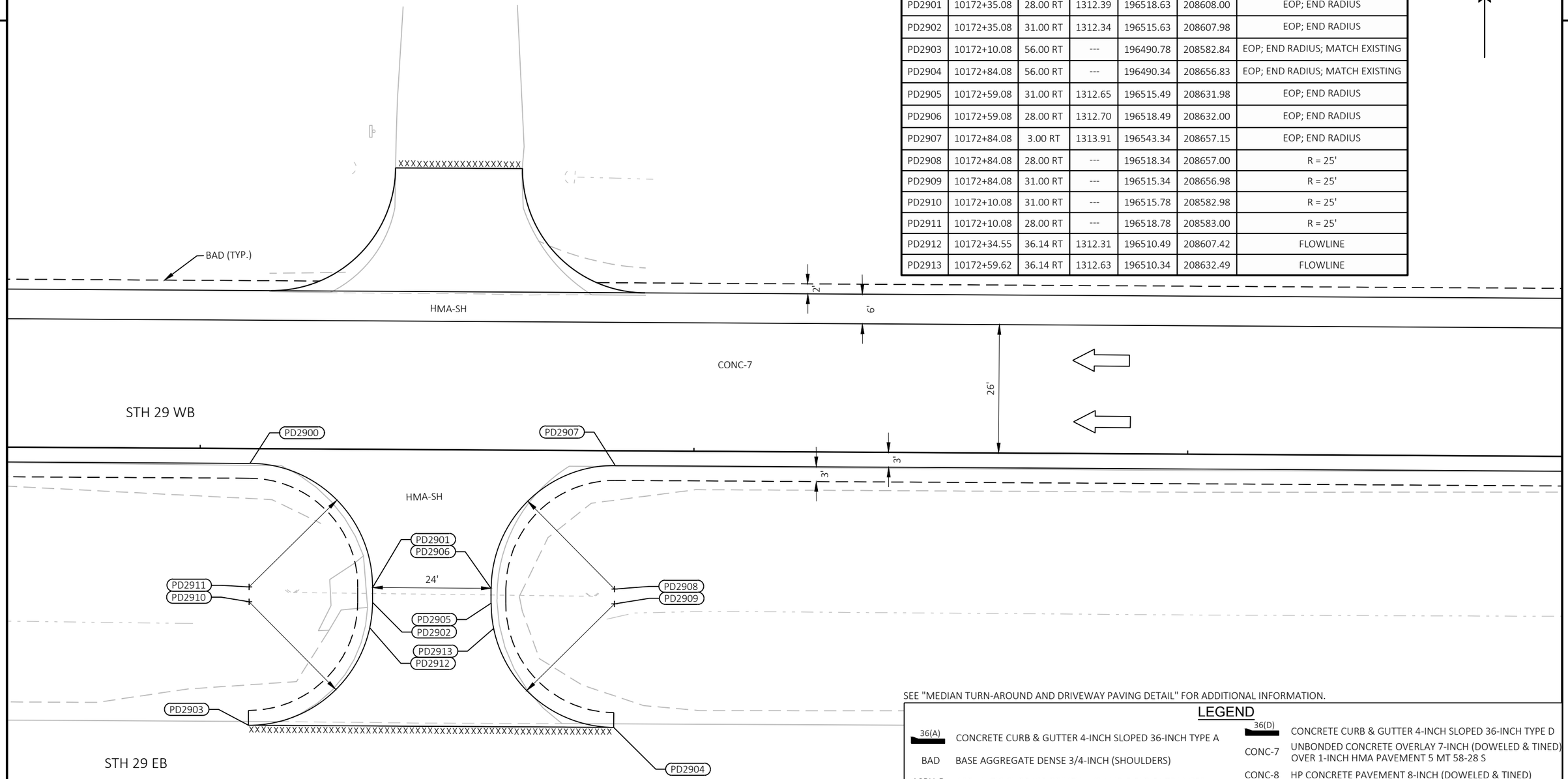
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD2900	10172+10.08	3.00 RT	1312.97	196543.78	208583.15	EOP; END RADIUS
PD2901	10172+35.08	28.00 RT	1312.39	196518.63	208608.00	EOP; END RADIUS
PD2902	10172+35.08	31.00 RT	1312.34	196515.63	208607.98	EOP; END RADIUS
PD2903	10172+10.08	56.00 RT	---	196490.78	208582.84	EOP; END RADIUS; MATCH EXISTING
PD2904	10172+84.08	56.00 RT	---	196490.34	208656.83	EOP; END RADIUS; MATCH EXISTING
PD2905	10172+59.08	31.00 RT	1312.65	196515.49	208631.98	EOP; END RADIUS
PD2906	10172+59.08	28.00 RT	1312.70	196518.49	208632.00	EOP; END RADIUS
PD2907	10172+84.08	3.00 RT	1313.91	196543.34	208657.15	EOP; END RADIUS
PD2908	10172+84.08	28.00 RT	---	196518.34	208657.00	R = 25'
PD2909	10172+84.08	31.00 RT	---	196515.34	208656.98	R = 25'
PD2910	10172+10.08	31.00 RT	---	196515.78	208582.98	R = 25'
PD2911	10172+10.08	28.00 RT	---	196518.78	208583.00	R = 25'
PD2912	10172+34.55	36.14 RT	1312.31	196510.49	208607.42	FLOWLINE
PD2913	10172+59.62	36.14 RT	1312.63	196510.34	208632.49	FLOWLINE

N



SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

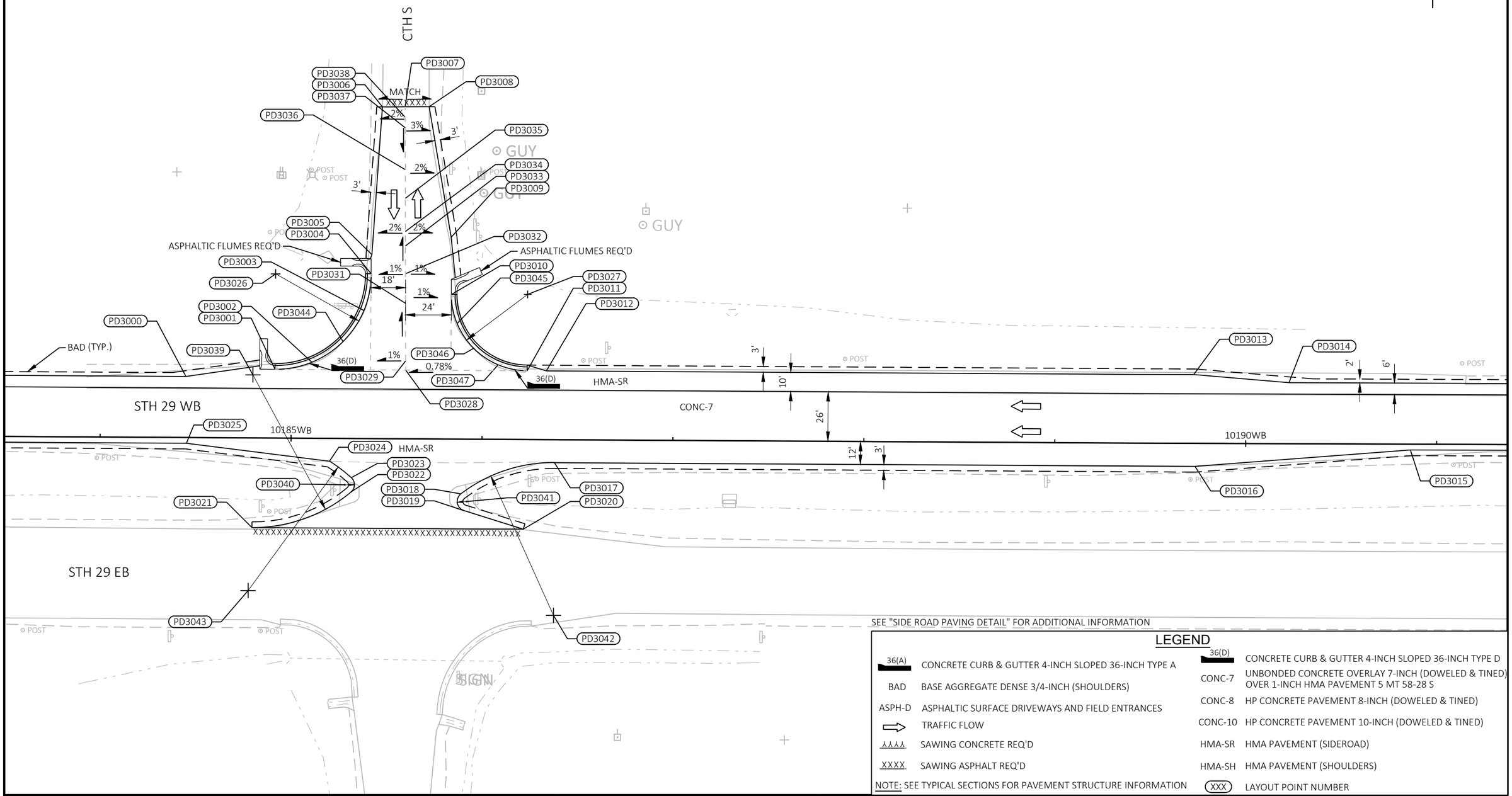
LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 64	E

2

N



SEE "SIDE ROAD PAVING DETAIL" FOR ADDITIONAL INFORMATION

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 65	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\021202-PD.DWG
LAYOUT NAME - 021230-pd
PLOT DATE : 6/27/2025 11:47 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD3000	10184+44.72	32.00 LT	1323.57	196571.48	209817.97	EOP; BEGIN TAPER
PD3001	10184+91.39	36.00 LT	1323.85	196575.20	209864.66	EOP; END RADIUS
PD3002	10185+10.61	39.84 LT	1323.93	196578.93	209883.90	FLAG ELEVATION
PD3003	10185+37.69	67.13 LT	1323.54	196606.06	209911.15	FLAG ELEVATION
PD3004	10185+41.38	86.38 LT	1323.35	196625.29	209914.95	EOP; END RADIUS
PD3005	10185+41.74	96.38 LT	1323.16	196635.29	209915.37	EOP; END TAPER
PD3006	10185+46.83	173.82 LT	---	196712.70	209920.91	MATCH EXISTING
PD3007	10185+58.72	173.94 LT	---	196712.74	209932.80	MATCH EXISTING
PD3008	10185+71.31	174.06 LT	---	196712.78	209945.40	MATCH EXISTING
PD3009	10185+83.24	105.69 LT	1322.89	196644.35	209956.92	EOP; END TAPER
PD3010	10185+83.47	75.69 LT	1323.42	196614.35	209956.97	EOP; END RADIUS
PD3011	10186+23.47	36.00 LT	1324.87	196574.42	209996.74	EOP; END RADIUS
PD3012	10186+33.47	36.00 LT	1324.95	196574.36	210006.74	EOP; BEGIN TAPER
PD3013	10189+72.58	36.00 LT	1326.93	196572.43	210345.77	EOP; END TAPER
PD3014	10190+22.58	32.00 LT	1327.16	196568.24	210395.76	EOP; BEGIN TAPER
PD3015	10190+86.25	3.00 RT	1327.39	196533.00	210459.29	EOP; BEGIN TAPER
PD3016	10189+73.44	12.07 RT	1326.93	196524.36	210346.45	EOP; END TAPER
PD3017	10186+37.98	12.00 RT	1324.99	196526.34	210010.97	EOP; END RADIUS
PD3018	10185+89.10	28.67 RT	1324.25	196509.96	209961.99	EOP; END RADIUS
PD3019	10185+90.68	37.41 RT	1324.08	196501.21	209963.52	EOP; END RADIUS
PD3020	10186+21.85	47.00 RT	---	196491.43	209994.63	EOP; MATCH EXISTING
PD3021	10184+79.79	47.00 RT	---	196492.27	209852.57	EOP; END RADIUS; MATCH EXISTING
PD3022	10185+31.44	28.10 RT	1323.83	196510.87	209904.33	EOP; END RADIUS
PD3023	10185+31.55	20.56 RT	1323.98	196518.41	209904.49	EOP; END RADIUS
PD3024	10185+20.15	12.00 RT	1324.07	196527.03	209893.14	EOP; END RADIUS; BEGIN TAPER

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD3025	10184+45.15	3.00 RT	1323.67	196536.48	209818.20	EOP; END TAPER
PD3026	10184+91.39	86.00 LT	---	196625.20	209864.95	R = 50'
PD3027	10186+23.47	76.00 LT	---	196614.42	209996.97	R = 40'
PD3028	10185+59.77	36.00 LT	1324.38	196574.80	209933.04	CL ELEVATION
PD3029	10185+59.73	40.84 LT	1324.29	196579.64	209933.03	CL ELEVATION
PD3031	10185+59.50	71.00 LT	1323.71	196609.80	209932.98	CL ELEVATION
PD3032	10185+59.38	86.52 LT	1323.53	196625.32	209932.95	CL ELEVATION
PD3033	10185+59.27	101.00 LT	1323.36	196639.80	209932.93	CL ELEVATION
PD3034	10185+59.22	108.52 LT	1323.32	196647.32	209932.92	CL ELEVATION
PD3035	10185+59.08	126.00 LT	1323.23	196664.80	209932.89	CL ELEVATION
PD3036	10185+58.97	140.94 LT	1323.31	196679.74	209932.86	CL ELEVATION
PD3037	10185+58.80	162.94 LT	1323.41	196701.74	209932.82	CL ELEVATION
PD3038	10185+58.76	168.44 LT	1323.44	196707.24	209932.81	CL ELEVATION
PD3039	10184+79.79	33.00 LT	---	196572.27	209853.05	R = 80'
PD3040	10185+28.21	24.28 RT	---	196514.71	209901.13	R = 5'
PD3041	10185+92.16	32.63 RT	---	196505.98	209965.02	R = 5'
PD3042	10186+37.98	92.00 RT	---	196446.34	210010.50	R = 80'
PD3043	10184+78.01	80.00 RT	---	196459.29	209850.60	R = 80'
PD3044	10185+26.88	50.78 LT	1323.74	196589.77	209900.24	FLAG ELEVATION
PD3045	10185+86.60	60.48 LT	1323.84	196599.12	209960.02	FLAG ELEVATION
PD3046	10185+95.29	47.61 LT	1324.26	196586.20	209968.63	FLAG ELEVATION
PD3047	10186+08.23	39.02 LT	1324.69	196577.53	209981.52	FLAG ELEVATION

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STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD3100	10220+80.94	3.00 RT	1268.78	196521.59	213453.96	EOP; END RADIUS
PD3101	10220+80.96	51.29 RT	---	196473.30	213453.80	EOP; END RADIUS; MATCH EXISTING
PD3102	10220+80.94	27.15 RT	---	196497.44	213453.86	R = 24.15'
PD3103	10221+53.19	27.11 RT	---	196497.20	213526.12	R = 24.11'
PD3104	10221+53.19	3.00 RT	1266.66	196521.31	213526.21	EOP; END RADIUS
PD3105	10221+53.22	51.22 RT	---	196473.09	213526.05	EOP; END RADIUS; MATCH EXISTING
PD3106	10221+05.05	28.38 RT	1267.22	196496.12	213477.97	FLOWLINE
PD3107	10221+29.12	28.38 RT	1266.54	196496.03	213502.04	FLOWLINE

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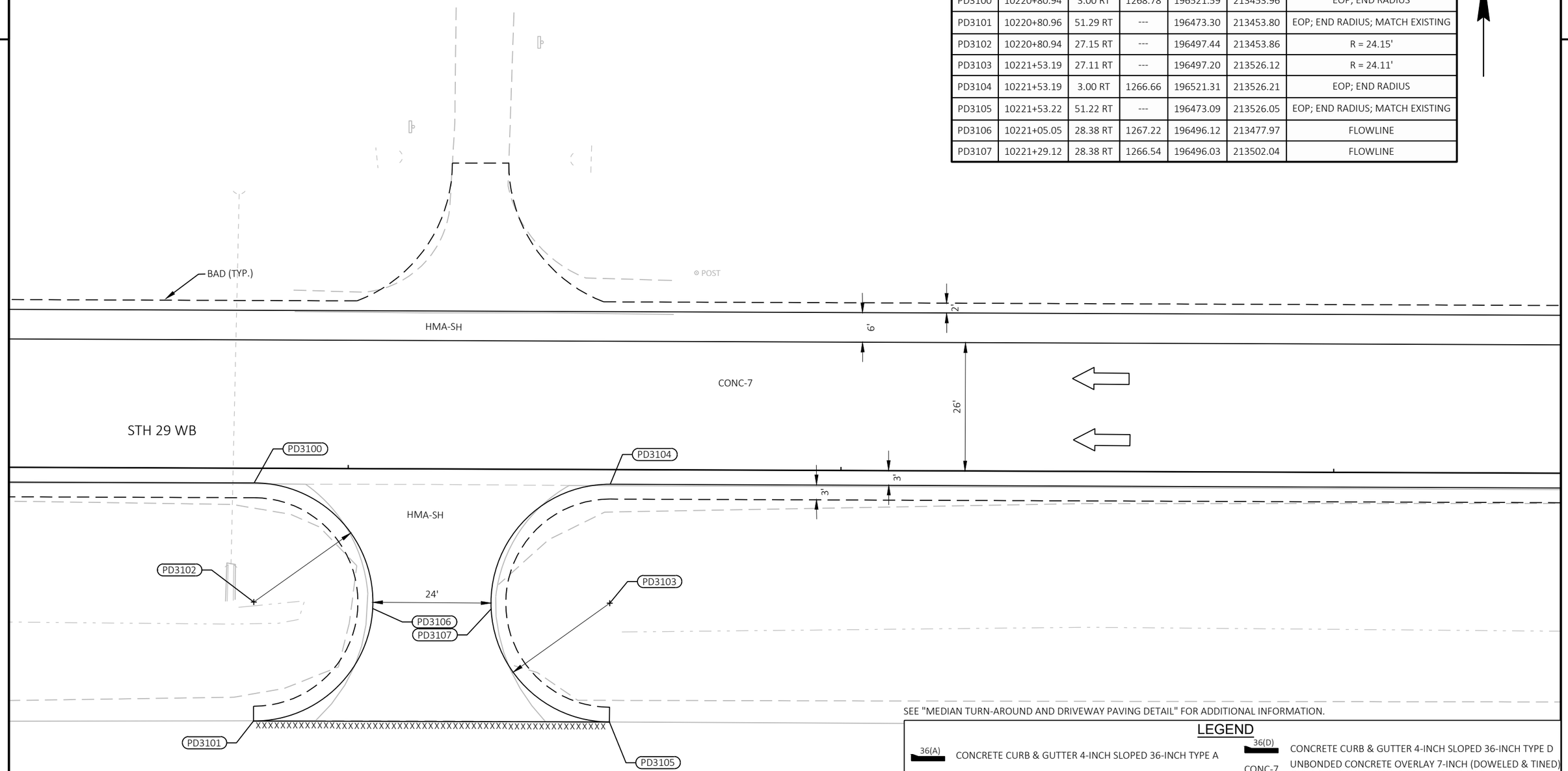


SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
⇨	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
AAAA	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		(XXX)	LAYOUT POINT NUMBER

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN DETAILS	SHEET 67	E

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	ELEV.	Y COORDS	X COORDS	REMARKS
PD3200	10238+33.91	3.00 RT	1238.38	196514.91	215206.92	EOP; END RADIUS
PD3201	10238+34.30	48.18 RT	---	196469.73	215207.13	EOP; END RADIUS; MATCH EXISTING
PD3202	10239+03.10	48.18 RT	---	196469.47	215275.94	EOP; END RADIUS; MATCH EXISTING
PD3203	10239+03.09	3.00 RT	1238.08	196514.65	215276.10	EOP; END RADIUS
PD3204	10238+33.91	25.59 RT	---	196492.32	215206.83	R = 22.59'
PD3205	10239+03.09	25.59 RT	---	196492.06	215276.01	R = 22.59'
PD3206	10238+56.45	24.05 RT	1237.70	196493.78	215229.37	FLOWLINE
PD3207	10238+80.55	24.05 RT	1237.47	196493.68	215253.48	FLOWLINE
PD3208	10238+68.50	24.05 RT	1237.59	196493.73	215241.43	FLOWLINE

N

BAD (TYP.)

HMA-SH

2'

6'

CONC-7

26'

STH 29 WB

PD3200

PD3203

10240WB

3'

3'

HMA-SH

PD3207

PD3206

PD3208

PD3204

24'

PD3205

PD3201

PD3202

STH 29 EB

SEE "MEDIAN TURN-AROUND AND DRIVEWAY PAVING DETAIL" FOR ADDITIONAL INFORMATION.

LEGEND

36(A)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A	36(D)	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BAD	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS)	CONC-7	UNBONDED CONCRETE OVERLAY 7-INCH (DOWELED & TINED) OVER 1-INCH HMA PAVEMENT 5 MT 58-28 S
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CONC-8	HP CONCRETE PAVEMENT 8-INCH (DOWELED & TINED)
	TRAFFIC FLOW	CONC-10	HP CONCRETE PAVEMENT 10-INCH (DOWELED & TINED)
XXXX	SAWING CONCRETE REQ'D	HMA-SR	HMA PAVEMENT (SIDEROAD)
XXXX	SAWING ASPHALT REQ'D	HMA-SH	HMA PAVEMENT (SHOULDERS)
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION		XXX	LAYOUT POINT NUMBER

2

2

N

STH 29 WB EXIT RAMP (RAMP C)

9748WB 9750WB 9752WB 9754WB STH 29 WB 9756WB 9758WB 9760WB 9762WB

STH 29 EB

STH 29 EB ENTRANCE RAMP (RAMP B)

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

10048WB 10050WB 10052WB 10054WB STH 29 WB 10056WB 10058WB 10060WB 10062WB

STH 29 EB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL - TEMPORARY RAMPS	SHEET 69	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022001-EC.DWG
LAYOUT NAME - 022001-ec

PLOT DATE : 6/26/2025 12:15 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

9690WB 9692WB 9694WB 9696WB 9698WB 9700WB 9702WB 9704WB

STH 29 WB

STH 29 EB

MATCH LINE 9705+00

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

MATCH LINE 9705+00

9706WB 9708WB 9710WB 9712WB 9714WB 9716WB 9718WB 9720

STH 29 WB

STH 29 EB

POST POST POST POST

GUY GUY

HO HO HO

MATCH LINE 9720+00

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 70	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022101-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 9720+00

MATCH LINE 9735+00

STH 29 WB

STH 29 EB

STH 29 WB ENTRANCE RAMP (RAMP D)

STH 29 EB EXIT RAMP (RAMP A)

STH 29 WB EXIT RAMP (RAMP C)

STH 29 EB ENTRANCE RAMP (RAMP B)

STH 97

MATCH LINE 9735+00

MATCH LINE 9750+00

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 71	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022102-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

BROD CREEK

BROD CREEK

MATCH LINE 9750+00

MATCH LINE 9765+00

9752WB 9754WB 9756WB 9758WB 9760WB 9762WB 9764WB

STH 29 WB

STH 29 EB

N

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

PIONEER RD

PIONEER DR

MATCH LINE 9765+00

MATCH LINE 9780+00

9766WB 9768WB 9770WB 9772WB 9774WB 9776WB 9778WB

STH 29 WB

STH 29 EB

N

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 72	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022103-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

MATCH LINE 9780+00

MATCH LINE 9795+00

9782WB

9784WB

9786WB

STH 29 WB

9788WB

9790WB

9792WB

9794WB

STH 29 EB

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

MATCH LINE 9795+00

MATCH LINE 9810+00

FENWOOD CREEK

9796WB

9798WB

STH 29 WB

9800WB

9802WB

9804WB

9806WB

9808WB

STH 29 EB

FENWOOD CREEK

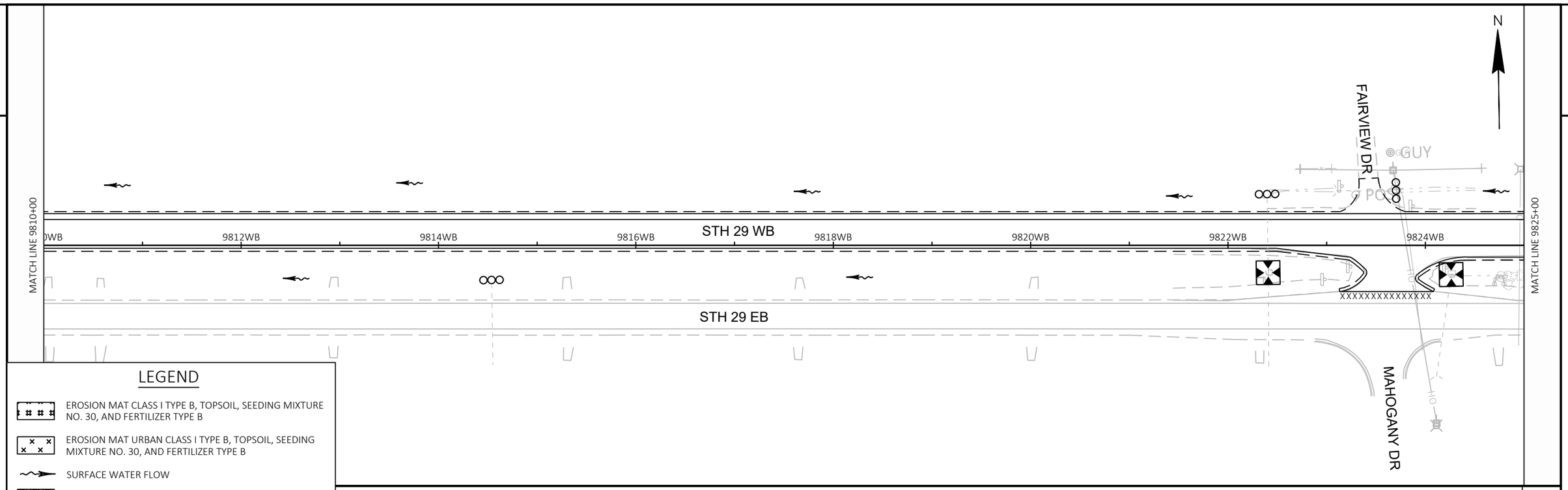
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 73	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022104-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

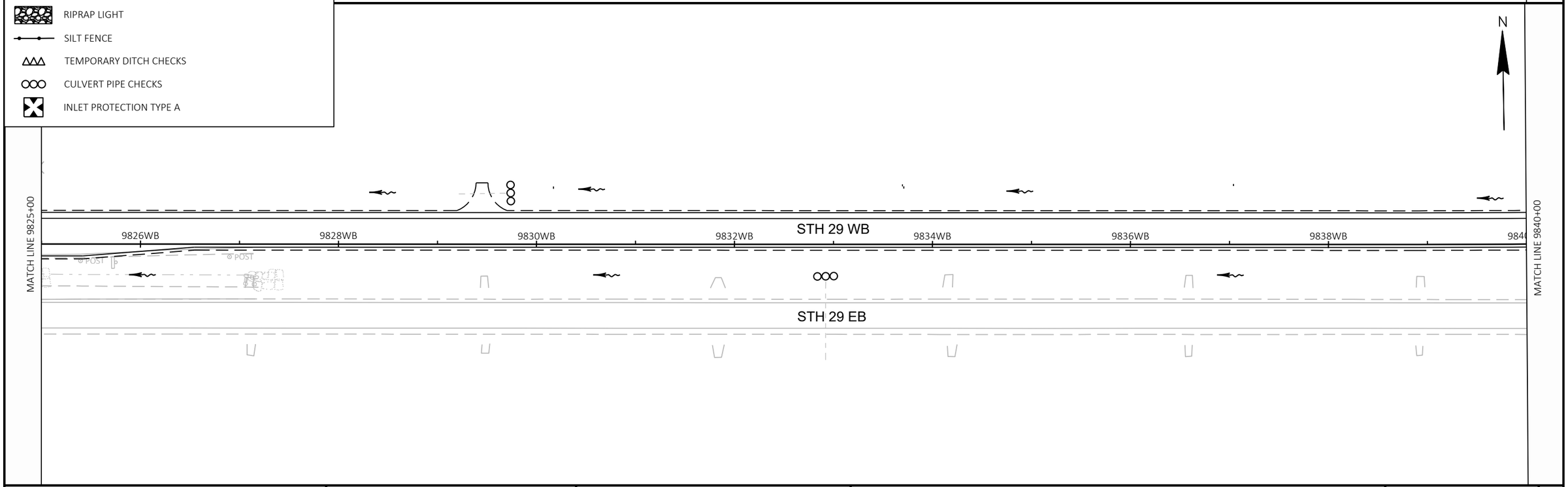
WISDOT/CADDS SHEET 44

2



LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 74	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022105-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

MATCH LINE 9840+00

MATCH LINE 9855+00

9842WB 9844WB 9846WB 9848WB STH 29 WB 9850WB 9852WB 9854WB

STH 29 EB

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

MATCH LINE 9855+00

MATCH LINE 9870+00

9856WB 9858WB 9860WB 9862WB 9864WB STH 29 WB 9866WB 9868WB

STH 29 EB

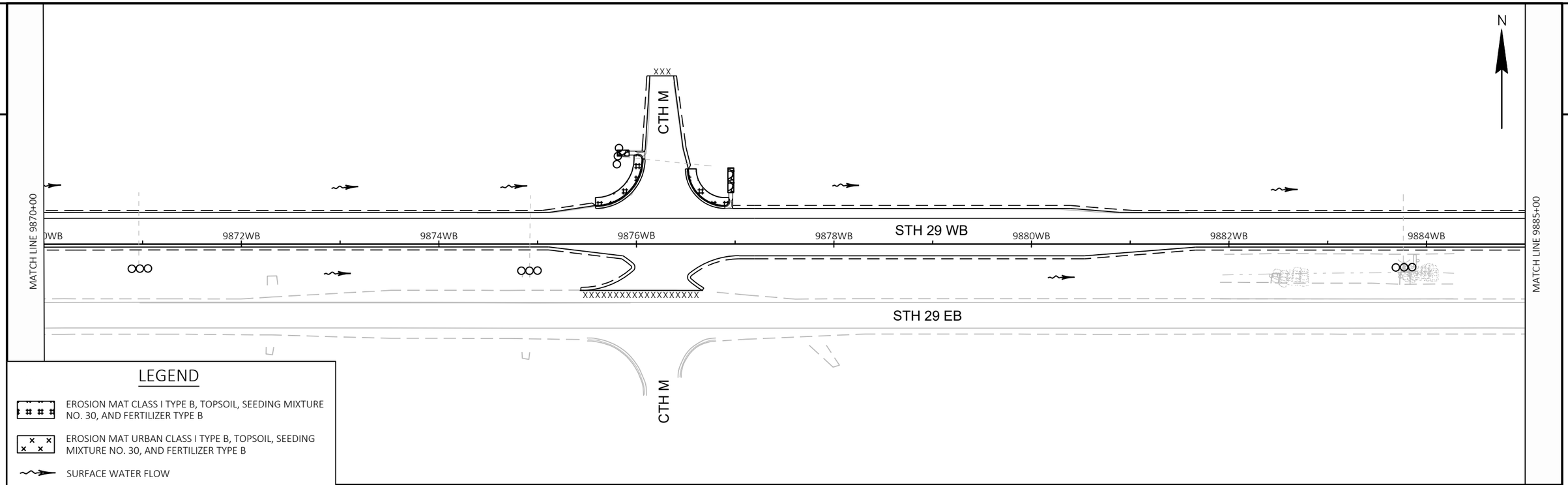
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 75	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022106-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

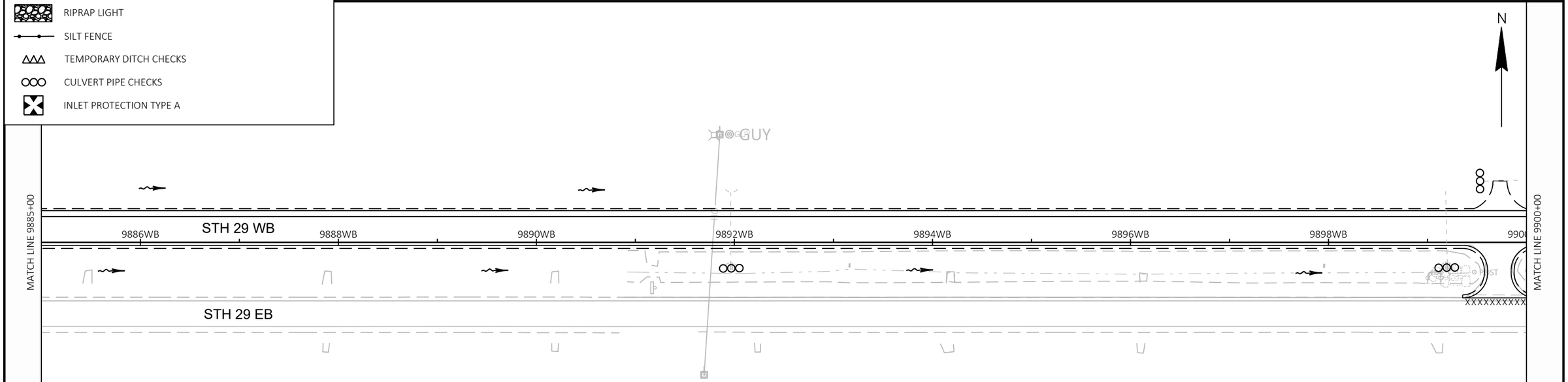
WISDOT/CADDS SHEET 44

2

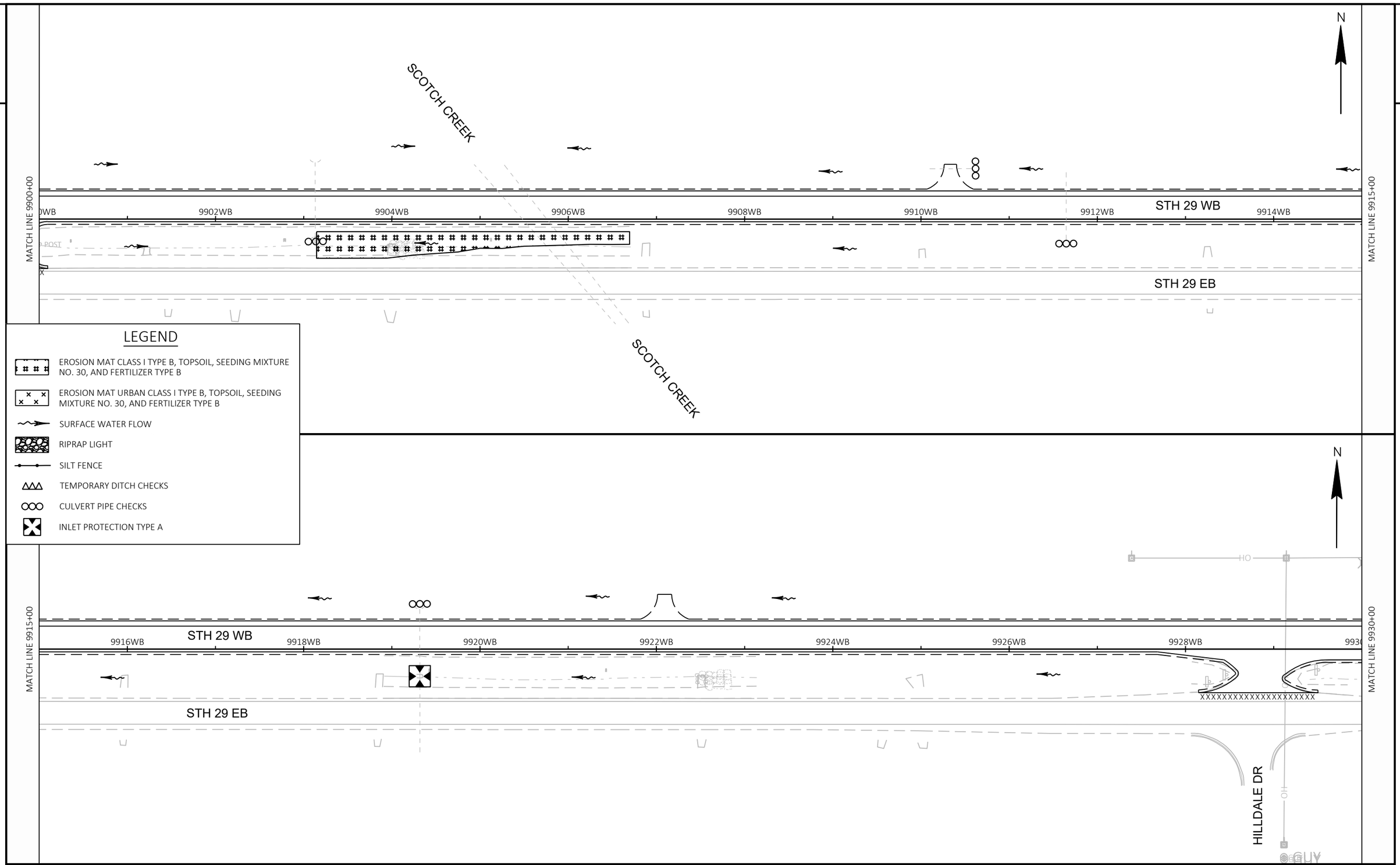


LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A



2



LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

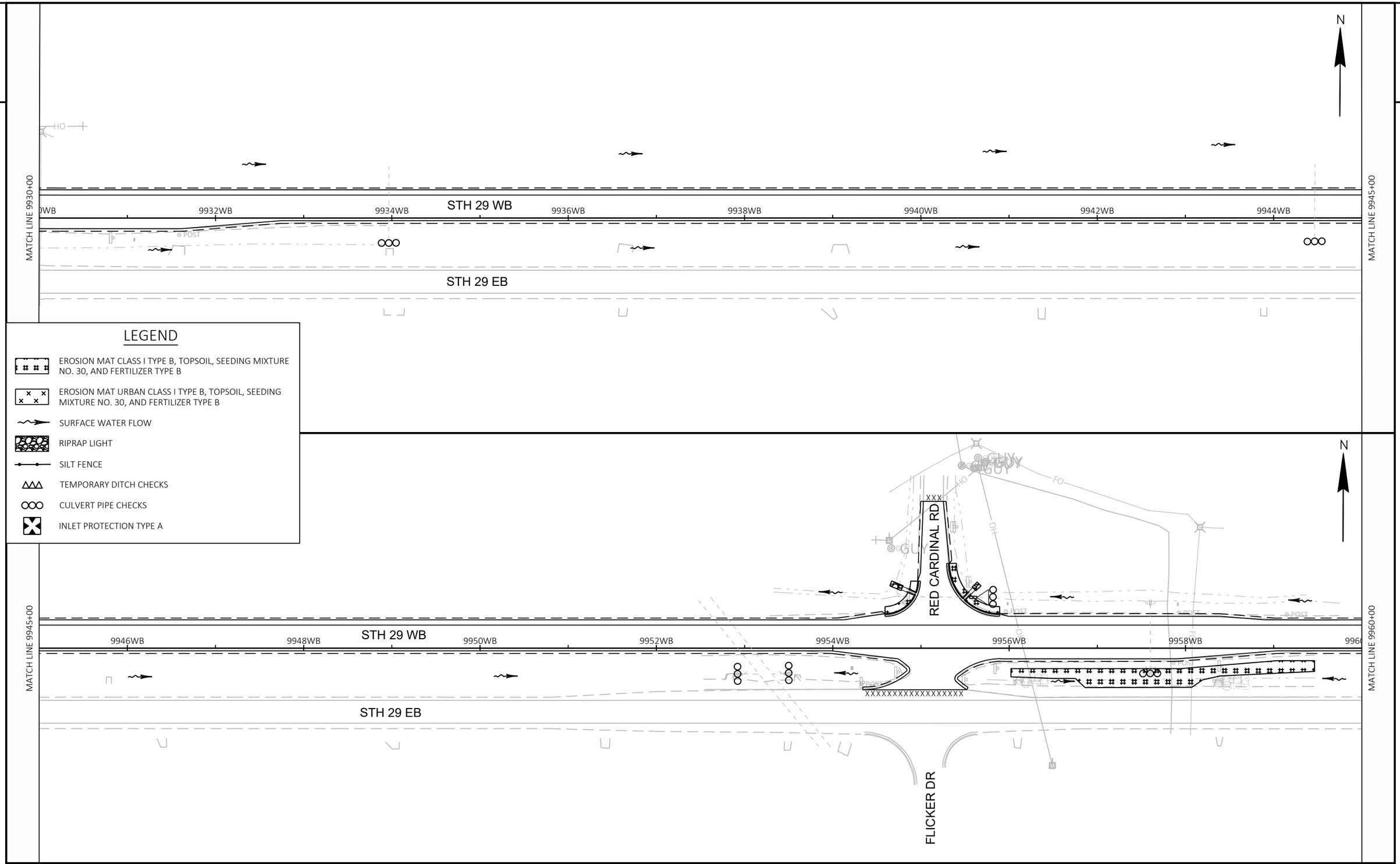
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 77	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022108-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 78	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022109-ec
PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

N

MATCH LINE 9960+00

9962WB

STH 29 WB

9964WB

9966WB

9968WB

9970WB

9972WB

9974WB

STH 29 EB

MATCH LINE 9975+00

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

MATCH LINE 9975+00

9976WB

STH 29 WB

9978WB

9980WB

9982WB

9984WB

9986WB

9988WB

9990

STH 29 EB

MATCH LINE 9990+00

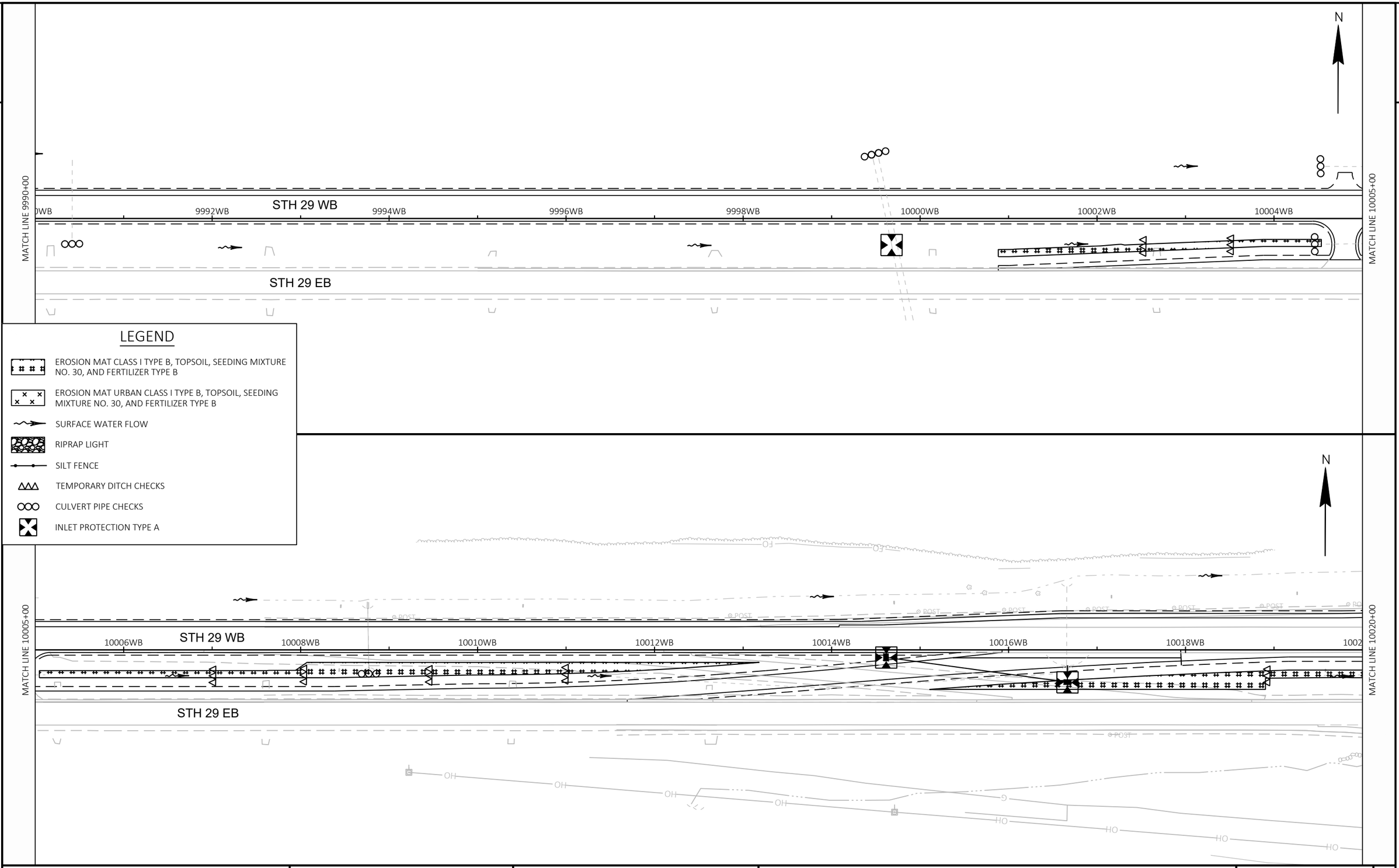
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 79	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022110-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



2

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 80	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022111-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 10020+00

MATCH LINE 10035+00

STH 29 WB

STH 29 EB

STH 29 WB ENTRANCE RAMP (RAMP H)

STH 29 EB EXIT RAMP (RAMP E)

STH 29 WB EXIT RAMP (RAMP G)

STH 29 EB ENTRANCE RAMP (RAMP F)

CTH H

2012+00

2011+00

2010+00

2009+00

2008+00

10020WB 10022WB 10024WB 10026WB 10028WB 10030WB 10032WB 10034WB

10024 H 10026 H 10028 H 10030 H 10032 H 10034 G 10034 E

10024 E 10026 E 10028 E 10030 E 10032 E

10036WB 10038WB 10040WB 10042WB 10044WB 10046WB 10048WB 1005

10038 G 10040 G 10042 G 10044 G

10036 F 10038 F 10040 F 10042 F 10044 F

N

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

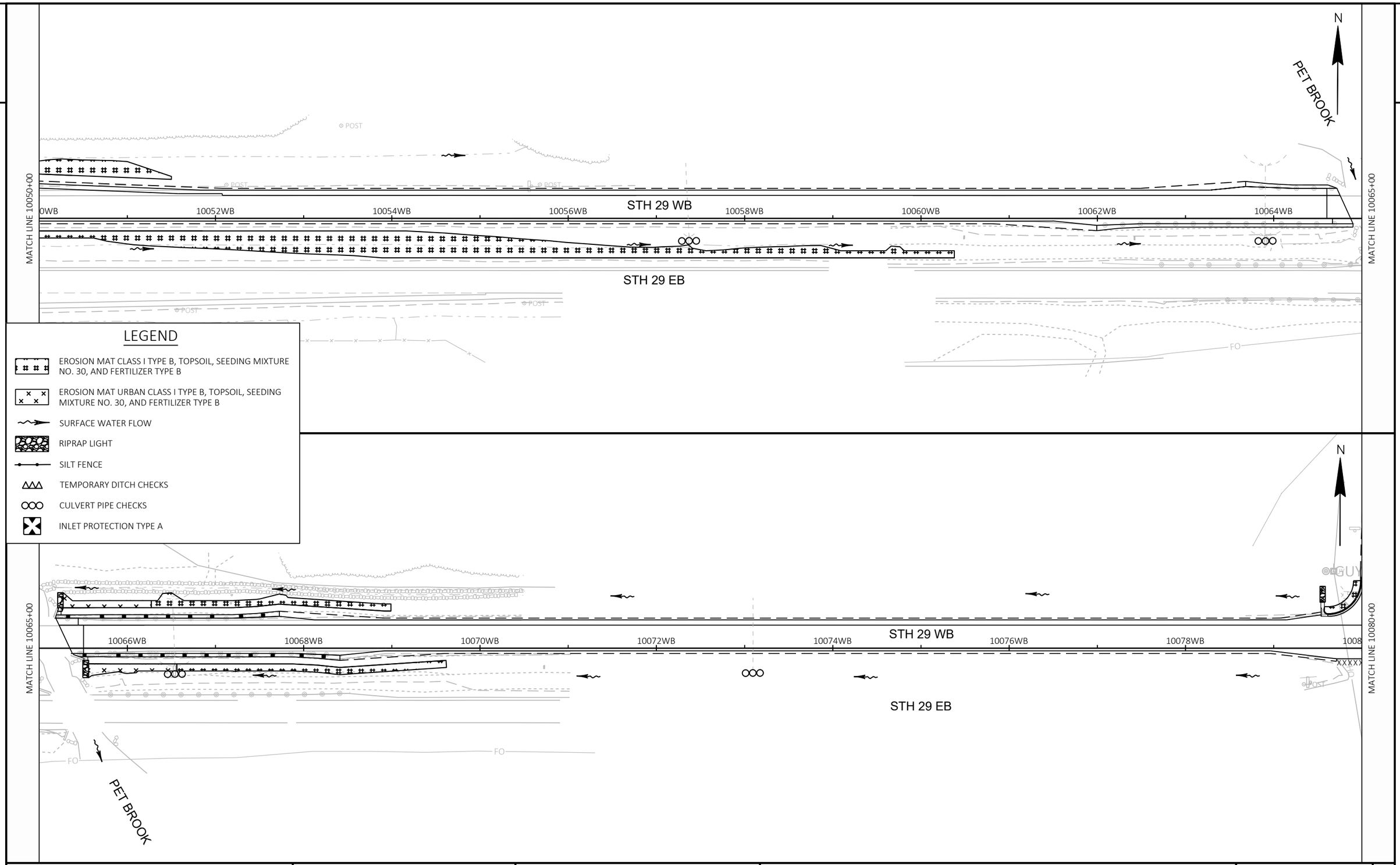
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 81	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022112-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

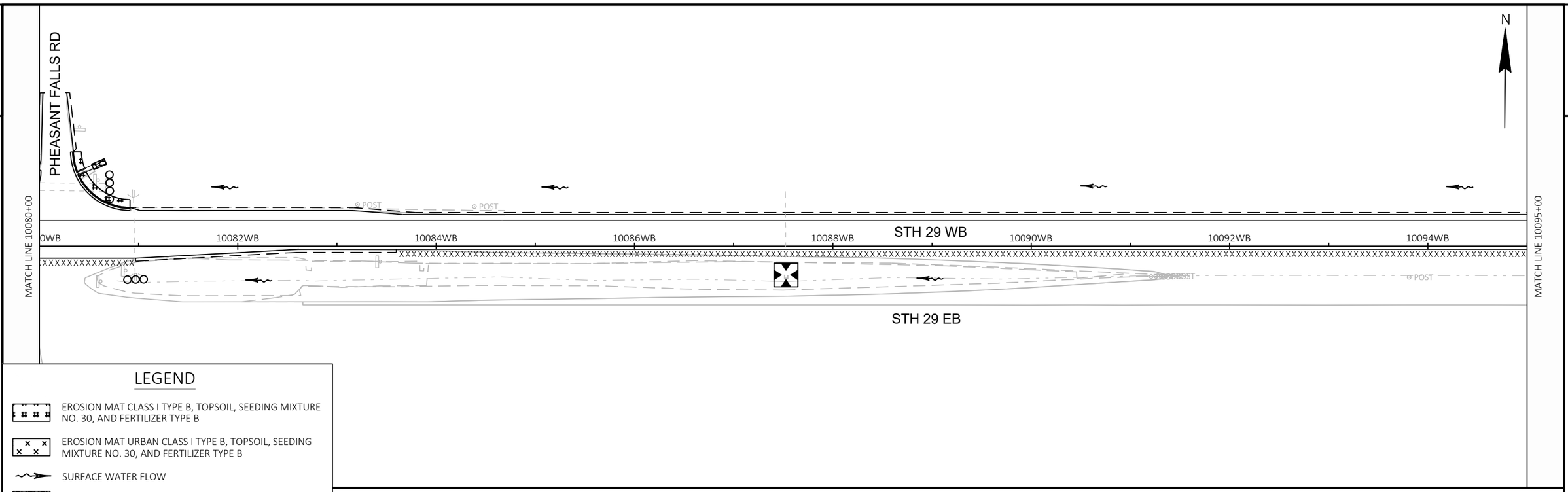
WISDOT/CADDS SHEET 44

2



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 82	E

2

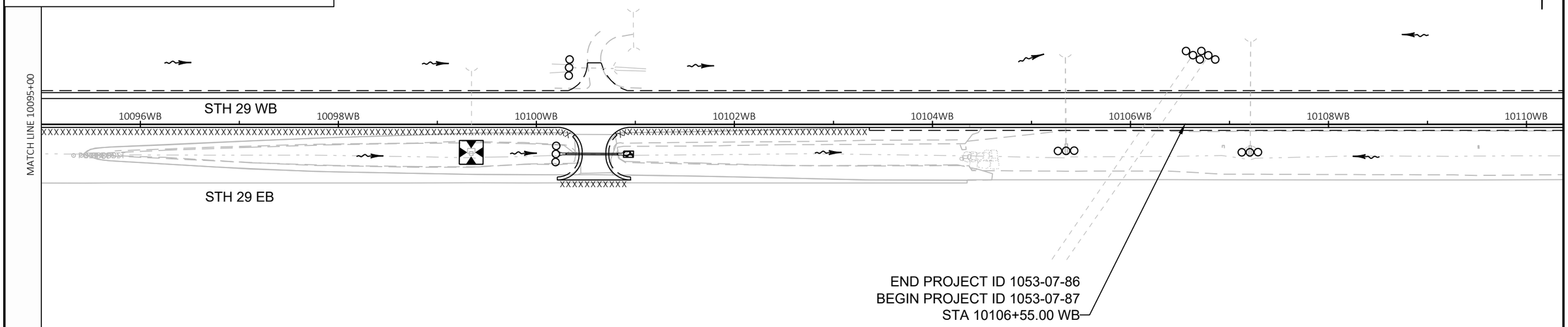


2

LEGEND

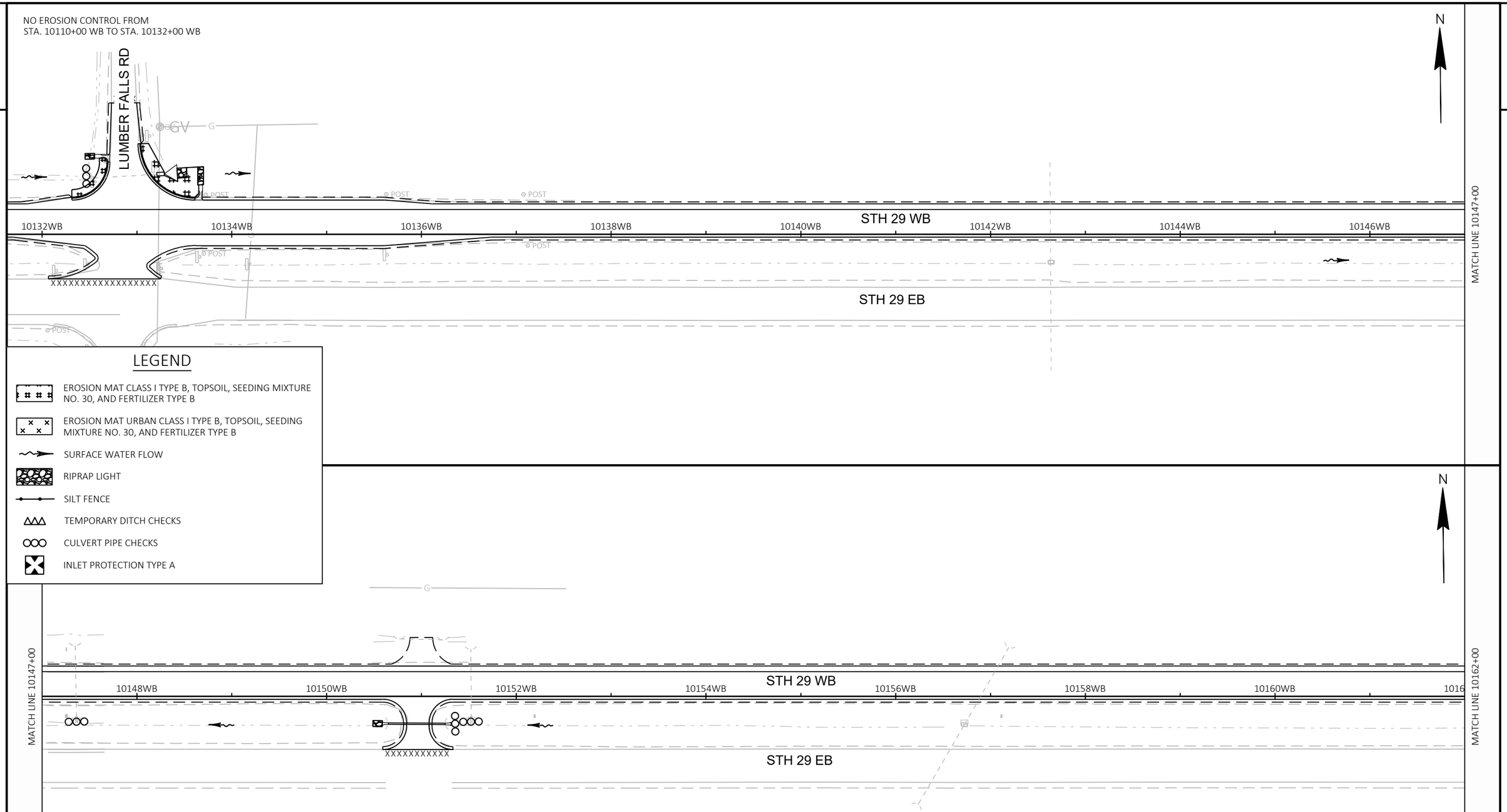
- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

NO EROSION CONTROL FROM
STA. 10110+00 WB TO STA. 10132+00 WB



PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 83	E

NO EROSION CONTROL FROM
STA. 10110+00 WB TO STA. 10132+00 WB



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 84	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022115-ec
PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

MATCH LINE 10162+00

MATCH LINE 10177+00

2WB 10164WB 10166WB STH 29 WB 10168WB 10170WB 10172WB 10174WB 10176WB

STH 29 EB

XXXXXXXXXX

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

NO EROSION CONTROL FROM
STA. 10192+00 WB TO STA. 10236+00 WB

N

MATCH LINE 10177+00

10178WB STH 29 WB 10180WB 10182WB 10184WB 10186WB 10188WB 10190WB 10192WB

STH 29 EB

XXXXXXXXXXXXXXXXXXXX

CTH S

CTH S

GUY GUY GUY

SIGN SIGN

POST HO

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 85	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022116-ec

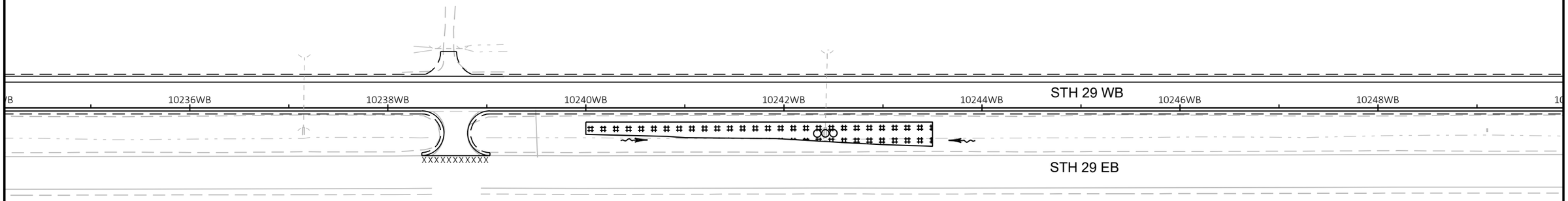
PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

NO EROSION CONTROL FROM
STA. 10192+00 WB TO STA. 10236+00 WB

NO EROSION CONTROL FROM
STA. 10248+00 WB TO STA. 10262+00 WB

N



LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 86	E

NO EROSION CONTROL FROM
STA. 10248+00 WB TO STA. 10262+00 WB

2

2

N

10262WB 10264WB 10266WB 10268WB 10270WB 10272WB 10274WB 1027

STH 29 WB

STH 29 EB

POST POST

PURPLE MARTIN LANE

MATCH LINE 10276+00

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

MARBLE FALLS RD

MATCH LINE 10276+00

6WB 10278WB 10280WB 10282WB 10284WB 10286WB 10288WB 10290WB

STH 29 WB

STH 29 EB

POST POST POST

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL	SHEET 87	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022101-EC.DWG
LAYOUT NAME - 022118-ec

PLOT DATE : 6/26/2025 12:16 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STH 29 EB EXIT RAMP (RAMP A)

9734 A

1009+00 1010+00 1011+00 1012+00 1013+00 1014+00 1015+00 1016+00 1017+00 1018+00 1019+00 1020+00 1021+00 1022+00 1023+00 1024

STH 97

MATCH LINE 1024+00

9736 B

STH 29 EB ENTRANCE RAMP (RAMP B)

2

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

N

STH 29 WB ENTRANCE RAMP (RAMP D)

9734 D

MATCH LINE 1024+00

1025+00 1026+00 1027+00 1028+00 1029+00 1030+00 1031+00 1032+00 1033+00 1034+00 1035+00 1036+00 1037+00 1038+00

STH 97

9736 WB

9736 C

STH 29 WB EXIT RAMP (RAMP C)

STH 29 EB

STH 29 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL - STH 97	SHEET 88	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022201-EC.DWG
LAYOUT NAME - 022201-ec

PLOT DATE : 6/26/2025 12:17 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

STH 29 EB EXIT RAMP (RAMP E)

STH 29 WB ENTRANCE RAMP (RAMP H)

STH 29 EB ENTRANCE RAMP (RAMP F)

STH 29 WB EXIT RAMP (RAMP G)

STH 29 EB

STH 29 WB

CTH H

2003+00 2004+00 2005+00 2006+00 2007+00 2008+00 2009+00 2010+00 2011+00 2012+00 2013+00 2014+00 2015+00 2016+00 2017+00

10030WB 10030 H 10030 E 10032 E 10032 H 10032WB 10034 E 10034WB 10034 H 10036 E 10036WB 10036 G 10038 E 10038WB 10038 G

LEGEND

- EROSION MAT CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- EROSION MAT URBAN CLASS I TYPE B, TOPSOIL, SEEDING MIXTURE NO. 30, AND FERTILIZER TYPE B
- SURFACE WATER FLOW
- RIPRAP LIGHT
- SILT FENCE
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A

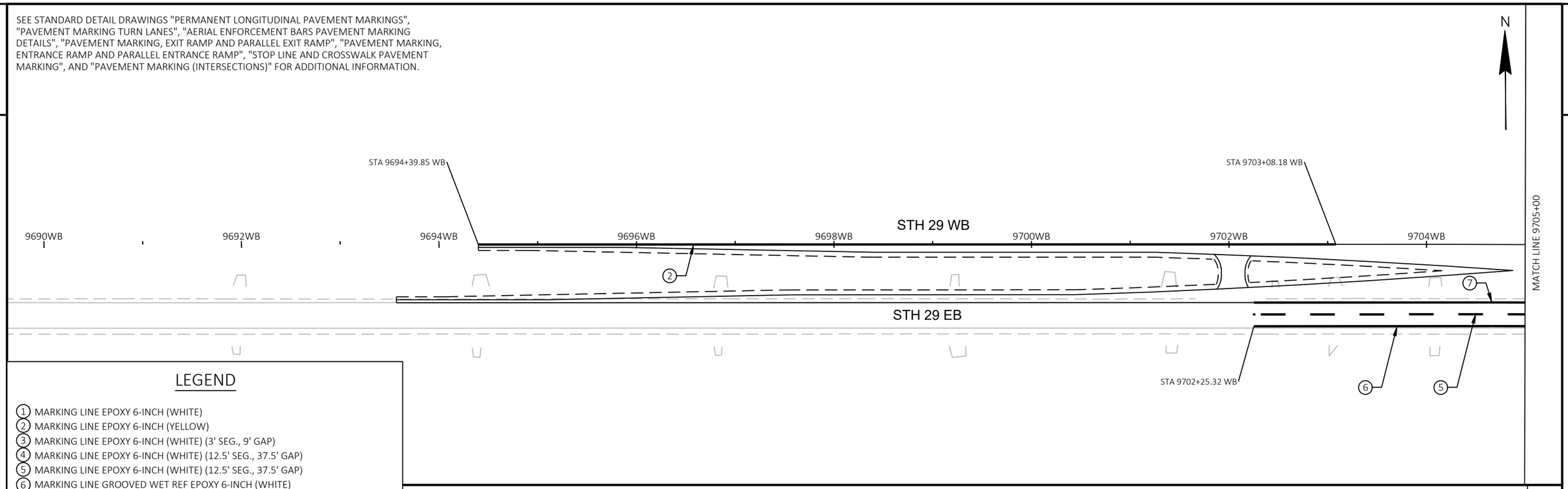
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	EROSION CONTROL - CTH H	SHEET 89	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\022201-EC.DWG
LAYOUT NAME - 022202-ec

PLOT DATE : 6/26/2025 12:17 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

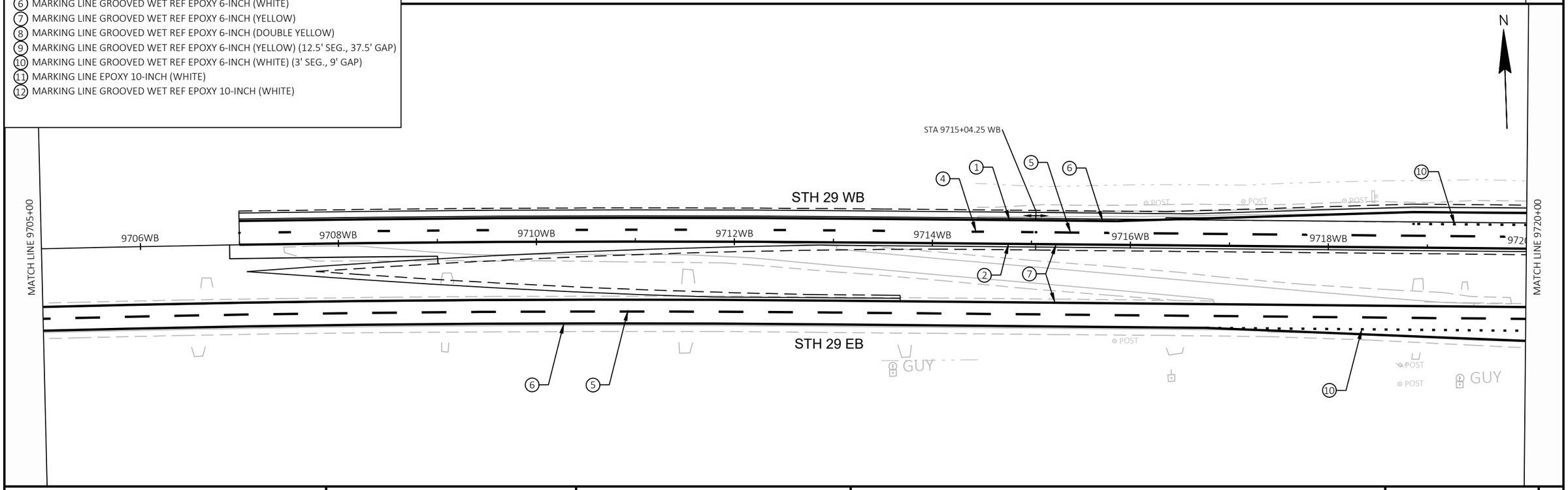
WISDOT/CADDS SHEET 42

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

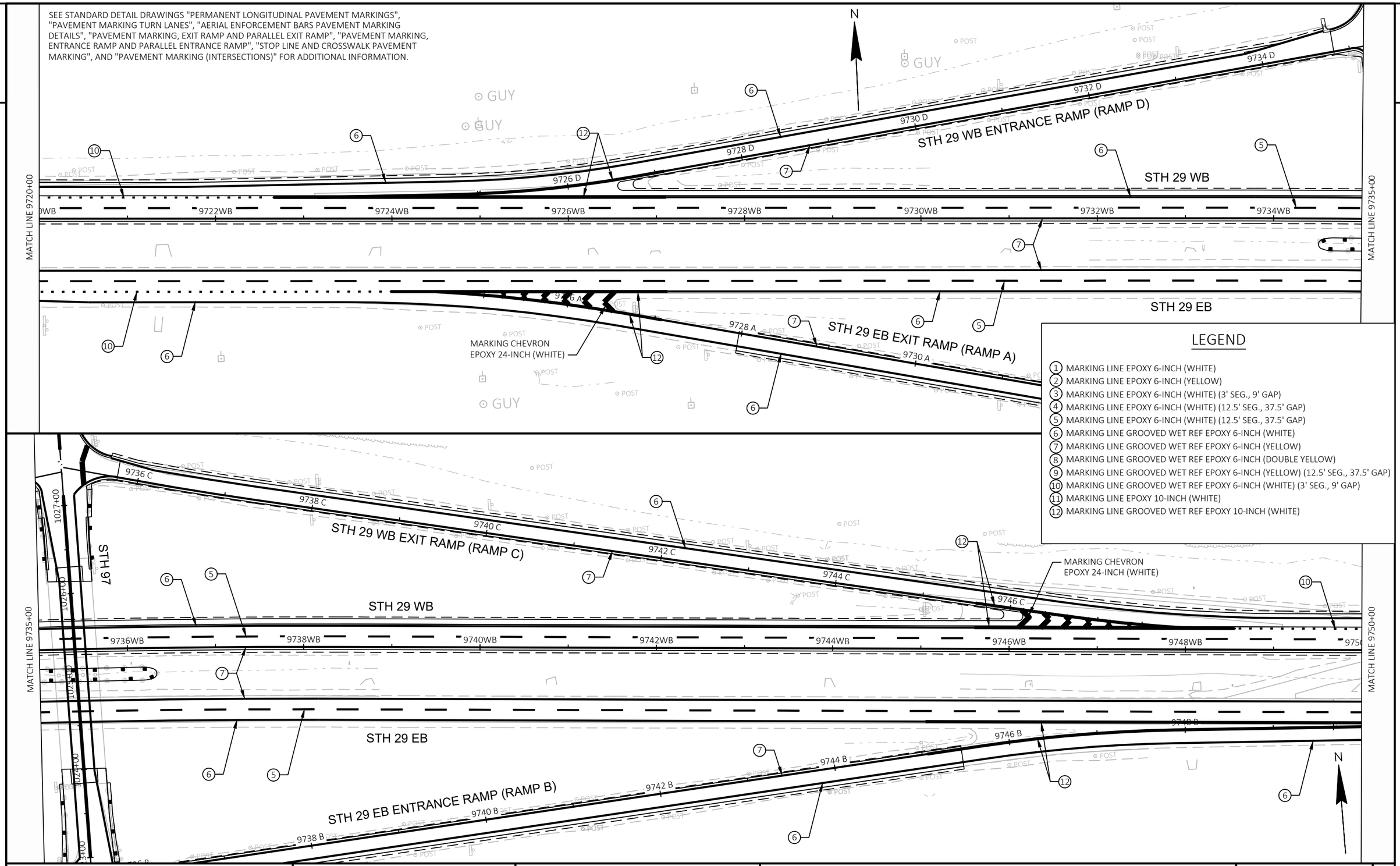
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 90	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024501-pm
PLOT DATE : 9/3/2025 12:54 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.

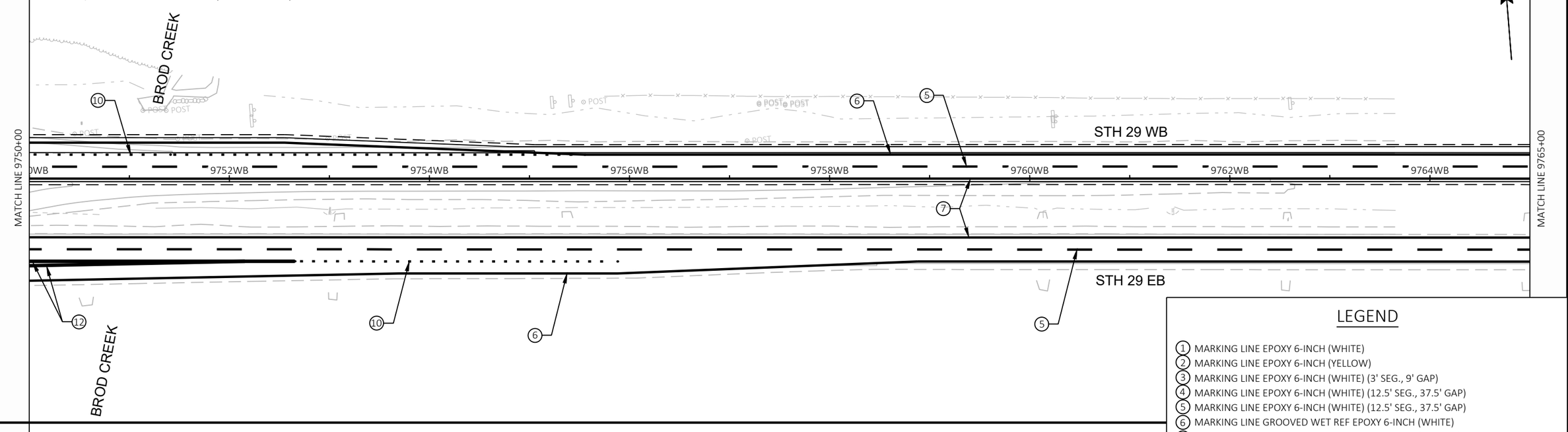


LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

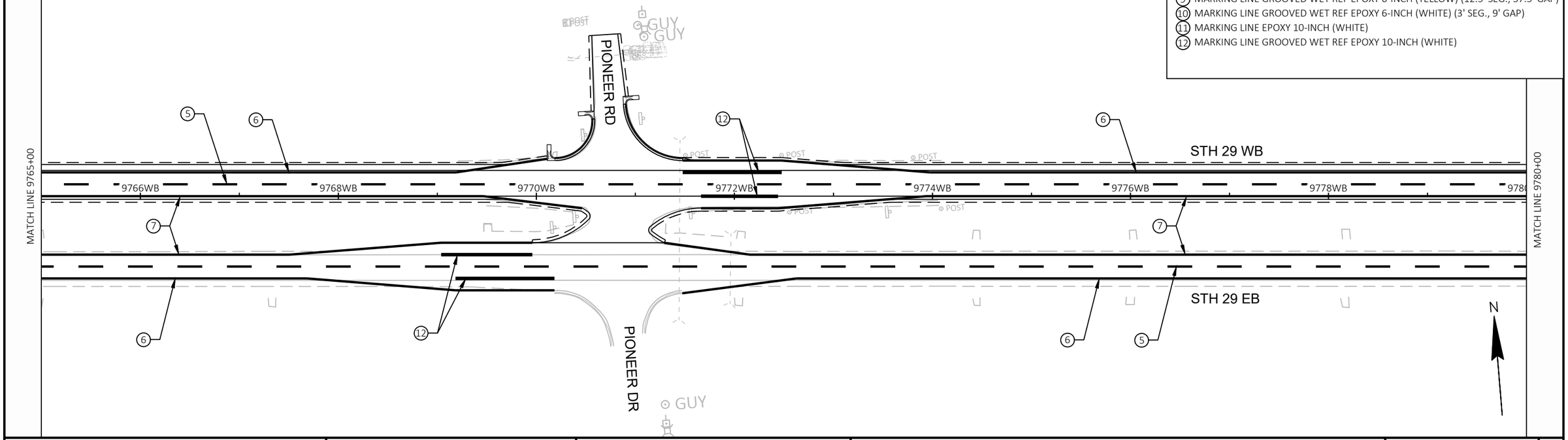
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 91	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

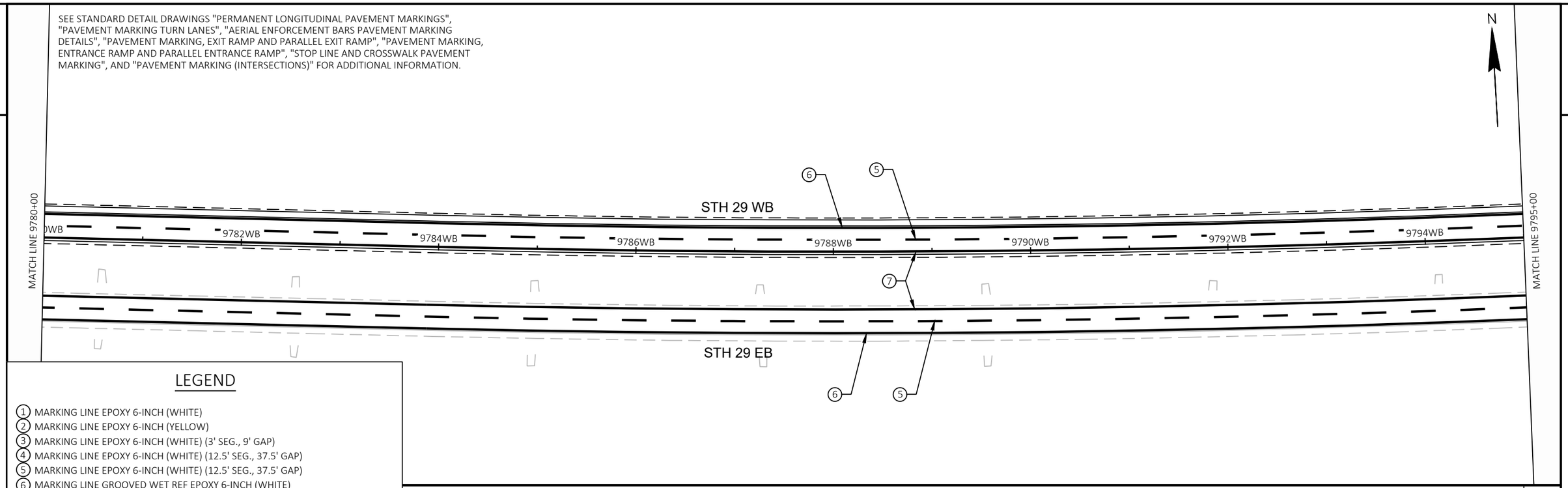
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 92	E

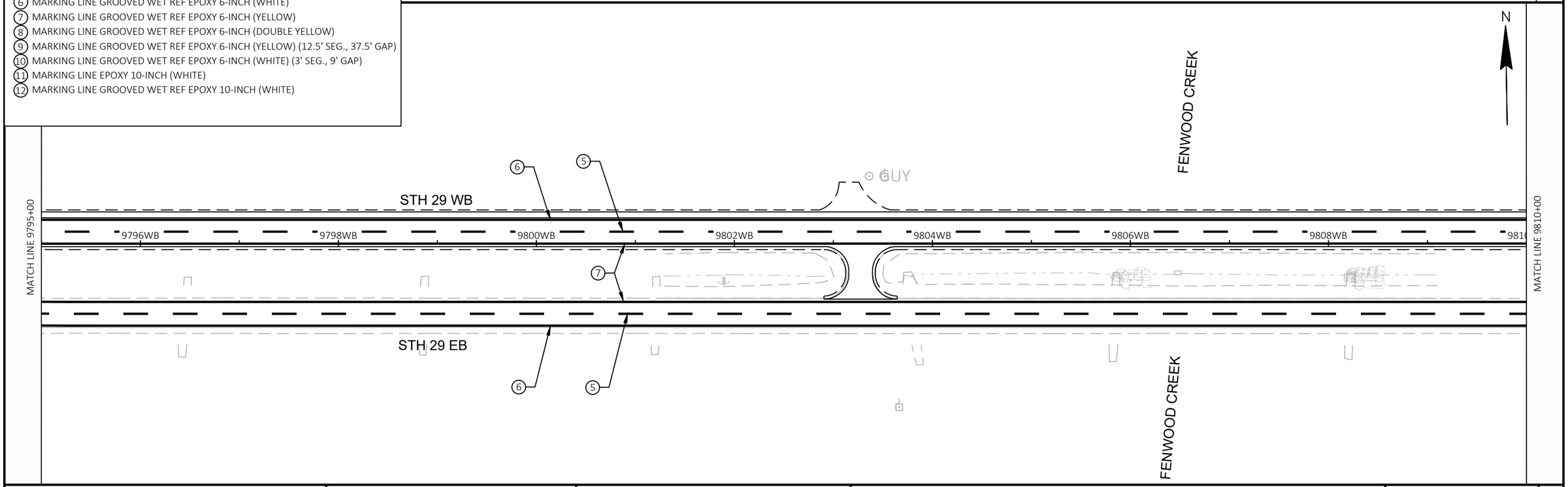
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024503-pm
PLOT DATE : 9/3/2025 12:54 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



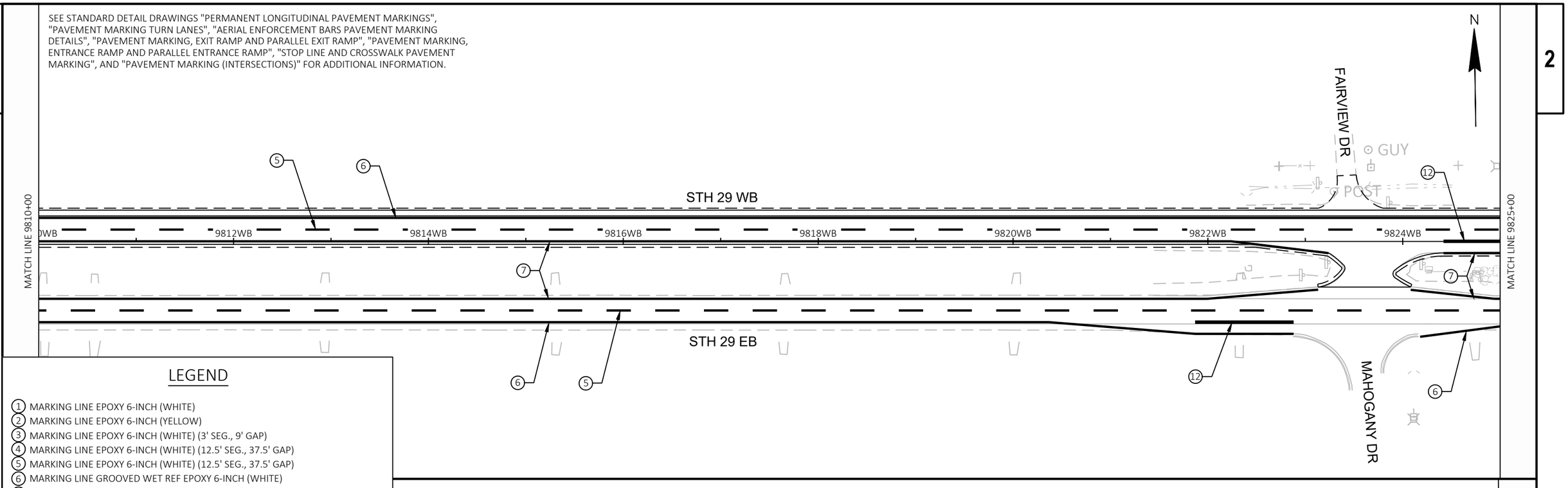
LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



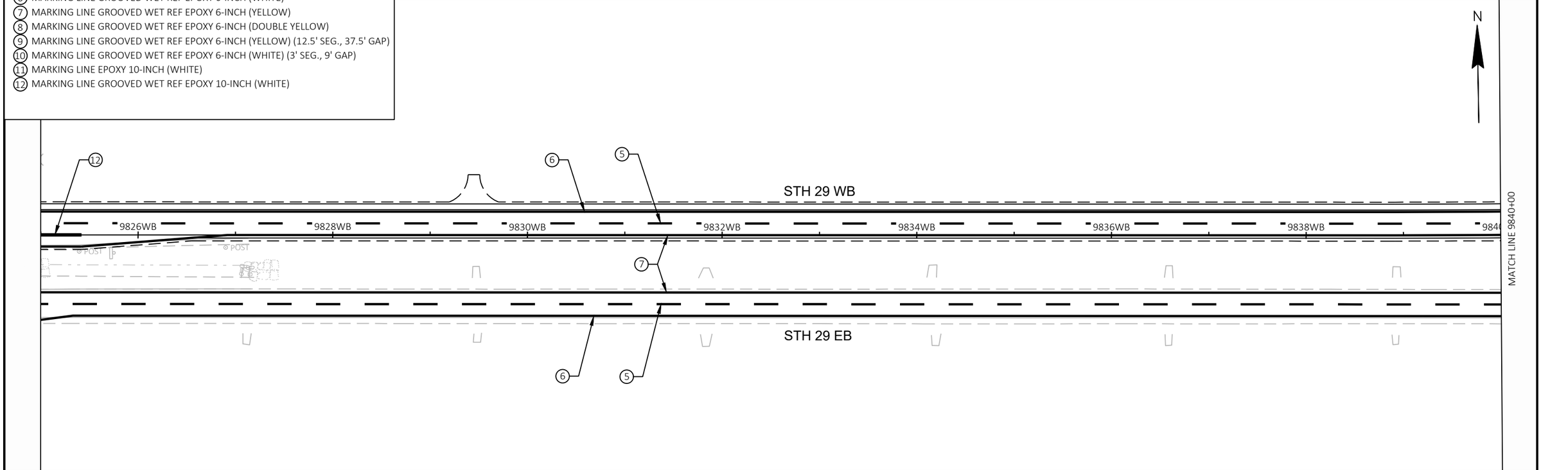
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 93	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

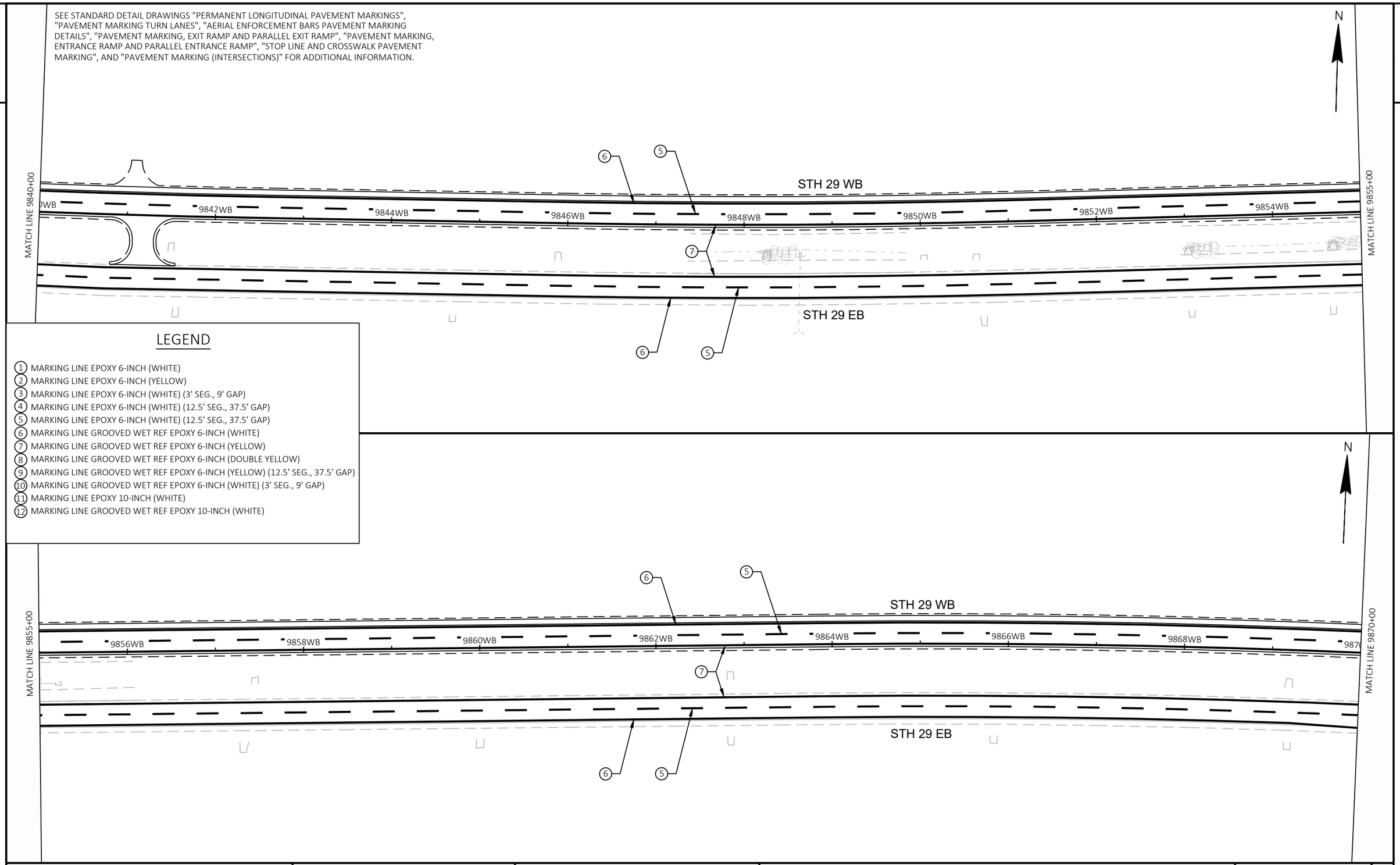
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 94	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024505-pm
PLOT DATE : 9/3/2025 12:54 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



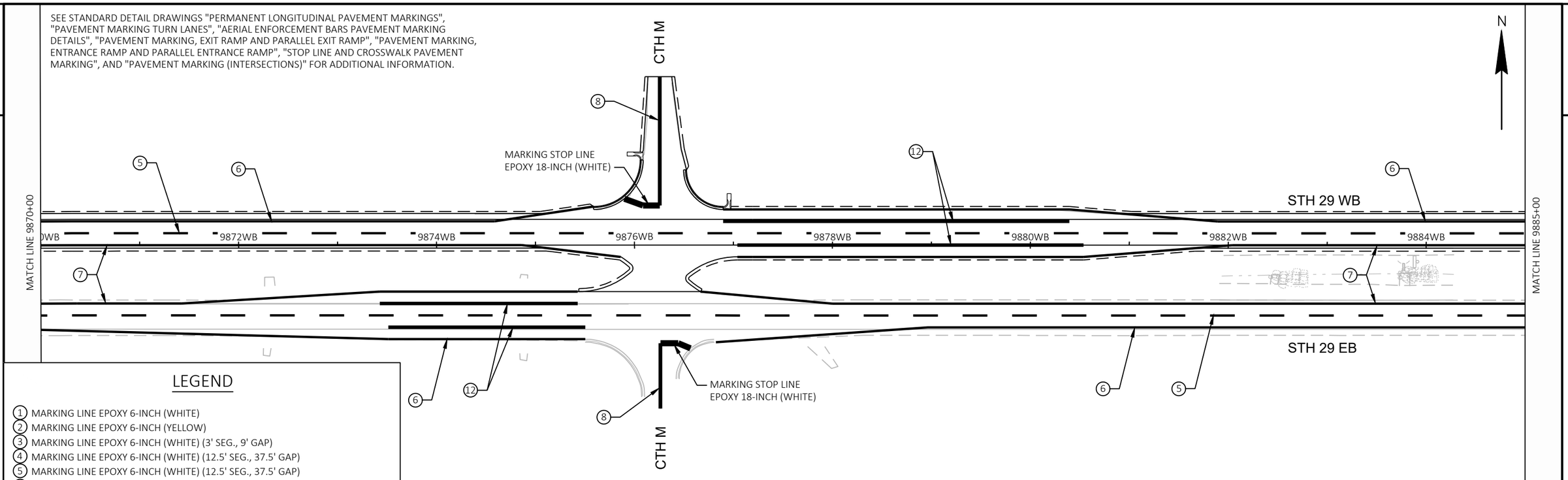
LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 95	E

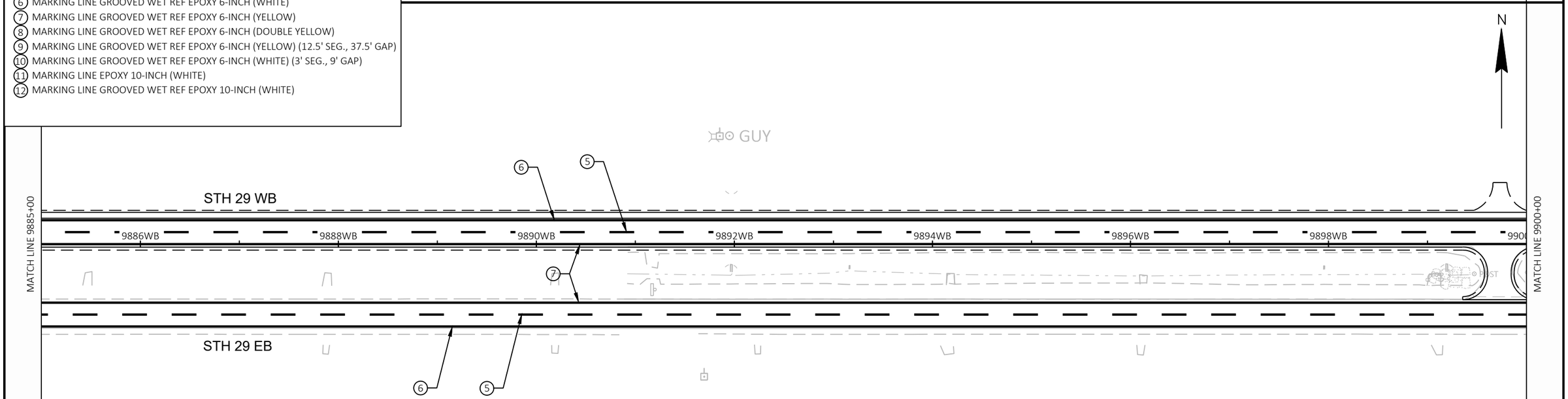
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024506-pm
PLOT DATE : 9/3/2025 12:54 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

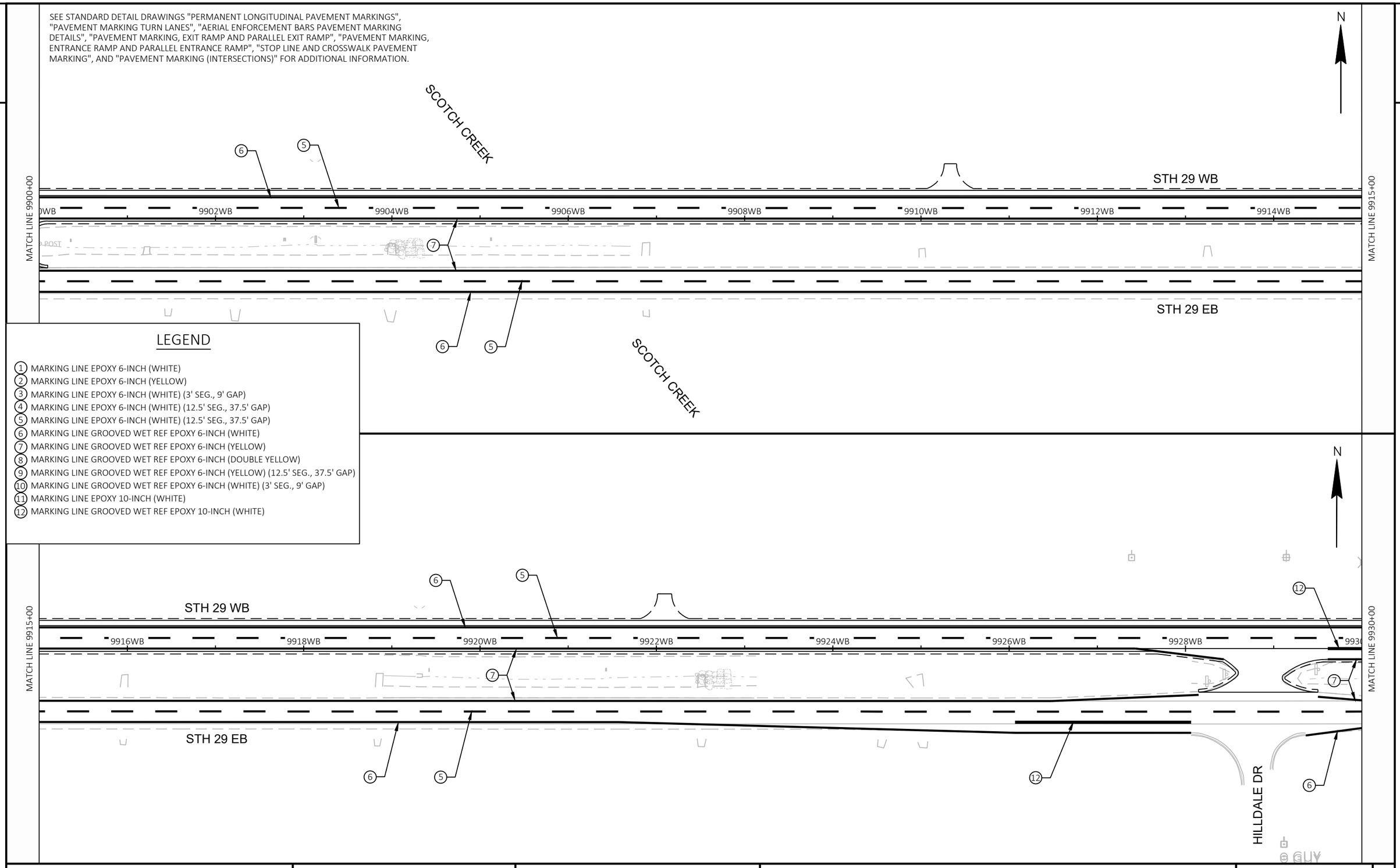


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 96	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.

LEGEND

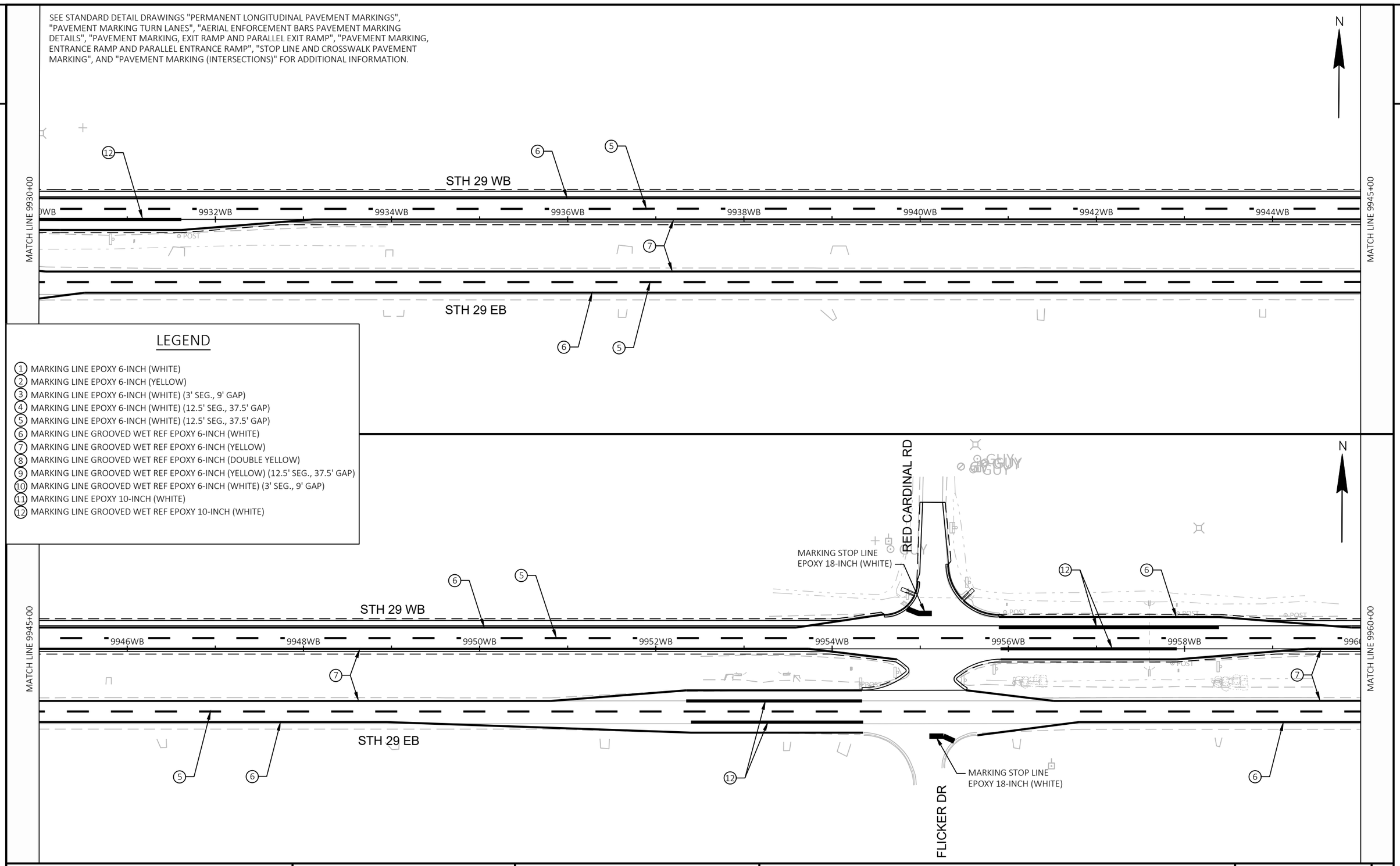
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 97	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024508-pm
PLOT DATE : 9/3/2025 12:54 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.

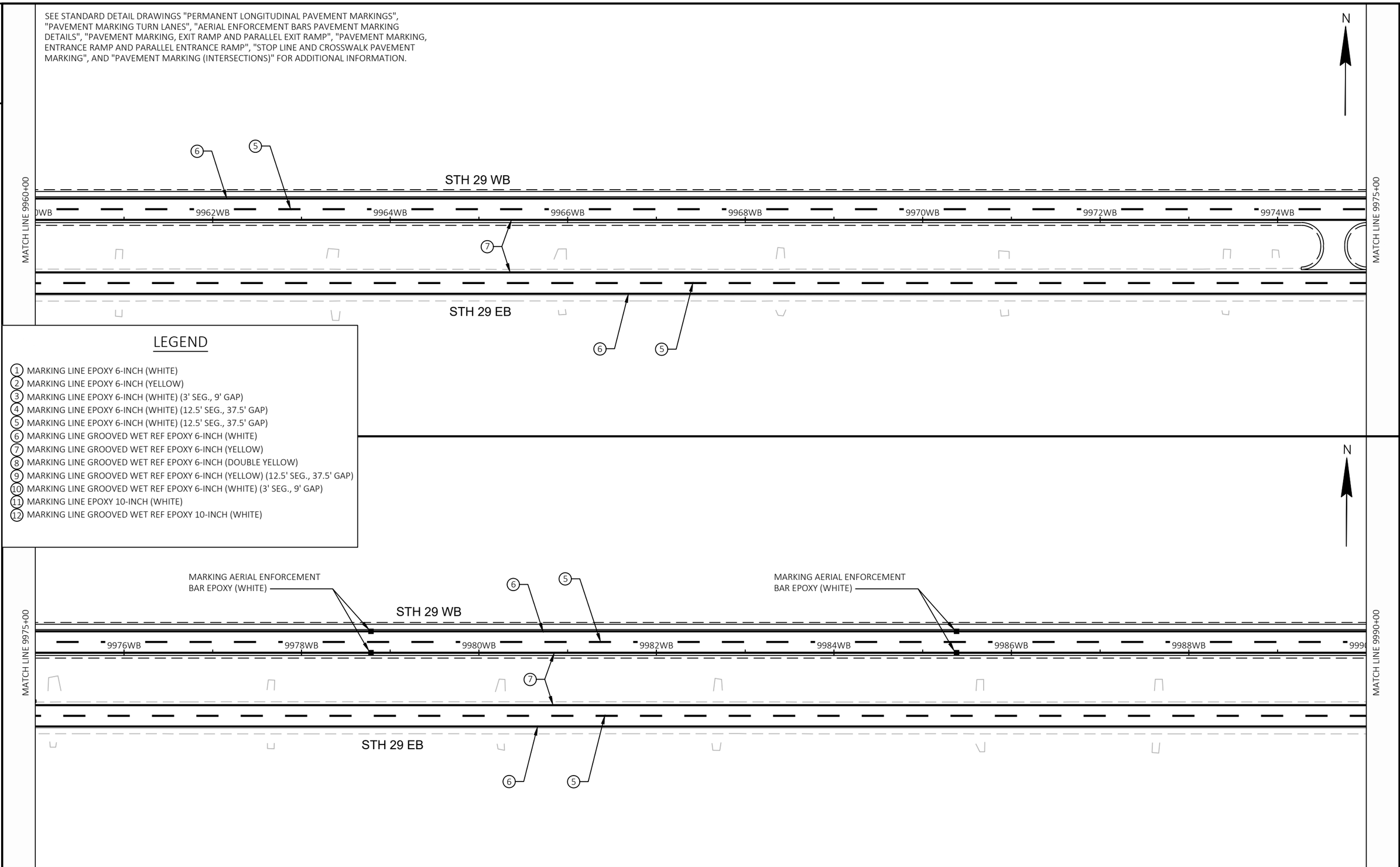


LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 98	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.

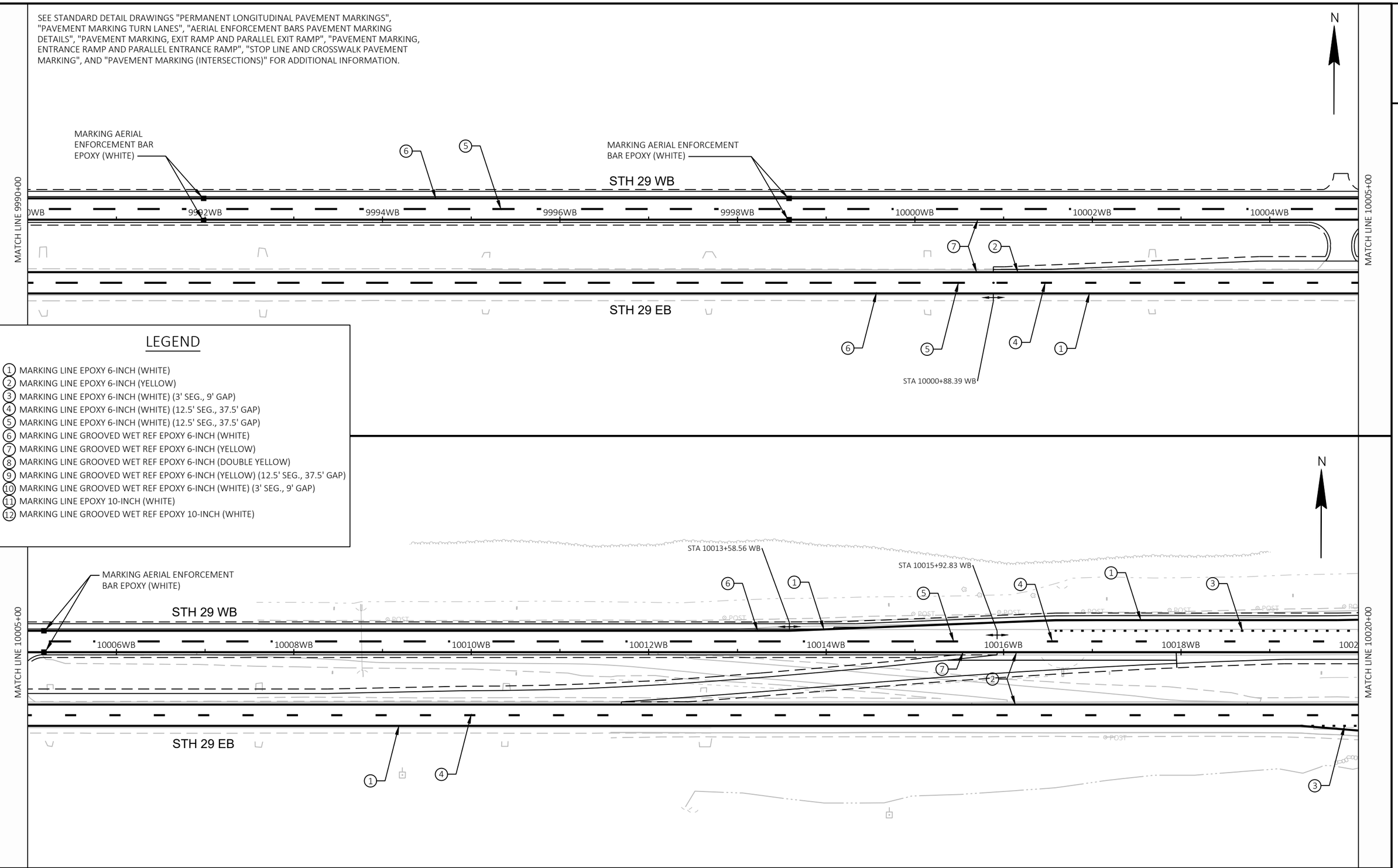


LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 99	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

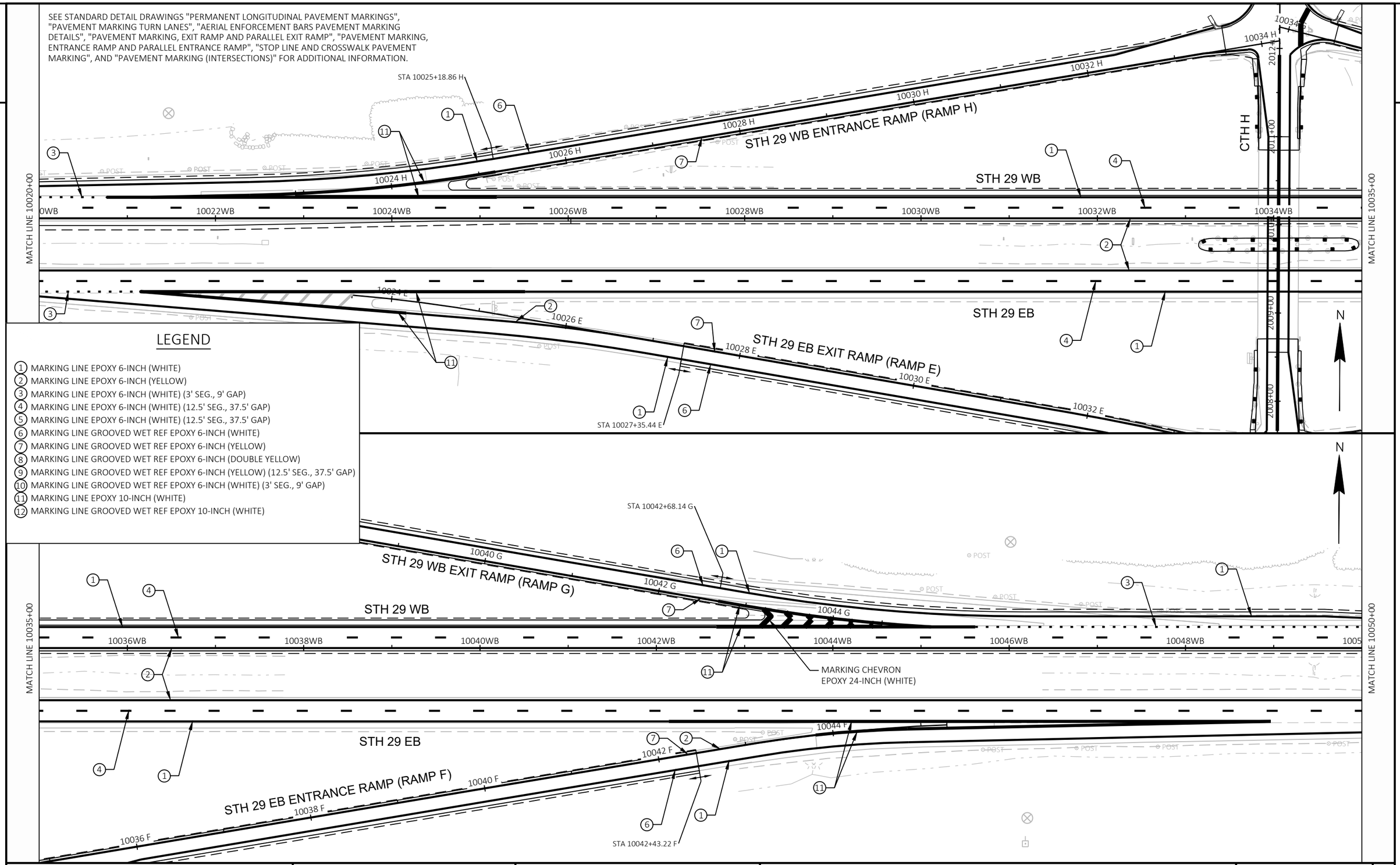
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 100	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024511-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.

LEGEND

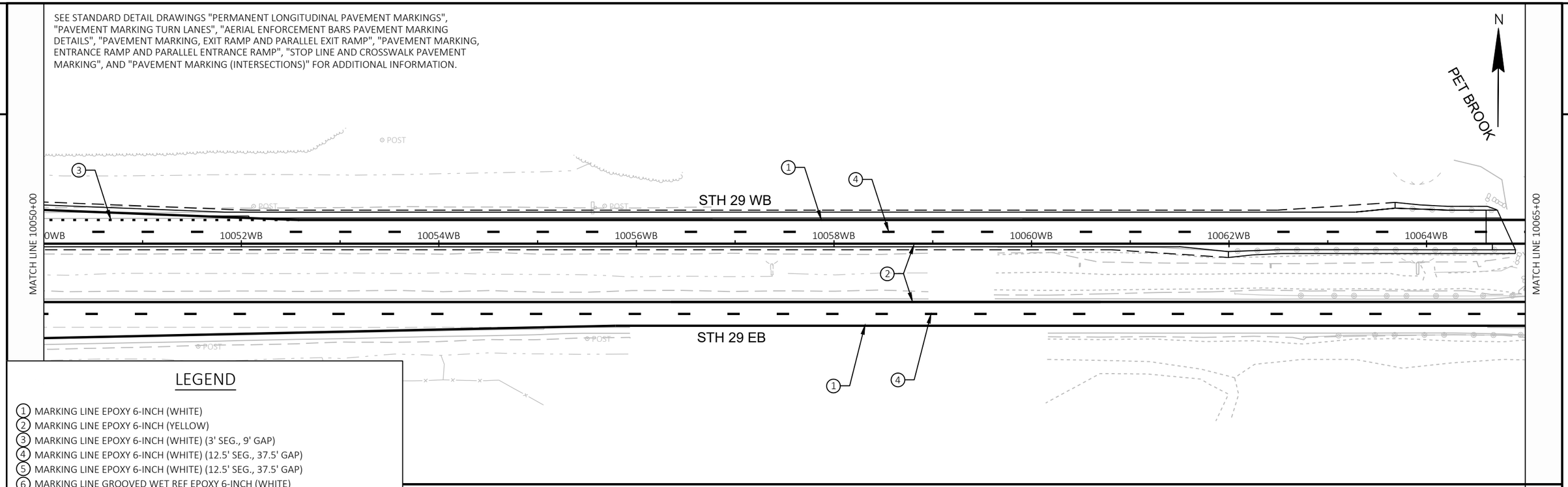
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 101	E

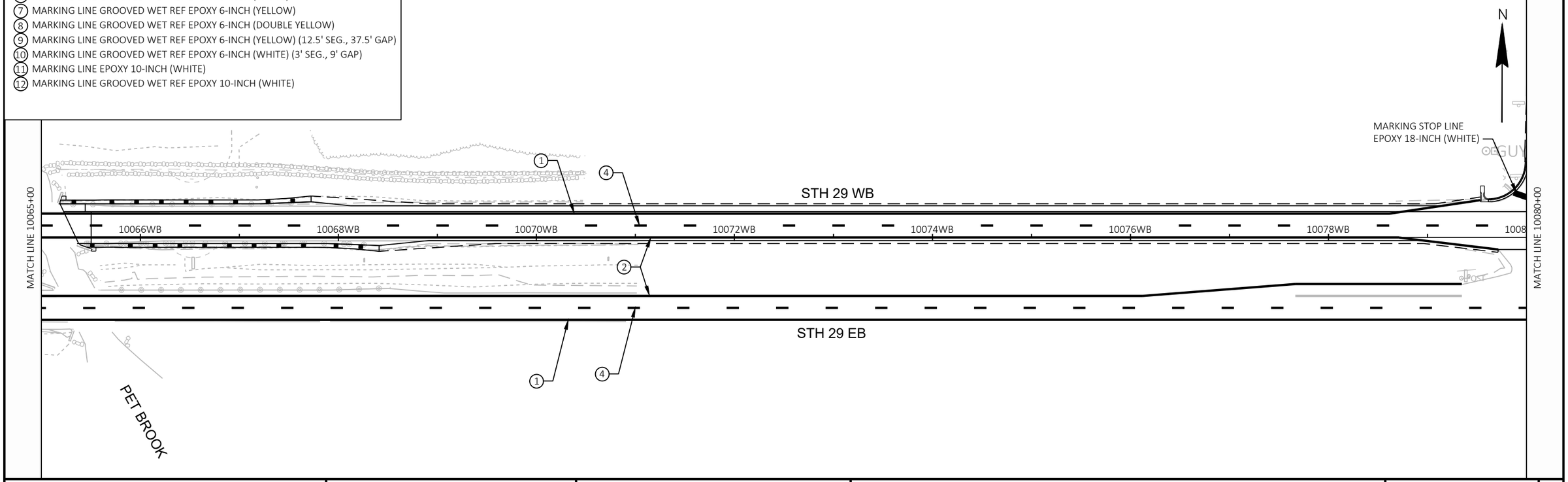
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024512-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



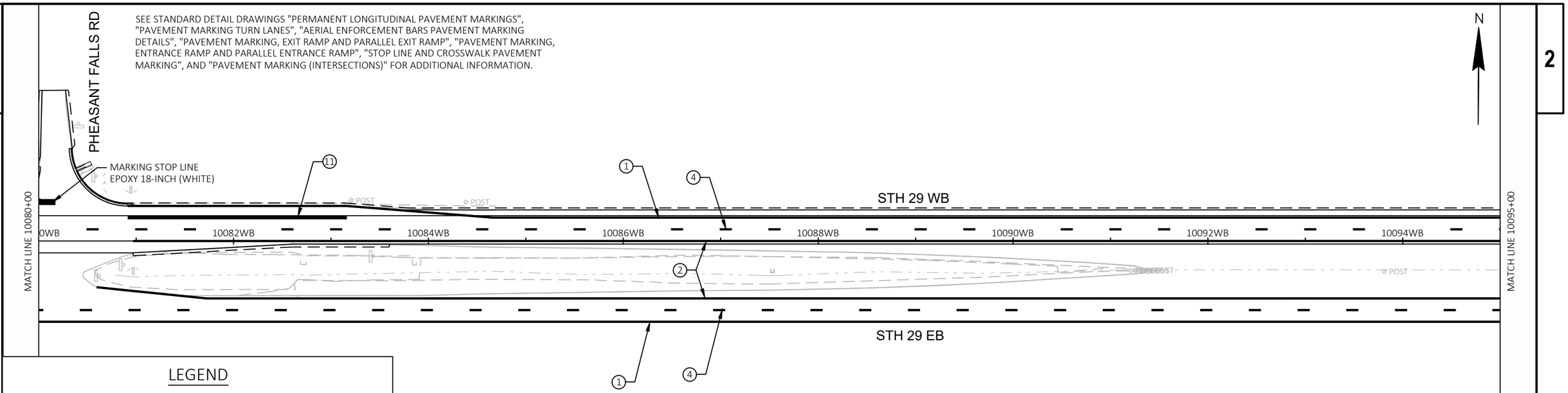
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 102	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024513-pm

PLOT DATE : 9/3/2025 12:55 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT

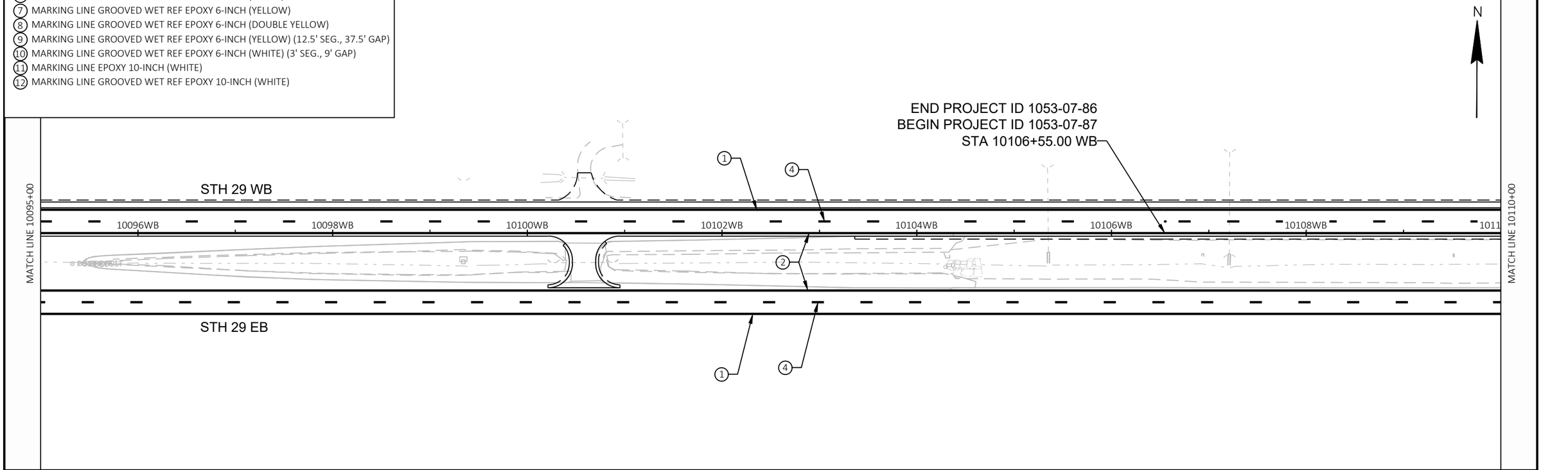
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

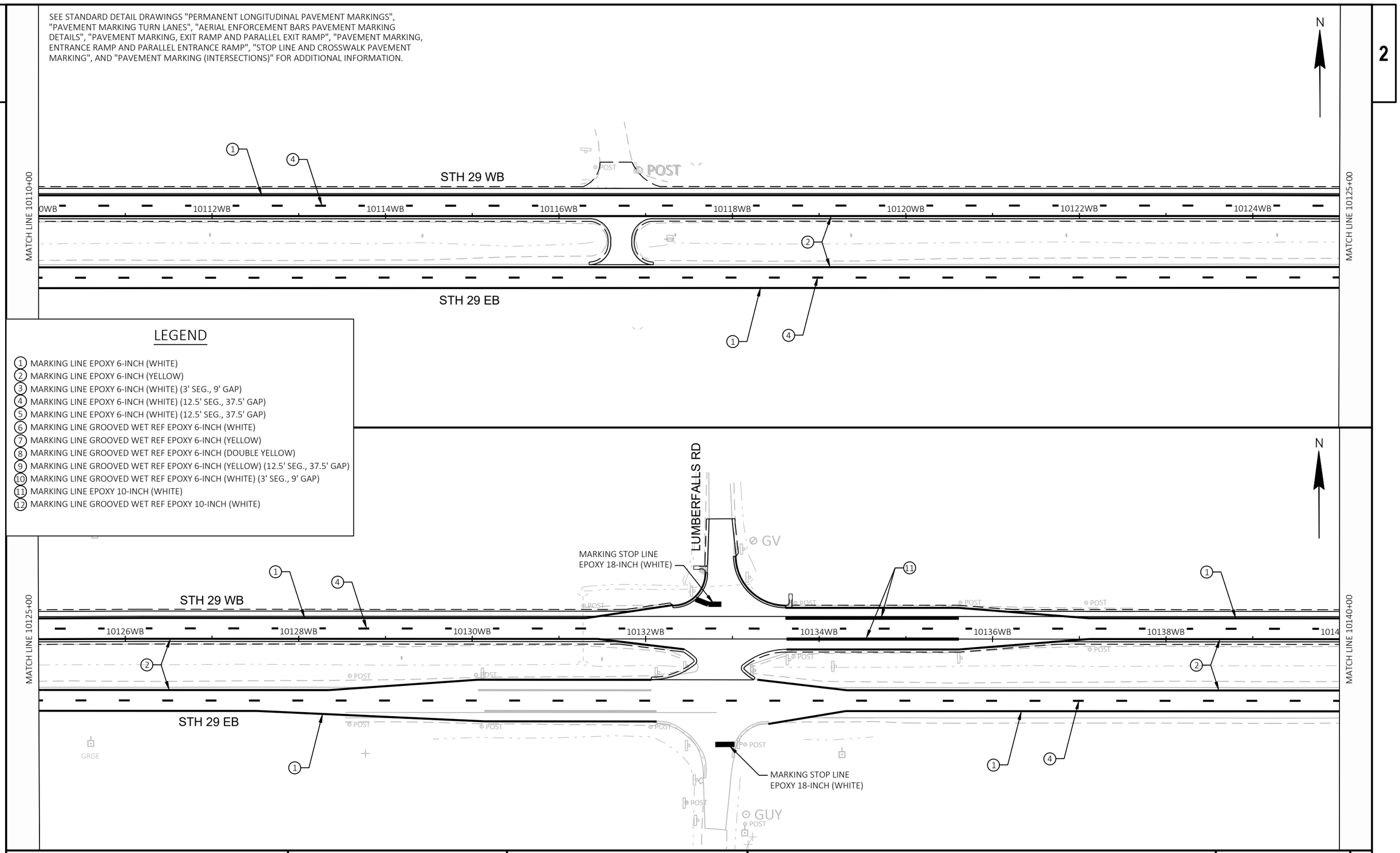
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 103	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024514-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



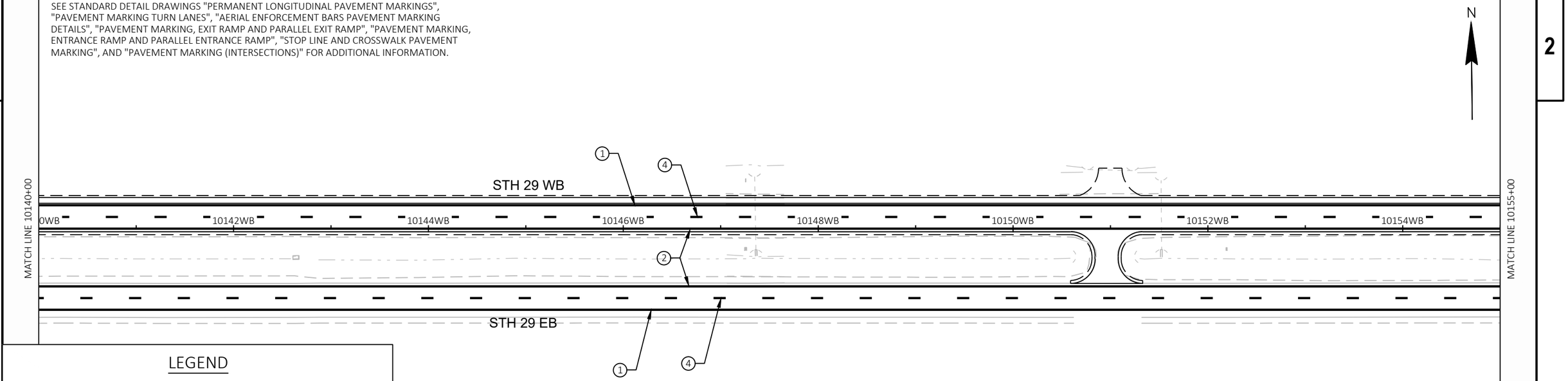
LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 104	E

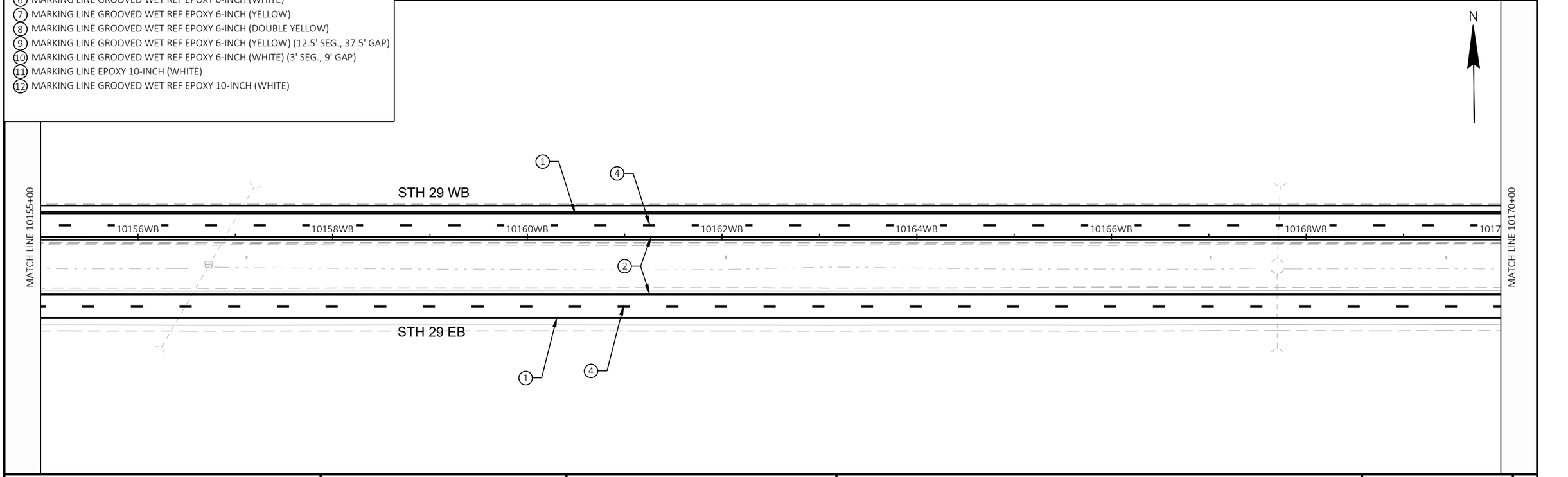
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024515-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

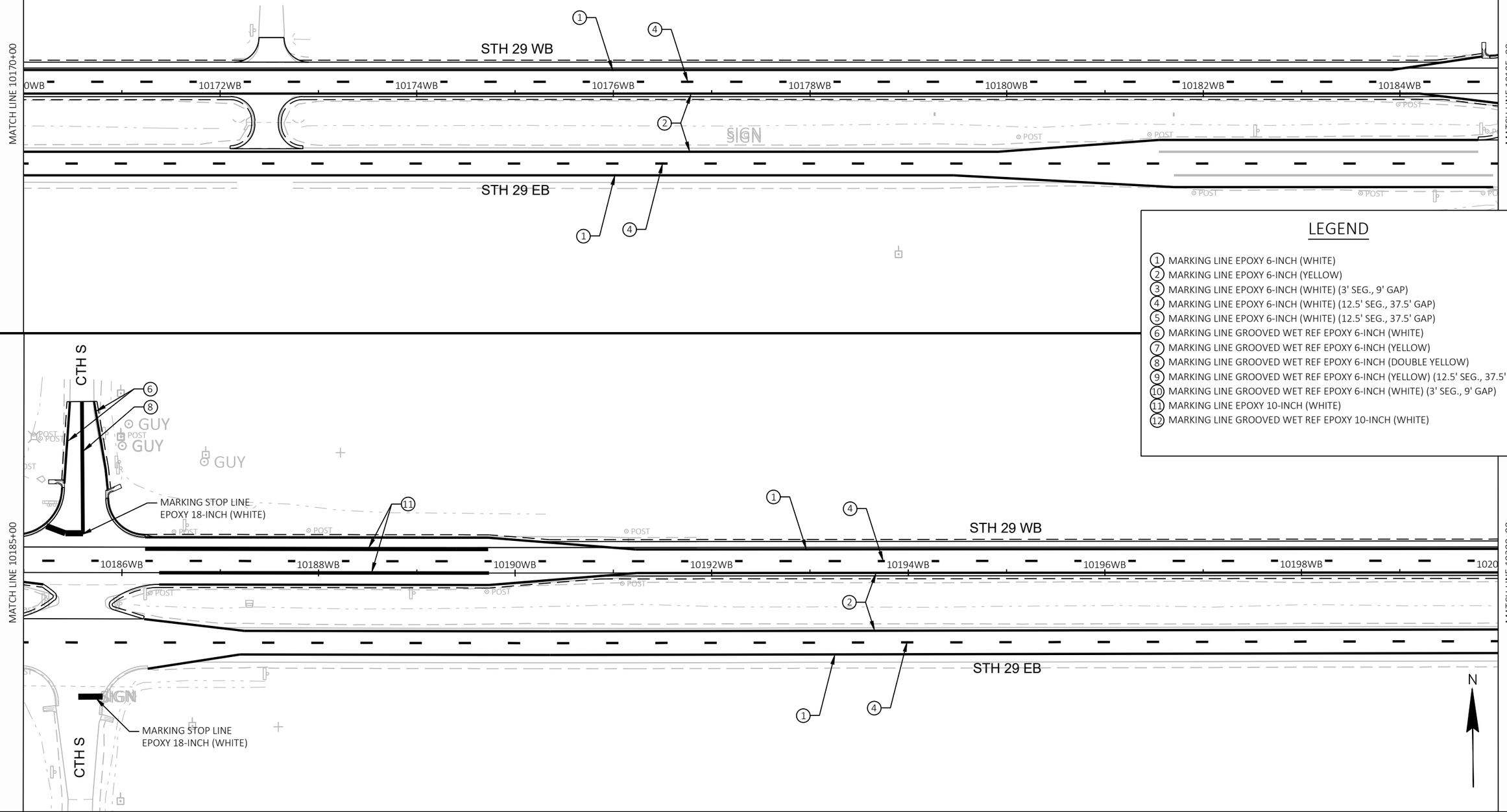
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 105	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024516-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.

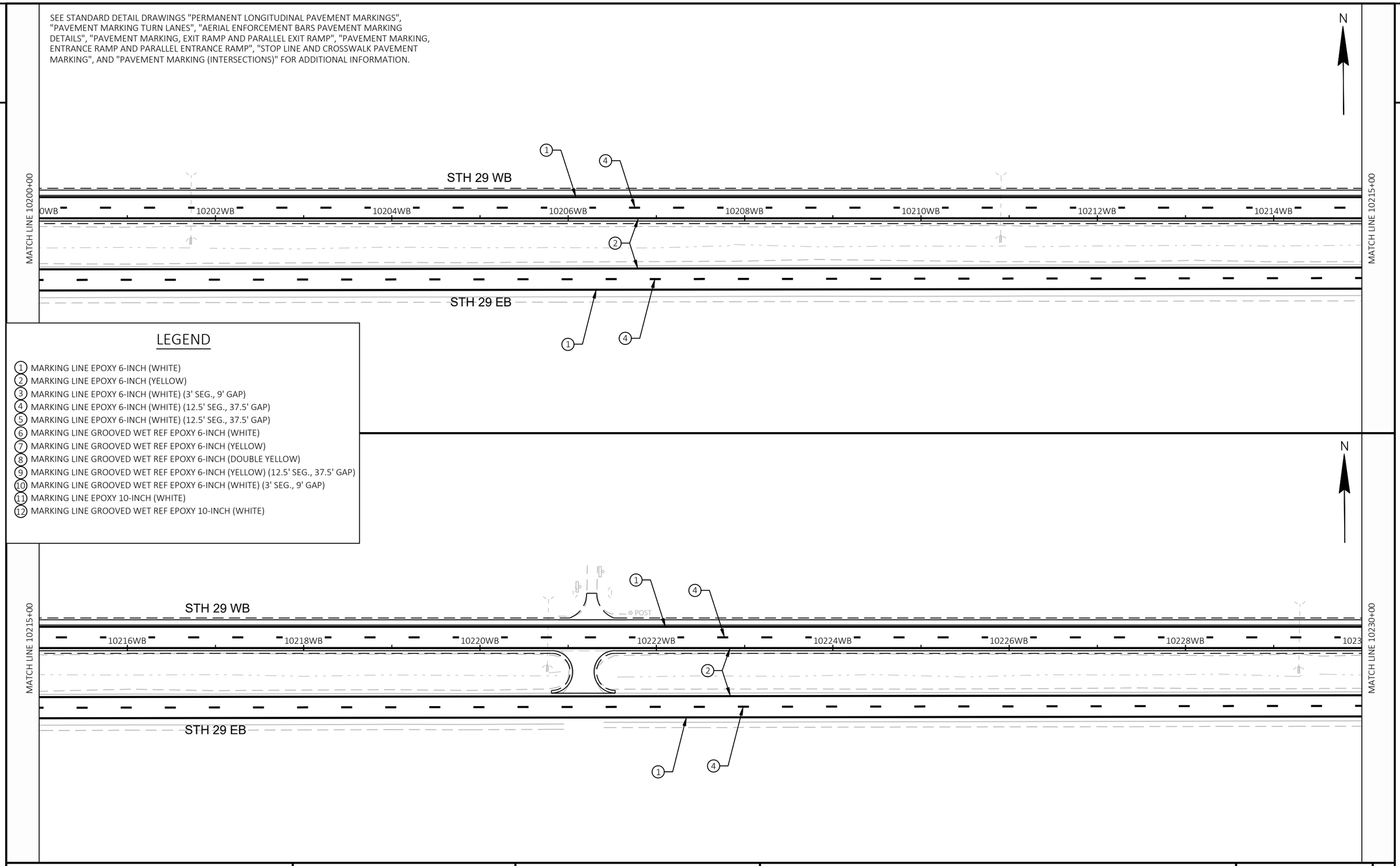


LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 106	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



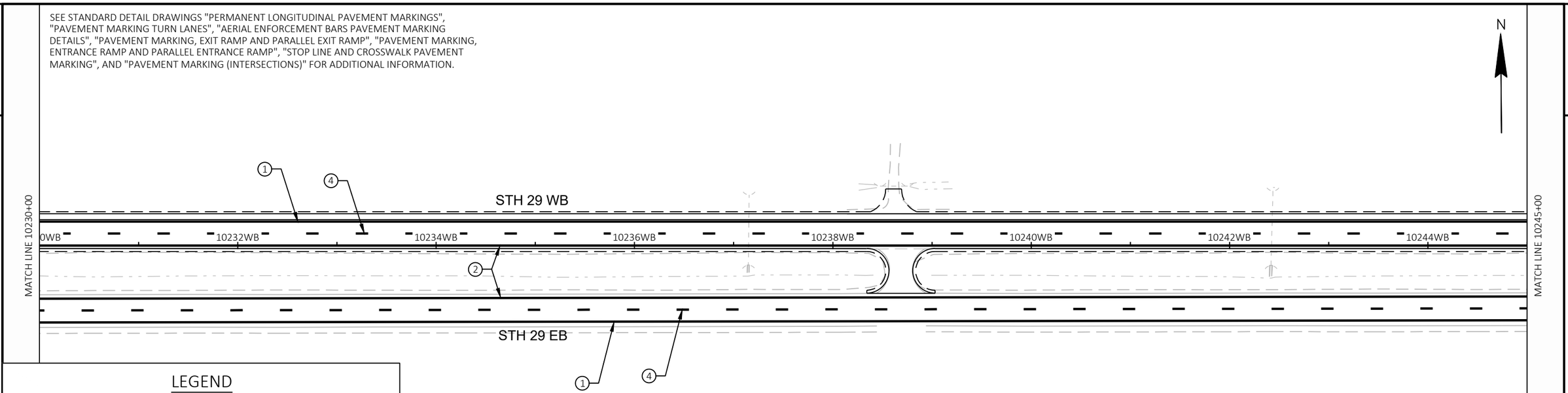
LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 107	E

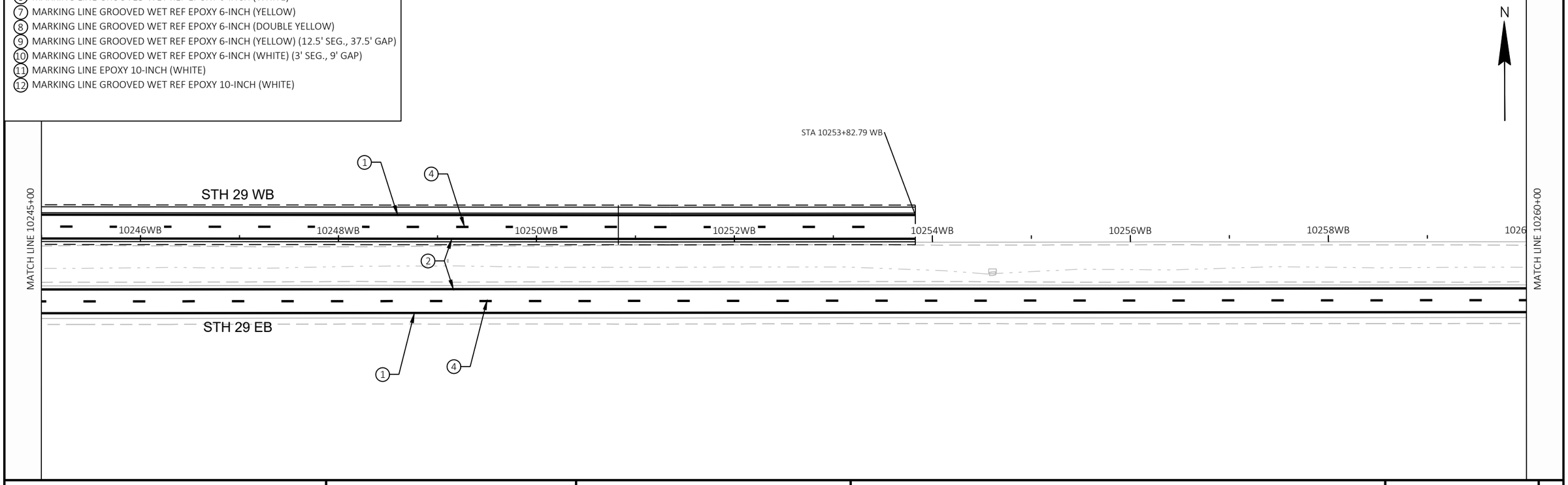
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024518-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

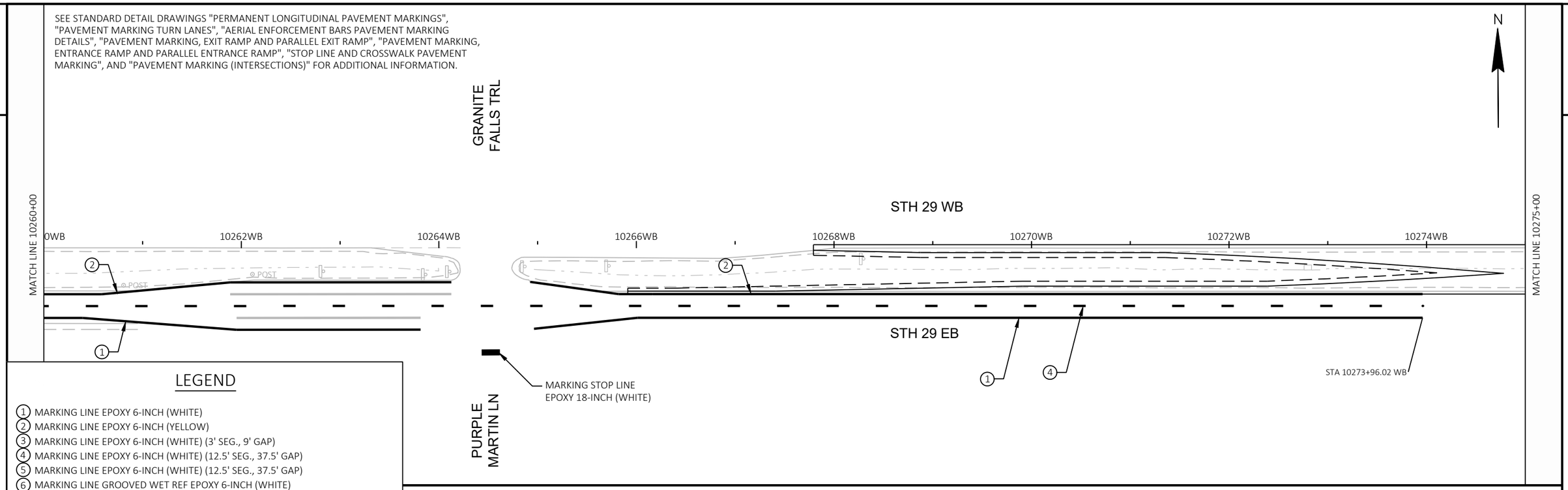
1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
4. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
5. MARKING LINE EPOXY 6-INCH (WHITE) (12.5' SEG., 37.5' GAP)
6. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 108	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024519-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
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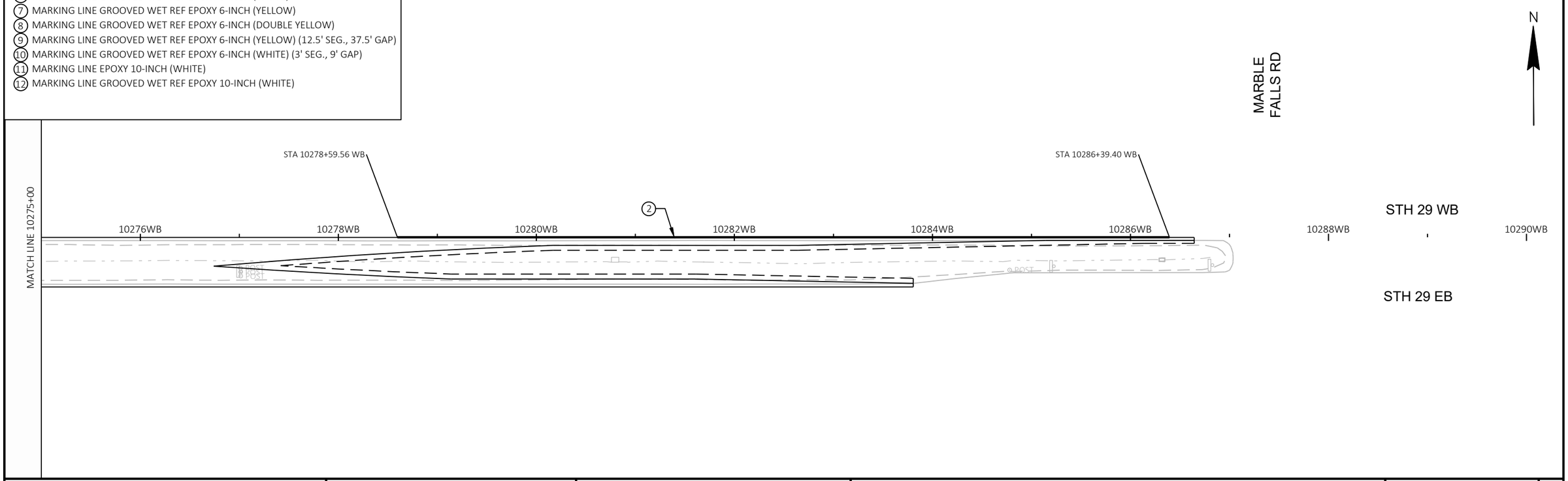
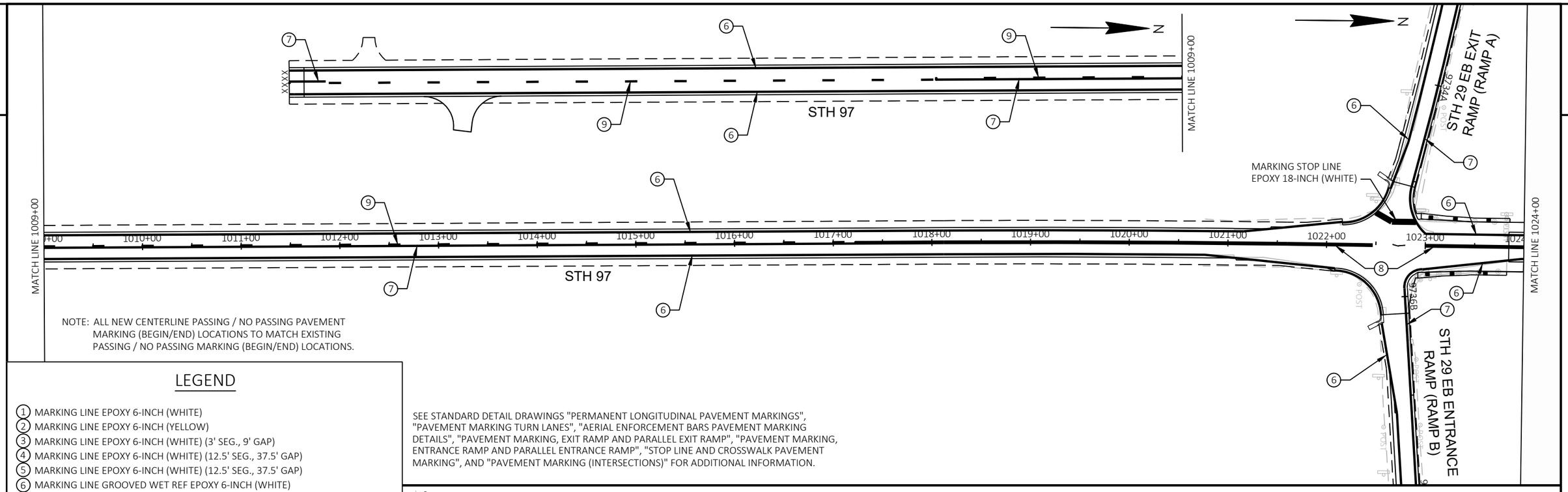
7. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
8. MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
9. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) (12.5' SEG., 37.5' GAP)
10. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 109	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024501-PM.DWG
LAYOUT NAME - 024520-pm
PLOT DATE : 9/3/2025 12:55 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



NOTE: ALL NEW CENTERLINE PASSING / NO PASSING PAVEMENT MARKING (BEGIN/END) LOCATIONS TO MATCH EXISTING PASSING / NO PASSING MARKING (BEGIN/END) LOCATIONS.

LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
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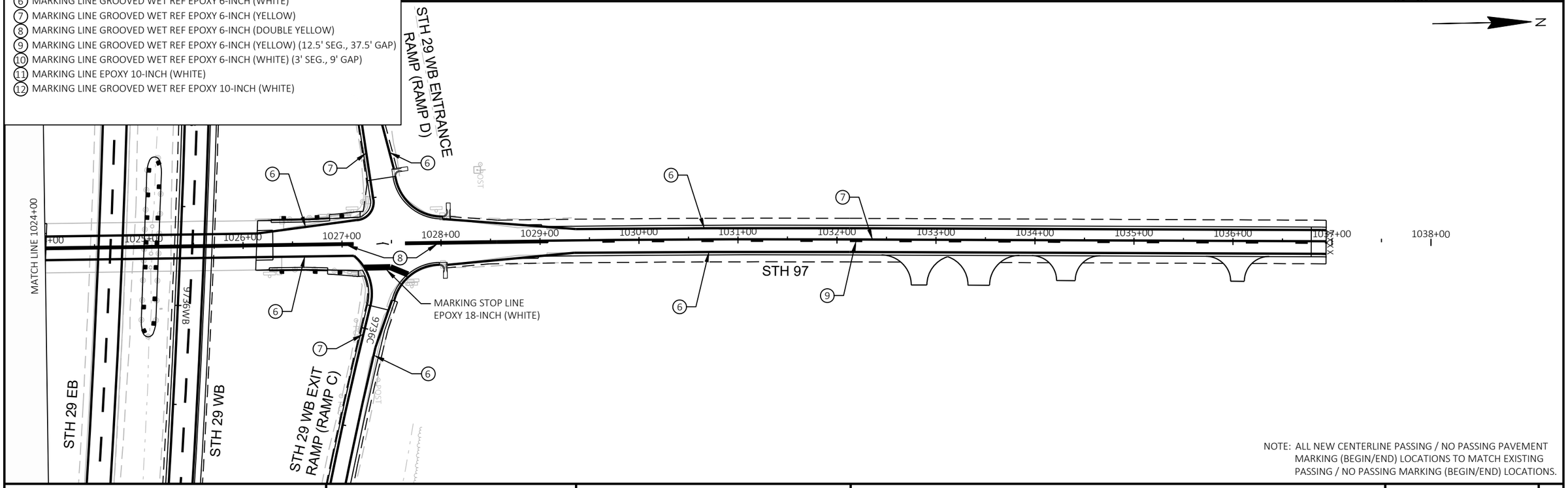
11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

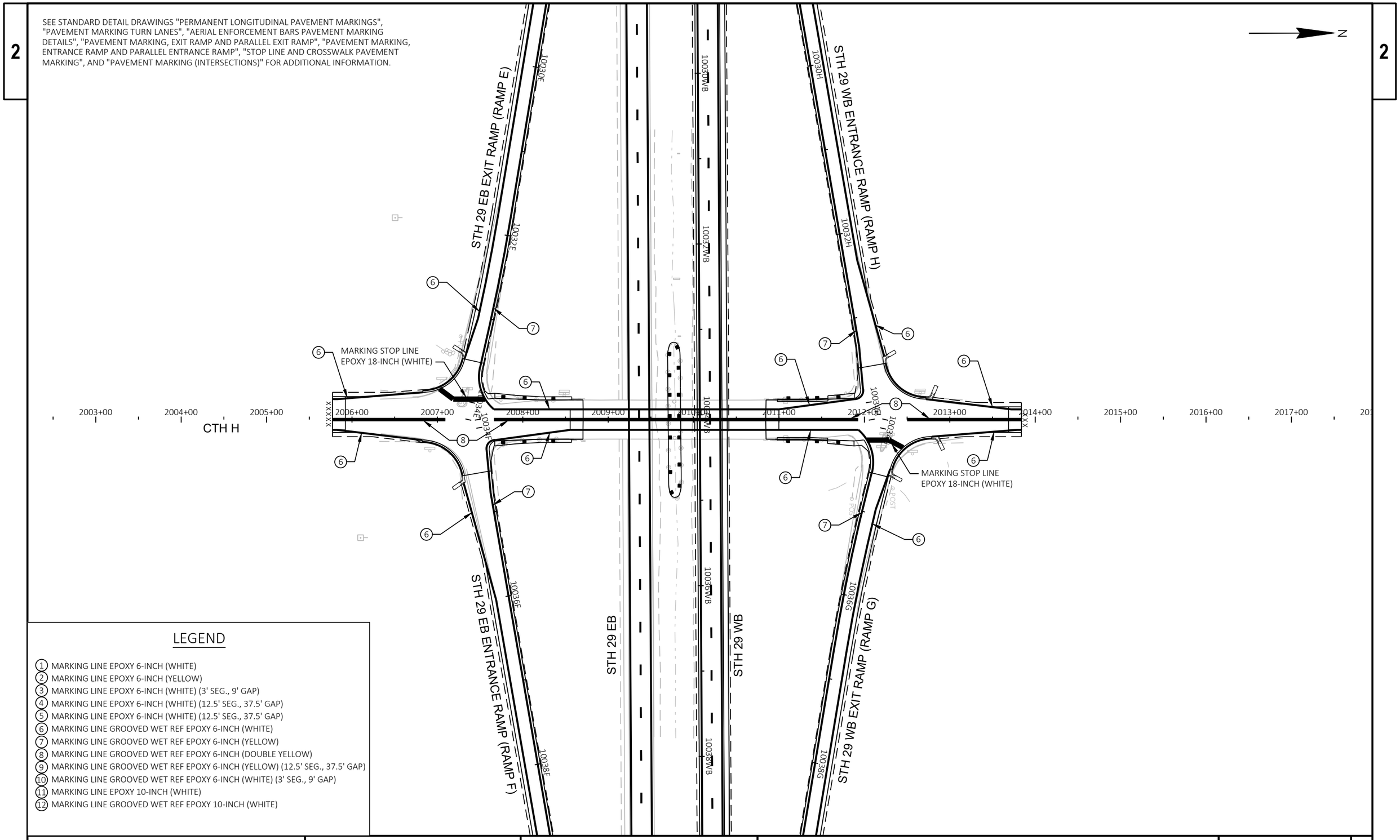
SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



NOTE: ALL NEW CENTERLINE PASSING / NO PASSING PAVEMENT MARKING (BEGIN/END) LOCATIONS TO MATCH EXISTING PASSING / NO PASSING MARKING (BEGIN/END) LOCATIONS.

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 110	E

SEE STANDARD DETAIL DRAWINGS "PERMANENT LONGITUDINAL PAVEMENT MARKINGS", "PAVEMENT MARKING TURN LANES", "AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS", "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP", "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP", "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND "PAVEMENT MARKING (INTERSECTIONS)" FOR ADDITIONAL INFORMATION.



LEGEND

1. MARKING LINE EPOXY 6-INCH (WHITE)
2. MARKING LINE EPOXY 6-INCH (YELLOW)
3. MARKING LINE EPOXY 6-INCH (WHITE) (3' SEG., 9' GAP)
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11. MARKING LINE EPOXY 10-INCH (WHITE)
12. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PAVEMENT MARKING	SHEET 111	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\024601-PM.DWG
LAYOUT NAME - 024602-pm
PLOT DATE : 9/3/2025 12:55 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT

SEE "ADVANCED WIDTH RESTRICTION SIGNING FOR STAGE 2" FOR ADDITIONAL INFORMATION

2

2

N

WUERTZBURG ROAD

CORLAD ROAD

STH 97

CTH M

RED CARDINAL ROAD

TEMPORARY RAMP CROSSOVER
STA. 10015+00.00 WB

URMANSKI ROAD

CTH H

BEGIN PROJECT
STA. 9707+00.00 WB

TEMPORARY RAMP CROSSOVER
STA. 9755+00.00 WB

SEE "ADVANCED WIDTH RESTRICTION SIGNING FOR STAGE 2" FOR ADDITIONAL INFORMATION

WB STH 29

EB STH 29

WB STH 29

EB STH 29

MAINLINE CROSSOVER
STA. 9706+00.00 WB

BUTTERNUT ROAD

STH 97

PIONEER DRIVE

MAHOGANY DRIVE

CTH M

HILLDALE DRIVE

FLICKER DRIVE

ASPEN DRIVE

CTH H

MATCHLINE STA. 10050+00 WB

**HWY 29
ROAD WORK
BEGINS XXX-XX**

G20-57
96"X48"

MATCHLINE STA. 10050+00 WB

END PROJECT 1053-07-86
BEGIN PROJECT 1053-07-87
STA. 10106+55.00 WB

LUMBER FALLS ROAD

CTH S

**HWY 29
ROAD WORK
BEGINS XXX-XX**

G20-57
96"X48"

BIG RIB RIVER

STH 107

ADVANCED WIDTH RESTRICTION SIGNING
AT STH 107 INTERCHANGE FOR STAGE 2.
SEE ADVANCE WARNING DETAILS.

END PROJECT 1053-07-87
STA. 10253+82.77 WB

WB STH 29

EB STH 29

WB STH 29

EB STH 29

TEMPORARY RAMP CROSSOVER
STA. 10055+00.00 WB

CARDINAL LANE

CTH S

SEE "ADVANCED WIDTH RESTRICTION SIGNING FOR STAGE 2" FOR ADDITIONAL INFORMATION

PURPLE MARTIN LANE

MAINLINE CROSSOVER
STA. 10275+00.00 WB

STH 107

GENERAL NOTES

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

REMOVE OR COVER ANY SIGN, TEMPORARY OR EXISTING, WHICH CONFLICTS WITH TRAFFIC CONTROL "IN USE", OR AS APPROVED BY THE ENGINEER.

"WO" AND "W" SIGNS SHALL BE 48"x48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL SIGNS G20-57 TO BE INSTALLED 7 DAYS PRIOR TO CONSTRUCTION AND REMOVED WHEN CONSTRUCTION BEGINS.

ROAD WORK AHEAD
W20-1A

A — USE W20-1A SIGN ON ALL PUBLIC CROSSROADS LOCATED 500' MAXIMUM OR AT LAST INTERSECTION WHICHEVER IS CLOSER

SEE STANDARD DETAIL DRAWINGS "TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE" FOR ADDITIONAL INFORMATION DURING STAGE 1 AND 3.

USE "INTERSECTION WITHIN BIDIRECTIONAL TRAFFIC DETAIL A/B" CONSTRUCTION DETAIL DURING STAGE 2.

PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	ADVANCED WARNING	SHEET 112	E

2

N

EXIT 145
97
Athens
Marshfield
1 MILE

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

CTH M

JCT 29

JCT COUNTY M

WB STH 29
EB STH 29

CTH H

200'

MAHOGANY DRIVE

JCT 29

CTH M

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

200'

CTH H

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

CTH S

JCT 29

JCT COUNTY S

BIG RIB RIVER

WB STH 29
EB STH 29

PURPLE MARTIN LANE

STH 107

200'

200'

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

M3-4 24"X12"
M1-6 24"X24"
WEST 29
MAX. 14' WIDTH
W12-52 48"X48"

EXIT 156
107
Marathon City
Merrill
1 MILE

W12-52 48"X48"
MAX. 14' WIDTH

2 MILES AHEAD
W057-52 48"X36"

WIDE LOADS EXCEEDING 14 FT
R12-70B 114"X42"

EXIT 156
107
Marathon City
Merrill

JCT 29

SCOTCH CREEK ROAD

STH 107

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ADVANCED WARNING - WIDTH RESTRICTION SIGNING STAGE 2	SHEET 113	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\025100-AW.DWG
LAYOUT NAME - 025101-aw
PLOT DATE : 6/26/2025 12:21 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:2000 FT
WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

SIDE ROAD

BOTH SIDES IF APPLICABLE

ONE WAY
STOP
DIVIDED HIGHWAY

500'

ROAD CLOSED
R11-2
48"X30"

STH 29 WB

STOP
R1-1
36"X36"

CROSS TRAFFIC DOES NOT STOP
W4-4P
24"X12"

TRAFFIC CONTROL DRUMS (TYP.) AT 25' SPACING

FLEXIBLE TUBULAR MARKER POSTS AND BASES (TYP.) AT 50' SPACING

TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

100'

25'

STH 29 EB

25'

100'

500'

ONE WAY
STOP
DIVIDED HIGHWAY

BOTH SIDES IF APPLICABLE

CROSS TRAFFIC DOES NOT STOP
W4-4P
24"X12"

ROAD WORK AHEAD
W20-1A

SIDE ROAD

LEGEND

- WORK ZONE
- TRAFFIC CONTROL SIGNS (PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (TEMPORARY SUPPORT)
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- TRAFFIC CONTROL COVERING SIGNS TYPE II

GENERAL NOTES

① 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER. SEE STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES", FOR ADDITIONAL INFORMATION.

INTERSECTION WITHIN BIDIRECTIONAL TRAFFIC DETAIL A

PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - CONSTRUCTION DETAILS	SHEET 114	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\025100-TC.DWG
LAYOUT NAME - 025101-tc
PLOT DATE : 6/27/2025 11:50 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED 500 FT
W20-3D

PLACED AT LAST INTERSECTION

SIDE ROAD

ROAD CLOSED
R11-2
48"X30"

BOTH SIDES IF APPLICABLE

ONE WAY
STOP
DIVIDED HIGHWAY

500'

STH 29 WB

ROAD CLOSED
R11-2
48"X30"

TRAFFIC CONTROL DRUMS (TYP.) AT 25' SPACING

FLEXIBLE TUBULAR MARKER POSTS AND BASES (TYP.) AT 50' SPACING

100'

25'

STH 29 EB

25'

100'

SIDE ROAD

500'

1

BOTH SIDES IF APPLICABLE

ONE WAY
STOP
DIVIDED HIGHWAY
CROSS TRAFFIC DOES NOT STOP
W4-4P
24"X12"

ROAD WORK AHEAD
W20-1A

LEGEND

- WORK ZONE
- TRAFFIC CONTROL SIGNS (PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (TEMPORARY SUPPORT)
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- TRAFFIC CONTROL COVERING SIGNS TYPE II

GENERAL NOTES

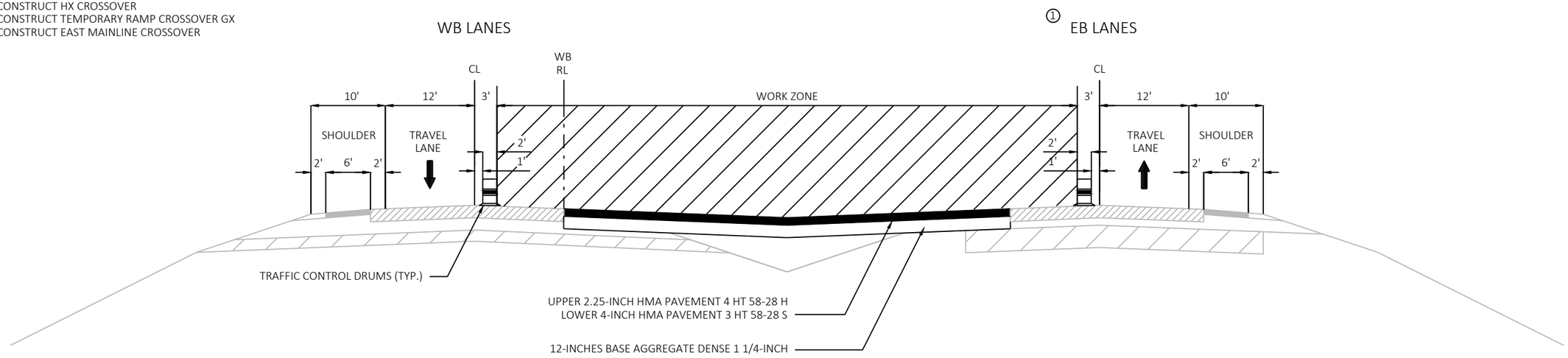
1. 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER. SEE STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES", FOR ADDITIONAL INFORMATION.

INTERSECTION WITHIN BIDIRECTIONAL TRAFFIC DETAIL B

PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - CONSTRUCTION DETAILS	SHEET 115	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\025100-TC.DWG
LAYOUT NAME - 025102-tc
PLOT DATE : 6/30/2025 11:23 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

STAGE 1 CONSTRUCTION
- CONSTRUCT WEST MAINLINE CROSSOVER
- START CONSTRUCTION ON TEMPORARY RAMP CROSSOVER CX
- CONSTRUCT HX CROSSOVER
- CONSTRUCT TEMPORARY RAMP CROSSOVER GX
- CONSTRUCT EAST MAINLINE CROSSOVER



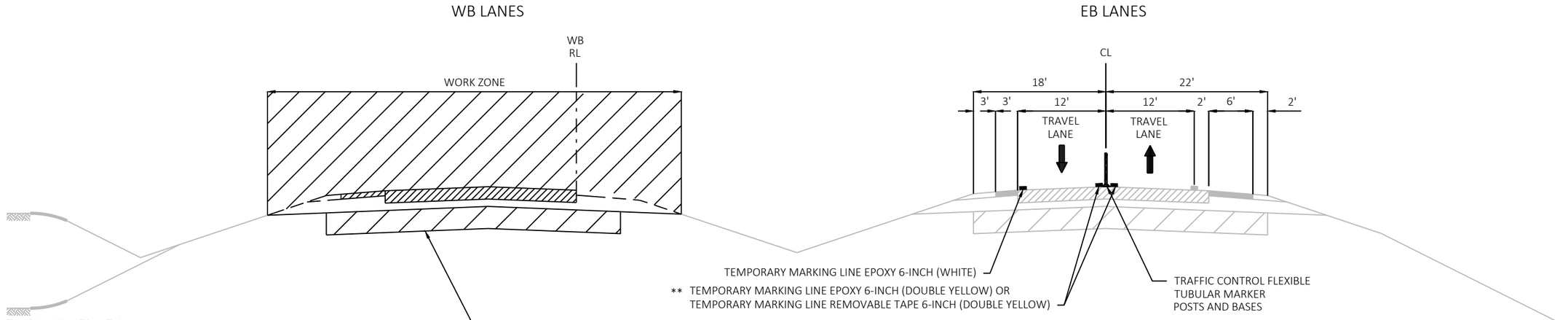
STAGE 1 TYPICAL SECTION - CROSSOVERS

STH 29
STA. 9693+56.96 WB - STA. 9715+04.25 WB
* STA. 9751+89.99 WB - STA. 9761+75.90 WB
STA. 10000+88.41 WB - STA. 10017+95.38 WB
* STA. 10049+54.81 WB - STA. 10066+69.86 WB
STA. 10265+91.18 WB - STA. 10286+64.40 WB

① INSTALL FLEXIBLE TUBULAR MARKER POSTS, BASES, AND TEMPORARY PAVEMENT MARKINGS PRIOR TO TRAFFIC SWITCH IN STAGE 2.

* 4-INCH ASPHALTIC SURFACE TEMPORARY
8-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

** SEE TRAFFIC CONTROL DETAIL SHEETS FOR LOCATIONS



STAGE 2A CONSTRUCTION:
- CONSTRUCT MAINLINE STA. 9707+00.00 WB TO STA. 9755+00.00 WB
- COMPLETE TEMPORARY RAMP CROSSOVER CX
- RECONSTRUCT STH 97
- RECONSTRUCT STH 97 INTERCHANGE
- CONSTRUCT PASSING LANE SHOULDER (WHERE ABLE)
- CONSTRUCT INTERSECTIONS

STAGE 2B CONSTRUCTION:
- RECONSTRUCT MAINLINE STA. 9755+00.00 WB TO 10106+55.00 WB
- CONCRETE OVERLAY MAINLINE STA. 10106+55.00 WB TO 10253+82.77 WB
- RECONSTRUCT CTH H INTERCHANGE
- CONSTRUCT PASSING LANE SHOULDER (WHERE ABLE)
- CONSTRUCT INTERSECTIONS

STAGE 2A/B TYPICAL SECTION

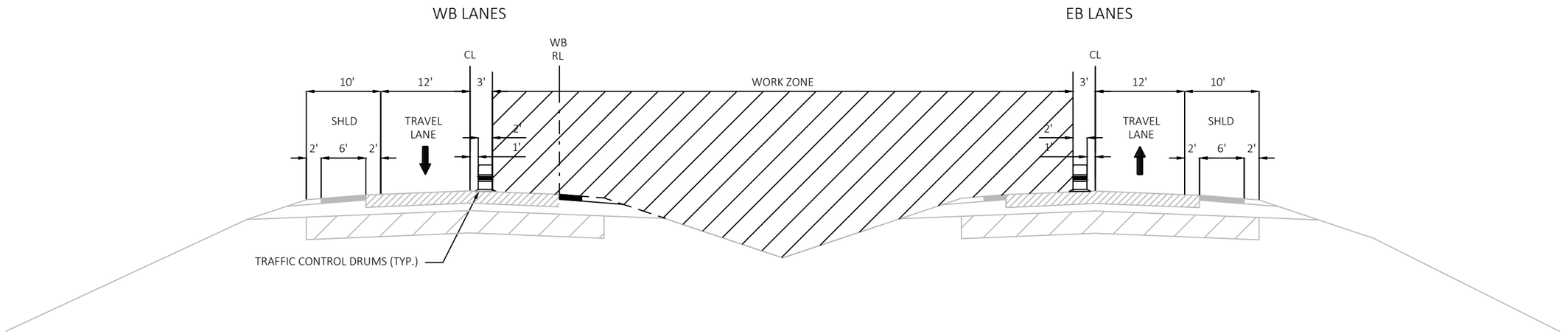
STH 29
STA. 9707+00.00 WB - STA. 10253+82.77 WB

PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 116	E

STAGE 3 CONSTRUCTION:

- REMOVE CX CROSSOVER
- REMOVE GX CROSSOVER
- CONSTRUCT MEDIAN OPENINGS
- CONSTRUCT REMAINING PASSING LANE SHOULDER
- CONSTRUCT STH 97 AND CTH H BULLNOSE TERMINALS

2

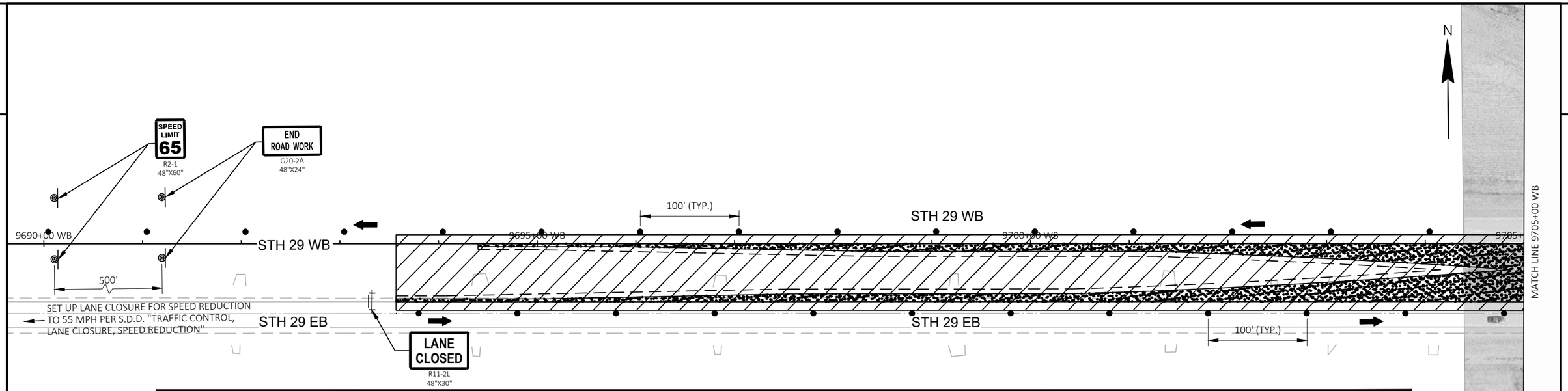


STAGE 3 TYPICAL SECTION

STH 29

STA.9707+00.00 WB TO STA. 10253+82.78 WB

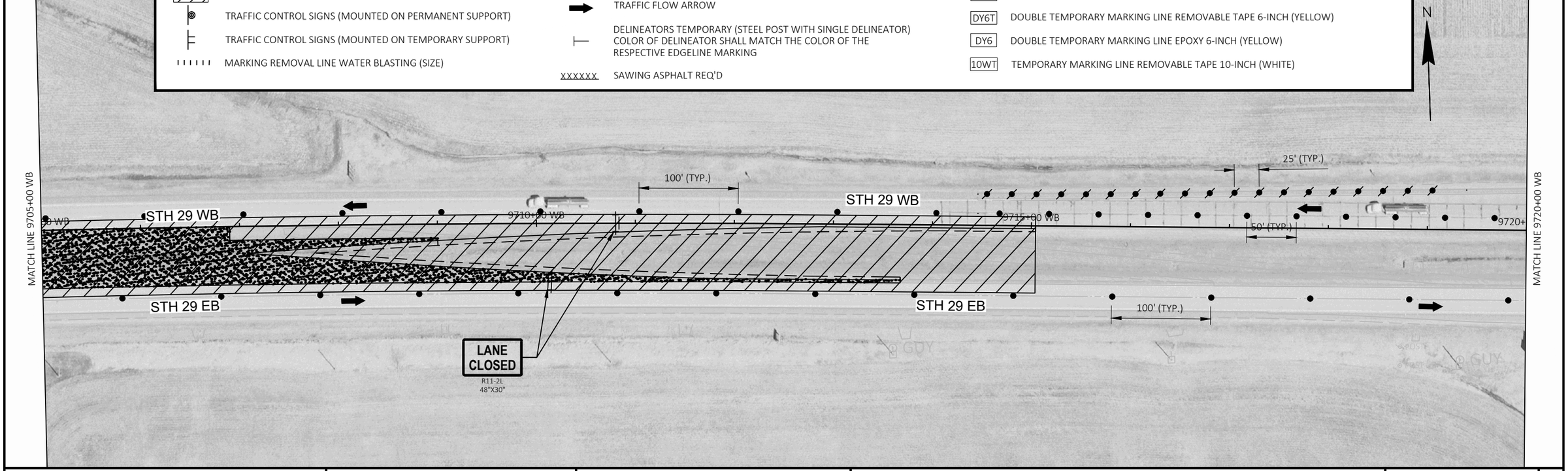
2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

6WT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
6YT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
6W	TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
6WTS	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
DY6T	DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
DY6	DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
10WT	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SHEET 118	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026102-S1.DWG
LAYOUT NAME - 026101-s1
PLOT DATE : 6/27/2025 11:50 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 9720+00 WB

MATCH LINE 9735+00 WB

2

N

STH 29 WB ENTRANCE RAMP (RAMP D)

ROAD WORK AHEAD
W20-1A

YIELD
R1-2
48"X42"

W03-2

50' (TYP.)

00 WB

9725+00 WB

100' (TYP.)

STH 29 WB

9730+00 WB

9735+

STH 29 EB

100' (TYP.)

LANE CLOSED
R11-2L
48"X30"

STH 29 EB EXIT RAMP (RAMP A)

W04-1R

LANE CLOSED
R11-2L
48"X30"

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

N

STH 97

LANE CLOSED
R11-2L
48"X30"

STH 29 WB EXIT RAMP (RAMP C)

W04-1R

LANE CLOSED
R11-2L
48"X30"

MATCH LINE 9735+00 WB

00 WB

9740+00 WB

100' (TYP.)

STH 29 WB

9745+00 WB

9750+

MATCH LINE 9750+00 WB

STH 29 EB

50' (TYP.)

100' (TYP.)

ROAD WORK AHEAD
W20-1A

STH 29 EB ENTRANCE RAMP (RAMP B)

W03-2

YIELD
R1-2
48"X42"

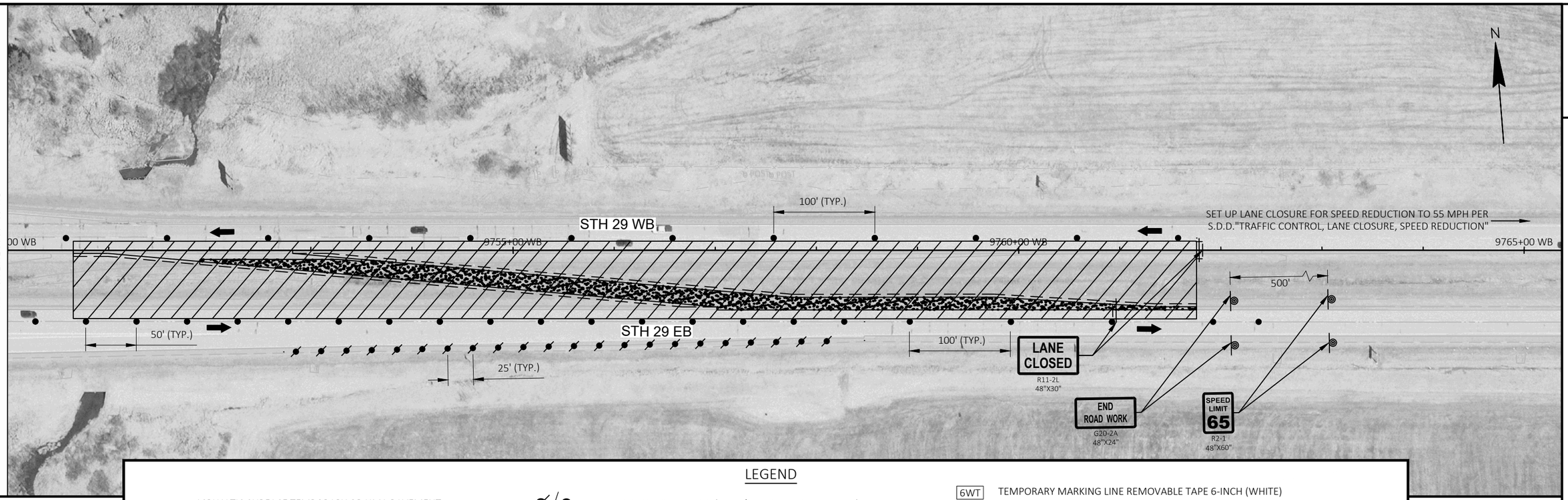
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SHEET 119	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026102-S1.DWG
LAYOUT NAME - 026102-s1

PLOT DATE : 7/25/2025 2:18 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

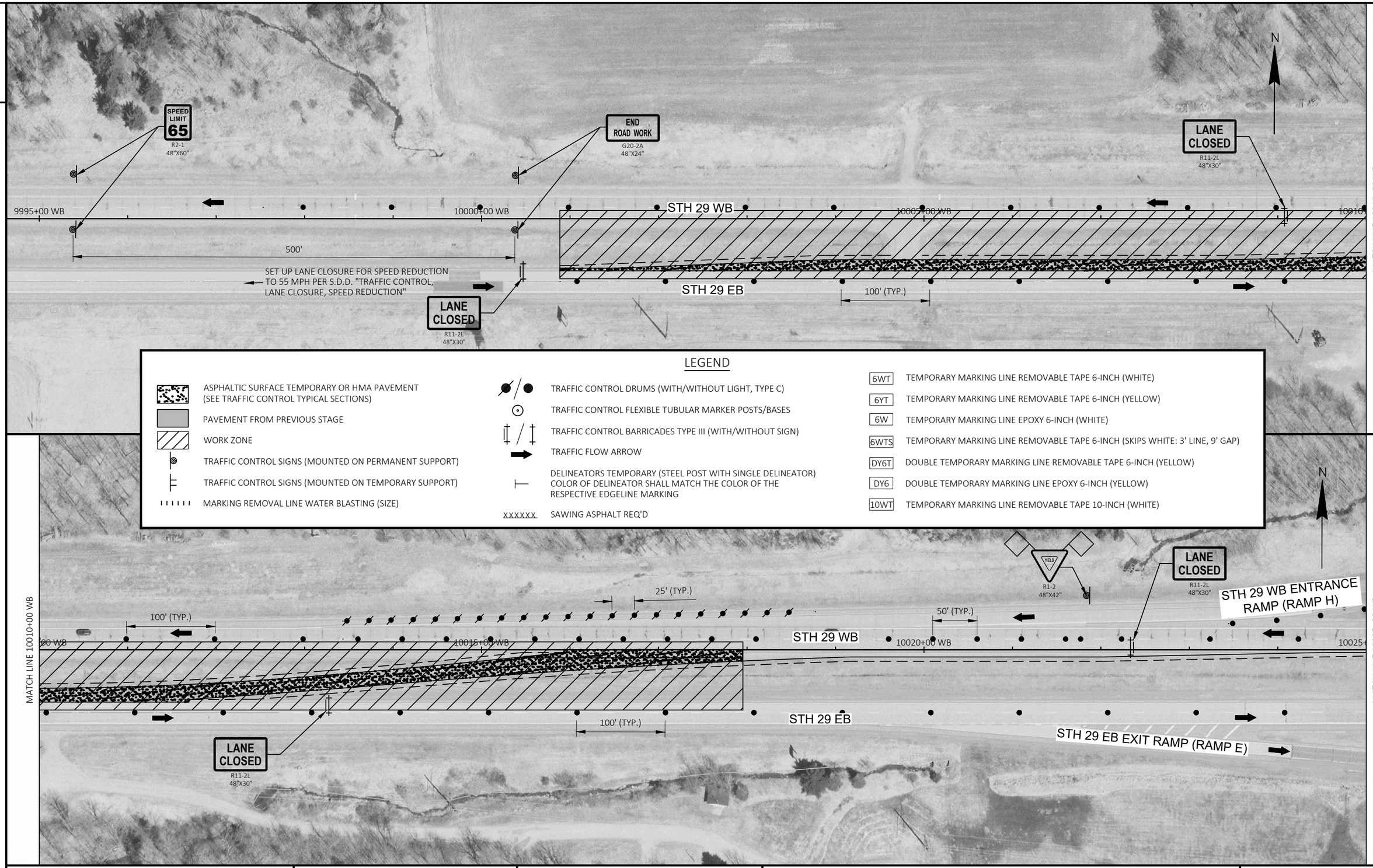
2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SHEET 121	E

2

MATCH LINE 10025+00 WB

STH 29 WB ENTRANCE RAMP (RAMP H)

W03-2

W04-1R

ROAD WORK AHEAD
W20-1A

50' (TYP.)

100' (TYP.)

00 WB

10030+00 WB

STH 29 WB

STH 29 EB

CTH H

10035+00 WB

10040+

STH 29 WB EXIT RAMP (RAMP G)

W04-1R

LANE CLOSED
R11-2L
48"X30"

100' (TYP.)

N

2

MATCH LINE 10040+00 WB

LANE CLOSED
R11-2L
48"X30"

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

N

MATCH LINE 10040+00 WB

STH 29 WB EXIT RAMP (RAMP G)

LANE CLOSED
R11-2L
48"X30"

100' (TYP.)

00 WB

10045+00 WB

STH 29 WB

10050+00 WB

10055+

MATCH LINE 10055+00 WB

100' (TYP.)

50' (TYP.)

STH 29 EB

STH 29 EB ENTRANCE RAMP (RAMP F)

ROAD WORK AHEAD
W20-1A

500'

W03-2

YIELD
R1-2
48"X42"

25' (TYP.)

LANE CLOSED
R11-2L
48"X30"

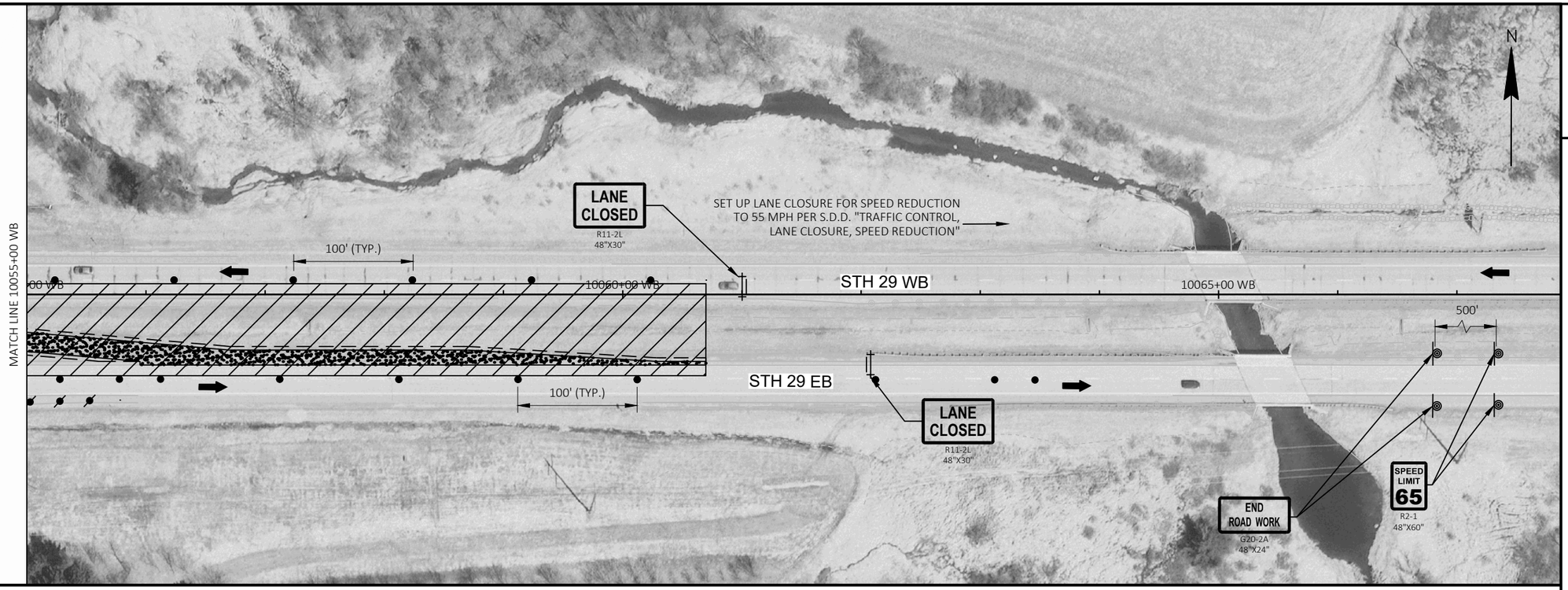
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SHEET 122	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026102-S1.DWG
LAYOUT NAME - 026105-s1

PLOT DATE : 6/27/2025 11:50 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

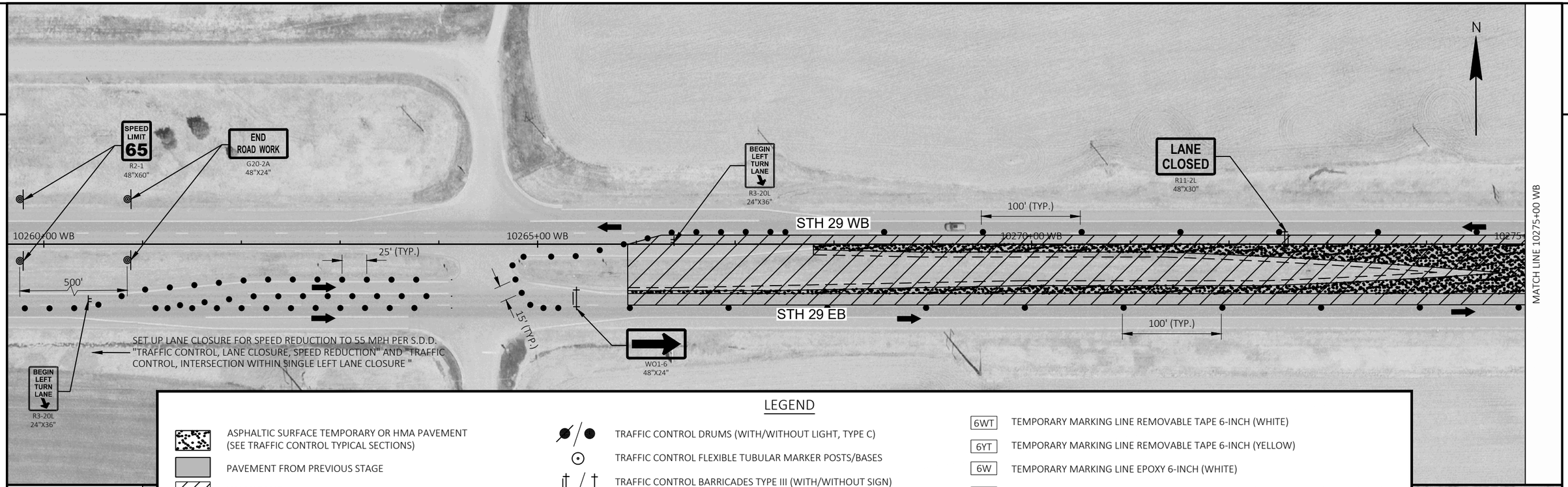
2



LEGEND

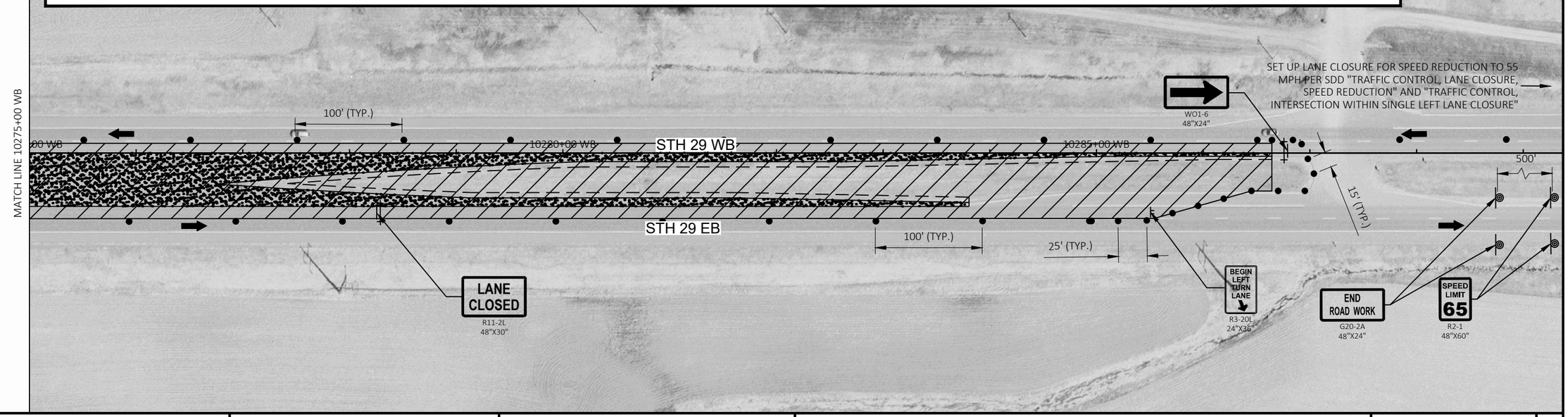
- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)



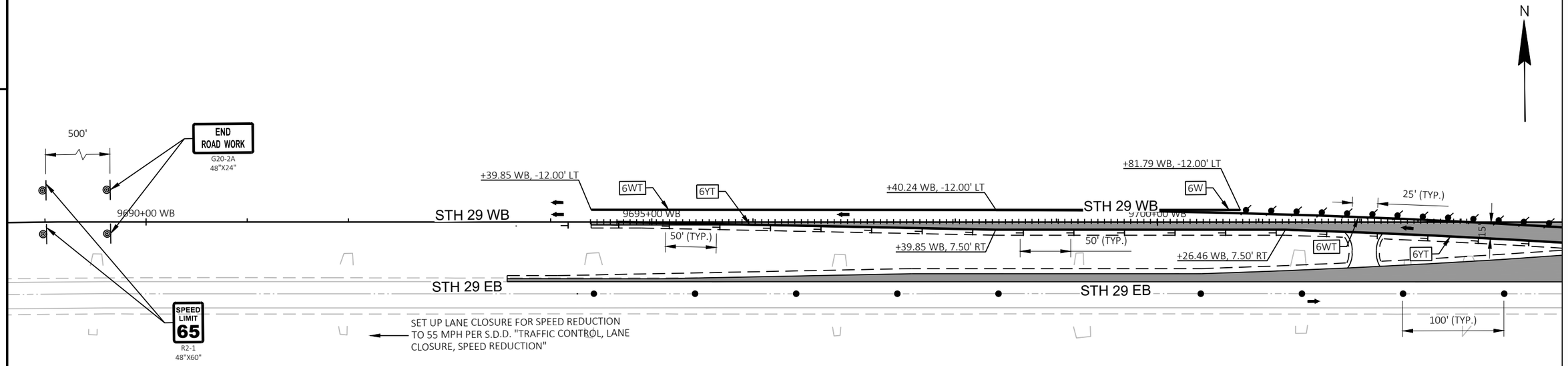
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SHEET 124	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026102-S1.DWG
LAYOUT NAME - 026107-s1

PLOT DATE : 6/27/2025 11:51 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

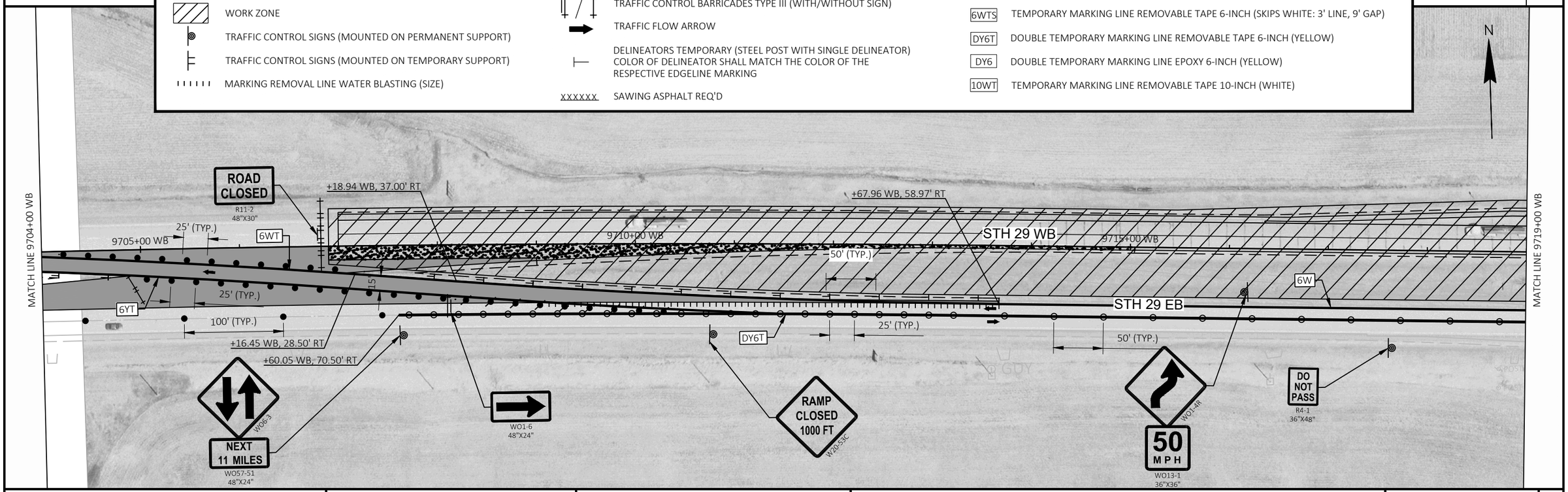
2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

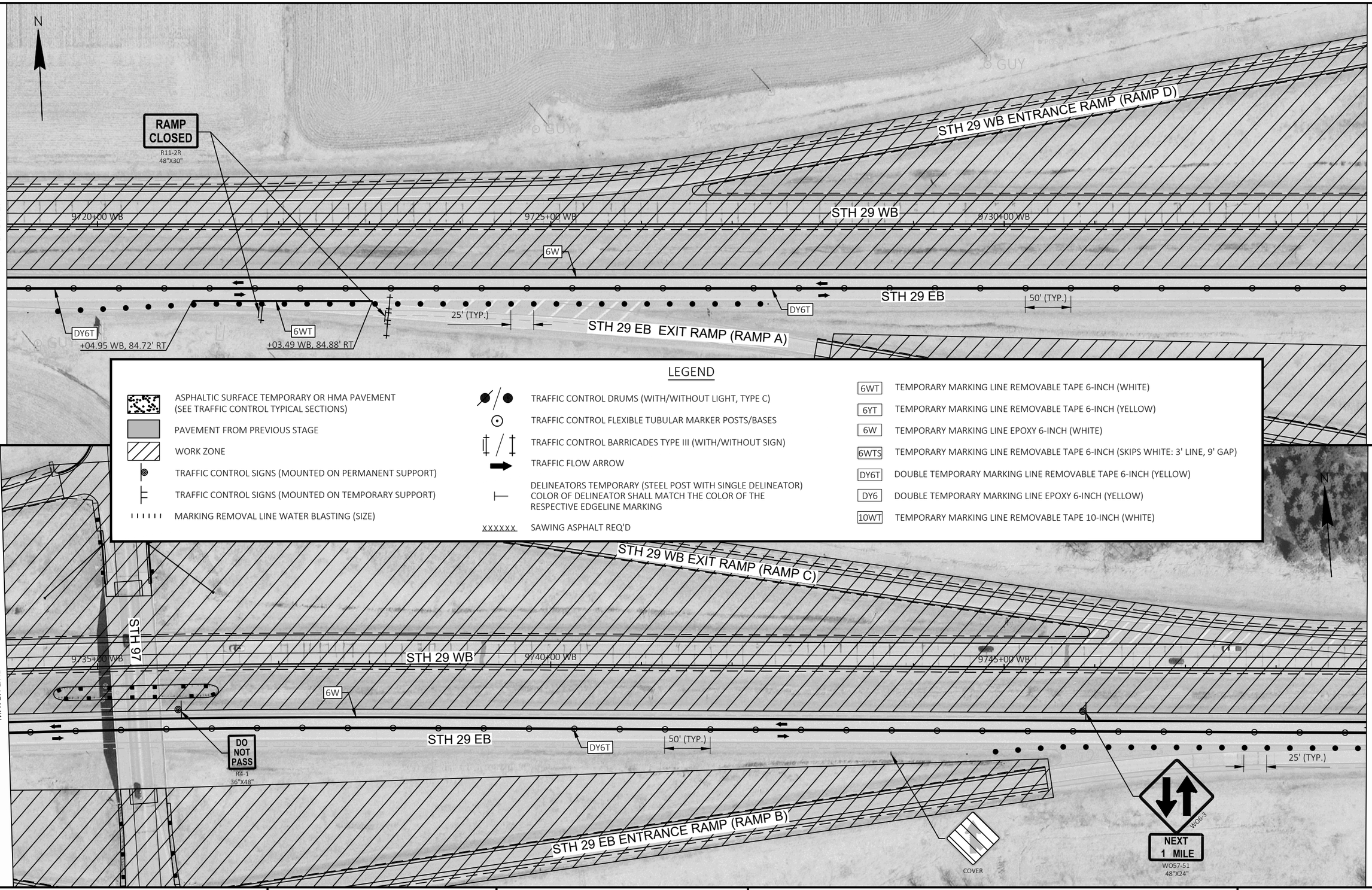
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 125	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026001-s2a
PLOT DATE : 8/7/2025 10:55 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



LEGEND

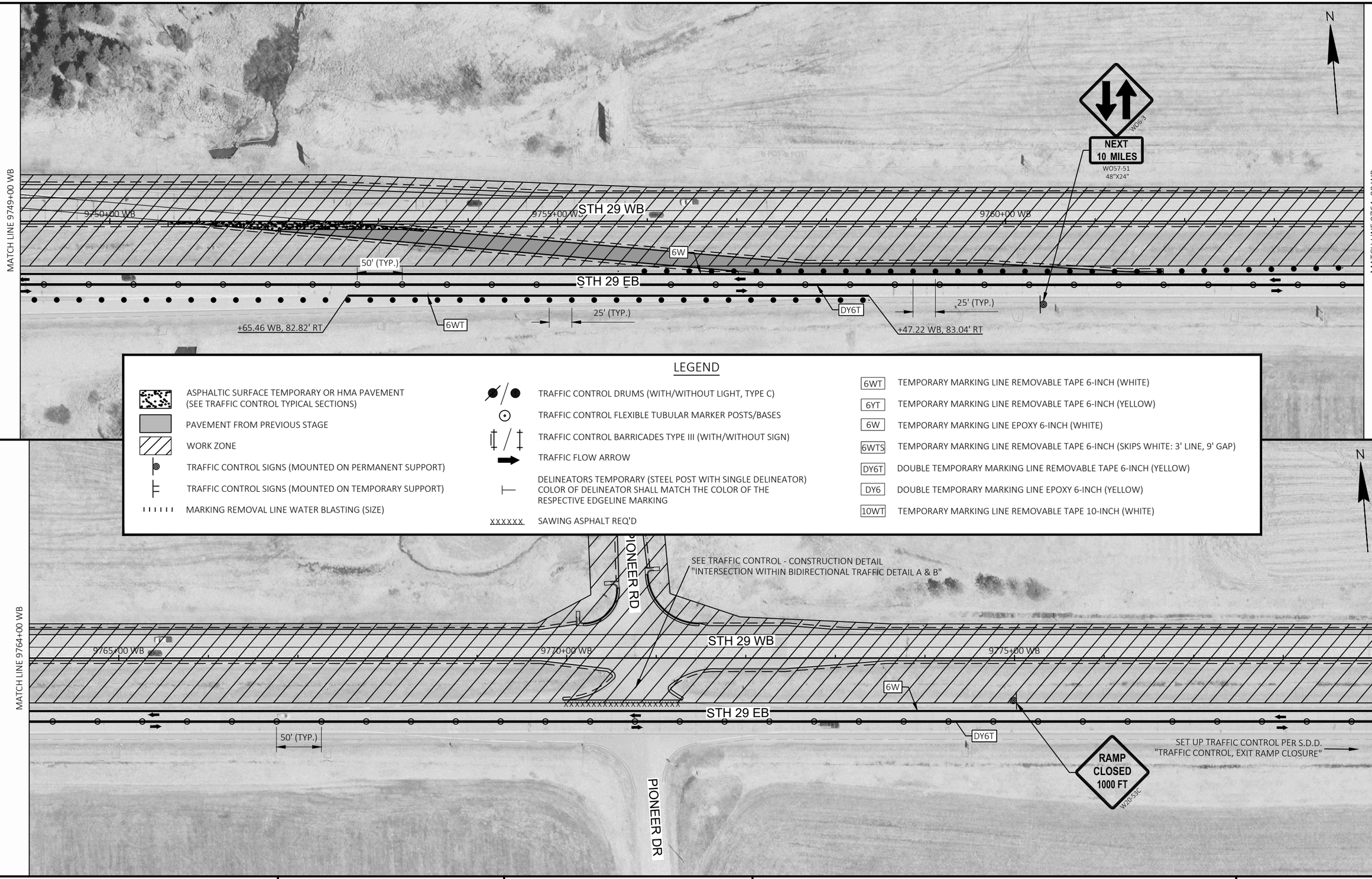
- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

6WT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
6YT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
6W	TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
6WTS	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
DY6T	DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
DY6	DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
10WT	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 126	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026002-s2a
PLOT DATE : 7/25/2025 2:09 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

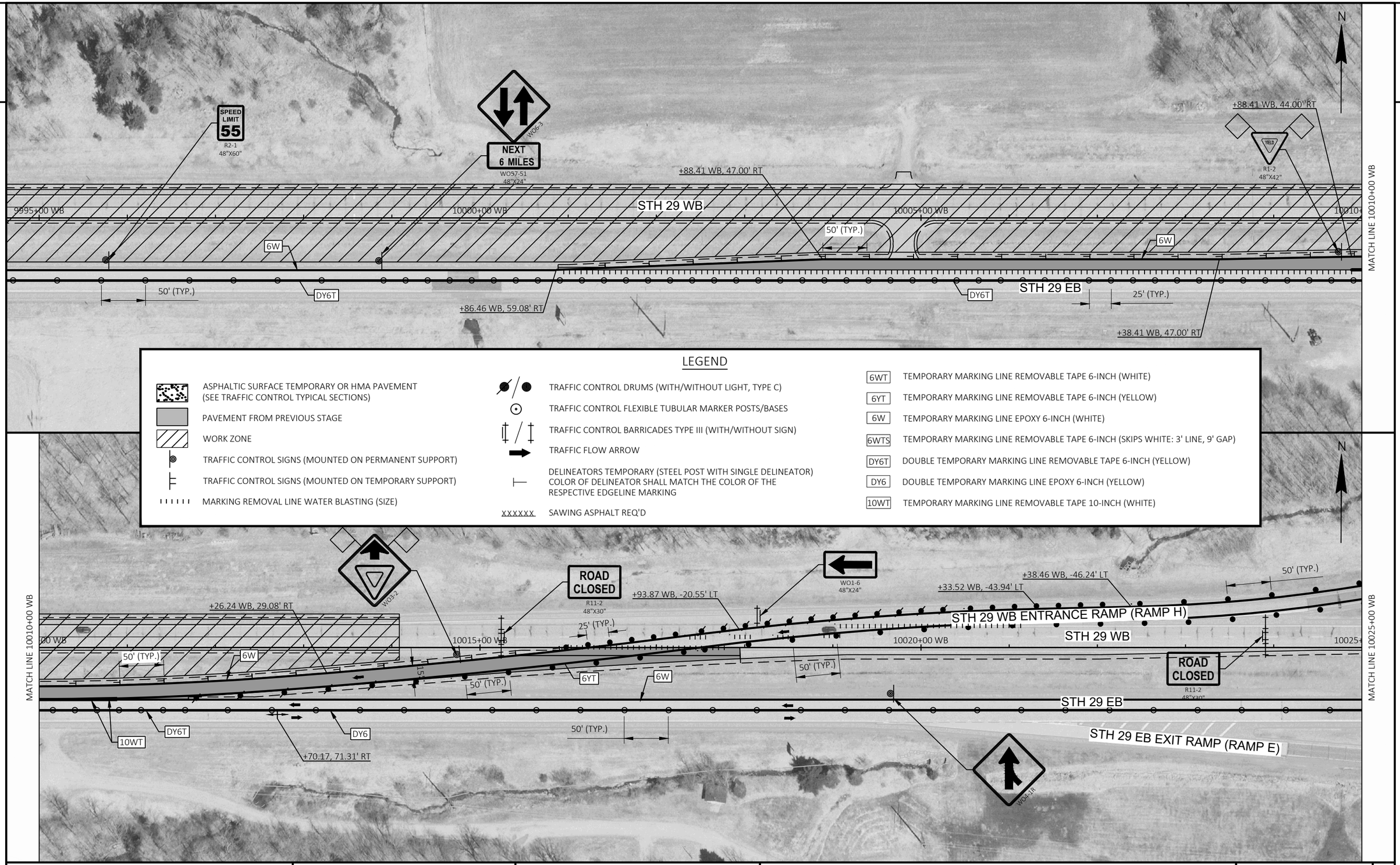
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

2

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 127	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026003-s2a
PLOT DATE : 6/27/2025 11:51 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 128	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026004-s2a
PLOT DATE : 6/27/2025 11:51 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

+07.26 WB, -71.26' LT

W01-4L

W06-3

NEXT 5 MILES
W057-51
48"X24"

STH 29 WB ENTRANCE RAMP (RAMP H)

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

STH 29 WB EXIT RAMP (RAMP G)

N

MATCH LINE 10025+00 WB

00 WB

10030+00 WB

STH 29 WB

10035+00 WB

10040+

MATCH LINE 10040+00 WB

CTH H

6W

DY6

STH 29 EB

50' (TYP.)

PLACE "END ROAD WORK" (G20-2A) SIGN ALONG OUTSIDE SHOULDER OF EXIT RAMP

DO NOT PASS
R4-1
36"X48"

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D

- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

STH 29 WB EXIT RAMP (RAMP G)

+39.40 WB, -28.10' LT

50' (TYP.)

ROAD CLOSED
R11-2
48"X30"

6W

6Y

00 WB

STH 29 WB

10045+00 WB

10050+00 WB

50' (TYP.)

10055+

MATCH LINE 10040+00 WB

MATCH LINE 10055+00 WB

STH 29 EB

25' (TYP.)

DY6

50' (TYP.)

500'

500'

25' (TYP.)

STH 29 EB ENTRANCE RAMP (RAMP F)

ROAD WORK AHEAD
W20-1A

W03-2

YIELD
R1-2
48"X42"

DO NOT PASS
R4-1
36"X48"

WO1-6
48"X24"

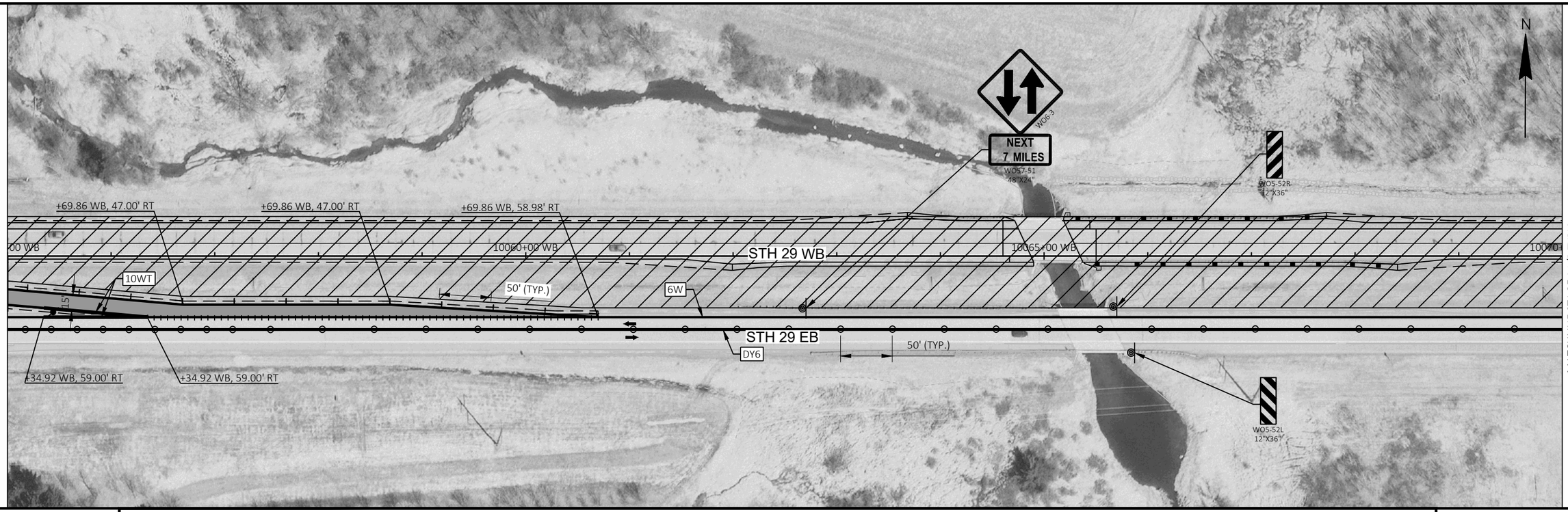
EXIT
E5-1
48"x48"

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 129	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026005-s2a

PLOT DATE : 6/27/2025 11:51 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



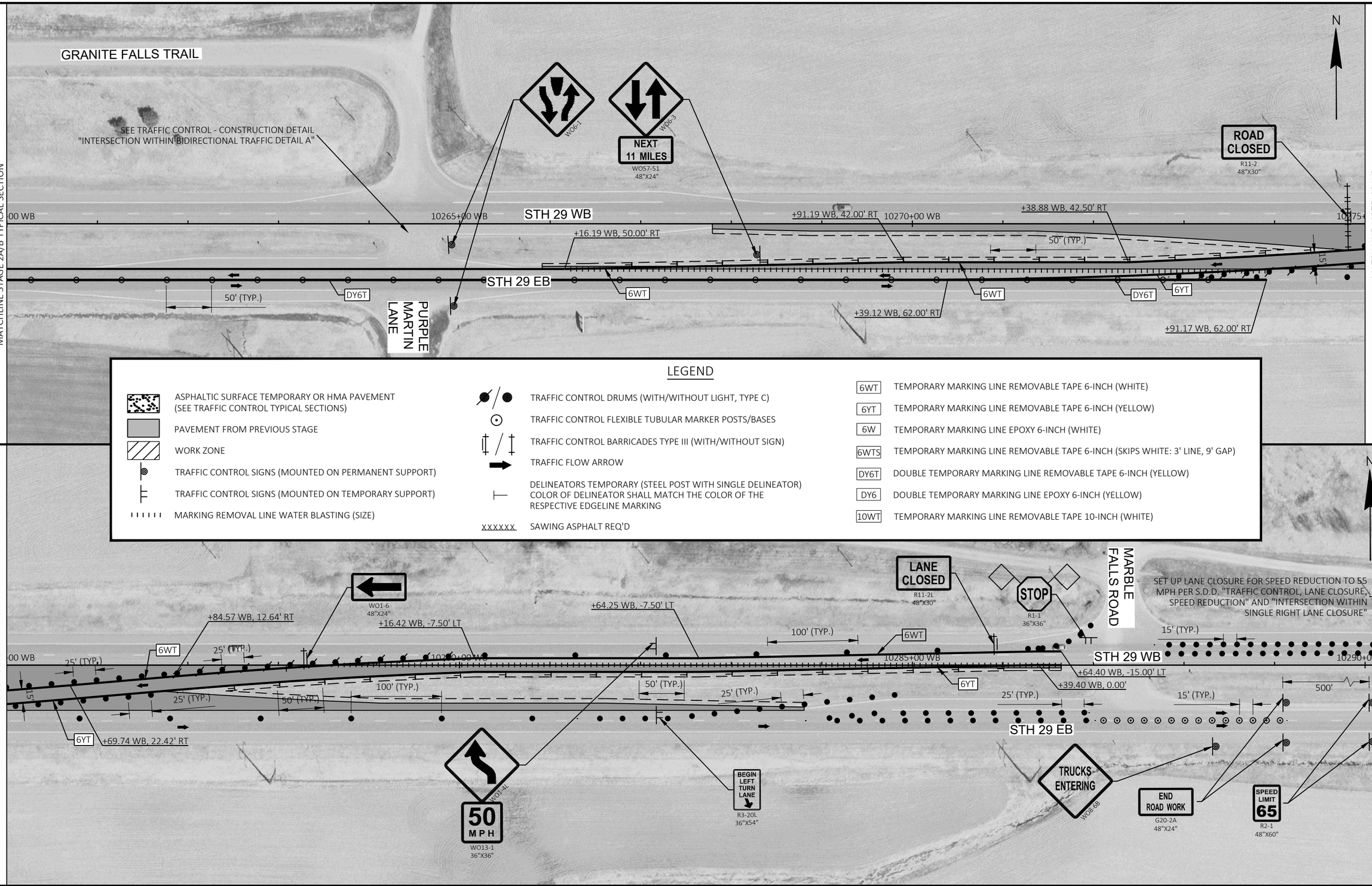
LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D

6WT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
6YT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
6W	TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
6WTS	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
DY6T	DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
DY6	DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
10WT	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 130	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026006-s2a
PLOT DATE : 6/27/2025 11:51 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



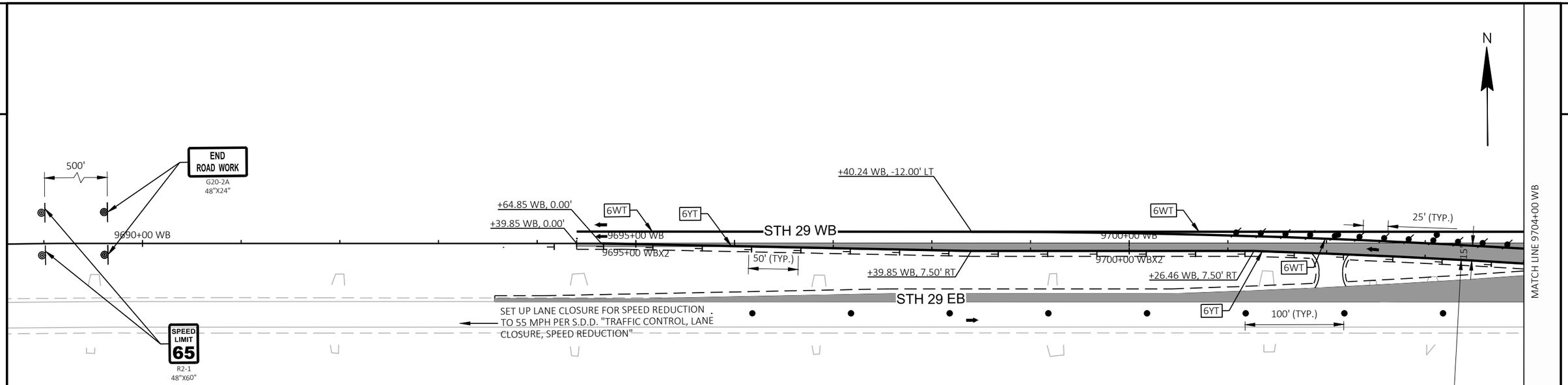
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2A	SHEET 131	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026103-S2A.DWG
LAYOUT NAME - 026007-s2a

PLOT DATE : 7/25/2025 2:06 PM PLOT BY : JACK, ROBERT A. PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

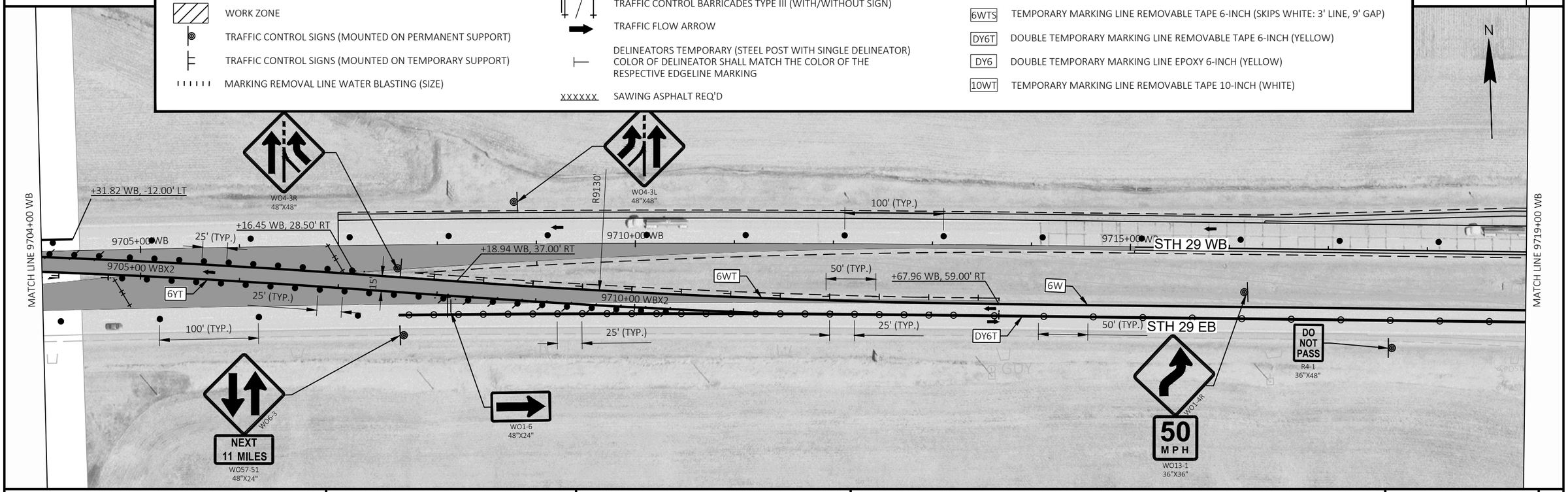
2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D

- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2B	SHEET 132	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026104-S2B.DWG
LAYOUT NAME - 026101-s2b
PLOT DATE : 6/27/2025 11:52 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

N

MATCH LINE 9719+00 WB

MATCH LINE 9734+00 WB

ROAD CLOSED
R11-2
48"X30"

STH 29 WB ENTRANCE RAMP (RAMP D)

9720+00 WB

9725+00 WB

STH 29 WB

9730+00 WB

DY6T

6W

50' (TYP.)

STH 29 EB

STH 29 EB EXIT RAMP (RAMP A)

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

6WT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
6YT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
6W	TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
6WTS	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
DY6T	DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
DY6	DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
10WT	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

DO NOT PASS
R4-1
36"X48"

STH 97

STH 29 WB EXIT RAMP (RAMP C)

9745+00 C

50' (TYP.)

ROAD CLOSED
R11-2
48"X30"

+51.84 WB, -42.94' LT

6WT

6YT

+50.54 WB, -28.00' LT

MATCH LINE 9734+00 WB

9735+00 WB

STH 29 WB

9740+00 WB

9745+00 WB

6W

STH 29 EB

50' (TYP.)

DY6T

9745+00 B

ROAD WORK AHEAD
W20-1A

9740+00 B

STH 29 EB ENTRANCE RAMP (RAMP B)

W20-2

W06-3

NEXT 1 MILE
WO57-51
48"X24"

N

MATCH LINE 9749+00 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2B	SHEET 133	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026104-S2B.DWG
LAYOUT NAME - 026102-s2b
PLOT DATE : 7/25/2025 2:11 PM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 9749+00 WB

ROAD CLOSED
R11-2
48"X30"

WO1-6
48"X24"

EXIT
E5-1
48"X48"

NEXT
10 MILES
WO57-51
48"X24"

WO6-3

+75.90 WB, 47.00' RT

+75.90 WB, 47.00' RT

+75.90 WB, 59.00' RT

50' (TYP.)

15

9750+00 CX

9750+00 WB

STH 29 WB EXIT RAMP (RAMP C)

9755+00 WB

STH 29 WB

6W

9755+00 CX

9760+00 WB

50' (TYP.)

6W

25' (TYP.)

6YT

50' (TYP.)

9760+00 CX

6W

STH 29 EB

DY6T

50' (TYP.)

25' (TYP.)

10WT

+38.27 WB, 58.96' RT

+38.30 WB, 58.75' RT

YIELD
R1-2
48"X42"

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

N

2

MATCH LINE 9764+00 WB

PIONEER RD

SEE TRAFFIC CONTROL - CONSTRUCTION DETAIL "INTERSECTION WITHIN BIDIRECTIONAL TRAFFIC DETAIL A&B" FOR ADDITIONAL INFORMATION

9765+00 WB

9770+00 WB

STH 29 WB

9775+00 WB

6W

STH 29 EB

DY6T

50' (TYP.)

PIONEER DR

MATCH LINE 9764+00 WB

MATCHLINE STAGE 2A/B TYPICAL SECTION

N

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2B	SHEET 134	E

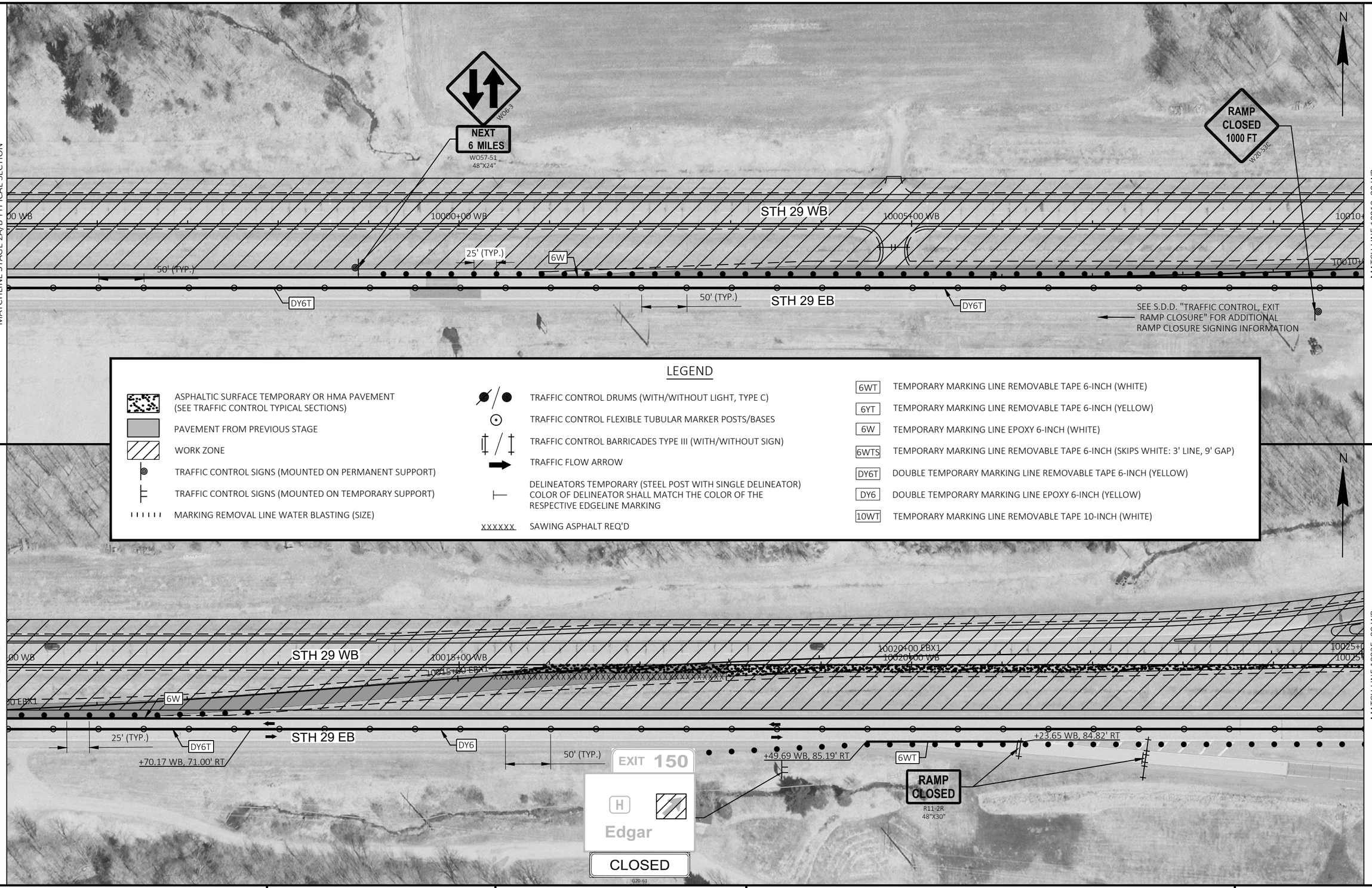
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026104-S2B.DWG
LAYOUT NAME - 026103-s2b

PLOT DATE : 6/27/2025 11:53 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STAGE 2A/B TYPICAL SECTION



MATCH LINE 10010+00 WB

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D

- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

MATCH LINE 10010+00 WB

MATCH LINE 10025+00 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2B	SHEET 135	E

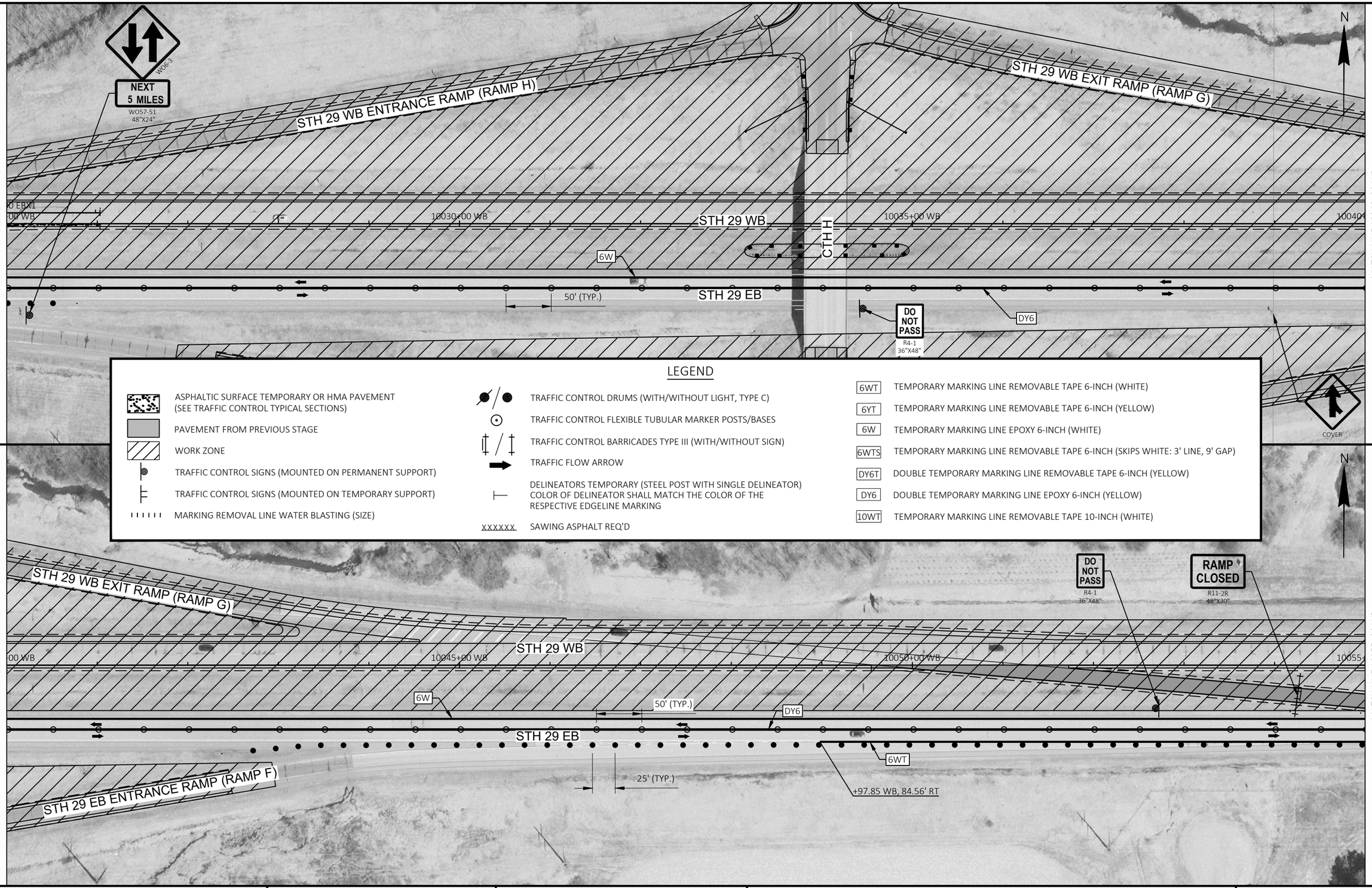
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026104-S2B.DWG
LAYOUT NAME - 026104-s2b
PLOT DATE : 6/27/2025 11:53 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 10025+00 WB

MATCH LINE 10040+00 WB

2



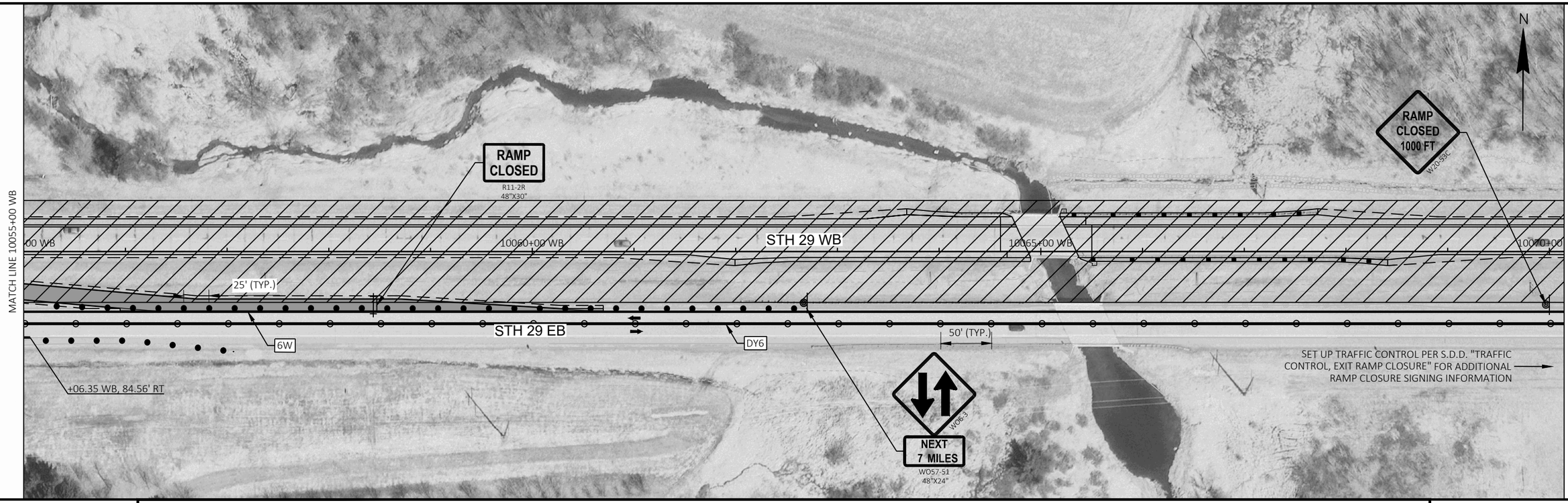
LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2B	SHEET 136	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026104-S2B.DWG
LAYOUT NAME - 026105-s2b

PLOT DATE : 6/27/2025 11:53 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

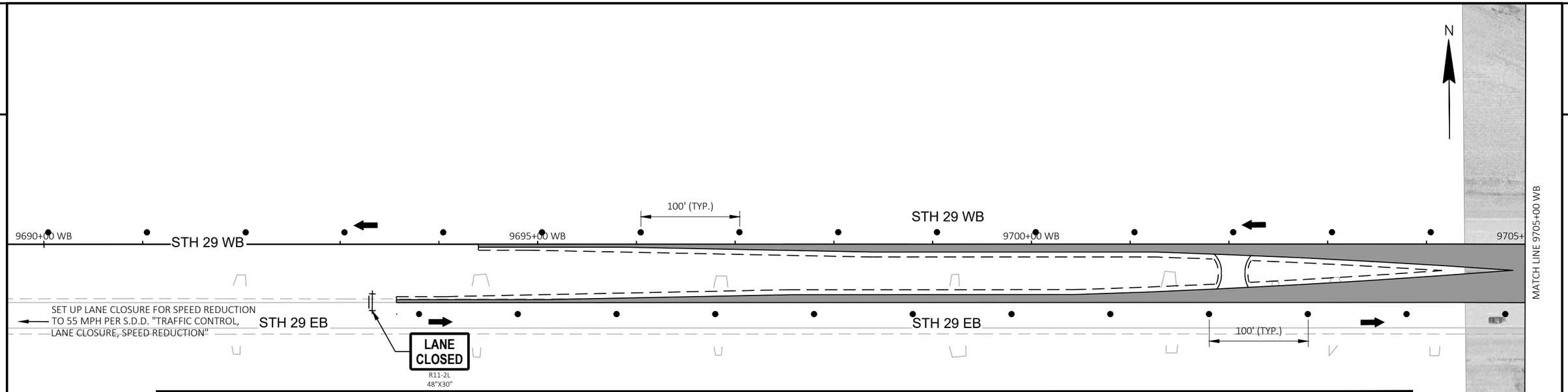


2

LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

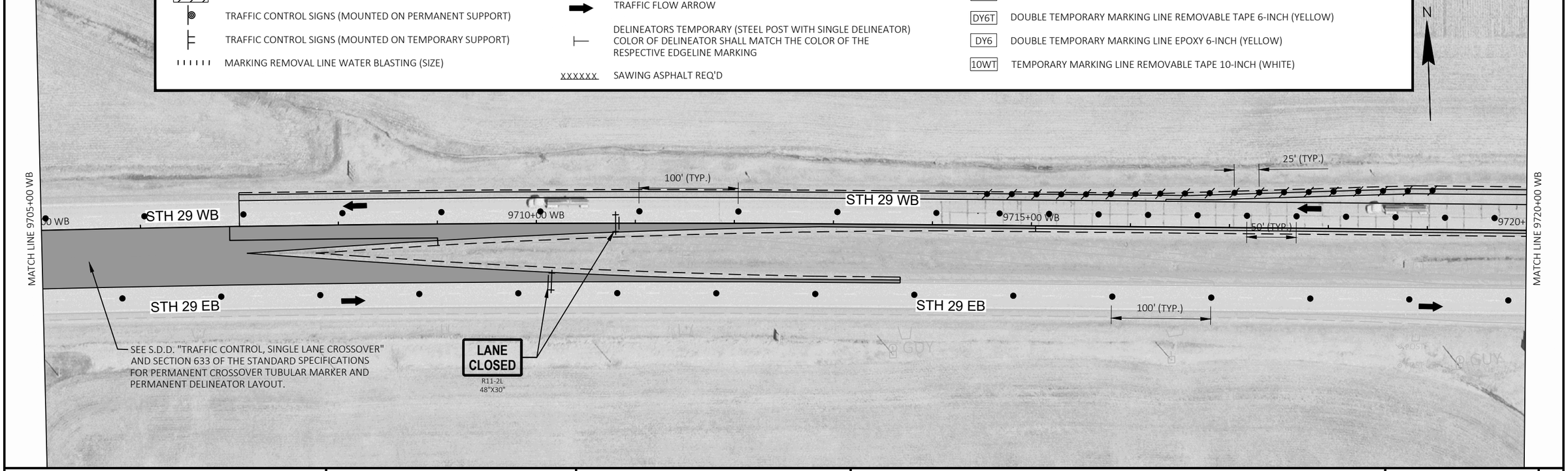
2



LEGEND

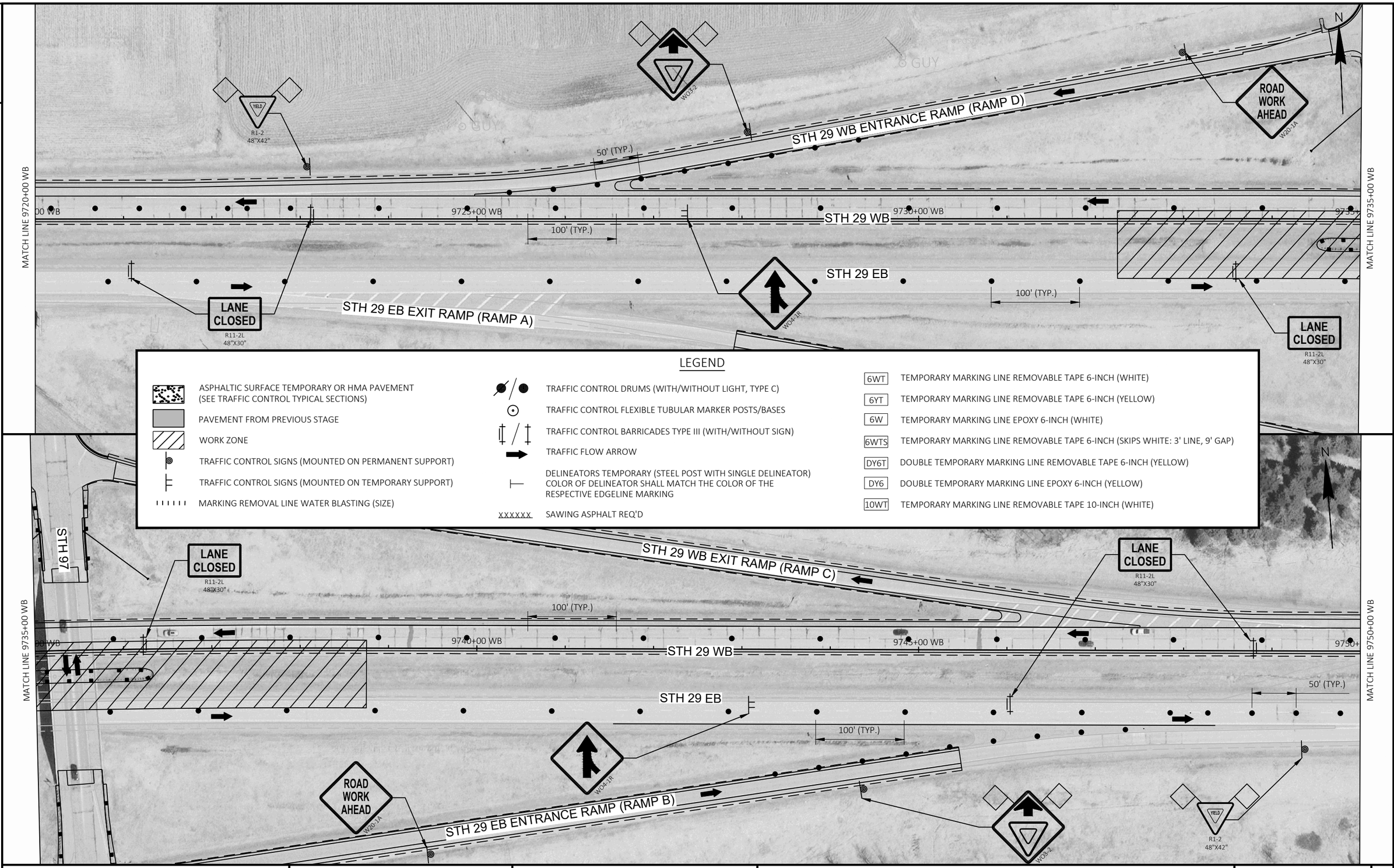
- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D

- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 3	SHEET 138	E

2

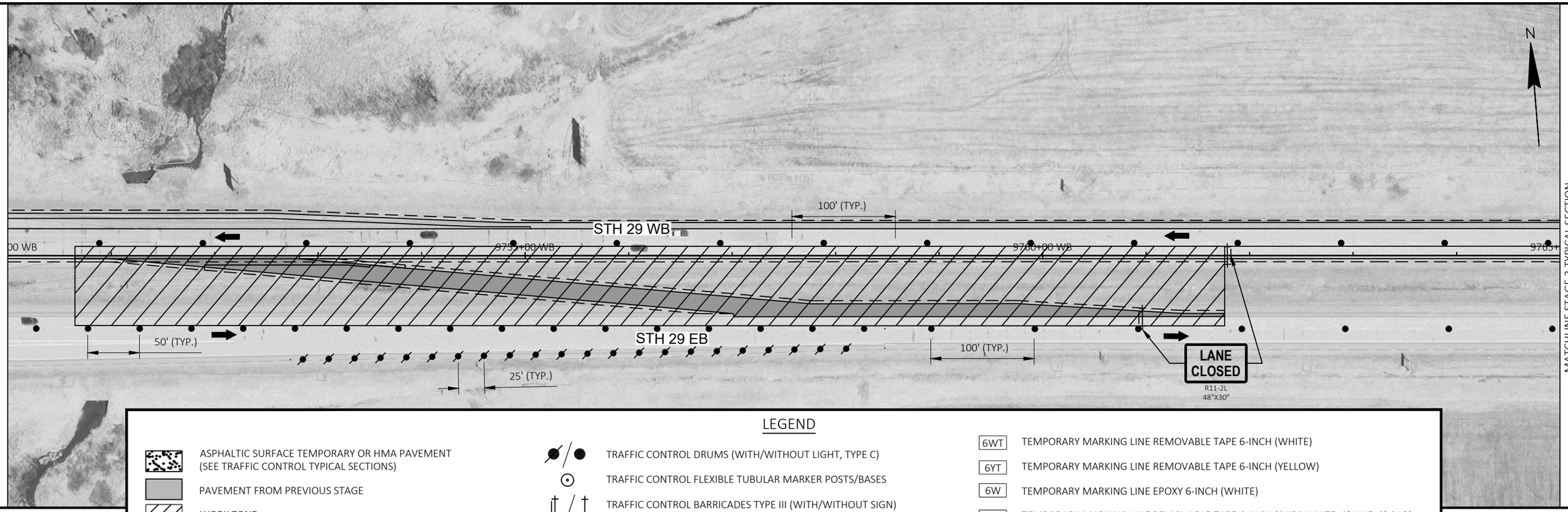


LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 3	SHEET 139 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026105-S3.DWG
LAYOUT NAME - 026102-s3
PLOT DATE : 6/30/2025 11:27 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

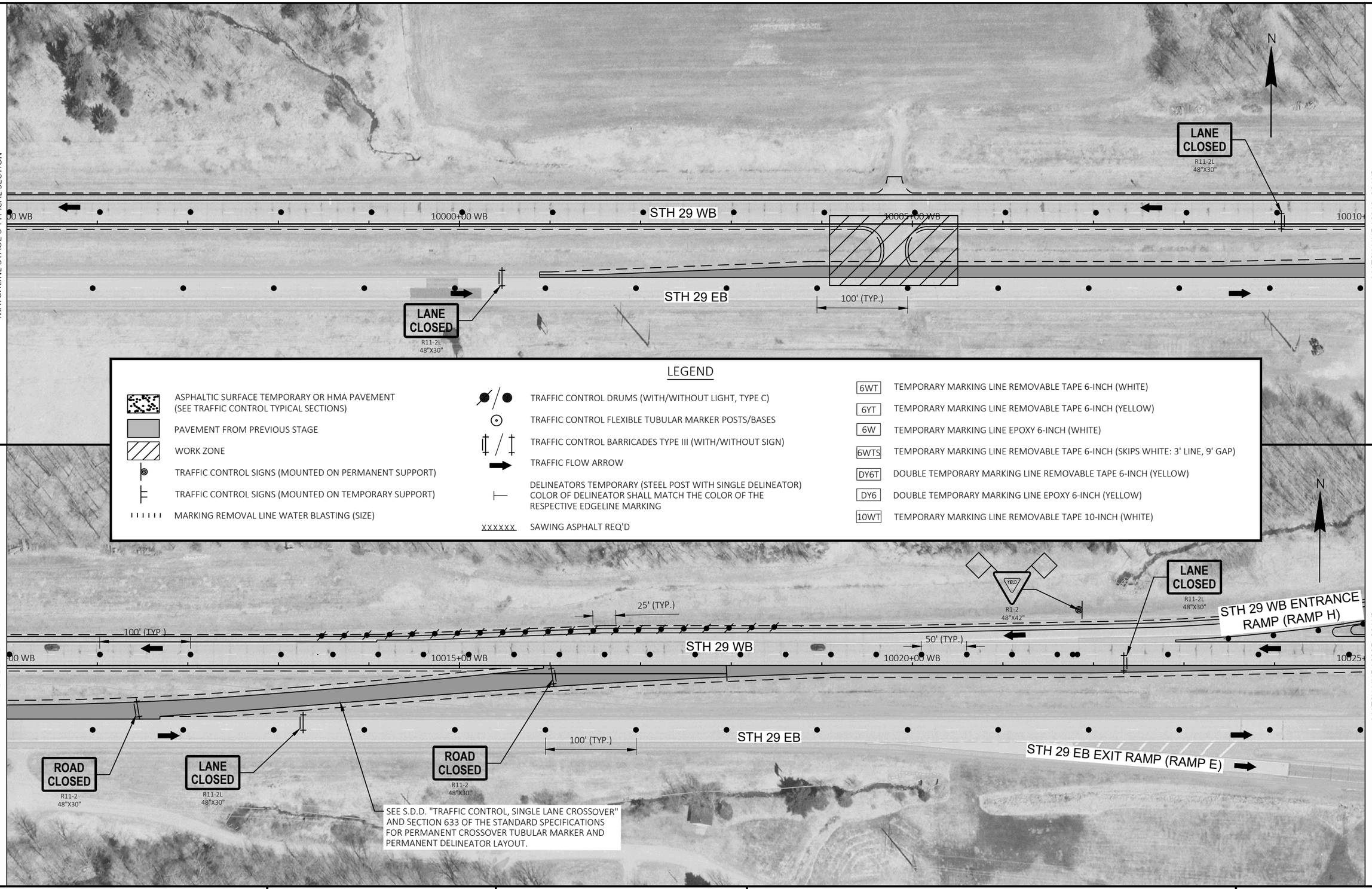


LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

2

MATCHLINE STAGE 3 TYPICAL SECTION



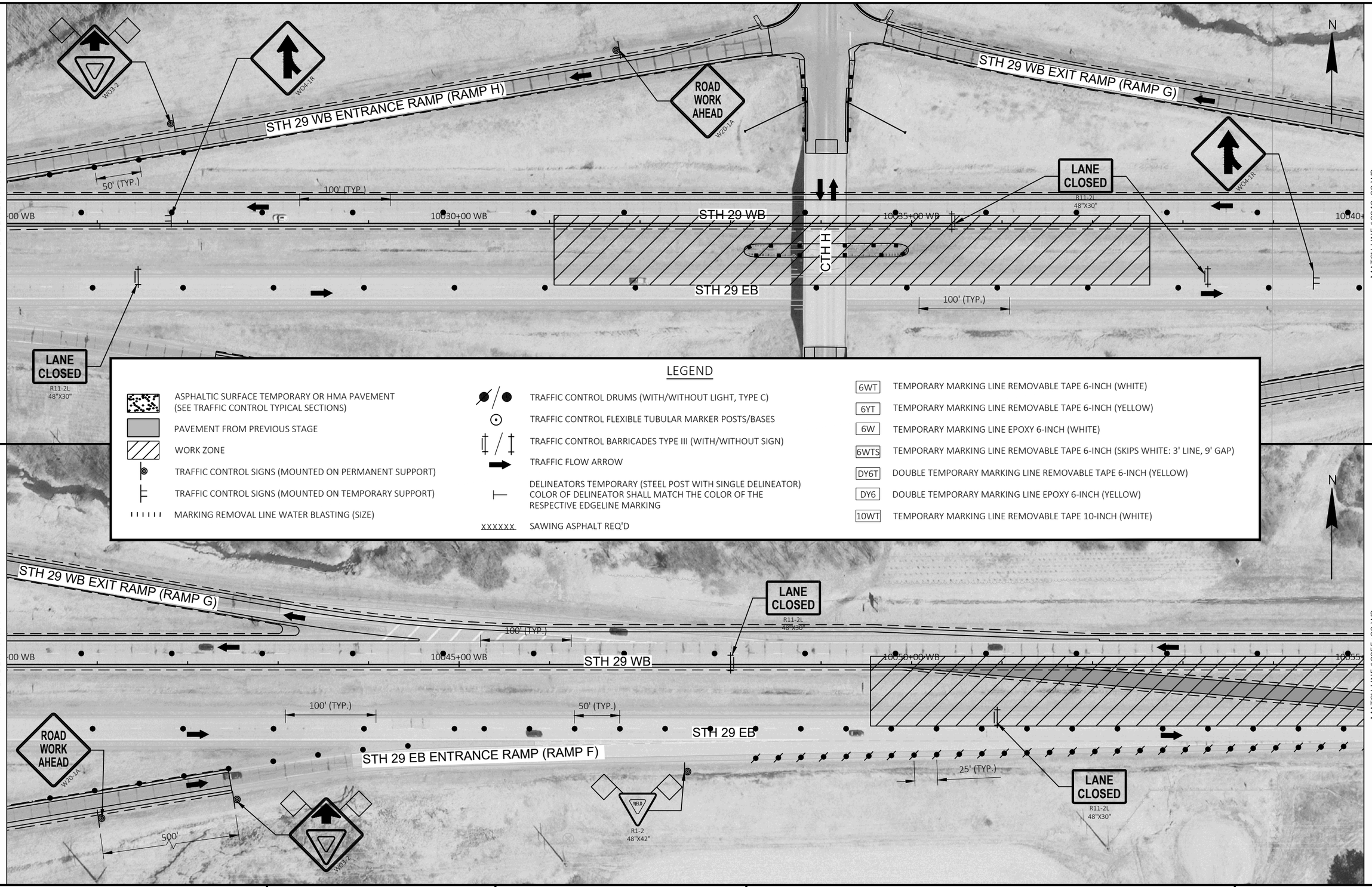
LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 3	SHEET 141	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026105-S3.DWG
LAYOUT NAME - 026104-s3
PLOT DATE : 7/1/2025 8:06 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

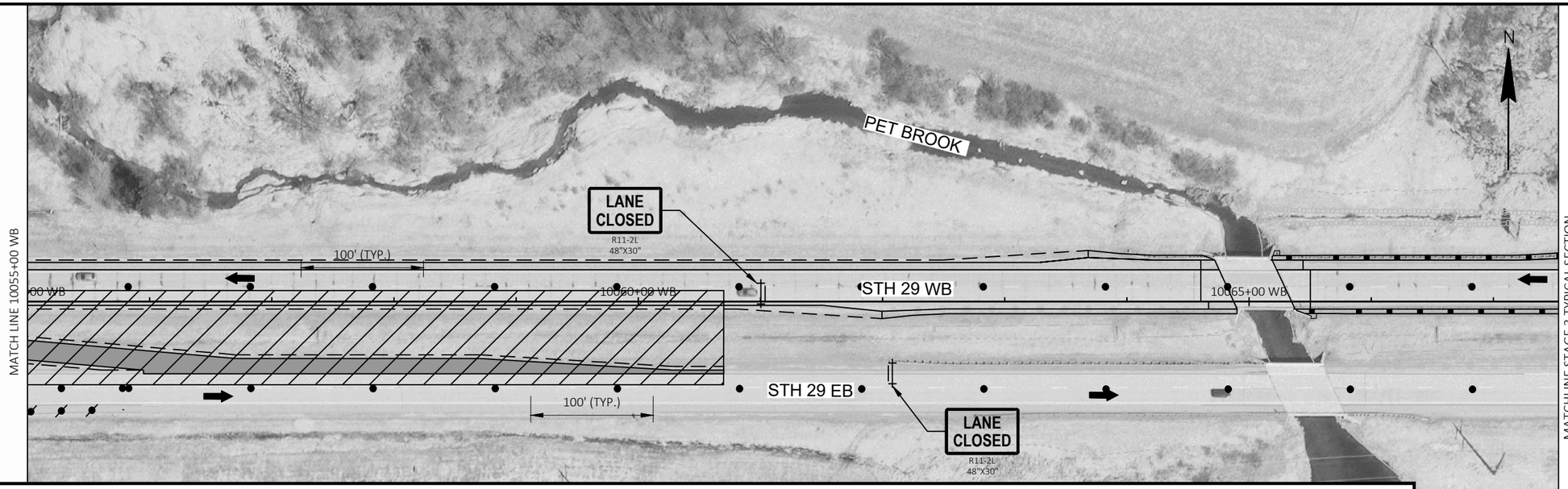


LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- XXXXXX SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 3	SHEET 142	E

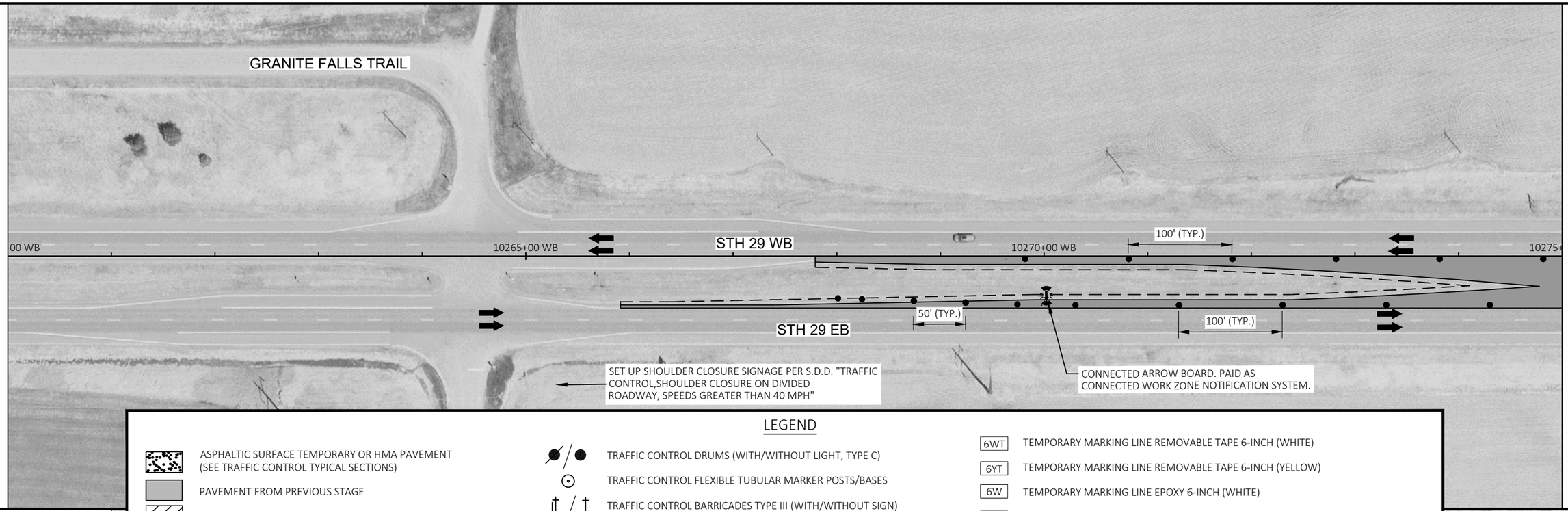
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026105-S3.DWG
LAYOUT NAME - 026105-s3
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- xxxxxx SAWING ASPHALT REQ'D
- 6WT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- 6YT TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- 6W TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)

2



LEGEND

- ASPHALTIC SURFACE TEMPORARY OR HMA PAVEMENT (SEE TRAFFIC CONTROL TYPICAL SECTIONS)
- PAVEMENT FROM PREVIOUS STAGE
- WORK ZONE
- TRAFFIC CONTROL SIGNS (MOUNTED ON PERMANENT SUPPORT)
- TRAFFIC CONTROL SIGNS (MOUNTED ON TEMPORARY SUPPORT)
- MARKING REMOVAL LINE WATER BLASTING (SIZE)
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT LIGHT, TYPE C)
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS/BASES
- TRAFFIC CONTROL BARRICADES TYPE III (WITH/WITHOUT SIGN)
- TRAFFIC FLOW ARROW
- DELINEATORS TEMPORARY (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
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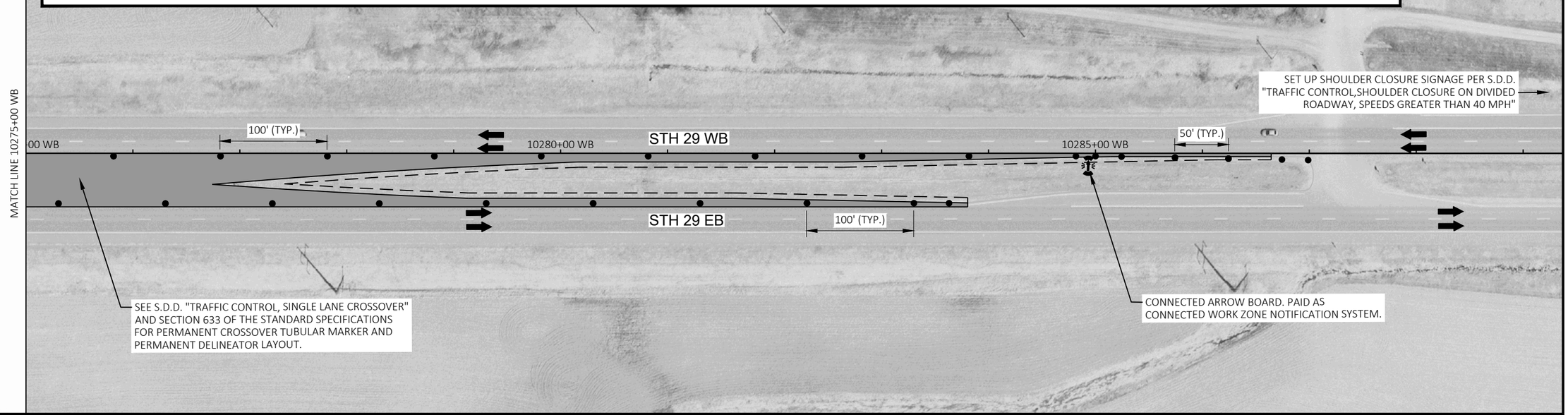
- 6WTS TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (SKIPS WHITE: 3' LINE, 9' GAP)
- DY6T DOUBLE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- DY6 DOUBLE TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- 10WT TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 3	SHEET 144	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\026105-S3.DWG
LAYOUT NAME - 026107-s3
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

GENERAL NOTES

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

REMOVE OR COVER ANY SIGN, TEMPORARY OR EXISTING, WHICH CONFLICTS WITH TRAFFIC CONTROL "IN USE", OR AS APPROVED BY THE ENGINEER.

"WO" AND "W" SIGNS SHALL BE 48"x48" UNLESS OTHERWISE NOTED.

SEE S.D.D. "DETOUR SIGNING FOR MAINLINE CLOSURES", "BARRICADES AND SIGNS FOR MAINLINE CLOSURES".

LEGEND

STH 97 DETOUR:

- NORTHBOUND STH 97: STH 153 (WB) TO STH 13 (NB) TO STH 64 (EB)
- SOUTHBOUND STH 97: STH 64 (WB) TO STH 13 (SB) TO STH 153 (EB)

STH 97 INTERCHANGE CLOSURE ROUTES:

WESTBOUND STH 29 (NORTHBOUND STH 97)):
- NORTHBOUND STH 97: STH 29 (WB) TO STH 13 (NB) TO STH 64 (EB)
- SOUTHBOUND STH 97: STH 29 (WB) TO STH 13 (SB) TO STH 153 (EB)

WESTBOUND STH 29 (SOUTHBOUND STH 97):
- NORTHBOUND STH 97: STH 29 (WB) TO STH 107 (NB) TO STH 64 (WB)
- SOUTHBOUND STH 97: STH 29 (WB) TO STH 107 (SB) TO STH 153 (WB)

EASTBOUND STH 29:
- NORTHBOUND STH 97: STH 29 (EB) TO STH 13 (NB) TO STH 64 (EB)
- SOUTHBOUND STH 97: STH 29 (EB) TO STH 13 (SB) TO STH 153 (EB)

WORK ZONE

TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II

TRAFFIC CONTROL SIGNS

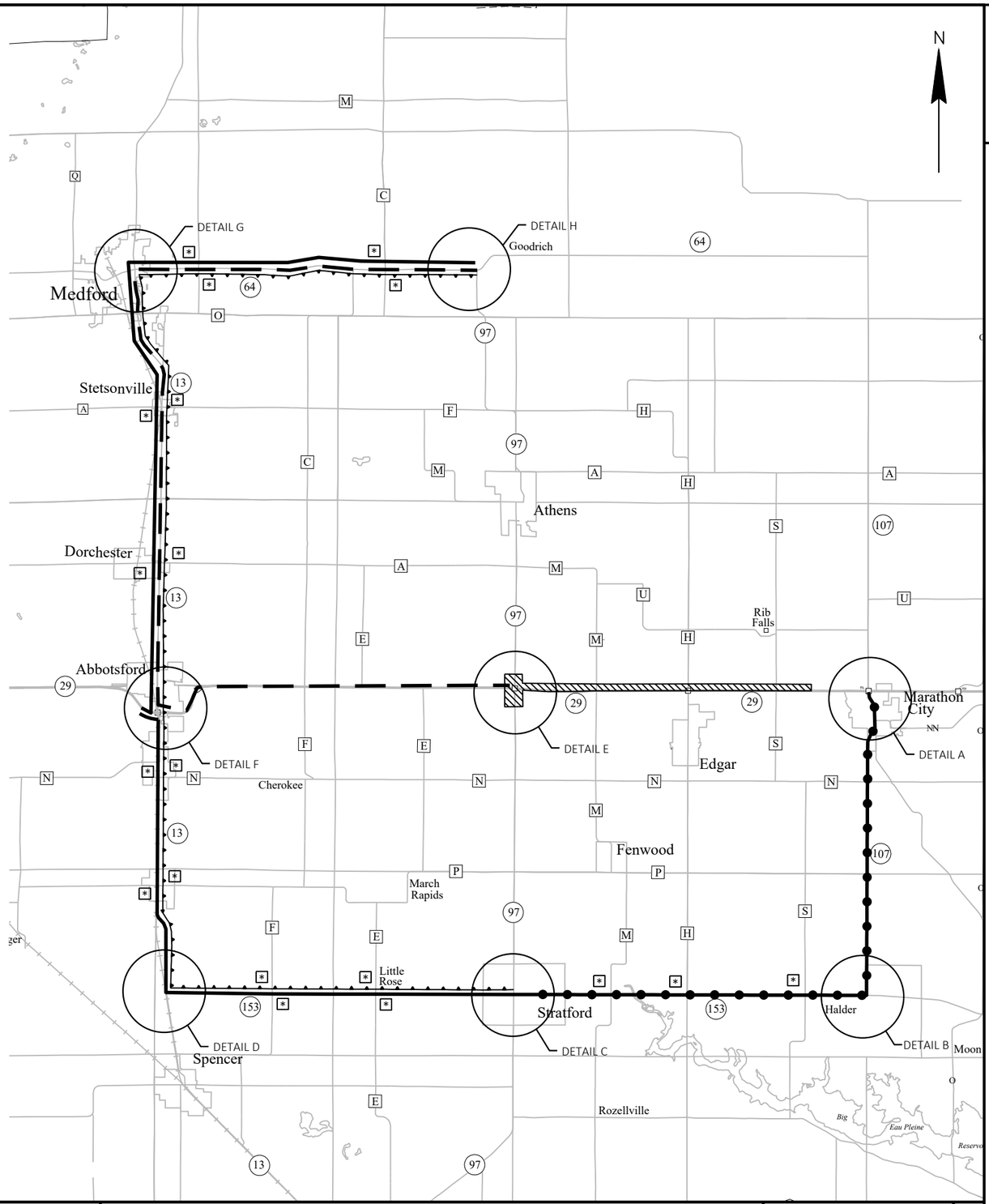
EXISTING TYPE I/II SIGN

TRAFFIC CONTROL BARRICADES TYPE III

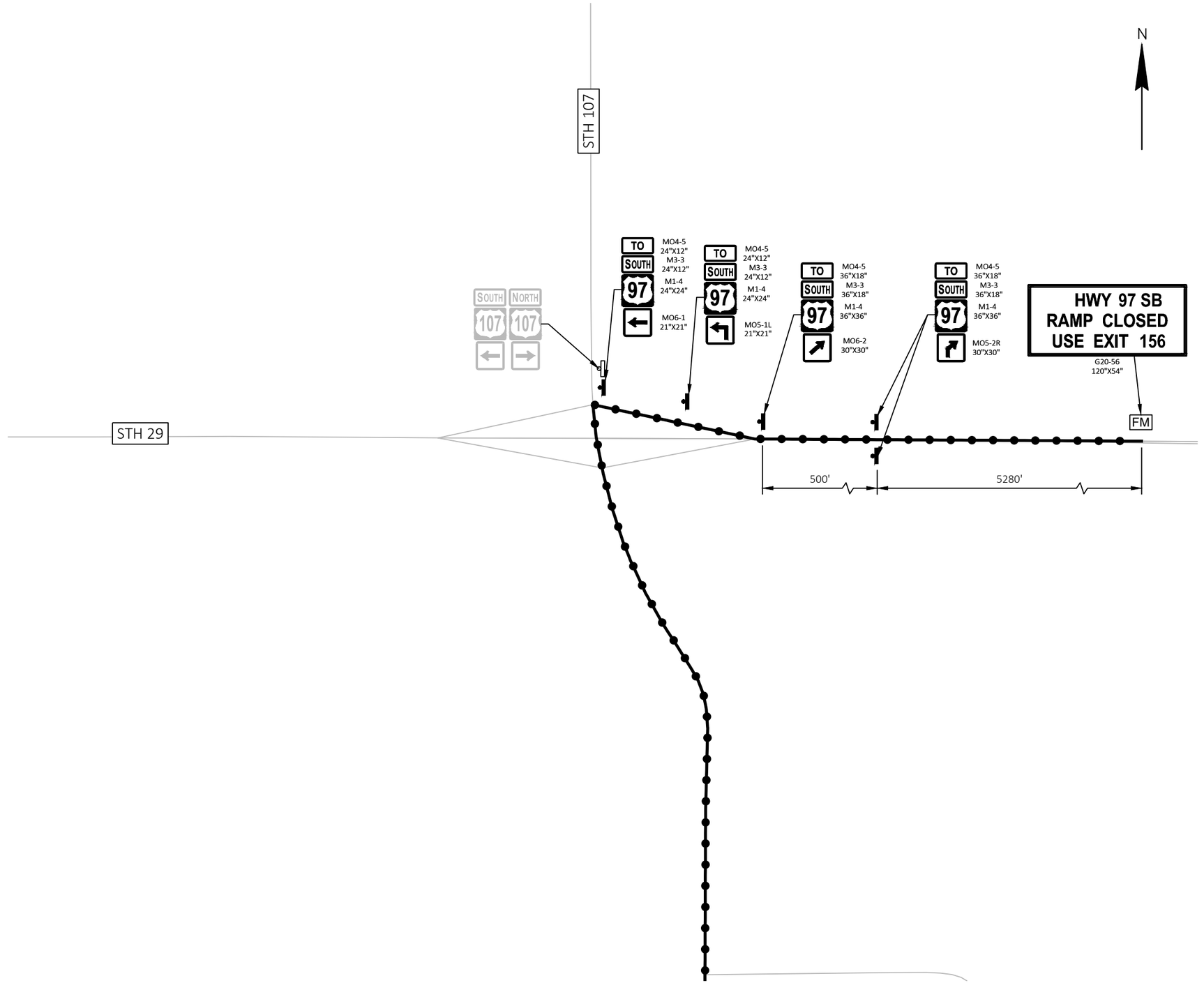
TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)

MB TRAFFIC CONTROL SIGNS PCMS

[*] PLACE DETOUR ROUTE CONFIRMATION SIGNS AFTER EVERY STATE OR COUNTY ROUTE OR 4 MILES MAXIMUM SPACING.



2



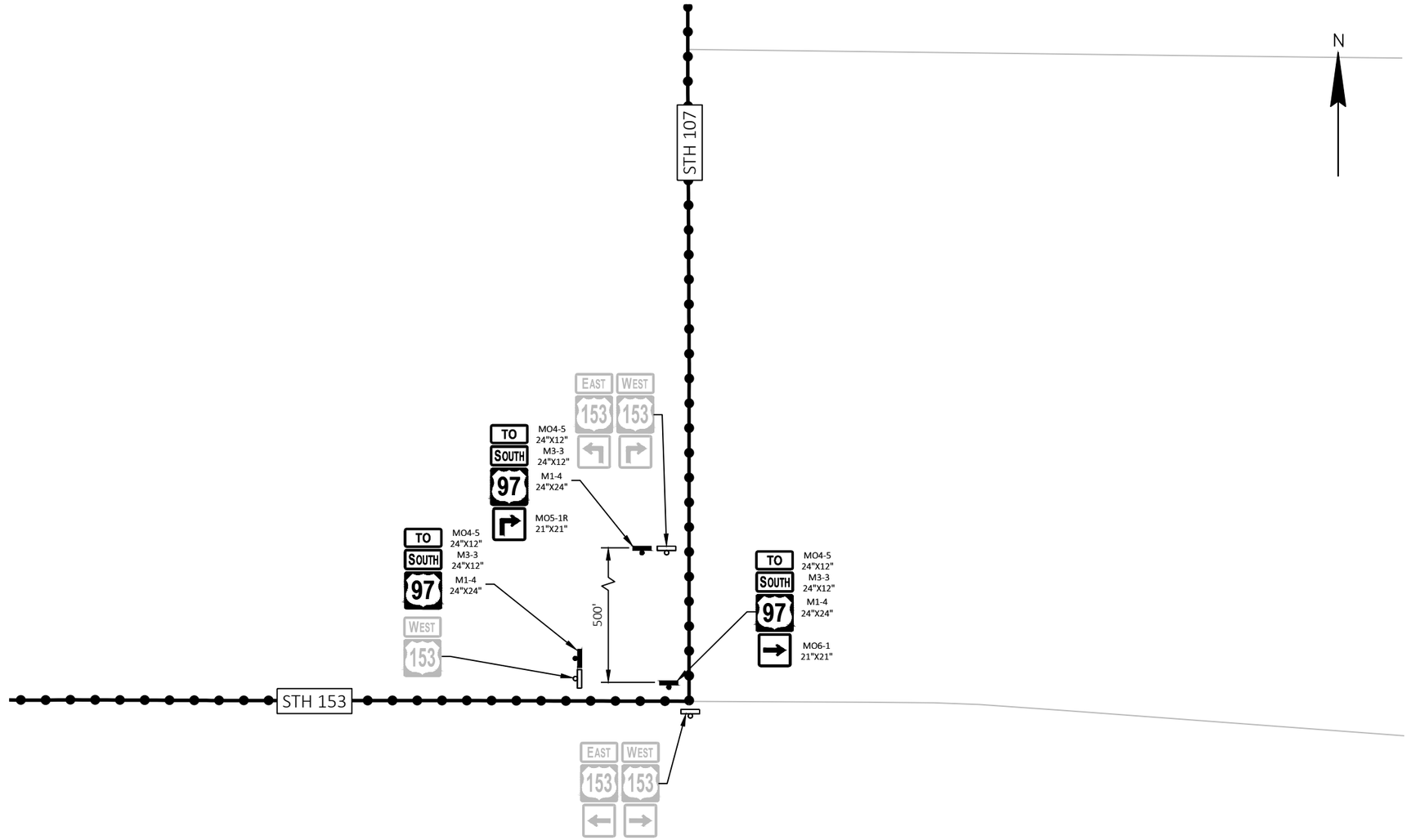
LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL A)	SHEET 146	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027002-dt
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL B)	SHEET 147	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027003-dt
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL SIGNS
G20-57 TO BE INSTALLED 7 DAYS
PRIOR TO CLOSURE.

HWY 97
ROAD CLOSED
BEGINS XXX-XX

G20-57C
72"X36"

~~FOLLOW DETOUR~~
USE ONLY ONCE WHEN ROAD IS CLOSED

ROAD CLOSED
TO THRU TRAFFIC
9 1/2 MILES AHEAD

R11-3
60"X30"

STH 97

STH 153

FM

NORTH 97

DETOUR M4-9L 30"X24"

WEST 153 EAST 153

97

DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
97 M1-4 24"X24"
MO6-1 21"X21"

A4-12
9.5" X 9.5"
Athens
Mosinee

500'

500'

DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
97 M1-4 24"X24"
MO5-1L 21"X21"

DETOUR AHEAD
W20-2A

N

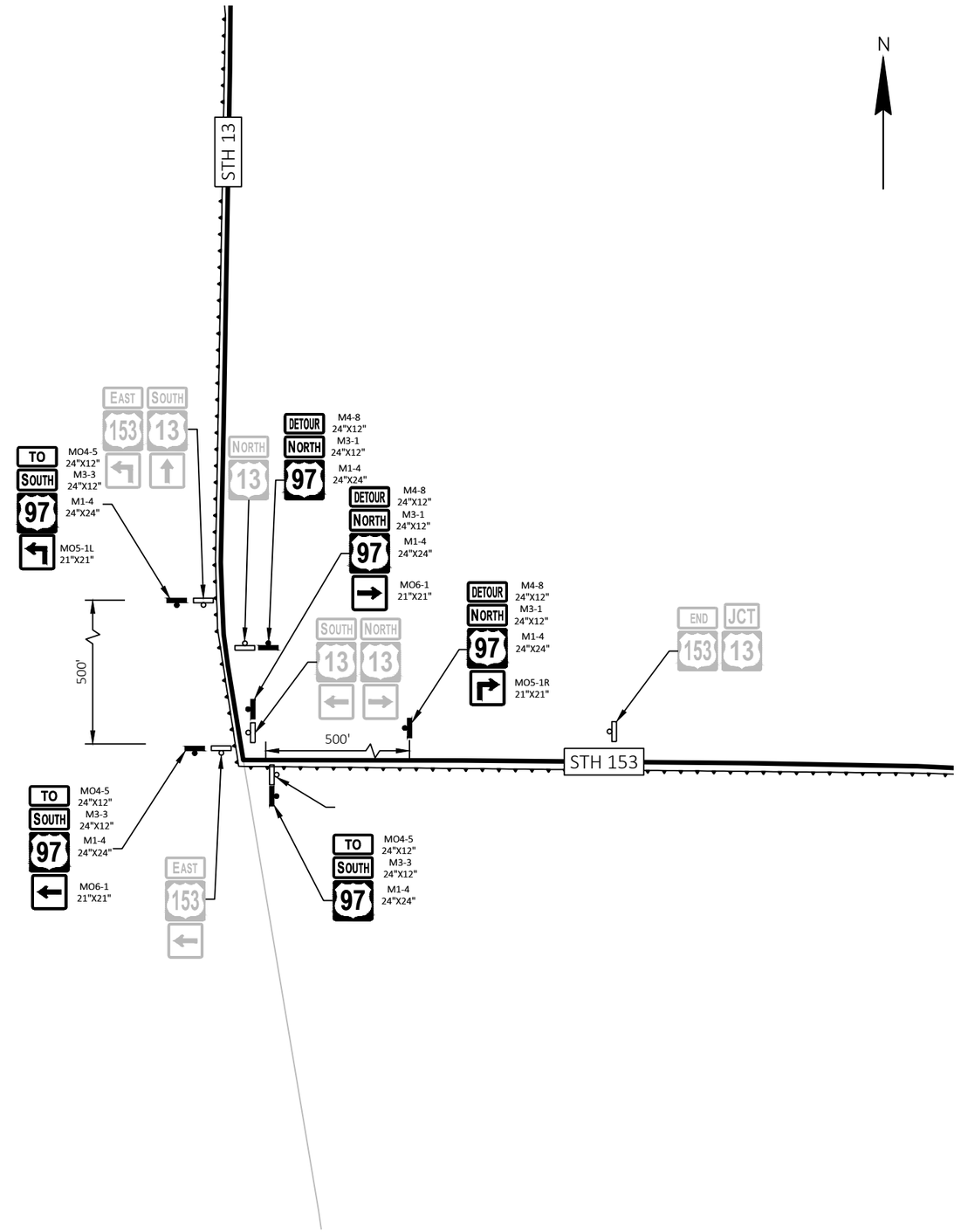
LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL C)	SHEET 148	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027004-dt
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : ############
WISDOT/CADDS SHEET 42

2



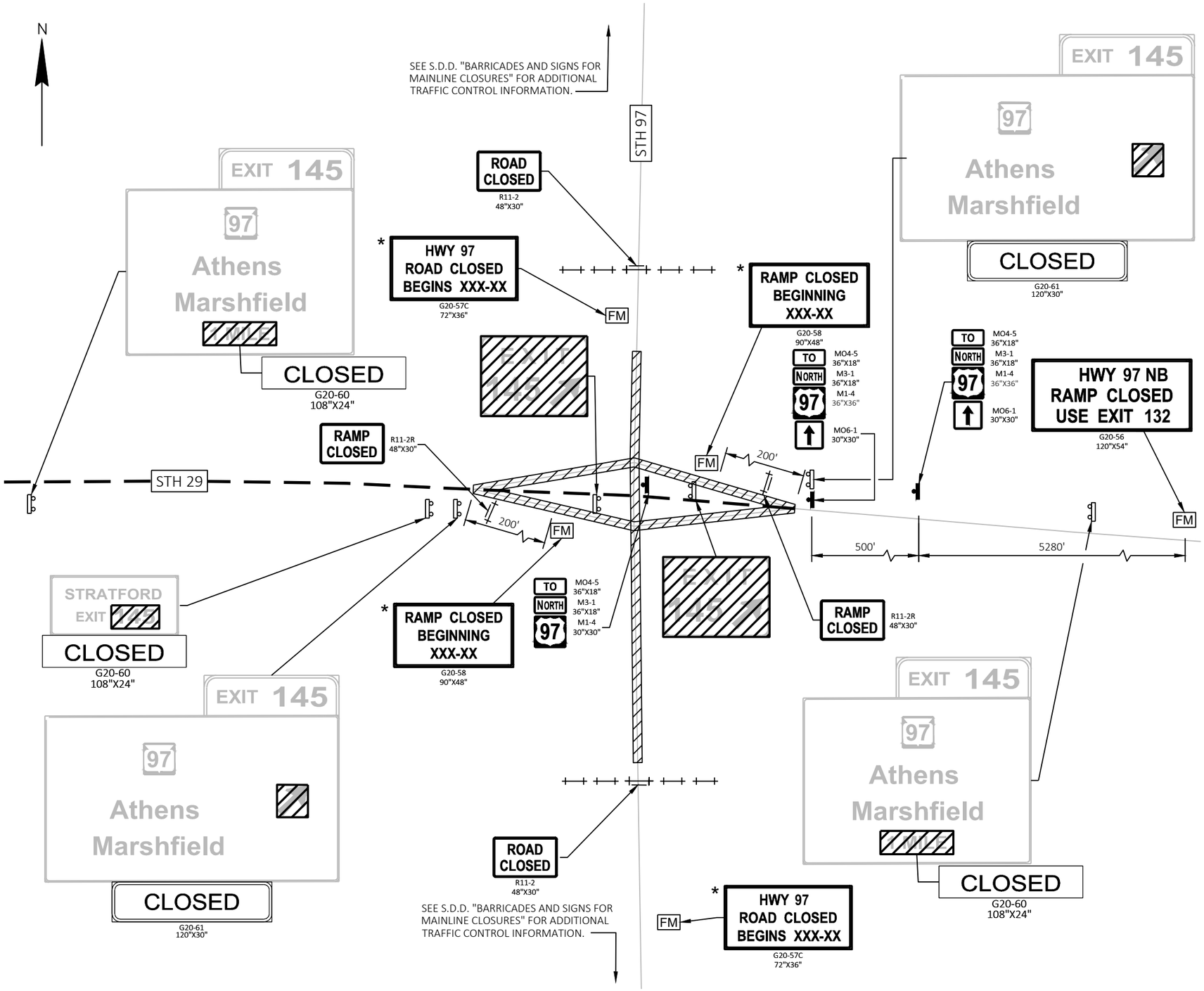
LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL D)	SHEET 149	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027005-dt
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

* TRAFFIC CONTROL SIGNS G20-57 AND G20-58 TO BE INSTALLED 7 DAYS PRIOR TO CLOSURE AND REMOVED WHEN CLOSURE BEGINS.



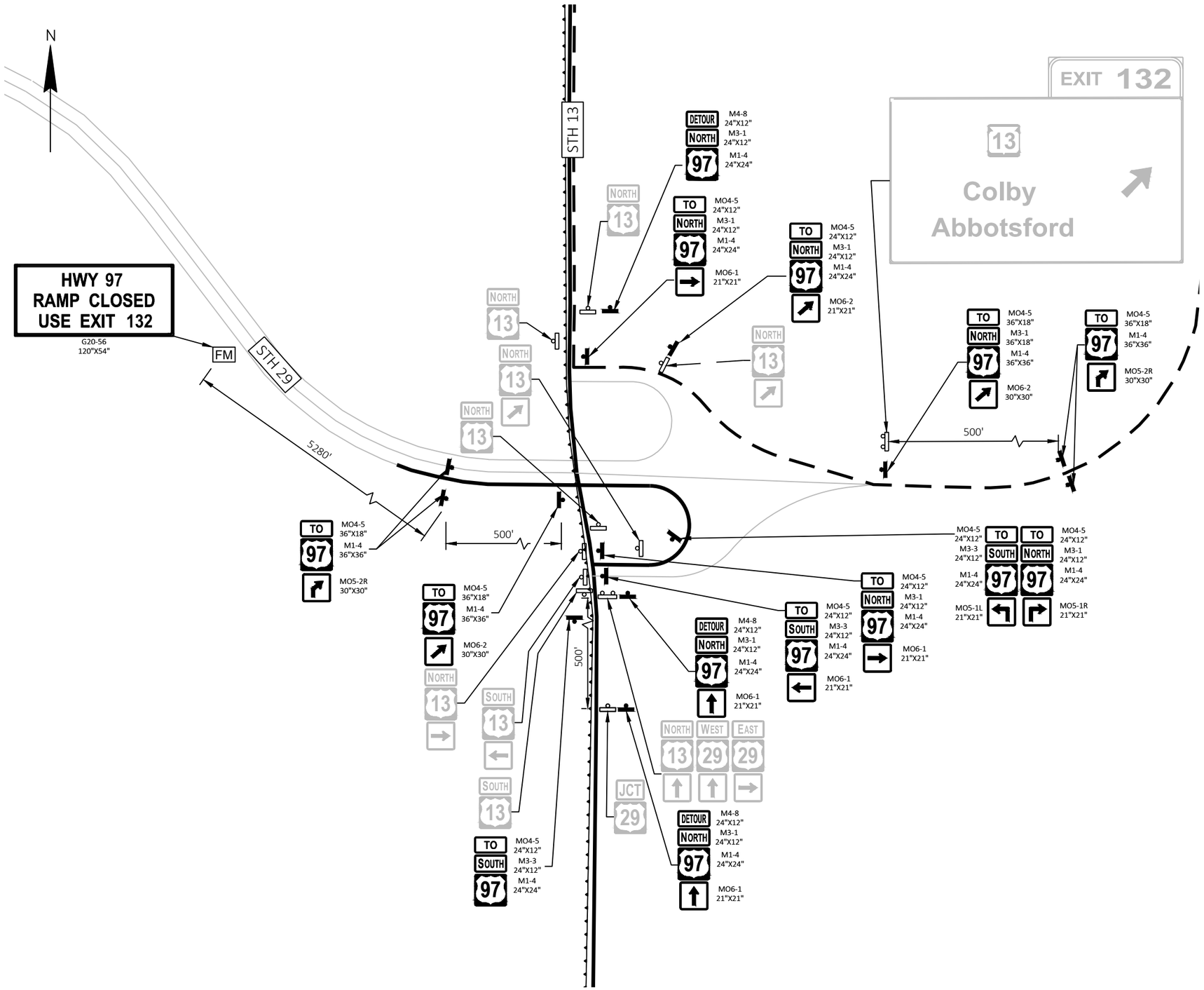
LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL E)	SHEET 150	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027006-dt
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

2



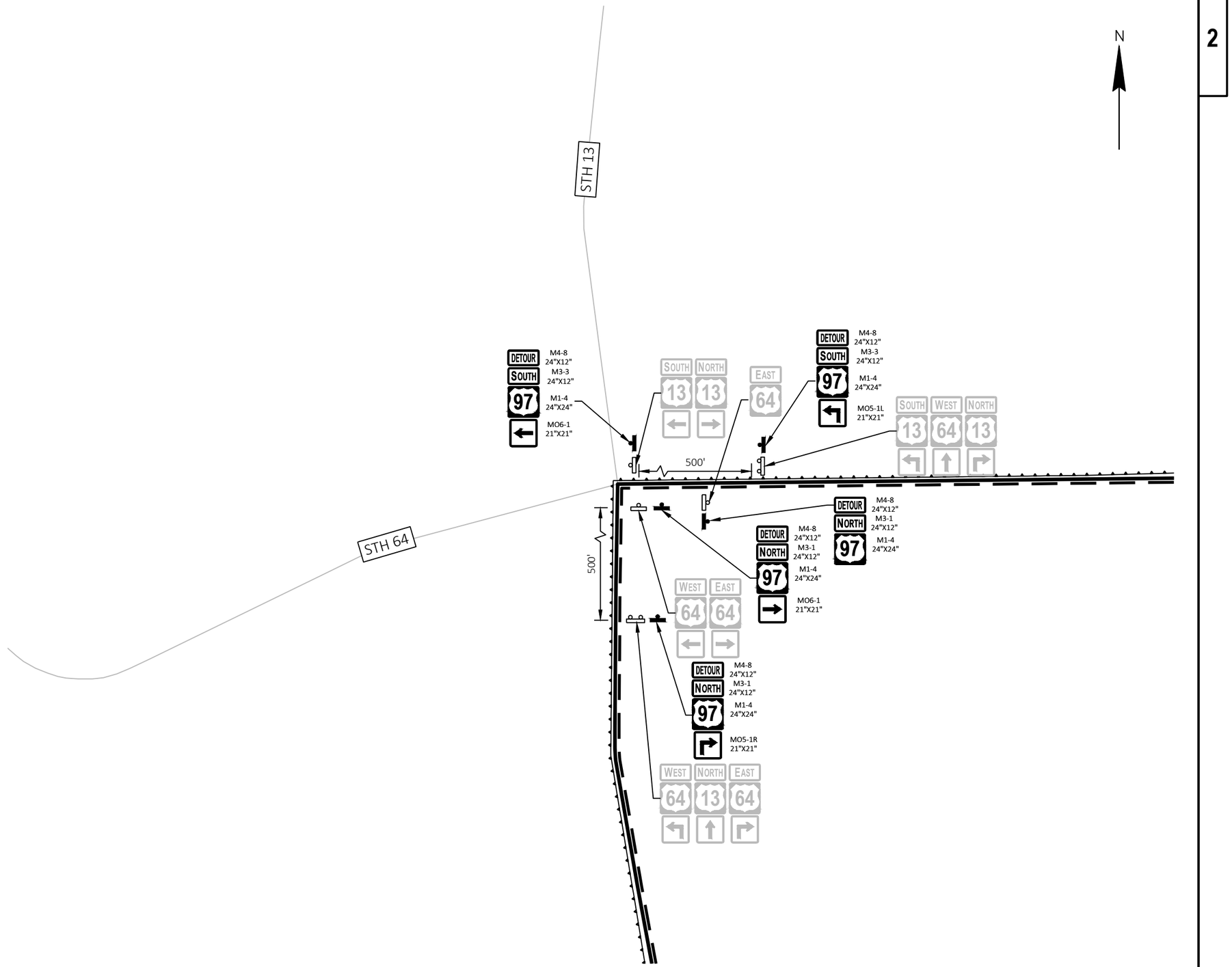
LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL F)	SHEET 151	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027007-dt
PLOT DATE : 6/27/2025 11:54 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

2

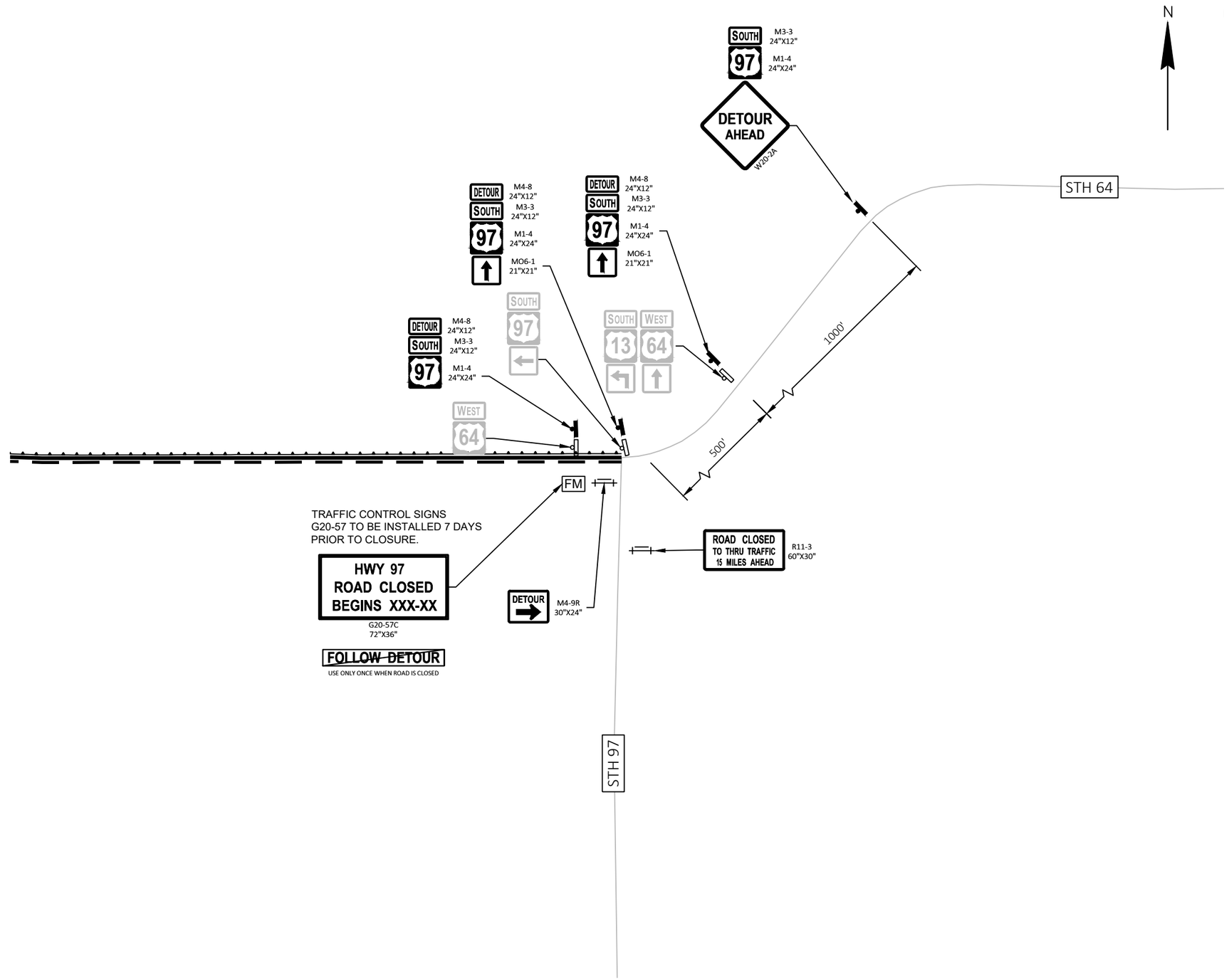


LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL G)	SHEET 152	E

2



LEGEND

- DETOUR ROUTE
- WORK ZONE
- TRAFFIC CONTROL COVERING SIGNS TYPE I/TYPE II
- EXISTING SIGNS AND POST(S) TO REMAIN
- WOOD POST(S) WITH ATTACHED SIGN
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III WITH ATTACHED SIGN (TWO TYPE "A" WARNING LIGHTS)
- FM — TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	TRAFFIC CONTROL - DETOUR ROUTE (DETAIL H)	SHEET 153	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027002-DT.DWG
LAYOUT NAME - 027009-dt
PLOT DATE : 6/27/2025 11:54 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

2

CURVE 1
PI STA = 9708+91.68 WB
Y = 197069.847
X = 162288.283
DELTA = 2°03'22" RT
D = 0°13'25"
T = 459.86'
L = 919.62'
R = 25625.88'
PC STA = 9704+31.82 WB
Y = 197074.320
X = 161828.443
PT STA = 9713+51.44 WB
Y = 197048.879
X = 162747.666
DB = S89°26'34"E
DA = S87°23'12"E
e = NC

BEGIN PROJECT
ID 1053-07-86
STA. 9712+35 WB

9710WB
9720WB
S87°23'12"E
2027.42'
9730WB
9740WB
S85°18'06"E
1299.69'
9750WB
S85°20'06"E
1182.00'
9760WB
S85°18'31"E
2079.22'
9770WB
9780WB

PC: 9733+78.86 WB
PT: 9738+41.22 WB
PI: 9751+40.90 WB
PI: 9763+22.90 WB
PC: 9784+02.12 WB

30
15
16
10
25
26
20

CURVE 1
CURVE 2
R/L STH 97
PT: 9713+51.44 WB
Y = 197053.924
X = 162631.334
STA 9735+40.45 WB
STA 1025+36.77

CURVE 2
PI STA = 9736+10.07 WB
Y = 196945.894
X = 165003.941
DELTA = 2°05'06" RT
D = 0°27'03"
T = 231.20'
L = 462.35'
R = 12705.79'
PC STA = 9733+78.86 WB
Y = 196956.436
X = 164772.979
PT STA = 9738+41.22 WB
Y = 196926.956
X = 165234.367
DB = S87°23'12"E
DA = S85°18'06"E
e = RC

N

MATCH LINE 9785+00 WB

CONTROL POINTS				
POINT	STATION	OFFSET	Y COORDS	X COORDS
10	9752+55.77 WB	52.22 LT	196863.206	166648.418
15	9735+64.19 WB	103.25 LT	197049.703	164964.257
16	9735+06.16 WB	102.65 LT	197052.483	164905.821
20	9735+26.96 WB	403.43 RT	196546.053	164897.792
25	9735+81.16 WB	163.80 RT	196782.114	164964.910
26	9735+19.12 WB	180.78 RT	196768.779	164902.812
30	9723+72.89 WB	62.29 LT	197064.527	163770.889

2

CURVE 3
PI STA = 9789+56.77 WB
Y = 196508.942
X = 170332.815
DELTA = 3°44'44" LT
D = 0°20'16"
T = 554.65'
L = 1108.90'
R = 16962.42'
PC STA = 9784+02.12 WB
Y = 196554.307
X = 169780.025
PT STA = 9795+11.03 WB
Y = 196499.787
X = 170887.388
DB = S85°18'31"E
DA = S89°03'15"E
e = NC

MATCH LINE 9785+00 WB

PT: 9795+11.03 WB

9790WB
9800WB
9810WB
S89°03'15"E
4380.50'
9820WB
9830WB
9840WB
N89°25'19"E
336.68'
9850WB
N86°52'34"E
1270.68'
9860WB

PC: 9838+91.52 WB
PT: 9842+66.56 WB
PC: 9846+03.24 WB
PT: 9851+16.06 WB

CURVE 3
CURVE 4
CURVE 5

CURVE 4
PI STA = 9840+79.05 WB
Y = 196424.383
X = 175454.793
DELTA = 1°31'26" LT
D = 0°24'23"
T = 187.53'
L = 375.04'
R = 14100.00'
PC STA = 9838+91.52 WB
Y = 196427.478
X = 175267.289
PT STA = 9842+66.56 WB
Y = 196426.275
X = 175642.313
DB = S89°03'15"E
DA = N89°25'19"E
e = NC

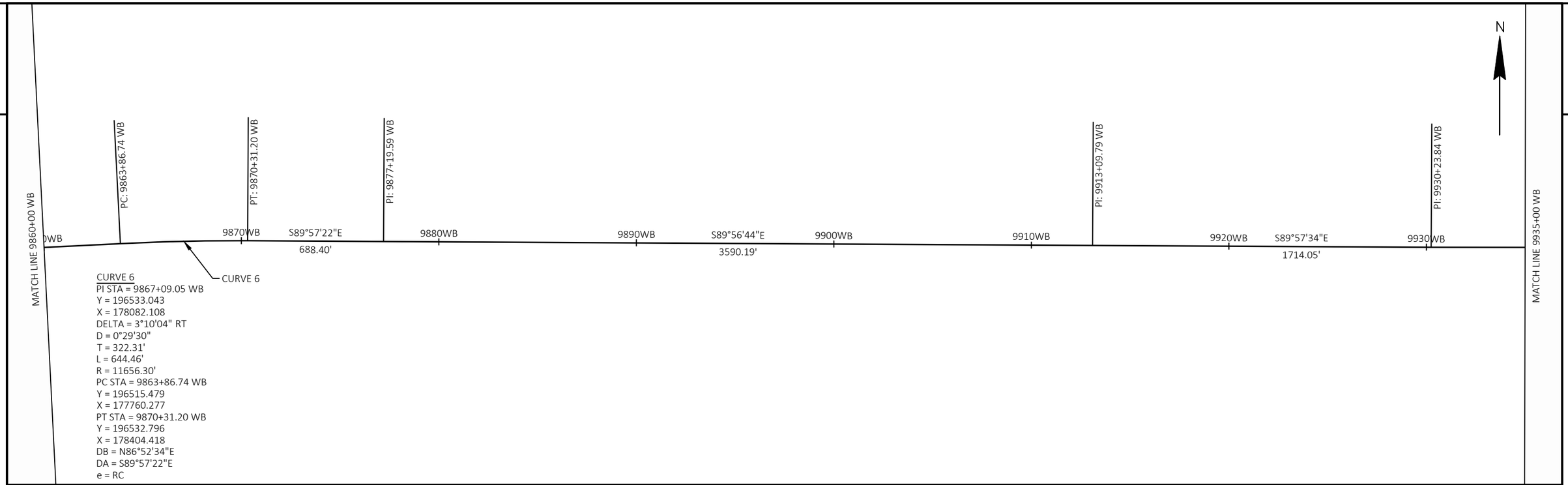
CURVE 5
PI STA = 9848+59.69 WB
Y = 196432.260
X = 176235.413
DELTA = 2°32'44" LT
D = 0°29'47"
T = 256.46'
L = 512.83'
R = 11542.36'
PC STA = 9846+03.24 WB
Y = 196429.672
X = 175978.971
PT STA = 9851+16.06 WB
Y = 196446.235
X = 176491.487
DB = N89°25'19"E
DA = N86°52'34"E
e = RC

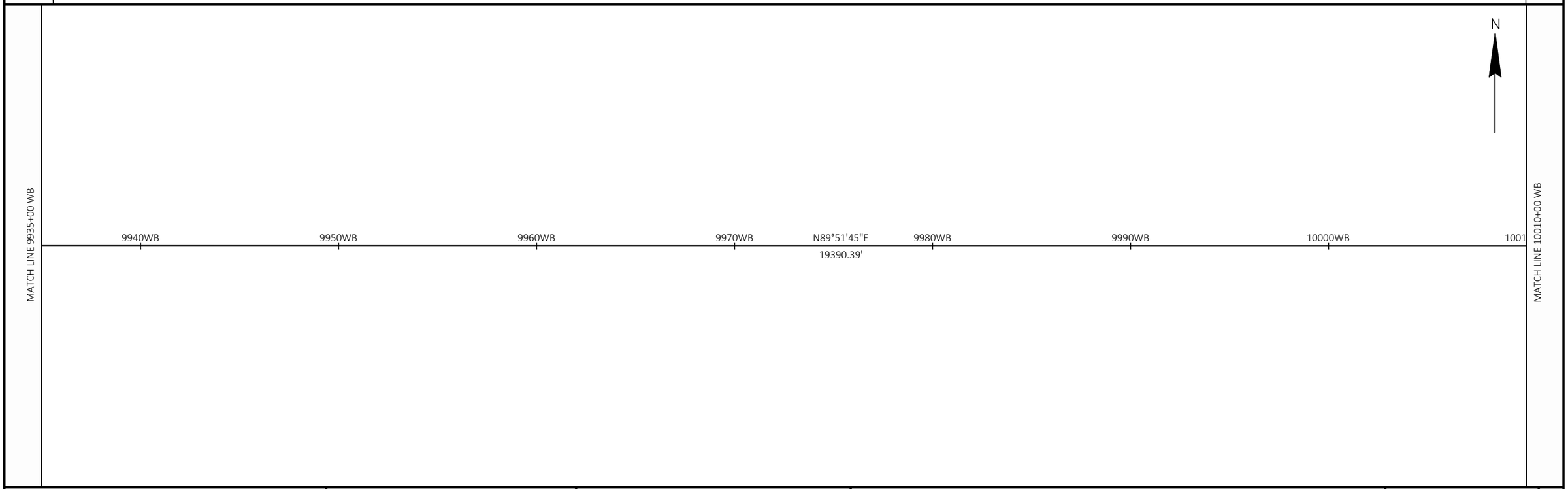
N

MATCH LINE 9860+00 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - STH 29 WB (INCLUDES CONTROL POINTS)	SHEET 154	E

2





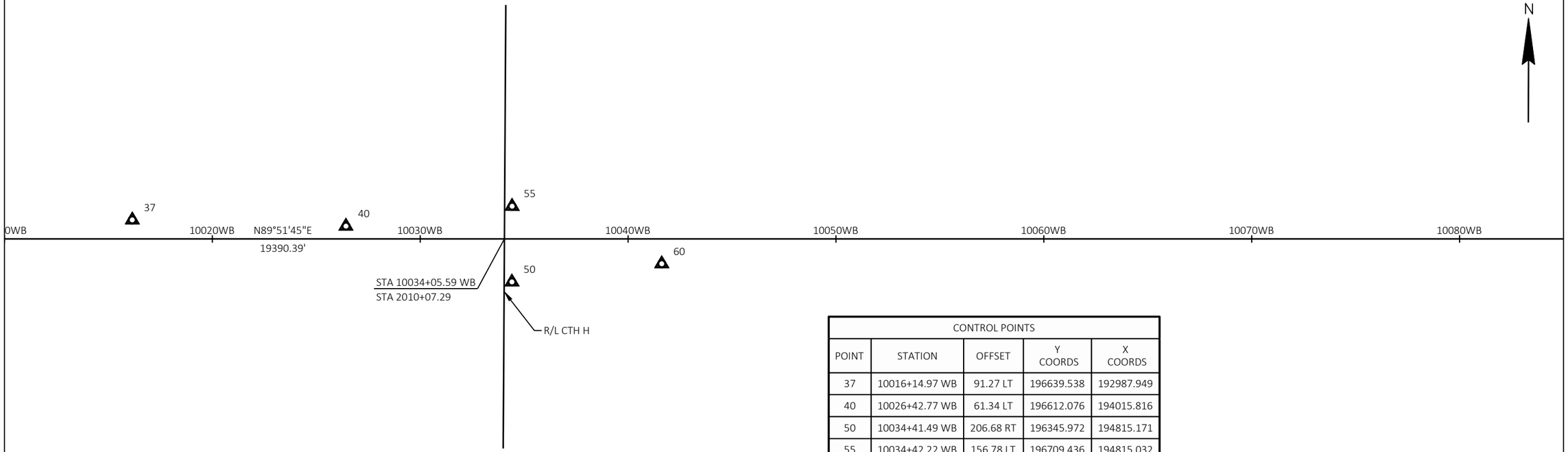
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - STH 29 WB (INCLUDES CONTROL POINTS)	SHEET 155	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027201-AD.DWG
LAYOUT NAME - 027202-ad

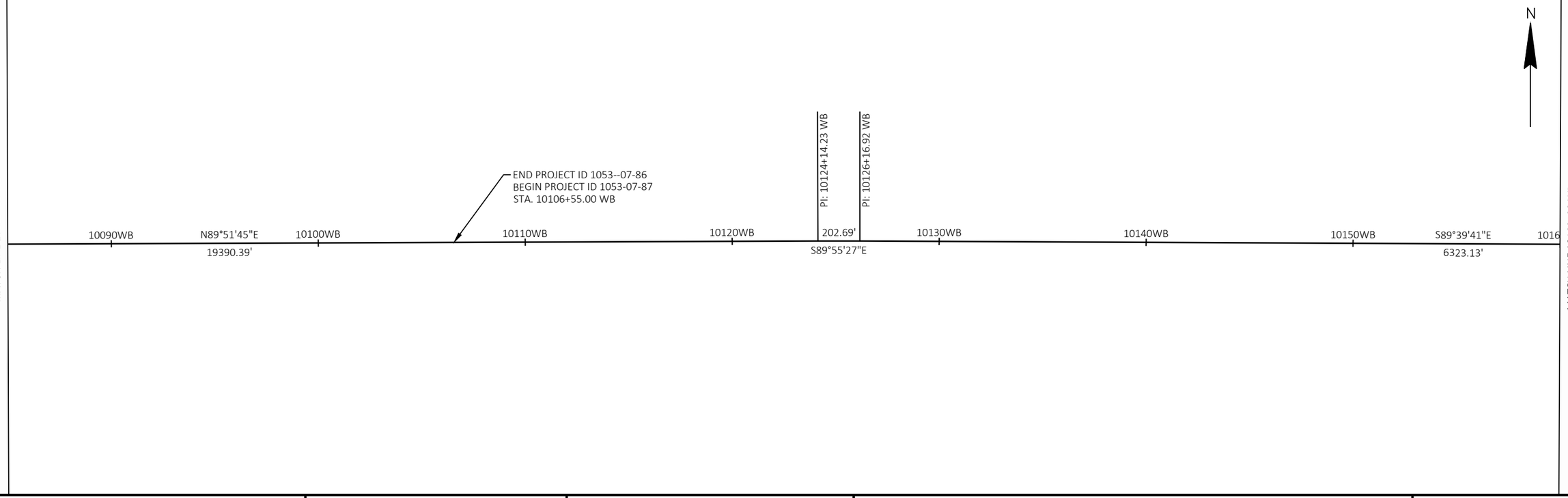
PLOT DATE : 6/26/2025 12:30 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 44

2

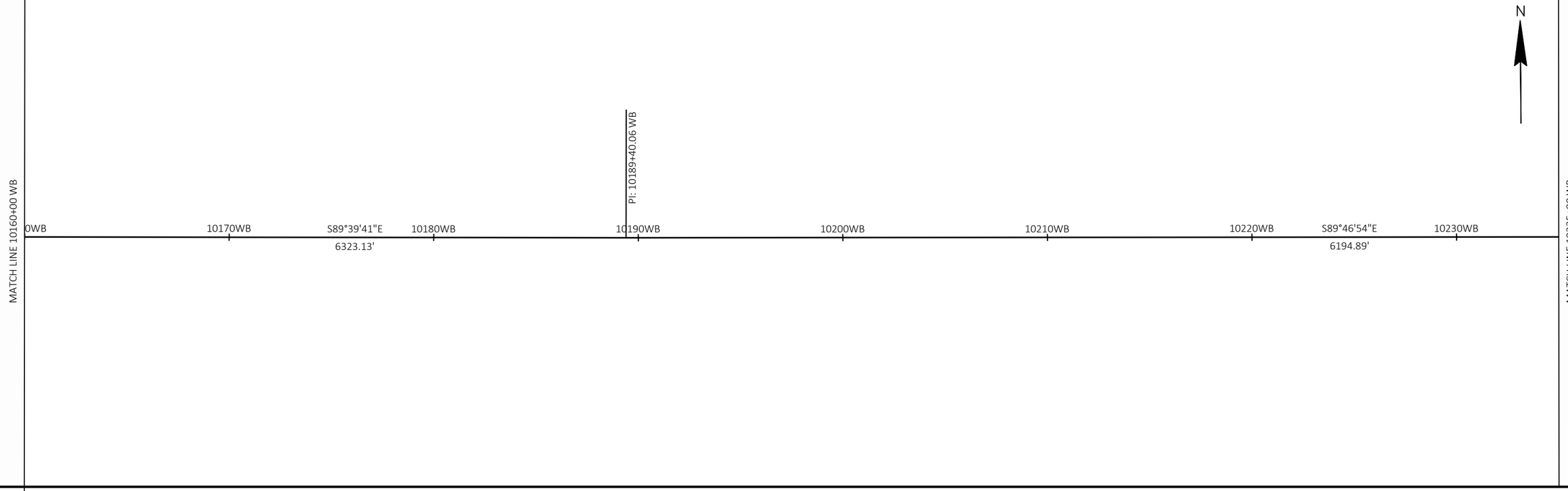


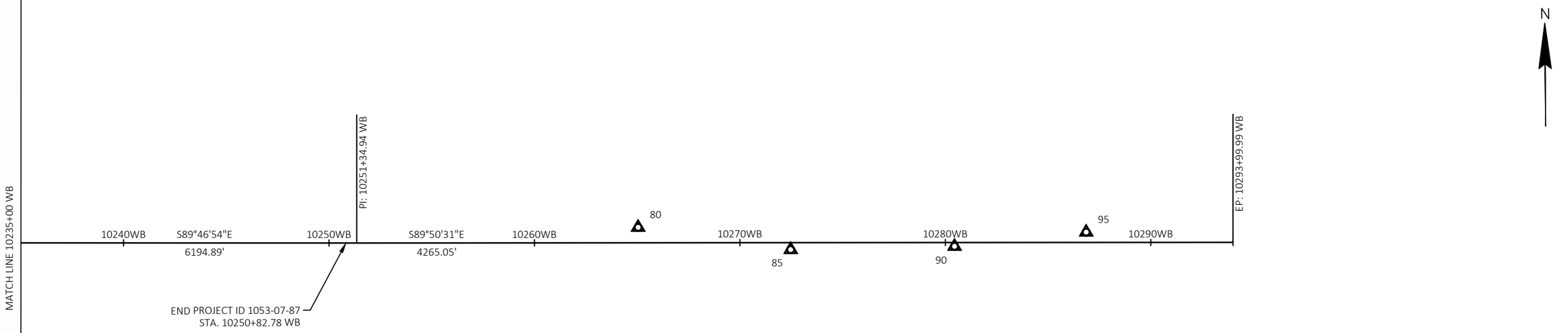
CONTROL POINTS				
POINT	STATION	OFFSET	Y COORDS	X COORDS
37	10016+14.97 WB	91.27 LT	196639.538	192987.949
40	10026+42.77 WB	61.34 LT	196612.076	194015.816
50	10034+41.49 WB	206.68 RT	196345.972	194815.171
55	10034+42.22 WB	156.78 LT	196709.436	194815.032
60	10041+62.14 WB	119.55 RT	196434.829	195535.613



PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - STH 29 WB (INCLUDES CONTROL POINTS)	SHEET 156	E

2





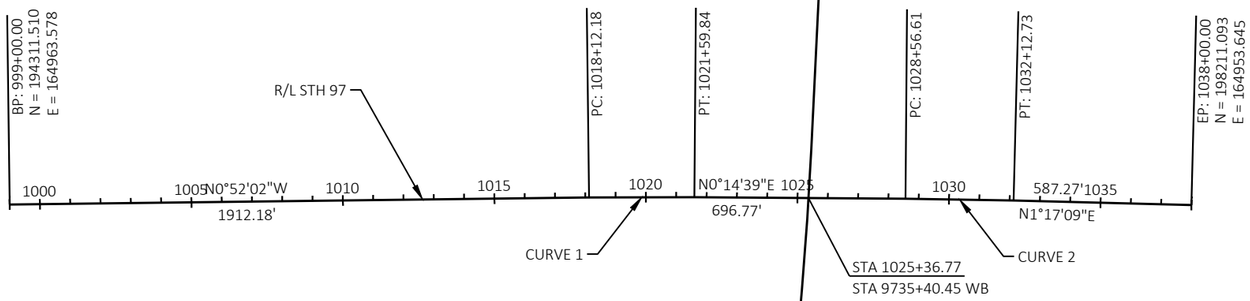
CONTROL POINTS				
POINT	STATION	OFFSET	Y COORDS	X COORDS
80	10265+04.07 WB	75.02 LT	196584.196	217877.278
85	10272+46.62 WB	34.06 RT	196473.071	218619.528
90	10280+44.09 WB	18.88 RT	196486.049	219417.037
95	10286+85.33 WB	50.23 LT	196553.395	220058.462

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - STH 29 WB (INCLUDES CONTROL POINTS)	SHEET 157	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027201-AD.DWG
LAYOUT NAME - 027204-ad
PLOT DATE : 6/26/2025 12:30 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 44

2

N



CURVE 1
PI STA = 1019+86.01
Y = 196397.283
X = 164932.002
DELTA = 1°06'41" RT
D = 0°19'11"
T = 173.84'
L = 347.66'
R = 17923.65'
PC STA = 1018+12.18
Y = 196223.466
X = 164934.634
PT STA = 1021+59.84
Y = 196571.118
X = 164932.743
DB = N00°52'02"W
DA = N00°14'39"E

CURVE 2
PI STA = 1030+34.67
Y = 197445.946
X = 164936.469
DELTA = 1°02'31" RT
D = 0°17'33"
T = 178.07'
L = 356.12'
R = 19583.17'
PC STA = 1028+56.61
Y = 197267.881
X = 164935.710
PT STA = 1032+12.73
Y = 197623.968
X = 164940.465
DB = N00°14'39"E
DA = N01°17'09"E

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - STH 97	SHEET 158	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027202-AD.DWG
LAYOUT NAME - 027205-ad
PLOT DATE : 6/26/2025 12:30 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : ############
WISDOT/CADDS SHEET 42

2

N

BP: 2000+00.00
Y = 195545.284
X = 194775.316

EP: 2021+32.75
Y = 197678.021
X = 194782.653

2005

2010

N0°11'50"E
2132.75'

2015

2020

STA 2010+07.29
STA 10034+05.59 WB

R/L CTH H WB

R/L STH 29 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - CTH H	SHEET 159	E

2

N

R/L STH 97

CURVE D-1
PI STA = 9725+87.54 D
Y = 197024.392
X = 163983.858
DELTA = 7°37'40" LT
D = 4°14'05"
T = 90.19'
L = 180.12'
R = 1353.00'
PC STA = 9724+97.35 D
Y = 197024.601
X = 163893.663
PT STA = 9726+77.47 D
Y = 197036.158
X = 164073.282
DB = S89°52'04"E
DA = N82°30'16"E
e = 6%

CURVE C-1
PI STA = 9736+65.85 C
Y = 197115.856
X = 165084.126
DELTA = 2°05'27" LT
D = 1°30'50"
T = 69.07'
L = 138.12'
R = 3785.00'
PC STA = 9735+96.78 C
Y = 197133.456
X = 165017.336
PT STA = 9737+34.90 C
Y = 197100.704
X = 165151.513
DB = S75°14'14"E
DA = S77°19'41"E

CURVE C-2
PI STA = 9747+01.88 C
Y = 196888.581
X = 166094.935
DELTA = 2°58'29" LT
D = 3°03'21"
T = 48.69'
L = 97.35'
R = 1875.00'
PC STA = 9746+53.19 C
Y = 196899.261
X = 166047.435
PT STA = 9747+50.54 C
Y = 196880.380
X = 166142.925
DB = S77°19'41"E
DA = S80°18'10"E
e = 5.6%

CURVE D-1
BP: 9724+97.35 D
PT: 9726+77.47 D
R/L D
9725+00 D
9730+00 D
N82°30'16"E
869.35'
9735+00 D
EP: 9735+46.82 D
BP: 9735+11.87 C
PC: 9735+96.78 C
CURVE C-1
PT: 9737+34.90 C
S75°14'14"E
84.91'
9740+00 C
R/L C
S77°19'41"E
918.29'
9745+00 C
PC: 9746+53.19 C
CURVE C-2
EP: 9747+50.54 C

R/L STH 29 WB

BP: 9725+04.36 A
PT: 9726+63.86 A
CURVE A-1
R/L A
9730+00 A
S77°34'09"E
665.51'
S75°25'06"E
95.77'
9735+00 A
PC: 9733+29.37 A
PT: 9734+71.46 A
CURVE A-2
EP: 9735+67.23 A
BP: 9735+48.14 B
9740+00 B
R/L B
N86°03'35"E
1020.20'
9745+00 B
PC: 9745+68.34 B
CURVE B-1
PT: 9747+87.86 B
S86°28'17"E
180.34'
EP: 9749+68.20 B

CURVE A-1
PI STA = 9725+84.16 A
Y = 196899.118
X = 163974.534
DELTA = 4°52'27" RT
D = 3°03'21"
T = 79.80'
L = 159.50'
R = 1875.00'
PC STA = 9725+04.36 A
Y = 196909.612
X = 163895.427
PT STA = 9726+63.86 A
Y = 196881.940
X = 164052.464
DB = S82°26'36"E
DA = S77°34'09"E

CURVE A-2
PI STA = 9734+00.42 A
Y = 196723.388
X = 164771.761
DELTA = 2°09'03" RT
D = 1°30'50"
T = 71.06'
L = 142.09'
R = 3785.00'
PC STA = 9733+29.37 A
Y = 196738.683
X = 164702.371
PT STA = 9734+71.46 A
Y = 196705.499
X = 164840.528
DB = S77°34'09"E
DA = S75°25'06"E

CURVE B-1
PI STA = 9746+78.26 B
Y = 196765.250
X = 166060.683
DELTA = 7°28'08" RT
D = 3°24'08"
T = 109.92'
L = 219.52'
R = 1684.01'
PC STA = 9745+68.34 B
Y = 196757.697
X = 165951.025
PT STA = 9747+87.86 B
Y = 196758.485
X = 166170.392
DB = N86°03'35"E
DA = S86°28'17"E

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - STH 97 RAMPS	SHEET 160	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027203-AD.DWG
LAYOUT NAME - 027207-ad
PLOT DATE : 6/30/2025 11:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

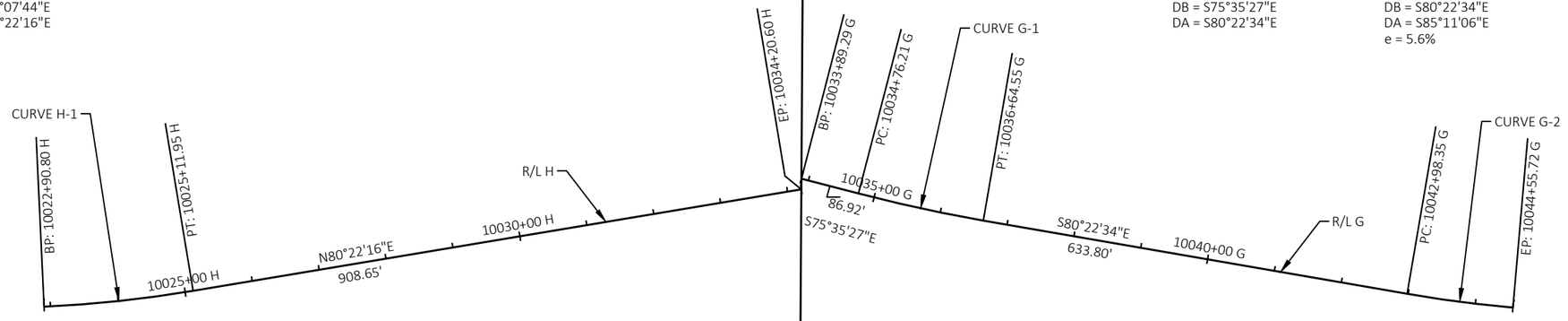
N

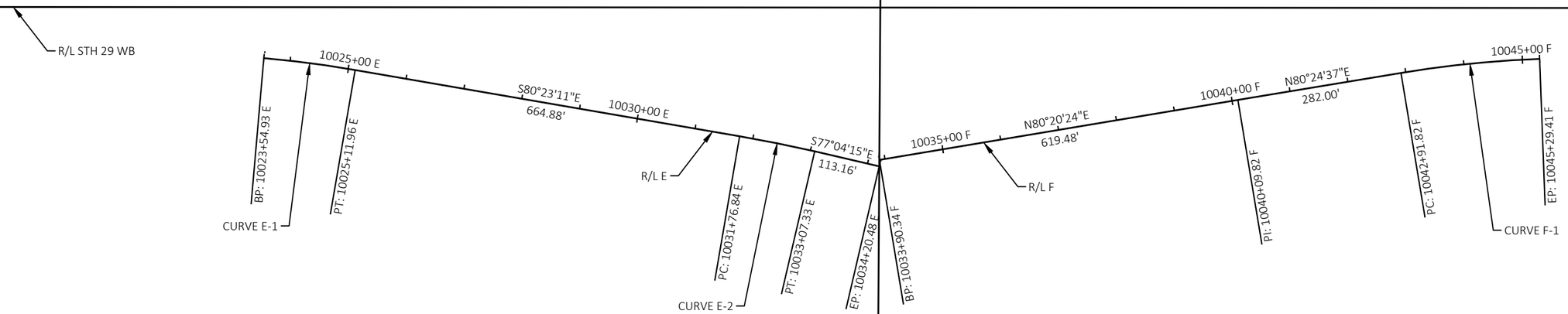
R/L CTH H

CURVE H-1
PI STA = 10024+01.50 H
Y = 196583.434
X = 193774.480
DELTA = 6°45'29" LT
D = 3°03'21"
T = 110.70'
L = 221.15'
R = 1875.00'
PC STA = 10022+90.80 H
Y = 196577.889
X = 193663.914
PT STA = 10025+11.95 H
Y = 196601.951
X = 193883.625
DB = N87°07'44"E
DA = N80°22'16"E
e = 5.6%

CURVE G-1
PI STA = 10035+70.44 G
Y = 196724.567
X = 194954.975
DELTA = 4°47'07" LT
D = 2°32'27"
T = 94.22'
L = 188.34'
R = 2255.00'
PC STA = 10034+76.21 G
Y = 196748.014
X = 194863.715
PT STA = 10036+64.55 G
Y = 196708.815
X = 195047.873
DB = S75°35'27"E
DA = S80°22'34"E
e = 5.6%

CURVE G-2
PI STA = 10043+77.08 G
Y = 196589.694
X = 195750.376
DELTA = 4°48'32" LT
D = 3°03'21"
T = 78.73'
L = 157.37'
R = 1875.00'
PC STA = 10042+98.35 G
Y = 196602.857
X = 195672.752
PT STA = 10044+55.72 G
Y = 196583.086
X = 195828.830
DB = S80°22'34"E
DA = S85°11'06"E
e = 5.6%





CURVE E-1
PI STA = 10024+33.49 E
Y = 196456.449
X = 193806.606
DELTA = 4°47'55" RT
D = 3°03'21"
T = 78.56'
L = 157.03'
R = 1875.00'
PC STA = 10023+54.93 E
Y = 196463.044
X = 193728.320
PT STA = 10025+11.96 E
Y = 196443.329
X = 193884.065
DB = S85°11'06"E
DA = S80°23'11"E

CURVE E-2
PI STA = 10032+42.10 E
Y = 196321.394
X = 194603.952
DELTA = 3°18'56" RT
D = 2°32'27"
T = 65.26'
L = 130.49'
R = 2255.00'
PC STA = 10031+76.84 E
Y = 196332.293
X = 194539.605
PT STA = 10033+07.33 E
Y = 196306.792
X = 194667.561
DB = S80°23'11"E
DA = S77°04'15"E

CURVE F-1
PI STA = 10044+10.78 F
Y = 196463.428
X = 195783.939
DELTA = 7°15'37" RT
D = 3°03'21"
T = 118.95'
L = 237.59'
R = 1875.00'
PC STA = 10042+91.82 F
Y = 196443.611
X = 195666.647
PT STA = 10045+29.41 F
Y = 196468.263
X = 195902.795
DB = N80°24'37"E
DA = N87°40'14"E

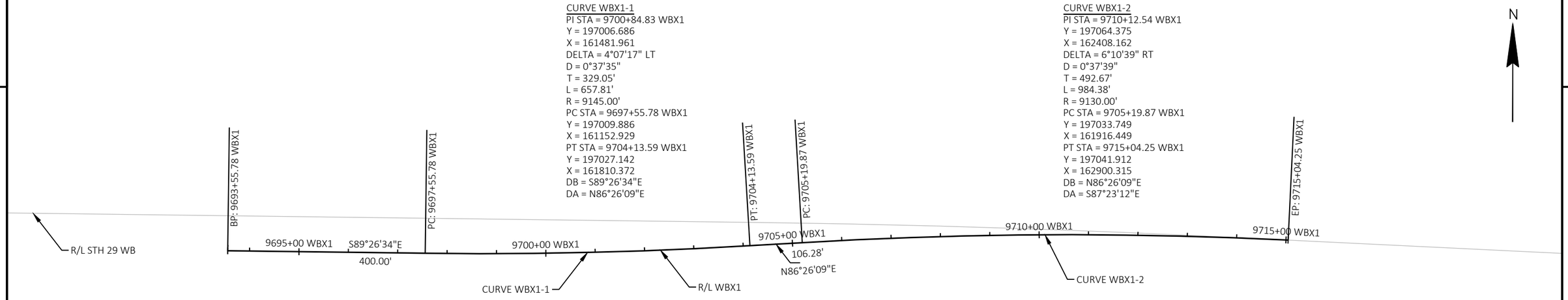
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - CTH H RAMPS	SHEET 161	E

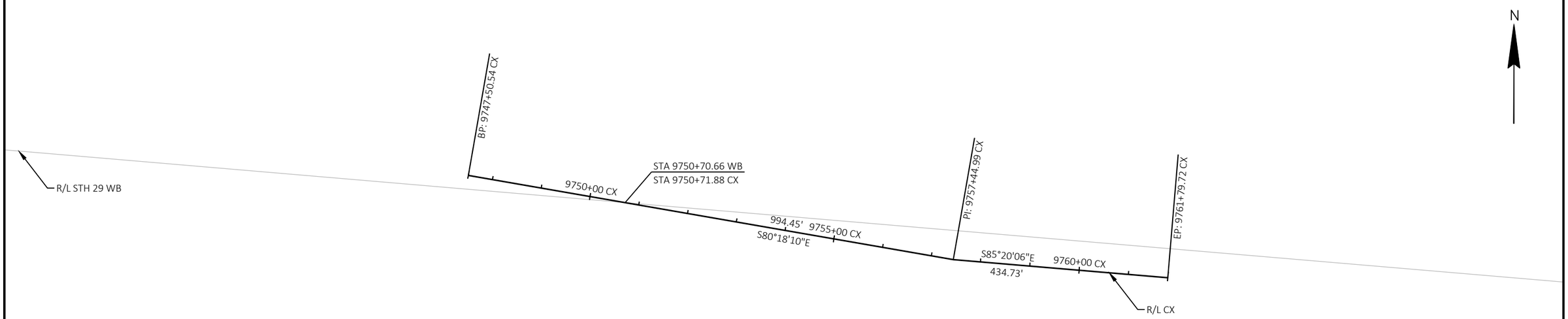
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027203-AD.DWG
LAYOUT NAME - 027208-ad
PLOT DATE : 6/30/2025 11:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

CURVE WBX1-1
PI STA = 9700+84.83 WBX1
Y = 197006.686
X = 161481.961
DELTA = 4°07'17" LT
D = 0°37'35"
T = 329.05'
L = 657.81'
R = 9145.00'
PC STA = 9697+55.78 WBX1
Y = 197009.886
X = 161152.929
PT STA = 9704+13.59 WBX1
Y = 197027.142
X = 161810.372
DB = S89°26'34"E
DA = N86°26'09"E

CURVE WBX1-2
PI STA = 9710+12.54 WBX1
Y = 197064.375
X = 162408.162
DELTA = 6°10'39" RT
D = 0°37'39"
T = 492.67'
L = 984.38'
R = 9130.00'
PC STA = 9705+19.87 WBX1
Y = 197033.749
X = 161916.449
PT STA = 9715+04.25 WBX1
Y = 197041.912
X = 162900.315
DB = N86°26'09"E
DA = S87°23'12"E

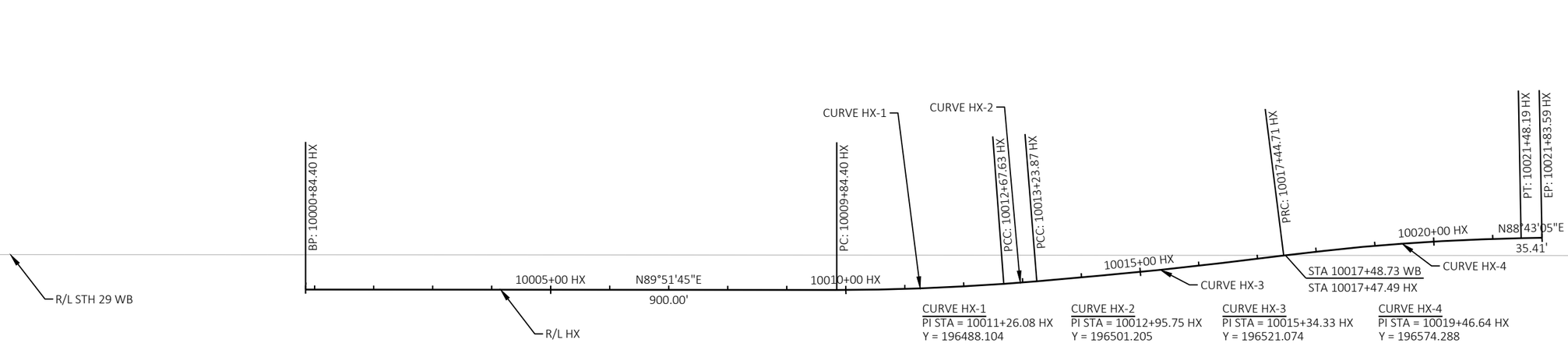




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - CROSSOVERS	SHEET 162	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027204-AD.DWG
LAYOUT NAME - 027209-ad
PLOT DATE : 6/30/2025 11:38 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : ############
WISDOT/CADDS SHEET 42

2

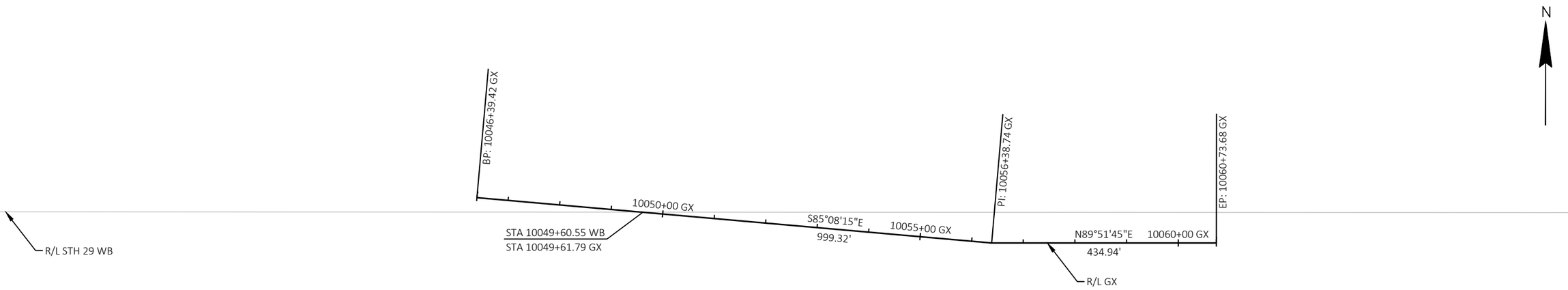


CURVE HX-1
PI STA = 10011+26.08 HX
Y = 196488.104
X = 192503.435
DELTA = 4°17'15" LT
D = 1°30'50"
T = 141.68'
L = 283.23'
R = 3785.00'
PC STA = 10009+84.40 HX
Y = 196487.764
X = 192361.752
PT STA = 10012+67.63 HX
Y = 196499.035
X = 192644.696
DB = N89°51'45"E
DA = N85°34'30"E

CURVE HX-2
PI STA = 10012+95.75 HX
Y = 196501.205
X = 192672.732
DELTA = 0°21'08" LT
D = 0°37'35"
T = 28.12'
L = 56.24'
R = 9145.00'
PC STA = 10012+67.63 HX
Y = 196499.035
X = 192644.696
PT STA = 10013+23.87 HX
Y = 196503.547
X = 192700.754
DB = N85°34'30"E
DA = N85°13'22"E

CURVE HX-3
PI STA = 10015+34.33 HX
Y = 196521.074
X = 192910.479
DELTA = 2°38'12" LT
D = 0°37'35"
T = 210.46'
L = 420.84'
R = 9145.00'
PC STA = 10013+23.87 HX
Y = 196503.547
X = 192700.754
PT STA = 10017+44.71 HX
Y = 196548.231
X = 193119.175
DB = N85°13'22"E
DA = N82°35'10"E

CURVE HX-4
PI STA = 10019+46.64 HX
Y = 196574.288
X = 193319.417
DELTA = 6°07'55" RT
D = 1°31'11"
T = 201.93'
L = 403.48'
R = 3770.00'
PC STA = 10017+44.71 HX
Y = 196548.231
X = 193119.175
PT STA = 10021+48.19 HX
Y = 196578.806
X = 193521.297
DB = N82°35'10"E
DA = N88°43'05"E



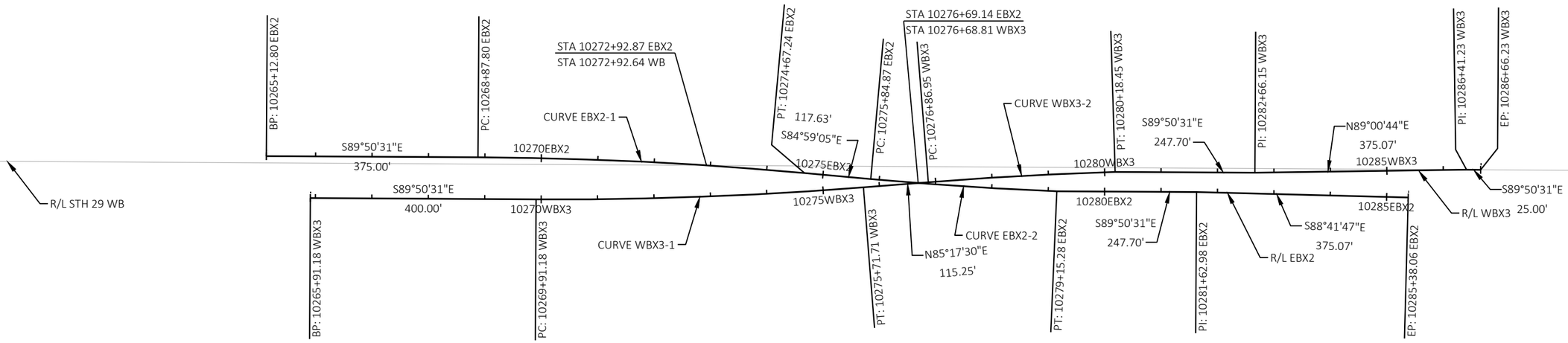
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - CROSSOVERS	SHEET 163	E

2

N

CURVE EBX2-1
PI STA = 10271+77.69 EBX2
Y = 196519.321
X = 218550.724
DELTA = 4°51'26" RT
D = 0°50'18"
T = 289.90'
L = 579.44'
R = 6835.00'
PC STA = 10268+87.80 EBX2
Y = 196520.120
X = 218260.831
PT STA = 10274+67.24 EBX2
Y = 196493.978
X = 218839.510
DB = S89°50'31"E
DA = S84°59'05"E

CURVE EBX2-2
PI STA = 10277+50.11 EBX2
Y = 196469.249
X = 219121.296
DELTA = 2°46'33" LT
D = 0°50'24"
T = 165.24'
L = 330.41'
R = 6820.00'
PC STA = 10275+84.87 EBX2
Y = 196483.694
X = 218956.693
PT STA = 10279+15.28 EBX2
Y = 196462.792
X = 219286.406
DB = S84°59'05"E
DA = S87°45'38"E



CURVE WBX3-1
PI STA = 10272+81.62 WBX3
Y = 196445.035
X = 218654.450
DELTA = 4°51'59" LT
D = 0°50'18"
T = 290.44'
L = 580.53'
R = 6835.00'
PC STA = 10269+91.18 WBX3
Y = 196445.835
X = 218364.012
PT STA = 10275+71.71 WBX3
Y = 196468.875
X = 218943.909
DB = S89°50'31"E
DA = N85°17'30"E

CURVE WBX3-2
PI STA = 10278+52.73 WBX3
Y = 196491.943
X = 219223.985
DELTA = 2°47'06" RT
D = 0°50'24"
T = 165.78'
L = 331.49'
R = 6820.00'
PC STA = 10276+86.95 WBX3
Y = 196478.335
X = 219058.766
PT STA = 10280+18.45 WBX3
Y = 196497.508
X = 219389.670
DB = N85°17'30"E
DA = N88°04'35"E

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	ALIGNMENT DETAILS - CROSSOVERS	SHEET 164	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\027204-AD.DWG
LAYOUT NAME - 027211-ad
PLOT DATE : 6/30/2025 11:39 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1053-07-86 Qty	1053-07-87 Qty
0002	203.0100	Removing Small Pipe Culverts	EACH	7.000	5.000	2.000
0004	204.0100	Removing Concrete Pavement	SY	154,593.000	153,870.000	723.000
0006	204.0110	Removing Asphaltic Surface	SY	19,210.000	410.000	18,800.000
0008	204.0150	Removing Curb & Gutter	LF	870.000	590.000	280.000
0010	204.0165	Removing Guardrail	LF	2,040.000	2,040.000	
0012	204.0180	Removing Delineators and Markers	EACH	207.000	169.000	38.000
0014	204.0220	Removing Inlets	EACH	14.000	12.000	2.000
0016	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	45.000	45.000	
0018	204.0245	Removing Storm Sewer (size) 01. 24-Inch	LF	9.000		9.000
0020	204.0270	Abandoning Culvert Pipes	EACH	9.000	9.000	
0022	204.9060.S	Removing (item description) 01. Apron Endwalls	EACH	14.000	13.000	1.000
0024	205.0100	Excavation Common	CY	236,945.000	236,904.000	41.000
0026	206.1001	Excavation for Structures Bridges (structure) 01. B-37-288	EACH	1.000	1.000	
0028	208.0100	Borrow	CY	734.000	734.000	
0030	210.1500	Backfill Structure Type A	TON	182.000	182.000	
0032	213.0100	Finishing Roadway (project) 01. 1053-07-86	EACH	1.000	1.000	
0034	213.0100	Finishing Roadway (project) 02. 1053-07-87	EACH	1.000		1.000
0036	305.0110	Base Aggregate Dense 3/4-Inch	TON	28,307.000	24,937.000	3,370.000
0038	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	168,310.000	147,700.000	20,610.000
0040	312.0110	Select Crushed Material	TON	170,825.000	170,085.000	740.000
0042	390.0100	Removing Pavement for Base Patching	CY	348.000		348.000
0044	390.0305	Base Patching Concrete HES	CY	348.000		348.000
0046	415.0410	Concrete Pavement Approach Slab	SY	312.000	312.000	
0048	415.6000.S	Rout and Seal	LF	123,530.000	94,170.000	29,360.000
0050	416.0610	Drilled Tie Bars	EACH	220.000		220.000
0052	416.0620	Drilled Dowel Bars	EACH	98.000	60.000	38.000
0054	450.4000	HMA Cold Weather Paving	TON	600.000		600.000
0056	455.0605	Tack Coat	GAL	4,268.000	2,901.000	1,367.000
0058	460.2000	Incentive Density HMA Pavement	DOL	14,230.000	10,200.000	4,030.000
0060	460.6224	HMA Pavement 4 MT 58-28 S	TON	17,319.000	12,669.000	4,650.000
0062	460.6225	HMA Pavement 5 MT 58-28 S	TON	2,334.000		2,334.000
0064	460.7223	HMA Pavement 3 HT 58-28 S	TON	3,093.000	2,000.000	1,093.000
0066	460.7424	HMA Pavement 4 HT 58-28 H	TON	1,728.000	1,130.000	598.000
0068	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	90.000	80.000	10.000
0070	465.0125	Asphaltic Surface Temporary	TON	700.000	700.000	
0072	465.0315	Asphaltic Flumes	SY	224.000	179.000	45.000
0074	465.0510	Asphaltic Rumble Strips, Shoulder Divided Roadway	LF	46,950.000	34,160.000	12,790.000
0076	502.0100	Concrete Masonry Bridges	CY	10.000	10.000	
0078	502.3200	Protective Surface Treatment	SY	17.000	17.000	
0080	502.4205	Adhesive Anchors No. 5 Bar	EACH	112.000	112.000	
0082	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	1,180.000	1,180.000	
0084	516.0500	Rubberized Membrane Waterproofing	SY	4.000	4.000	
0086	520.1012	Apron Endwalls for Culvert Pipe 12-Inch	EACH	4.000	4.000	
0088	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	7.000	3.000	4.000
0090	520.2012	Culvert Pipe Temporary 12-Inch	LF	834.000	834.000	
0092	520.3318	Culvert Pipe Class III-A 18-Inch	LF	167.000	52.000	115.000
0094	520.8000	Concrete Collars for Pipe	EACH	3.000	1.000	2.000
0096	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	4.000	4.000	
0098	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	1.000	1.000	

Line	Item	Item Description	Unit	Total	1053-07-86 Qty	1053-07-87 Qty
0100	521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	1.000		1.000
0102	521.3124	Culvert Pipe Corrugated Steel 24-Inch	LF	8.000	8.000	
0104	521.3136	Culvert Pipe Corrugated Steel 36-Inch	LF	8.000		8.000
0106	524.0618	Apron Endwalls for Culvert Pipe Salvaged 18-Inch	EACH	1.000	1.000	
0108	530.0112	Culvert Pipe Corrugated Polyethylene 12-Inch	LF	330.000	330.000	
0110	601.0551	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	LF	529.000	529.000	
0112	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	871.000	586.000	285.000
0114	601.0590	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	LF	236.000	236.000	
0116	602.3210	Concrete Rumble Strips, Shoulder Divided Roadway	LF	41,860.000	28,640.000	13,220.000
0118	606.0100	Riprap Light	CY	267.000	232.000	35.000
0120	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	207.000	207.000	
0122	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	200.000	200.000	
0124	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	37.000	19.000	18.000
0126	611.0642	Inlet Covers Type MS	EACH	9.000	5.000	4.000
0128	611.0654	Inlet Covers Type V	EACH	4.000	4.000	
0130	611.3003	Inlets 3-FT Diameter	EACH	4.000	4.000	
0132	611.3901	Inlets Median 1 Grate	EACH	3.000	3.000	
0134	611.3902	Inlets Median 2 Grate	EACH	3.000	1.000	2.000
0136	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	720.000	720.000	
0138	614.0220	Steel Thrie Beam Bullnose Terminal	EACH	4.000	4.000	
0140	614.0230	Steel Thrie Beam	LF	300.000	300.000	
0142	614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	837.000	837.000	
0144	614.2300	MGS Guardrail 3	LF	375.000	375.000	
0146	614.2500	MGS Thrie Beam Transition	LF	394.000	394.000	
0148	614.2610	MGS Guardrail Terminal EAT	EACH	10.000	10.000	
0150	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1053-07-86	EACH	1.000	1.000	
0152	618.0100	Maintenance and Repair of Haul Roads (project) 02. 1053-07-87	EACH	1.000		1.000
0154	619.1000	Mobilization	EACH	1.000	0.750	0.250
0156	624.0100	Water	MGAL	5,305.000	4,820.000	485.000
0158	625.0100	Topsoil	SY	38,825.000	35,950.000	2,875.000
0160	628.1504	Silt Fence	LF	4,831.000	4,831.000	
0162	628.1520	Silt Fence Maintenance	LF	9,531.000	9,531.000	
0164	628.1905	Mobilizations Erosion Control	EACH	25.000	20.000	5.000
0166	628.1910	Mobilizations Emergency Erosion Control	EACH	10.000	7.000	3.000
0168	628.2004	Erosion Mat Class I Type B	SY	37,165.000	34,290.000	2,875.000
0170	628.2008	Erosion Mat Urban Class I Type B	SY	1,650.000	1,650.000	
0172	628.7005	Inlet Protection Type A	EACH	27.000	23.000	4.000
0174	628.7504	Temporary Ditch Checks	LF	2,440.000	2,390.000	50.000
0176	628.7555	Culvert Pipe Checks	EACH	310.000	272.000	38.000
0178	628.7560	Tracking Pads	EACH	9.000	9.000	
0180	628.7570	Rock Bags	EACH	50.000	50.000	
0182	629.0210	Fertilizer Type B	CWT	219.900	197.400	22.500
0184	630.0130	Seeding Mixture No. 30	LB	7,978.000	6,379.000	1,599.000
0186	630.0300	Seeding Borrow Pit	LB	1,078.000	1,078.000	
0188	630.0500	Seed Water	MGAL	4,018.000	3,220.000	798.000
0190	633.0100	Delineator Posts Steel	EACH	266.000	219.000	47.000
0192	633.0500	Delineator Reflectors	EACH	306.000	249.000	57.000
0194	633.1100	Delineators Temporary	EACH	183.000	143.000	40.000
0196	633.5200	Markers Culvert End	EACH	12.000	7.000	5.000

Line	Item	Item Description	Unit	Total	1053-07-86 Qty	1053-07-87 Qty
0198	633.5350	Markers Permanent Flexible	EACH	157.000	118.000	39.000
0200	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	1.000	1.000	
0202	637.2210	Signs Type II Reflective H	SF	5.200	5.200	
0204	638.2102	Moving Signs Type II	EACH	20.000	20.000	
0206	638.2602	Removing Signs Type II	EACH	5.000	5.000	
0208	638.3000	Removing Small Sign Supports	EACH	5.000	5.000	
0210	642.5401	Field Office Type D	EACH	1.000	0.750	0.250
0212	643.0300	Traffic Control Drums	DAY	178,116.000	131,578.000	46,538.000
0214	643.0420	Traffic Control Barricades Type III	DAY	35,746.000	23,004.000	12,742.000
0216	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	1,447.000	1,035.000	412.000
0218	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	1,447.000	1,035.000	412.000
0220	643.0705	Traffic Control Warning Lights Type A	DAY	44,832.000	33,720.000	11,112.000
0222	643.0715	Traffic Control Warning Lights Type C	DAY	44,792.000	26,732.000	18,060.000
0224	643.0900	Traffic Control Signs	DAY	78,123.000	64,485.000	13,638.000
0226	643.0910	Traffic Control Covering Signs Type I	EACH	7.000	7.000	
0228	643.0920	Traffic Control Covering Signs Type II	EACH	78.000	54.000	24.000
0230	643.1000	Traffic Control Signs Fixed Message	SF	363.000	363.000	
0232	643.3170	Temporary Marking Line Epoxy 6-Inch	LF	108,460.000	66,070.000	42,390.000
0234	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	85,415.000	74,670.000	10,745.000
0236	643.3280	Temporary Marking Line Removable Tape 10-Inch	LF	630.000	630.000	
0238	643.3850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	72.000		72.000
0240	643.5000	Traffic Control	EACH	1.000	0.750	0.250
0242	645.0130	Geotextile Type R	SY	1,103.000	950.000	153.000
0244	645.0140	Geotextile Type SAS	SY	197,330.000	196,000.000	1,330.000
0246	646.2020	Marking Line Epoxy 6-Inch	LF	132,960.000	62,600.000	70,360.000
0248	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	147,662.000	147,220.000	442.000
0250	646.4020	Marking Line Epoxy 10-Inch	LF	4,629.000	3,540.000	1,089.000
0252	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	6,340.000	6,340.000	
0254	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	10.000	10.000	
0256	646.5520	Marking Outfall Epoxy	EACH	132.000		132.000
0258	646.6120	Marking Stop Line Epoxy 18-Inch	LF	486.000	351.000	135.000
0260	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	15,520.000	15,520.000	
0262	646.6470	Cold Weather Marking Epoxy 10-Inch	LF	6,340.000	6,340.000	
0264	646.7220	Marking Chevron Epoxy 24-Inch	LF	326.000	326.000	
0266	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	6,665.000	4,880.000	1,785.000
0268	646.9210	Marking Removal Line Water Blasting Wide	LF	20.000		20.000
0270	650.4000	Construction Staking Storm Sewer	EACH	10.000	10.000	
0272	650.4500	Construction Staking Subgrade	LF	59,748.000	59,448.000	300.000
0274	650.5000	Construction Staking Base	LF	16,084.000	11,755.000	4,329.000
0276	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	871.000	586.000	285.000
0278	650.6000	Construction Staking Pipe Culverts	EACH	6.000	3.000	3.000
0280	650.7000	Construction Staking Concrete Pavement	LF	65,599.000	50,621.000	14,978.000
0282	650.9911	Construction Staking Supplemental Control (project) 01. 1053-07-86	EACH	1.000	1.000	
0284	650.9911	Construction Staking Supplemental Control (project) 02. 1053-07-87	EACH	1.000		1.000
0286	650.9920	Construction Staking Slope Stakes	LF	61,871.000	59,448.000	2,423.000
0288	690.0150	Sawing Asphalt	LF	13,599.000	9,199.000	4,400.000
0290	690.0250	Sawing Concrete	LF	772.000	440.000	332.000
0292	715.0715	Incentive Flexural Strength Concrete Pavement	DOL	57,085.000	44,374.000	12,711.000
0294	740.0440	Incentive IRI Ride	DOL	41,609.000	34,501.000	7,108.000

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1053-07-86 Qty	1053-07-87 Qty
0296	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000		2,400.000
0298	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,980.000		1,980.000
0300	SPV.0045	Special 01. Connected Work Zone Notification System	DAY	688.000	423.000	265.000
0302	SPV.0060	Special 01. Reestablish Section Corner Monuments	EACH	7.000	7.000	
0304	SPV.0060	Special 02. Locate and Clean Existing Underdrain Outfalls	EACH	132.000		132.000
0306	SPV.0180	Special 01. Unbonded Concrete Overlay 7-inch	SY	41,650.000		41,650.000
0308	SPV.0180	Special 02. HP Concrete Pavement 8-Inch	SY	16,490.000	16,490.000	
0310	SPV.0180	Special 03. HP Concrete Pavement 10-Inch	SY	131,830.000	131,110.000	720.000

REMOVING CONCRETE PAVEMENT

CATEGORY		STATION	-	STATION	LT/RT	204.0100 SY
0010	MAINLINE	9707+00 WB	-	9750+00 WB	LT	18,700
		9750+00 WB	-	9800+00 WB	LT	15,600
		9800+00 WB	-	9850+00 WB	LT	18,700
		9850+00 WB	-	9900+00 WB	LT	15,400
		9900+00 WB	-	9950+00 WB	LT	14,400
		9950+00 WB	-	10000+00 WB	LT	14,400
		10000+00 WB	-	10050+00 WB	LT	16,700
		10050+00 WB	-	10106+55 WB	LT	16,200
	RAMPS	9727+97 A	-	9735+05.42 A	LT/RT	1,180
		9736+17 B	-	9745+44.78 B	RT	1,590
		9735+76 C	-	9745+88.91 C	LT/RT	1,670
		9726+77 D	-	9734+82.06 D	LT/RT	1,390
		10027+35 E	-	10033+52.23 E	LT/RT	1,240
		10034+52 F	-	10042+43.22 F	LT/RT	1,400
		10034+44 G	-	10043+00.00 G	LT/RT	1,580
		10024+89 H	-	10033+58.49 H	LT/RT	1,520
	STH 97	1022+08	-	1028+09.90	LT/RT	2,600
	CTH H	2005+77.11	-	2008+70.69	LT/RT	600
		2010+84.59	-	2013+83.85	LT/RT	500
		SUBTOTAL (CATEGORY 0010)				145,370
0020	STH 97	999+95.00	-	1022+08.53	LT/RT	6,000
		1028+09.90	-	1036+94.07	LT/RT	2,500
		SUBTOTAL (CATEGORY 0020)				8,500
				TOTAL		153,870

REMOVING ASPHALTIC SURFACE

CATEGORY		STATION	-	STATION	LT/RT	204.0110 SY
0010	MAINLINE	10060+80 WB	-	10064+60 WB	LT/RT	410

REMOVING CURB & GUTTER

CATEGORY		STATION	-	STATION	LT/RT	204.0150 LF
0010	MAINLINE	9750+00 WB	-	9800+00 WB	LT	150
		9850+00 WB	-	9900+00 WB	LT	140
		9950+00 WB	-	10000+00 WB	LT	150
		10050+00 WB	-	10106+55 WB	LT	150
				TOTAL		590

REMOVING GUARDRAIL

CATEGORY		STATION	-	STATION	LT/RT	204.0165 LF
0010	MAINLINE	9707+00 WB	-	9750+00 WB	RT	380
		10000+00 WB	-	10050+00 WB	RT	380
		10050+00 WB	-	10106+55 WB	LT/RT	570
	STH 97	1022+08.53	-	1028+09.90	LT/RT	390
	CTH H	2005+77.11	-	2008+70.69	LT/RT	160
		2010+84.59	-	2013+83.85	LT/RT	160
				TOTAL		2,040

REMOVING DELINEATORS AND MARKERS

CATEGORY		STATION	-	STATION	LT/RT	204.0180 EACH
0010	MAINLINE	9707+00 WB	-	9750+00 WB	LT	11
		9750+00 WB	-	9800+00 WB	LT	13
		9800+00 WB	-	9850+00 WB	LT	13
		9850+00 WB	-	9900+00 WB	LT	13
		9900+00 WB	-	9950+00 WB	LT	13
		9950+00 WB	-	10000+00 WB	LT	13
		10000+00 WB	-	10050+00 WB	LT	13
		10050+00 WB	-	10106+55 WB	LT	14
	RAMPS	9727+96.95 A	-	9735+05.42 A	LT/RT	7
		9736+16.85 B	-	9745+44.78 B	RT	9
		9735+76.47 C	-	9745+88.91 C	LT/RT	10
		9726+77.47 D	-	9734+82.06 D	LT/RT	8
		10027+35.44 E	-	10033+52.23 E	LT/RT	6
		10034+52.07 F	-	10042+43.22 F	LT/RT	8
		10034+43.77 G	-	10043+00.00 G	LT/RT	9
		10024+89.04 H	-	10033+58.49 H	LT/RT	9
				TOTAL		169

REMOVING INLETS

CATEGORY		STATION	LOCATION	204.0220 EACH	REMARKS
0010	CROSSOVERS	9753+04 CX	16' RT	1	STAGE 3
		10013+92 HX	6' RT	1	STAGE 1
	STH 97	1022+59	67' RT	1	
		1022+70	65' LT	1	
		1022+89	42' RT	1	
		1026+35	26' RT	1	
		1026+39	25' LT	1	
		1027+27	43' LT	1	
		1028+02	26' LT	1	
		1028+02	22' RT	1	
	CTH H	2011+06	22' LT	1	
		2011+07	21.5' RT	1	
		TOTAL		12	

CULVERT PIPE REMOVAL SUMMARY

CATEGORY		STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.0270 ABANDONING CULVERT PIPES EACH
0010	MAINLINE	9702+02 WB	29' RT	1	---
		10100+57 WB	30.1' RT	1	---
	CROSSOVERS	9749+67 CX	42' RT	1	---
		10012+12 HX	18' LT	1	---
		10015+10 HX	9' RT	1	---
	STH 97	1022+59	67' RT	---	1
		1022+70	65' LT	---	1
		1022+89	42' RT	---	1
		1026+35	26' RT	---	1
		1026+39	25' LT	---	1
		1027+27	43' LT	---	1
		1028+02	26' LT	---	1
		1028+02	22' RT	---	1
	CTH H	2011+07	21.5' RT	---	1
		TOTALS		5	9

REMOVING STORM SEWER

CATEGORY		STATION	-	STATION	LOCATION	204.0245.01 12-INCH LF
0010	CTH H	2011+06	-	2011+07	LT/RT	45
		TOTAL				45

REMOVING APRON ENDWALLS

CATEGORY		STATION	LOCATION	204.9060.S.01 EACH	REMARKS
0010	CROSSOVERS	9757+05 CX	27' LT	1	STAGE 3
		10051+70 GX	15' RT	1	STAGE 3
		10055+97 GX	29' LT	1	STAGE 3
	STH 97	1024+05	105' RT	1	
		1026+10	122' LT	1	
		1026+14	123' LT	1	
		1026+15	96' RT	1	
		1028+08	62' RT	1	
	CTH H	2011+07	69' RT	1	
	STH 29	9955+55 WB	57.5' LT	1	
		SUBTOTAL (CATEGORY 0010)		10	
0020	STH 97	1021+75	118' RT	1	
		1021+84	117' LT	1	
		1028+17	70' LT	1	
		SUBTOTAL (CATEGORY 0020)		3	
		TOTAL		13	

DIVISION	STATION - STATION	LOCATION	205.0100 EXCAVATION COMMON (CY) (1) CUT (2)	205.0100 EXCAVATION COMMON (CY) (1) EBS EXCAVATION (3)	SALVAGED/ UNUSABLE PAVEMENT MATERIAL (CY)	AVAILABLE MATERIAL (CY) (4)	UNEXPANDED FILL (CY)	EXPANDED FILL (CY) (5) FACTOR 1.25	MASS ORDINATE +/- (CY) (6)	WASTE (CY)	208.0100 BORROW (CY)	312.0110* SELECT CRUSHED MATERIAL (TON)	624.0100* WATER (FOR DUST CONTROL) (MGAL)
CATEGORY 0010													
DIVISION 1 - STAGE 1													
97 MAINLINE XO	9693+57 WB - 9718+45 WB	RT	3,165	0	0	3,165	370	463	2,703		0	0	6
CXO - WB ALI	9748+60 WB - 9750+50 WB	RT	375	0	0	375	8	10	365		0	0	1
CXO - CX ALI	9750+72 CX - 9761+80 CX	LT/RT	462	0	0	462	332	415	47		0	0	1
HXO - HX ALI	10000+84 HX - 10017+47 HX	LT/RT	1,772	0	0	1,772	534	668	1,105		0	0	4
HXO - WB ALI	10017+50 WB - 10026+30 WB	RT	651	0	0	651	202	253	399		0	0	1
GX XO	10050+00 GX - 10060+74 GX	LT/RT	261	0	0	261	719	899	-638		0	0	1
87 MAINLINE XO	10265+00 WB - 10286+64 WB	RT	1,356	0	0	1,356	1,672	2,090	-734		734	0	3
DIVISION 1 SUBTOTAL			8,042	0	0	8,042	3,837	4,796	3,246	3,246	734	0	17
DIVISION 2 - STAGE 2A													
WB MAINLINE	9707+00 WB - 9800+00 WB	LT/RT	42,851	2,143	8,941	33,910	309	386	35,667		0	4,071	90
A RAMP	9727+96 A - 9735+05 A	LT/RT	1,141	57	374	767	2	3	822		0	108	2
B RAMP	9736+17 B - 9745+00 B	LT/RT	1,505	75	490	1,015	3	4	1,087		0	143	3
C RAMP	9735+76 C - 9747+50 C	LT/RT	2,151	108	620	1,531	5	6	1,633		0	204	5
D RAMP	9725+00 D - 9734+00 D	LT/RT	1,743	87	529	1,214	4	5	1,296		0	166	4
STH 97 - INTERCHANGE	1022+08 - 1028+00	LT/RT	715	36	492	223	170	213	46		0	68	2
BURIED CONCRETE PAVEMENT REMOVAL		LT	5,116	0	1,067	4,049	5,116	6,395	-2,346		0	0	10
DIVISION 2 SUBTOTAL			55,222	2,505	12,512	42,710	5,609	7,011	38,204	38,204	0	4,760	116
DIVISION 3 - STAGE 2B													
WB MAINLINE	9800+00 WB - 10106+55 WB	LT/RT	138,317	6,916	28,357	109,960	169	211	116,665		0	13,140	290
E RAMP	10027+35 E - 10033+52 E	LT/RT	1,106	55	419	687	0	0	742		0	105	2
F RAMP	10034+52 F - 10042+43 F	LT/RT	1,479	74	537	942	0	0	1,016		0	141	3
G RAMP	10034+54 G - 10044+55 G	LT/RT	2,066	103	680	1,386	1	1	1,488		0	196	4
H RAMP	10023+00 H - 10033+58 H	LT/RT	2,348	117	725	1,623	0	0	1,740		0	223	5
CTH H	2005+77 - 2013+84	LT/RT	1,676	84	730	946	105	131	898		0	159	4
BURIED CONCRETE PAVEMENT REMOVAL		LT	4,699	0	1,014	3,685	4,699	5,874	-2,189		0	0	9
DIVISION 3 SUBTOTAL			151,691	7,350	32,462	119,229	4,974	6,218	120,361	120,361	0	13,964	317
DIVISION 4 - STAGE 3													
STH 97 BULLNOSE	9732+68 WB - 9738+75 WB	RT	156	0	0	156	19	24	132		0	0	1
CX XO REMOVAL	9747+51 WB - 9763+50 WB	RT	2,080	0	146	1,934	10	13	1,922		0	0	4
CTH H BULLNOSE	10031+05 WB - 10037+64 WB	RT	231	0	0	231	26	33	199		0	0	1
GX XO REMOVAL	10050+10 WB - 10060+70 WB	RT	1,220	0	146	1,074	38	48	1,026		0	0	2
DIVISION 4 SUBTOTAL			3,687	0	292	3,395	93	116	3,279	3,279	0	0	8
DIVISION 5 - MISCELLANEOUS													
SIDEROADS/MEDIAN OPENINGS		LT/RT	3,224	161	659	2,565	141	176	2,550		0	306	7
DIVISION 5 SUBTOTAL			3,224	161	659	2,565	141	176	2,550	2,550	0	306	7
CATEGORY 0010 SUBTOTAL			221,867	10,016	45,926	175,941	14,654	18,318	167,639	167,639	734	19,031	465
CATEGORY 0020													
DIVISION 6 - STAGE 2A													
STH 97 - SOUTH	1000+00 - 1022+08	LT/RT	3,288	164	1,489	1,799	46	58	1,905		0	312	7
STH 97 - NORTH	1028+00 - 1036+89	LT/RT	1,494	75	600	894	8	10	959		0	142	3
DIVISION 6 SUBTOTAL			4,782	239	2,090	2,692	54	68	2,864	2,864	0	454	10
CATEGORY 0020 SUBTOTAL			4,782	239	2,090	2,692	54	68	2,864	2,864	0	454	10
GRAND TOTAL			226,649	10,255							734	19,485	475
TOTAL EXCAVATION COMMON			236,904										

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

NOTES:
(1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100.
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL OR SUITABLE CUT MATERIAL AS DIRECTED BY THE PROJECT ENGINEER.
(4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL.
(5) EXPANDED FILL = UNEXPANDED FILL * EXPANDED FILL FACTOR. EXPANDED FILL FACTOR = 1.25.
(6) MASS ORDINATE = CUT + EBS EXCAVATION - SALVAGED/UNUSABLE PAVEMENT MATERIAL - EXPANDED FILL. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

BASE AGGREGATE DENSE SUMMARY

CATEGORY		STATION	-	STATION	305.0110* BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	624.0100* WATER (FOR COMPACTION) MGAL	624.0100* WATER (FOR DUST CONTROL) MGAL
0010	MAINLINE	9707+00 WB	-	9750+00 WB	1,800	12,000	280	70
		9750+00 WB	-	9800+00 WB	2,450	14,100	330	85
		9800+00 WB	-	9850+00 WB	2,330	13,600	320	80
		9850+00 WB	-	9900+00 WB	2,440	14,500	340	85
		9900+00 WB	-	9950+00 WB	2,330	13,500	320	80
		9950+00 WB	-	10000+00 WB	2,440	14,300	330	85
		10000+00 WB	-	10050+00 WB	1,970	14,100	320	80
		10050+00 WB	-	10106+55 WB	2,720	15,600	370	95
	RAMPS	9727+97 A	-	9735+05 A	310	1,400	30	10
		9736+17 B	-	9745+45 B	410	1,800	40	10
		9735+76 C	-	9745+89 C	450	1,900	50	15
		9726+77 D	-	9734+82 D	350	1,500	40	10
		10027+35 E	-	10033+52 E	270	1,200	30	10
		10034+52 F	-	10042+43 F	350	1,500	40	10
		10034+44 G	-	10043+00 G	370	1,600	40	10
		10024+89 H	-	10033+58 H	380	1,700	40	10
	STH 97	1022+09	-	1028+10	50	1,200	30	10
	CTH H	2005+77	-	2008+71	60	1,000	20	5
		2010+85	-	2013+84	40	900	20	5
	CROSSOVERS	9693+56 WBX1	-	9715+04 WBX1	410	3,900	90	25
		9694+40 WBX1	-	9713+68 WBX1	260	3,400	70	20
		9750+60 CX	-	9761+80 CX	180	1,500	30	10
		10000+84 HX	-	10021+84 HX	570	4,900	110	30
		10049+50 GX	-	10060+74 GX	180	1,500	30	10
		SUBTOTAL (CATEGORY 0010)			23,120	142,600	3,320	860
0020	STH 97	999+95	-	1022+09	940	3,600	90	25
		1028+10	-	1036+94	460	1,500	40	10
		SUBTOTAL (CATEGORY 0020)			1,400	5,100	130	35
				TOTALS	24,520	147,700	3,450	895

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

SELECT CRUSHED SUMMARY

CATEGORY		STATION	-	STATION	LT/RT	312.0110* SELECT CRUSHED MATERIAL TON	645.0140 GEOTEXTILE TYPE SAS SY
0010	MAINLINE	9707+00 WB	-	9750+00 WB	LT	17,200	22,300
		9750+00 WB	-	9800+00 WB	LT	18,800	24,500
		9800+00 WB	-	9850+00 WB	LT	18,400	23,900
		9850+00 WB	-	9900+00 WB	LT	18,700	24,400
		9900+00 WB	-	9950+00 WB	LT	18,500	24,100
		9950+00 WB	-	10000+00 WB	LT	18,600	24,200
		10000+00 WB	-	10050+00 WB	LT	20,000	26,000
		10050+00 WB	-	10106+55 WB	LT	20,400	26,600
		SUBTOTAL (CATEGORY 0010)				150,600	196,000
				TOTALS		150,600	196,000

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE PAVEMENT SUMMARY

CATEGORY		STATION	-	STATION	SPV.0180.02 HP CONCRETE PAVEMENT 8-INCH SY	SPV.0180.03 HP CONCRETE PAVEMENT 10-INCH SY	415.0410 APPROACH SLAB SY	415.6000.S ROUT AND SEAL LF	416.0620 DRILLED DOWEL BARS EACH
0010	MAINLINE	9707+00 WB	-	9750+00 WB	---	14,260	---	9,160	16
		9750+00 WB	-	9800+00 WB	---	14,870	---	10,000	---
		9800+00 WB	-	9850+00 WB	---	14,440	---	10,000	---
		9850+00 WB	-	9900+00 WB	---	14,450	---	10,000	---
		9900+00 WB	-	9950+00 WB	---	14,440	---	10,000	---
		9950+00 WB	-	10000+00 WB	---	14,440	---	10,000	---
		10000+00 WB	-	10050+00 WB	---	16,630	---	10,710	---
		10050+00 WB	-	10106+55 WB	---	16,240	122	11,200	---
	RAMPS	9727+97 A	-	9735+05 A	---	1,190	---	1,420	11
		9736+17 B	-	9745+45 B	---	1,610	---	1,850	11
		9735+76 C	-	9745+89 C	---	1,700	---	2,040	---
		9726+77 D	-	9734+82 D	---	1,400	---	1,560	---
		10027+35 E	-	10033+52 E	---	1,040	---	1,230	11
		10034+52 F	-	10042+43 F	---	1,440	---	1,580	11
		10034+44 G	-	10043+00 G	---	1,420	---	1,690	---
		10024+89 H	-	10033+58 H	---	1,540	---	1,730	---
	STH 97	1022+09	-	1028+10	2,650	---	109	---	---
	CTH H	2005+77	-	2008+71	1,820	---	40	---	---
		2010+85	-	2013+84	1,630	---	41	---	---
		SUBTOTAL (CATEGORY 0010)			6,100	131,110	312	94,170	60
0020	STH 97	999+95	-	1022+08	7,410	---	---	---	---
		1028+10	-	1036+94	2,980	---	---	---	---
		SUBTOTAL (CATEGORY 0020)			10,390	---	---	---	---
		TOTALS			16,490	131,110	312	94,170	60

HMA PAVEMENT SUMMARY

CATEGORY		STATION	-	STATION	455.0605 TACK COAT GAL	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.7223 HMA PAVEMENT 3 HT 58-28 S TON	460.7424 HMA PAVEMENT 4 HT 58-28 H TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON
0010	MAINLINE	9707+00 WB	-	9750+00 WB	180	1,000	---	---	---
		9750+00 WB	-	9800+00 WB	280	1,490	---	---	---
		9800+00 WB	-	9850+00 WB	270	1,380	---	---	---
		9850+00 WB	-	9900+00 WB	330	1,690	---	---	---
		9900+00 WB	-	9950+00 WB	250	1,330	---	---	---
		9950+00 WB	-	10000+00 WB	310	1,600	---	---	---
		10000+00 WB	-	10050+00 WB	220	1,200	---	---	---
		10050+00 WB	-	10106+55 WB	300	1,650	---	---	---
	RAMPS	9727+97 A	-	9735+05 A	20	140	---	---	---
		9736+17 B	-	9745+45 B	30	170	---	---	---
		9735+76 C	-	9745+89 C	30	200	---	---	---
		9726+77 D	-	9734+82 D	20	150	---	---	---
		10027+35 E	-	10033+52 E	20	120	---	---	---
		10034+52 F	-	10042+43 F	20	140	---	---	---
		10034+44 G	-	10043+00 G	30	170	---	---	---
		10024+89 H	-	10033+58 H	30	160	---	---	---
	CTH H	2005+77	-	2008+71	8	25	---	---	---
		2010+85	-	2013+84	6	18	---	---	---
	CROSSOVERS	9693+56 WBX1	-	9715+04 WBX1	170	---	640	360	---
		9694+40 WBX1	-	9713+68 WBX1	170	---	640	360	---
		9750+60 CX	-	9761+79 CX	---	---	---	---	350
		10000+84 HX	-	10021+84 HX	195	---	720	410	---
		10049+50 GX	-	10060+74 GX	---	---	---	---	350
		SUBTOTAL (CATEGORY 0010)			2,889	12,633	2,000	1,130	700
0020	STH 97	999+95	-	1024+02	6	18	---	---	---
		1026+12	-	1036+94	6	18	---	---	---
		SUBTOTAL (CATEGORY 0020)			12	36	0	0	0
		TOTALS			2,901	12,669	2,000	1,130	700

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LBS/SY/IN.
TACK CALCULATIONS ARE BASED ON 0.06 GALLONS PER SQUARE YARD.

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DRIVEWAYS AND FIELD ENTRANCES SUMMARY

CATEGORY		STATION	LOCATION	305.0110* BASE AGGREGATE DENSE 3/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
0010	MAINLINE	9803+16 WB	LT	40	---
		9823+42 WB	LT	40	---
		9829+45 WB	LT	30	---
		9841+09 WB	LT	30	---
		9899+73 WB	LT	30	---
		9910+33 WB	LT	30	---
		9922+09 WB	LT	30	---
		10004+80 WB	LT	10	---
		10100+59 WB	LT	30	---
		SUBTOTALS (CATEGORY 0010)		270	0
0020	STH 97	1000+76	LT	17	---
		1001+70	RT	30	19
		1032+83	RT	30	16
		1033+43	RT	30	19
		1034+31	RT	20	14
		1036+05	RT	20	12
		SUBTOTALS (CATEGORY 0020)		147	80
		TOTALS		417	80

*ADDITIONAL QUANTITIES LISTED ELSEWHERE
ASPHALT WEIGHT CALCULATIONS ARE BASED ON 112 LBS/SY/IN.

RUMBLE STRIP SUMMARY

CATEGORY		STATION	-	STATION	LOCATION	465.0510 ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY LF	602.3210 CONCRETE RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY LF
0010	MAINLINE	9707+00 WB	-	9750+00 WB	LT/RT	4,350	2,900
		9750+00 WB	-	9800+00 WB	LT/RT	4,570	4,020
		9800+00 WB	-	9850+00 WB	LT/RT	4,400	4,730
		9850+00 WB	-	9900+00 WB	LT/RT	4,230	4,320
		9900+00 WB	-	9950+00 WB	LT/RT	4,440	4,930
		9950+00 WB	-	10000+00 WB	LT/RT	4,370	4,470
		10000+00 WB	-	10050+00 WB	LT/RT	4,770	3,270
		10050+00 WB	-	10106+55 WB	LT/RT	3,030	4,810
					TOTALS	34,160	28,640

NOTE: DO NOT INSTALL ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY BETWEEN THE FOLLOWING STATION RANGES:
STA. 9694+40 WB - 9715+04 WB
STA. 10015+93 WB - 10026+03 WB
STA. 10078+47 WB - 10103+36 WB

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RUBBERIZED MEMBRANE WATERPROOFING

CATEGORY	STATION	LOCATION	516.0500 SY
0010	9953+00 WB	C-37-18	4
		TOTAL	4

CULVERT PIPE SUMMARY

CATEGORY	DOWNSTATION STATION	OFFSET	ELEV.	UPSTATION STATION	OFFSET	ELEV.	*520.1012 APRON ENDWALLS FOR CULVERT PIPE 12-INCH EACH	*520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	521.1024 APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH EACH	*520.2012 CULVERT PIPE TEMPORARY 12-INCH LF	520.3318 CULVERT PIPE CLASS III-A 18-INCH LF	521.3124 CULVERT PIPE CORRUGATED STEEL 24-INCH LF	633.5200* MARKERS CULVERT END EACH
0010	9955+55.3 WB	57.5'LT	1354.05	9955+63.3 WB	57.4'LT	1354.04	---	---	1	---	---	8	1
	10100+29.9 WB	29.9'RT	1270.13	10100+81.9 WB	30.0'RT	1269.77	---	2	---	---	52	---	2
	10051+69.9 GX	15.0'RT	1246.25	10055+96.7 GX	28.8'LT	1244.85	2	---	---	430	---	---	---
					TOTALS		2	2	1	430	52	8	3

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

STORM SEWER SUMMARY

CATEGORY	FROM STATION	OFFSET	ELEV.	TO STATION	OFFSET	ELEV.	*520.1012 APRON ENDWALLS FOR CULVERT PIPE 12-INCH EACH	*520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	*520.2012 CULVERT PIPE TEMPORARY 12-INCH LF	520.8000 CONCRETE COLLARS FOR PIPE EACH	524.0618 APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	611.0642 INLET COVERS TYPE MS EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	GRATE ELEVATION
0010	9702+40.2 WB	29.3'RT	1399.00	9700+36.3 WB	29.9'RT	1398.00	---	1	---	---	---	---	200	---	1	1	---	1401.63
	9757+05.1 CX	27.1'LT	1390.60	9753+03.9 CX	14.8'RT	1384.93	1	---	404	---	1	---	---	---	1	1	---	1387.07
	10014+60.8 HX	23.5'LT	1286.01	10016+61.7 HX	26.4'RT	1282.50	1	---	---	---	---	207	---	---	1	1	---	1289.07
	10016+61.7 HX	26.4'RT	1282.50	10016+63.9 HX	7.4'RT	1282.44	---	---	---	1	---	---	---	19	2	---	1	1285.07
					TOTALS		2	1	404	1	1	207	200	19	5	3	1	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE SURFACE DRAIN SUMMARY

CATEGORY	FROM STATION	OFFSET	ELEV.	TO STATION	OFFSET	ELEV.	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH EACH	530.0112 CULVERT PIPE CORRUGATED POLYETHYLENE 12-INCH LF	611.0654 INLET COVERS TYPE V EACH	611.3003 INLETS 3-FT DIAMETER EACH	633.5200 * MARKERS CULVERT END EACH	GRATE ELEVATION
0010	1026+69.94	24.5'RT	1433.58	1026+11.73	92.0'RT	1413.00	1	90	1	1	1	1437.58
	1026+72.60	24.5'LT	1433.54	1026+19.13	91.9'LT	1414.00	1	90	1	1	1	1437.54
	2011+41.67	22.5'RT	1278.77	2011+08.92	85.6'RT	1259.50	1	75	1	1	1	1282.77
	2011+41.72	22.5'LT	1278.77	2011+09.24	89.0'LT	1262.05	1	75	1	1	1	1282.77
					TOTALS		4	330	4	4	4	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE CURB & GUTTER SUMMARY

CATEGORY		STATION	-	STATION	LOCATION	601.0551 4-INCH SLOPED 36-INCH TYPE A LF	601.0553 4-INCH SLOPED 36-INCH TYPE D LF	601.0590 4-INCH SLOPED 36-INCH TYPE TBTT LF	465.0315 ASPHALTIC FLUMES SY
0010	MAINLINE	9750+00 WB	-	9800+00 WB	LT	---	150	---	26
		9850+00 WB	-	9900+00 WB	LT	---	135	---	18
		9950+00 WB	-	10000+00 WB	LT	---	151	---	14
		10050+00 WB	-	10106+55 WB	LT	---	150	---	21
	RAMPS	9736+16.85 B	-	9745+44.78 B	RT	---	---	---	9
		9726+77.47 D	-	9734+82.06 D	RT	---	---	---	9
		10027+35.44 E	-	10033+52.23 E	RT	---	---	---	9
		10034+52.07 F	-	10042+43.22 F	RT	---	---	---	9
		10024+89.04 H	-	10033+58.49 H	RT	---	---	---	9
	STH 97	1022+08.53	-	1028+09.90	LT/RT	267	---	118	27
	CTH H	2005+77.11	-	2008+70.69	LT/RT	132	---	---	---
		2010+84.59	-	2013+83.85	LT/RT	130	---	118	28
				TOTALS		529	586	236	179

RIPRAP SUMMARY

CATEGORY		STATION	-	STATION	LOCATION	606.0100 RIPRAP LIGHT CY	645.0130 GEOTEXTILE TYPE R SY
0010	MAINLINE	9750+00 WB	-	9800+00 WB	LT	8	30
		9850+00 WB	-	9900+00 WB	LT	8	30
		9950+00 WB	-	10000+00 WB	LT	5	20
		10050+00 WB	-	10106+55 WB	LT/RT	19	80
	RAMPS	9727+97 A	-	9735+05 A	RT	22	90
		9736+17 B	-	9745+45 B	RT	19	80
		9726+77 D	-	9734+82 D	LT	9	40
		10027+35 E	-	10033+52 E	RT	19	80
		10034+52 F	-	10042+43 F	RT	24	100
		10034+44 G	-	10043+00 G	LT	23	90
		10024+89 H	-	10033+58 H	LT	17	70
	STH 97	1022+09	-	1028+10	LT/RT	21	90
	CTH H	2010+85	-	2013+84	LT/RT	38	150
				TOTALS		232	950

PIPE UNDERDRAIN WRAPPED 6-INCH

CATEGORY		STATION	-	STATION	LOCATION	612.0406 LF
0010	MAINLINE	9707+00 WB	-	9750+00 WB	LT/RT	---
		9750+00 WB	-	9800+00 WB	LT/RT	180
		9800+00 WB	-	9850+00 WB	LT/RT	180
		9850+00 WB	-	9900+00 WB	LT/RT	---
		9900+00 WB	-	9950+00 WB	LT/RT	180
		9950+00 WB	-	10000+00 WB	LT/RT	180
		10000+00 WB	-	10050+00 WB	LT/RT	---
		10050+00 WB	-	10106+55 WB	LT/RT	---
				TOTAL		720

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GUARDRAIL SUMMARY

CATEGORY		STATION	-	STATION	LOCATION	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM BULLNOSE TERMINAL LF	614.0397 GUARDRAIL MOW STRIP EMULSIFIED ASPHALT SY	614.2300 MGS GUARDRAIL 3 LF	614.2610 TERMINAL EAT EACH	614.2500 MGS THRIE BEAM TRANSITION LF	REMARKS
0010	MAINLINE	9734+54.59 WB	-	9736+29.56 WB	RT	2	150	---	---	---	---	---
		10033+18.43 WB	-	10034+92.96 WB	RT	2	150	---	---	---	---	---
		10061+99 WB	-	10064+90 WB	RT	---	---	130	---	---	---	EXISTING GUARDRAIL
		10063+68 WB	-	10064+72 WB	LT	---	---	47	---	---	---	EXISTING GUARDRAIL
		10065+17.39 WB	-	10067+72.37 WB	LT	---	---	114	162.5	1	39.4	---
		10065+36.09 WB	-	10068+41.07 WB	RT	---	---	134	212.5	1	39.4	---
		10065+59 WB	-	10068+49 WB	RT	---	---	130	---	---	---	EXISTING GUARDRAIL EB STH 29
		10065+80 WB	-	10066+83 WB	RT	---	---	48	---	---	---	EXISTING GUARDRAIL EB STH 29
	STH 97	1022+92.83	-	1023+85.31	RT	---	---	17	---	1	39.4	---
		1022+95.50	-	1023+87.98	LT	---	---	17	---	1	39.4	---
		1026+23.52	-	1027+16.00	RT	---	---	42	---	1	39.4	---
		1026+26.19	-	1027+18.67	LT	---	---	42	---	1	39.4	---
	CTH H	2007+64.41	-	2008+59.89	LT	---	---	17	---	1	39.4	---
		2007+67.25	-	2008+59.73	RT	---	---	17	---	1	39.4	---
		2010+95.39	-	2011+87.87	RT	---	---	41	---	1	39.4	---
		2010+95.67	-	2011+88.15	LT	---	---	41	---	1	39.4	---
		SUBTOTALS (CATEGORY 0010)				4	300	837	375.0	10	394.0	
		TOTALS				4	300	837	375.0	10	394.0	

MOVING SIGNS TYPE II

CATEGORY	PROJECT	638.2102 EACH
0010	1053-07-86	20

REMOVING SIGNS SUMMARY

CATEGORY	PROJECT	638.2602 REMOVNG SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	1053-07-86	5	5

DELINEATOR & MARKER SUMMARY

CATEGORY		STATION	-	STATION	LT/RT	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS EACH	633.5350 MARKERS PERMANENT FLEXIBLE (WHITE TUBULAR) EACH
0010	MAINLINE	9707+00 WB	-	9750+00 WB	LT	22	22	---
		9750+00 WB	-	9800+00 WB	LT	16	16	---
		9800+00 WB	-	9850+00 WB	LT	12	12	---
		9850+00 WB	-	9900+00 WB	LT	12	12	---
		9900+00 WB	-	9950+00 WB	LT	12	12	---
		9950+00 WB	-	10000+00 WB	LT	12	12	---
		10000+00 WB	-	10050+00 WB	LT	26	26	---
		10050+00 WB	-	10106+55 WB	LT	15	15	---
	RAMPS	9727+97 A	-	9735+05 A	LT/RT	7	7	---
		9736+17 B	-	9745+45 B	RT	9	9	---
		9735+76 C	-	9745+89 C	LT/RT	10	10	---
		9726+77 D	-	9734+82 D	LT/RT	7	7	---
		10027+35 E	-	10033+52 E	LT/RT	6	6	---
		10034+52 F	-	10042+43 F	LT/RT	7	7	---
		10034+44 G	-	10043+00 G	LT/RT	8	8	--
		10024+89 H	-	10033+58 H	LT/RT	8	8	---
	MAINLINE CROSSOVERS	9694+00 WB	-	10022+00 WB	LT/RT	30	60	118
				TOTALS		219	249	118

PERMANENT SIGNING SUMMARY

CATEGORY	DESCRIPTION	SIGN MESSAGE	637.2210 SIGNS TYPE II REFLECTIVE H SF	634.0614 POSTS WOOD 4x6-INCH x 14-FT EACH
0010	CTH H EB OFF-RAMP	STOP	5.2	1

EROSION CONTROL AND FINISHING

CATEGORY		STATION	-	STATION	LOCATION	625.0100 TOPSOIL SY	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.7005 INLET PROTECTION TYPE A EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7560 TRACKING PADS EACH	628.7570 ROCK BAGS EACH	630.0130 SEEDING MIXTURE NO. 30 LB	630.0300 SEEDING BORROW PIT LB	630.0500 SEED WATER MGAL	629.0210 FERTILIZER TYPE B CWT
0010	MAINLINE	9694+15 WB	-	9750+00 WB	LT/RT	3,400	410	1,230	3,330	70	3	50	18	1	---	502	---	250	7.0
		9750+00 WB	-	9800+00 WB	LT/RT	5,500	910	2,730	5,050	450	1	90	15	---	---	650	---	330	9.2
		9800+00 WB	-	9850+00 WB	LT/RT	---	---	---	---	---	3	1,400	27	---	---	410	---	200	5.7
		9850+00 WB	-	9900+00 WB	LT/RT	110	---	---	110	---	1	---	27	---	---	411	---	210	5.8
		9900+00 WB	-	9950+00 WB	LT/RT	860	---	---	860	---	1	---	18	---	---	445	---	220	6.2
		9950+00 WB	-	10000+00 WB	LT/RT	720	---	---	720	---	2	---	24	---	---	439	---	220	6.1
		10000+00 WB	-	10050+00 WB	LT/RT	4,120	400	1,200	3,610	500	1	50	24	---	---	590	---	300	8.3
		10050+00 WB	-	10106+55 WB	LT/RT	3,100	---	---	2,900	200	2	---	24	1	---	599	---	300	8.4
	RAMPS	9727+96.95 A	-	9735+05.42 A	LT/RT	---	---	---	---	---	---	---	---	---	---	50	---	20	0.7
		9736+16.85 B	-	9745+44.78 B	LT/RT	---	---	---	---	---	---	---	---	1	---	60	---	30	0.9
		9735+76.47 C	-	9745+88.91 C	LT/RT	40	70	210	40	---	---	---	---	---	---	70	---	40	1.0
		9726+77.47 D	-	9734+82.06 D	LT/RT	---	---	---	---	---	---	---	---	---	---	60	---	30	0.8
		10027+35.44 E	-	10033+52.23 E	LT/RT	---	---	---	---	---	---	---	---	---	---	40	---	20	0.6
		10034+52.07 F	-	10042+43.22 F	LT/RT	---	---	---	---	---	---	---	6	1	---	50	---	30	0.8
		10034+43.77 G	-	10043+00.00 G	LT/RT	100	90	270	---	100	---	---	---	---	---	60	---	30	0.9
		10024+89.04 H	-	10033+58.49 H	LT/RT	---	---	---	---	---	---	---	---	---	---	60	---	30	0.8
	STH 97	1022+08.53	-	1028+09.90	LT/RT	1,270	---	---	1,270	---	---	---	---	---	---	57	---	30	0.8
	CTH H	2005+77.11	-	2008+70.69	LT/RT	320	---	---	320	---	---	---	---	---	---	19	---	10	0.3
		2010+84.59	-	2013+83.85	LT/RT	750	---	---	750	---	---	---	---	---	---	38	---	20	0.5
	CROSSOVERS	9693+55.78 WBX1	-	9715+04.25 WBX1	LT/RT	1,170	---	---	1,170	---	1	50	3	---	---	52	---	30	0.7
		9694+39.85 WBX1	-	9713+68.21 WBX1	LT/RT	2,250	---	---	2,250	---	---	---	6	---	---	100	---	50	1.4
		9750+60 CX	-	9761+79.72 CX	LT/RT	2,010	---	---	2,010	---	1	30	3	---	---	90	---	50	1.3
		10000+84.40 HX	-	10021+83.59 HX	LT/RT	2,130	---	---	2,130	---	2	100	3	---	---	96	---	50	1.3
		10049+50 GX	-	10060+73.68 GX	LT/RT	910	---	---	910	---	---	---	9	---	---	41	---	20	0.6
		UNDISTRIBUTED				7,190	470	1,410	6,860	330	5	440	50	1	50	1,250	---	630	17.5
		BORROW/WASTE SITE				---	2,481	2,481	---	---	---	180	---	2	---	---	1,078	---	107.8
		SUBTOTALS (CATEGORY 0010)			LT/RT	35,950	4,831	9,531	34,290	1,650	23	2,390	257	7	50	6,239	1,078	3,150	195.4
0020	STH 97	999+95.00	-	1022+08.53	LT/RT	---	---	---	---	---	---	---	3	1	---	100	---	50	1.4
		1028+09.90	-	1036+94.07	LT/RT	---	---	---	---	---	---	---	12	1	---	40	---	20	0.6
		SUBTOTALS (CATEGORY 0020)				---	---	---	---	---	---	---	15	2	---	140	---	70	2.0
		TOTALS				35,950	4,831	9,531	34,290	1,650	23	2,390	272	9	50	6,379	1,078	3,220	197.4

*SEED WATER QUANTITY INCULDED FOR 4 WEEKS OF WATERING

EROSION CONTROL MOBILIZATION SUMMARY

CATEGORY	PROJECT	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	1053-07-86	20	7

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TRAFFIC CONTROL SUMMARY

CATEGORY	LOCATION	DURATION (DAYS)	633.1100 DELINEATORS TEMPORARY	643.0300 TRAFFIC CONTROL DRUMS		643.0420 TRAFFIC CONTROL BARRICADES TYPE III		643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS	643.0600 BASES	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A		643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C		SPV.0045.01 CONNECTED WORK ZONE NOTIFICATION SYSTEM		643.0900 TRAFFIC CONTROL SIGNS		643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I			643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II		
			EACH	EACH	DAY	QTY	DAY	EACH	EACH	QTY	DAY	QTY	DAY	QTY	DAY	QTY	DAY	CYCLES	QTY	EACH	CYCLES	QTY	EACH
0010	ADVANCE WARNING	214	---	---	---	---	---	---	---	---	---	---	---	---	---	18	3,852	---	---	---	---	---	---
	STH 97 DETOUR	105	---	40	4,200	42	4,410	---	---	72	7,560	---	---	---	---	277	29,085	1	3	3	1	2	2
	STAGE 2 WIDTH RESTRICTION	196	---	---	---	---	---	---	---	---	---	---	---	---	---	29	5,684	---	---	---	---	---	---
	STAGE 2 SIDEROADS	196	---	45	8,820	45	8,820	24	24	54	10,584	---	---	---	---	32	6,272	---	---	---	1	27	27
	STAGE 1	24	---	557	13,368	19	456	---	---	38	912	156	3,744	4	96	82	1,968	---	---	---	1	3	3
	STAGE 2A	112	81	298	33,376	33	3,696	861	861	44	4,928	100	11,200	1	112	60	6,720	---	---	---	1	3	3
	STAGE 2B	84	52	357	29,988	28	2,352	100	100	44	3,696	85	7,140	1	84	56	4,704	1	2	2	1	3	3
	STAGE 3	31	---	1,146	35,526	70	2,170	---	---	140	4,340	108	3,348	1	31	100	3,100	---	---	---	1	3	3
	UNDISTRIBUTED		10	---	6,300	---	1,100	50	50	---	1,700	---	1,300	---	100	---	3,100	---	---	2	---	---	10
	TOTALS		143		131,578		23,004	1,035	1,035		33,720		26,732		423		64,485			7			54

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TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	LOCATION	SIGN MESSAGE	SIZE IN X IN	643.1000 SF	NOTES
0010	EB STH 29 AT BUTTERNUT ROAD	HWY 29 ROAD WORK BEGINS XXX-XX	96 X 48	64	INSTALL 7 DAYS BEFORE CONSTRUCTION START
	WB STH 29 EAST OF STH 107	HWY 97 SB RAMP CLOSED USED EXIT 156	120 X 54	45	INSTALL WITH STH 97 DETOUR
	STH 97 AT STH 153	HWY 97 ROAD CLOSED BEGINS XXX-XX	72 X 36	18	INSTALL 7 DAYS BEFORE STH 97 CLOSURE
	NB AND SB STH 97 AT STH 29	HWY 97 ROAD CLOSED BEGINS XXX-XX	72 X 36	36	INSTALL 7 DAYS BEFORE STH 97 CLOSURE
	EB AND WB STH 29 EXIT RAMPS TO STH 97	RAMP CLOSED BEGINNING XXX-XX	90 X 48	60	INSTALL 7 DAYS BEFORE STH 97 CLOSURE
	WB STH 29 EAST OF STH 97	HWY 97 NB RAMP CLOSED USE EXIT 132	120 X 54	45	INSTALL WITH STH 97 DETOUR
	EB STH 29 WEST OF STH 13	HWY 97 RAMP CLOSED USE EXIT 132	120 X 54	45	INSTALL WITH STH 97 DETOUR
	STH 97 AT STH 64	HWY 97 ROAD CLOSED BEGINS XXX-XX	72 X 36	18	INSTALL 7 DAYS BEFORE STH 97 CLOSURE
	WB STH 29 AT PURPLE MARTIN LANE	HWY 29 ROAD WORK BEGINS XXX-XX	96 X 48	32	INSTALL 7 DAYS BEFORE CONSTRUCTION START
	TOTAL			363	

TEMPORARY MARKING LINE

CATEGORY	STAGE		STATION	-	STATION	LOCATION	643.3170 EPOXY 6-INCH (WHITE) LF	643.3170 EPOXY 6-INCH (YELLOW) LF	643.3170 EPOXY 6-INCH (DOUBLE YELLOW) LF	643.3180 REMOVABLE TAPE 6-INCH (WHITE) LF	643.3180 REMOVABLE TAPE 6-INCH (YELLOW) LF	643.3180 REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3280 REMOVABLE TAPE 10-INCH (WHITE) LF
0010	1	MAINLINE	9707+00 WB	-	9750+00 WB	RT	---	---	---	---	660	---	---
			9750+00 WB	-	9800+00 WB	LT	---	---	---	---	660	---	---
			10000+00 WB	-	10050+00 WB	RT	---	---	---	---	660	---	---
			10050+00 WB	-	10106+55 WB	LT	---	---	---	---	660	---	---
			SUBTOTALS (STAGE 1)				---	---	---	---	2,640	---	---
	2A	MAINLINE	9707+00 WB	-	9750+00 WB	RT	3,700	---	---	2,100	2,060	7,710	---
			9750+00 WB	-	9800+00 WB	RT	5,000	---	---	---	---	10,000	---
			9800+00 WB	-	9850+00 WB	RT	5,000	---	---	---	---	10,000	---
			9850+00 WB	-	9900+00 WB	RT	5,000	---	---	---	---	10,000	---
			9900+00 WB	-	9950+00 WB	RT	5,000	---	---	---	---	10,000	---
			9950+00 WB	-	10000+00 WB	RT	5,000	---	---	---	---	10,000	
			10000+00 WB	-	10050+00 WB	RT	4,000	---	7,500	---	---	2,500	100
			10050+00 WB	-	10106+55 WB	RT	5,100	---	11,300	---	---	---	100
		CROSSOVERS	10000+84 HX	-	10025+12 HX	LT	2,400	1,400	---	---	---	---	100
			10046+39 GX	-	10060+74 GX	LT	---	900	---	1,430	---	---	100
			SUBTOTALS (STAGE 2A)				40,200	2,300	18,800	3,530	2,060	60,210	400
	2B	MAINLINE	9707+00 WB	-	9750+00 WB	LT	---	---	---	350	---	---	---
			9750+00 WB	-	9800+00 WB	LT	---	---	---	---	---	---	100
			10000+00 WB	-	10050+00 WB	RT	1,080	---	---	---	---	---	---
			10050+00 WB	-	10106+55 WB	RT	540	---	---	---	---	---	---
		CROSSOVERS	9747+50 CX	-	9761+80 CX	LT	---	---	---	1,430	890	---	100
			SUBTOTALS (STAGE 2B)				1,620	---	---	1,780	890	---	200
			UNDISTRIBUTED				2,090	120	940	270	280	3,010	30
			TOTALS					66,070			74,670		630

MARKING REMOVAL LINE

CATEGORY	STAGE		STATION	-	STATION	LOCATION	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF
0010	1	MAINLINE	9707+00 WB	-	9750+00 WB	RT	165
			9750+00 WB	-	9800+00 WB	LT	165
			10000+00 WB	-	10050+00 WB	RT	165
			10050+00 WB	-	10106+55 WB	LT	165
			SUBTOTALS (STAGE 1)				660
	2A	MAINLINE	9707+00 WB	-	9750+00 WB	RT	1,230
			9750+00 WB	-	9800+00 WB	RT	---
			9800+00 WB	-	9850+00 WB	RT	---
			9850+00 WB	-	9900+00 WB	RT	---
			9900+00 WB	-	9950+00 WB	RT	---
			9950+00 WB	-	10000+00 WB	RT	---
			10000+00 WB	-	10050+00 WB	RT	---
			10050+00 WB	-	10106+55 WB	RT	---
		CROSSOVERS	10000+84 HX	-	10025+12 HX	LT	1,350
			10046+39 GX	-	10060+74 GX	LT	970
			SUBTOTALS (STAGE 2A)				3,550
	2B	CROSSOVERS	9757+45 CX	-	9761+80 CX	LT	440
			SUBTOTALS (STAGE 2B)				440
			SUBTOTALS (PROJECT)				4,650
			UNDISTRIBUTED				230
			TOTAL				4,880

PERMANENT MARKING SUMMARY

CATEGORY		STATION - STATION	646.2020 MARKING LINE EPOXY 6-INCH (WHITE) LF	646.2020 MARKING LINE EPOXY 6-INCH (YELLOW) LF	646.2020 MARKING LINE EPOXY 6-INCH (WHITE SKIP) (3' SEG, 9' GAP) LF	646.2020 MARKING LINE EPOXY 6-INCH (WHITE SKIP) (12.5' SEG, 37.5' GAP) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW SKIP) (12.5' SEG, 37.5' GAP) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE SKIP) (3' SEG, 9' GAP) LF	646.4020 MARKING LINE EPOXY 10-INCH (WHITE) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5420 MARKING AERIAL ENFORCEMENT BAR EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7220 MARKING CHEVRON EPOXY 24-INCH LF
0010	MAINLINE	9694+40 WB - 9707+00 WB	---	870	---	120	470	470	---	---	310	---	---	---	---	430	---	---
		9707+00 WB - 9750+00 WB	800	800	---	2,150	8,690	7,790	---	---	220	---	2,780	---	---	2,170	2,780	222
		9750+00 WB - 9800+00 WB	---	---	---	2,500	9,740	9,750	---	---	---	---	850	---	---	2,500	850	---
		9800+00 WB - 9850+00 WB	---	---	---	2,500	9,880	9,790	---	---	---	---	200	---	---	2,500	200	---
		9850+00 WB - 9900+00 WB	---	---	---	2,500	9,740	9,760	390	---	---	---	1,100	---	69	2,500	1,100	---
		9900+00 WB - 9950+00 WB	---	---	---	2,500	9,870	9,750	---	---	---	---	400	---	---	2,500	400	---
		9950+00 WB - 10000+00 WB	---	---	---	2,500	9,740	9,770	---	---	---	---	850	8	59	2,500	850	---
		10000+00 WB - 10050+00 WB	8,150	8,320	260	2,500	1,450	1,680	---	---	---	3,250	---	2	---	420	---	104
		10050+00 WB - 10106+55 WB	11,170	11,060	60	2,830	---	---	---	---	---	230	---	---	31	---	---	---
	RAMPS	9726+58 A - 9735+05 A	---	---	---	---	850	800	---	---	---	---	50	---	43	---	50	---
		9736+17 B - 9745+56 B	---	---	---	---	930	890	---	---	---	---	50	---	---	---	50	---
		9735+76 C - 9745+89 C	---	---	---	---	1,010	980	---	---	---	---	30	---	46	---	30	---
		9726+77 D - 9734+82 D	---	---	---	---	800	770	---	---	---	---	30	---	---	---	30	---
		10023+82 E - 10033+52 E	350	320	---	---	620	620	---	---	---	---	---	---	58	---	---	---
		10034+52 F - 10043+80 F	140	140	---	---	780	790	---	---	---	---	---	---	---	---	---	---
		10034+44 G - 10043+00 G	30	---	---	---	810	810	---	---	---	30	---	---	45	---	---	---
		10024+89 H - 10033+58 H	30	---	---	---	830	840	---	---	---	30	---	---	---	---	---	---
	STH 97	1022+09 - 1028+10	---	---	---	---	930	150	990	---	---	---	---	---	---	---	---	---
	CTH H	2005+77 - 2013+84	---	---	---	---	1,320	170	1,380	---	---	---	---	---	---	---	---	---
		SUBTOTALS (CATEGORY 0010)	20,670	21,510	320	20,100	68,460	65,580	2,760	---	530	3,540	6,340	10	351	15,520	6,340	326
		ITEM TOTALS (CATEGORY 0010)			62,600				137,330			3,540	6,340	10	351	15,520	6,340	326
0020	STH 97	999+95 - 1022+08	---	---	---	---	4,430	1,110	970	430	---	---	---	---	---	---	---	---
		1028+10 - 1036+94	---	---	---	---	1,770	790	190	200	---	---	---	---	---	---	---	---
		SUBTOTALS (CATEGORY 0020)	---	---	---	---	6,200	1,900	1,160	630	---	---	---	---	---	---	---	---
		ITEM TOTALS (CATEGORY 0020)			---				9,890			---	---	---	---	---	---	---
		ITEM GRAND TOTALS			62,600				147,220			3,540	6,340	10	351	15,520	6,340	326

SAWING

CATEGORY	STAGE		STATION	-	STATION	LOCATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF
0010	STAGE 1	MAINLINE	9694+39.85 WB	-	9706+90.00 WB	RT	1,250	---
		CROSSOVERS	9693+56.96 WBX1	-	9705+97.22 WBX1	LT/RT	1,240	---
			9705+98.28 WBX2	-	9713+68.21 WBX2	LT/RT	770	---
			9757+05.11 CX	-	9761+79.72 CX	LT/RT	480	---
			10000+84.40 HX	-	10011+65.10 HX	LT/RT	1,090	---
			10004+58 HX	-	10004+94.56 HX	LT	40	---
			10049+56.08 GX	-	10051+73.37 GX	LT/RT	220	---
			10055+98.60 GX	-	10060+73.68 GX	LT/RT	480	---
			SUBTOTALS (STAGE 1)				5,570	---
	STAGE 2A	MAINLINE	9706+90 WB	-	9709+00 WB	LT/RT	240	25
			9751+90 WB	-	9753+50 WB	RT	165	---
			9769+95.9 WB	-	9771+29 WB	RT	135	---
			9770+55.9 WB	-	9770+82 WB	LT	25	---
			9823+13 WB	-	9824+08 WB	RT	95	---
			9875+43.8 WB	-	9876+66.7 WB	RT	125	---
			9876+13.5 WB	-	9876+37.5 WB	LT	25	---
			9928+15 WB	-	9929+50 WB	RT	135	---
			9954+34 WB	-	9955+52 WB	RT	120	---
			9955+02.5 WB	-	9955+25 WB	LT	25	---
			10014+00 WB	-	10014+00 WB	LT/RT	10	30
			10024+58 WB	-	10024+58 WB	LT/RT	20	25
			10044+19 WB	-	10045+00 WB	LT/RT	95	25
			10054+00 WB	-	10054+00 WB	LT/RT	10	25
			10064+72.6 WB	-	10065+37 WB	LT/RT	25	60
			10079+71.5 WB	-	10080+97 WB	RT	125	---
			10080+03 WB	-	10080+27 WB	LT	25	---
		RAMPS	9727+97 A	-	9727+97 A	LT/RT	10	15
			9745+45 B	-	9745+45 B	LT/RT	10	15
			SUBTOTALS (STAGE 2A)				1,420	220
	STAGE 2B	MAINLINE	10015+37 WB	-	10017+95 WB	RT	260	---
		RAMPS	9745+45 E	-	9745+45 E	LT/RT	7	15
			10042+43 F	-	10042+43 F	LT/RT	8	15
		CTH H	2005+77	-	2005+77	LT/RT	40	---
			2008+71	-	2008+71	LT/RT	---	45
			2010+85	-	2010+85	LT/RT	---	45
			2013+84	-	2010+85	LT/RT	30	---
			SUBTOTALS (STAGE 2B)				345	120

CON'T. ABOVE

CATEGORY	STAGE		STATION	-	STATION	LOCATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF
	STAGE 3	MAINLINE	9750+65 WB	-	9752+82 WB	RT	215	---
			9802+90 WB	-	9803+64 WB	RT	75	---
			9840+81 WB	-	9841+55 WB	RT	75	---
			9899+36 WB	-	9900+10 WB	RT	75	---
			9974+27 WB	-	9975+01 WB	RT	75	---
			10004+63 WB	-	10004+98 WB	RT	35	---
			10049+55 WB	-	10051+73 WB	RT	220	---
			10100+21 WB	-	10100+95 WB	RT	75	---
		CROSSOVERS	9757+05 CX	-	9761+38 CX	LT	435	---
			10055+99 GX	-	10060+32 GX	LT/RT	435	---
			SUBTOTALS (STAGE 3)				1,715	---
			SUBTOTALS (CATEGORY 0010)				9,050	340
0020	STAGE 2A	STH 97	999+95	-	999+95	LT/RT	30	---
			1001+61	-	1001+79	RT	18	
			1024+01	-	1024+01	LT/RT	---	50
			1026+14	-	1026+14	LT/RT	---	50
			1032+75	-	1032+91	RT	16	---
			1033+32	-	1033+54	RT	22	---
			1034+22	-	1034+41	RT	19	---
			1035+98	-	1036+12	RT	14	---
			1036+94	-	1036+94	LT/RT	30	---
			SUBTOTALS (STAGE 2A)				149	100
			SUBTOTALS (CATEGORY 0020)				149	100
			TOTALS				9,199	440

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CONSTRUCTION STAKING SUMMARY

CATEGORY		STATION - STATION	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	MAINLINE	9707+00 WB - 9750+00 WB	LT/RT	2	4,300	---	---	---	4,300	4,300
		9750+00 WB - 9800+00 WB	LT/RT	---	5,000	385	150	---	5,000	5,000
		9800+00 WB - 9850+00 WB	LT/RT	---	5,000	407	---	---	5,000	5,000
		9850+00 WB - 9900+00 WB	LT/RT	---	5,000	655	135	---	5,000	5,000
		9900+00 WB - 9950+00 WB	LT/RT	---	5,000	506	---	---	5,000	5,000
		9950+00 WB - 10000+00 WB	LT/RT	---	5,000	505	151	1	5,000	5,000
		10000+00 WB - 10050+00 WB	LT/RT	---	5,000	---	---	---	5,000	5,000
		10050+00 WB - 10106+55 WB	LT/RT	---	5,655	470	150	1	5,655	5,655
	RAMPS	9727+97 A - 9735+05 A	LT/RT	---	708	---	---	---	708	708
		9736+17 B - 9745+45 B	LT/RT	---	928	---	---	---	928	928
		9735+76 C - 9745+89 C	LT/RT	---	1,012	---	---	---	1,012	1,012
		9726+77 D - 9734+82.06 D	LT/RT	---	805	---	---	---	805	805
		10027+35 E - 10033+52 E	LT/RT	---	617	---	---	---	617	617
		10034+52 F - 10042+43 F	LT/RT	---	791	---	---	---	791	791
		10034+44 G - 10043+00 G	LT/RT	---	856	---	---	---	856	856
		10024+89 H - 10033+58 H	LT/RT	---	869	---	---	---	869	869
	STH 97	1022+08 - 1028+10	LT/RT	2	389	---	---	---	389	389
	CTH H	2005+77 - 2008+71	LT/RT	---	294	---	---	---	294	294
		2010+85 - 2013+84	LT/RT	2	299	---	---	---	299	299
	CROSSOVERS	9693+56 WBX1 - 9715+04 WBX1	LT/RT	---	2,148	2,148	---	---	---	2,148
		9694+40 WBX1 - 9713+68 WBX1	LT/RT	---	1,928	1,928	---	---	---	1,928
		9750+60 CX - 9761+80 CX	LT/RT	2	1,114	1,114	---	---	---	1,114
		10000+84 HX - 10021+84 HX	LT/RT	2	2,519	2,519	---	---	---	2,519
		10049+50 GX - 10060+74 GX	LT/RT	---	1,118	1,118	---	1	---	1,118
		SUBTOTALS (CATEGORY 0010)		10	56,350	11,755	586	3	47,523	56,350
0020	STH 97	999+95 - 1022+08	LT/RT	---	2,214	---	---	---	2,214	2,214
		1028+10 - 1036+94	LT/RT	---	884	---	---	---	884	884
		SUBTOTALS (CATEGORY 0020)		---	3,098	---	---	---	3,098	3,098
		TOTALS		10	59,448	11,755	586	3	50,621	59,448

REESTABLISH SECTION CORNER MONUMENTS

CATEGORY		STATION	OFFSET	SPV.0060.01 EACH	COMMENTS
0010	MAINLINE	9708+99 WB	15' LT	1	REESTABLISH SECTION CORNER MONUMENT.
		9744+57 WB	19' LT	1	REESTABLISH SECTION CORNER MONUMENT.
		9770+79 WB	4' RT	1	REESTABLISH SECTION CORNER MONUMENT.
		9797+26 WB	3' LT	1	REESTABLISH SECTION CORNER MONUMENT.
		9823+62 WB	29' LT	1	REESTABLISH SECTION CORNER MONUMENT.
		9849+92 WB	20' LT	1	REESTABLISH SECTION CORNER MONUMENT.
	STH 97	1025+50	10' LT	1	REESTABLISH 4 WITNESS MONUMENTS.
			TOTAL	7	

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION	-	STATION	LOCATION	204.0110 SY
0010	10106+55 WB	-	10157+00 WB	LT/RT	6,800
	10157+00 WB	-	10207+00 WB	LT/RT	7,260
	10207+00 WB	-	10253+83 WB	LT/RT	4,740
				TOTAL	18,800

REMOVING CONCRETE PAVEMENT

CATEGORY	STATION	-	STATION	LOCATION	204.0100 SY
0010	10250+83 WB	-	10253+83 WB	LT/RT	723
				TOTAL	723

REMOVING CURB & GUTTER

CATEGORY	STATION	-	STATION	LOCATION	204.0150 LF
0010	10106+55 WB	-	10157+00 WB	RT	150
	10157+00 WB	-	10207+00 WB	RT	130
				TOTAL	280

REMOVING DELINEATORS

CATEGORY	STATION	-	STATION	LOCATION	204.0180 REMOVING DELINEATORS AND MARKERS EACH
0010	10106+55 WB	-	10157+00 WB	LT	13
	10157+00 WB	-	10207+00 WB	LT	13
	10207+00 WB	-	10253+83 WB	LT	12
				TOTAL	38

EARTHWORK

CATEGORY 0010 - DIVISION 1	STATION - STATION	LOCATION	205.0100 EXCAVATION COMMON (CY) (1)		SALVAGED/ UNUSABLE PAVEMENT MATERIAL (CY)	AVAILABLE MATERIAL (CY) (4)	UNEXPANDED FILL (CY)	EXPANDED FILL (CY) (5)	MASS ORDINATE +/- (CY) (6)	WASTE (CY)
			CUT (2)	EBS EXCAVATION (3)				FACTOR 1.25		
WB MAINLINE	10240+00 WB - 10243+50 WB	RT	41	0	0	41	8	10	31	31
GRAND TOTAL			41	0	0	41	8	10	31	31
TOTAL EXCAVATION COMMON			41							

NOTES:
(1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100.
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL.
(4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL.
(5) EXPANDED FILL = UNEXPANDED FILL * EXPANDED FILL FACTOR. EXPANDED FILL FACTOR = 1.25.
(6) MASS ORDINATE = CUT + EBS EXCAVATION - SALVAGED/UNUSABLE PAVEMENT MATERIAL - EXPANDED FILL. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISI

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BASE AGGREGATE DENSE SUMMARY

CATEGORY	STATION	-	STATION	LOCATION	*305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	624.0100 WATER MGAL	645.0140 GEOTEXTILE TYPE SAS SY
0010	10106+55 WB	-	10157+00 WB	LT/RT	900	5,490	---	130	---
	10157+00 WB	-	10207+00 WB	LT/RT	890	5,370	---	125	---
	10207+00 WB	-	10253+83 WB	LT/RT	830	5,520	740	130	1,330
	10253+83 WB	-	10286+64 WB	LT/RT	620	4,230	---	100	---
				TOTALS	3,240	20,610	740	485	1,330

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

BASE PATCHING SUMMARY

CATEGORY	STATION	-	STATION	LOCATION	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0305 BASE PATCHING CONCRETE HES (11-INCH) CY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	REMARKS
0010	10106+55 WB	-	10157+00 WB	RT	75	75	50	6	
	10157+00 WB	-	10207+00 WB	RT	100	100	50	10	
	10207+00 WB	-	10253+83 WB	RT	43	43	100	---	
	UNDISTRIBUTED			RT	130	130	20	22	EASTBOUND PAVEMENT REPAIRS
				TOTALS	348	348	220	38	

CONCRETE PAVEMENT

CATEGORY	STATION	-	STATION	LOCATION	SPV.0180.01 UNBONDED CONCRETE OVERLAY 7-INCH SY	SPV.0180.03 HP CONCRETE PAVEMENT 10-INCH SY	415.6000.S ROUT AND SEAL LF
0010	10106+55 WB	-	10157+00 WB	LT	14,550	---	10,090
	10157+00 WB	-	10207+00 WB	LT	14,450	---	10,000
	10207+00 WB	-	10250+83 WB	LT	12,650	720	9,270
				TOTALS	41,650	720	29,360

ASPHALTIC ITEMS

CATEGORY	STATION	-	STATION	455.0605 TACK COAT GAL	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.6225 HMA PAVEMENT 5 MT 58-28 S TON	460.7223 HMA PAVEMENT 3 HT 58-28 S TON	460.7424 HMA PAVEMENT 4 HT 58-28 H TON	465.0315 ASPHALTIC FLUMES SY
0010	10106+55 WB	-	10157+00 WB	370	1,640	816	---	---	18
	10157+00 WB	-	10207+00 WB	494	1,880	809	---	---	27
	10207+00 WB	-	10253+83 WB	225	1,130	709	53	14	---
	10253+83 WB	-	10286+64 WB	278	---	---	1,040	584	---
			TOTALS	1,367	4,650	2,334	1,093	598	45

NOTES: A UNIT WEIGHT OF 112 POUNDS PER SQUARE YARD PER INCH OF THICKNESS WAS USED TO ESTIMATE ALL ASPHALT QUANTITIES.

HMA COLD WEATHER PAVING

CATEGORY	PROJECT	450.4000 TON
0010	1053-07-87	600

DRIVEWAYS AND FIELD ENTRANCES SUMMARY

CATEGORY		STATION	LOCATION	305.0110* BASE AGGREGATE DENSE 3/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
0010	MAINLINE	10116+66	LT	40	---
		10151+01	LT	30	---
		10172+53	LT	20	10
		10221+26	LT	20	---
		10238+62	LT	20	---
			TOTALS	130	10

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

RUMBLE STRIPS

CATEGORY	STATION	-	STATION	LOCATION	602.3210 CONCRETE RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY LF	465.0510 ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY LF
0010	10106+55 WB	-	10157+00 WB	LT	4,390	4,210
	10157+00 WB	-	10207+00 WB	LT	4,220	4,180
	10207+00 WB	-	10253+83 WB	LT	4,610	4,400
				TOTALS	13,220	12,790

CULVERT PIPE ITEMS

CATEGORY	STATION	-	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.9060.S.01 REMOVING APRON ENDWALLS EACH	520.3318 CULVERT PIPE CLASS III-A 18-INCH LF	521.3136 CULVERT PIPE CORRUGATED STEEL 36-INCH LF	520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	521.1036 APRON ENDWALLS FOR CULVERT PIPE STEEL 36-INCH EACH	633.5200 MARKERS CULVERT END EACH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	PIPE INLET ELEV.	PIPE DISCHARGE ELEV.	REMARKS
0010	10133+21 WB	-	10133+29 WB	LT	---	1	---	8	---	1	1	1	---	---	REMOVE EXISTING ENDWALL AND EXTEND
	10150+69 WB	-	10151+29 WB	RT	1	---	60	---	2	---	2	1	1,265.01	1,264.30	
	10172+20 WB	-	10172+75 WB	RT	1	---	55	---	2	---	2	1	1,309.11	1,308.66	
				TOTALS	2	1	115	8	4	1	5	3			

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CONCRETE CURB & GUTTER

CATEGORY	STATION	-	STATION	LOCATION	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
0010	10106+55 WB	-	10157+00 WB	LT	150	150
	10157+00 WB	-	10207+00 WB	LT	135	135
	10207+00 WB	-	10253+83 WB	LT	---	---
	10253+83 WB	-	10286+64 WB	LT	---	---
				TOTALS	285	285

RIPRAP SUMMARY

CATEGORY	STATION	-	STATION	LOCATION	606.0100 RIPRAP LIGHT CY	645.0130 GEOTEXTILE TYPE R SY
0010	10106+55 WB	-	10157+00 WB	LT	13	57
	10157+00 WB	-	10207+00 WB	LT	22	96
				TOTALS	35	153

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STORM SEWER SUMMARY

CATEGORY	STRUCTURE	STATION	OFFSET	INLET ELEV.	DISCHAGE ELEV. *	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER 24-INCH LF	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	611.0642 INLET COVERS TYPE MS EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	RIM ELEVATION
0010	10272.1	10272+79 WB	29.3' RT	1239.85	1239.81	1	5	1	8	2	1	1247.82
	10280.1	10280+79 WB	29.23' RT	1233.50	1233.45	1	4	1	10	2	1	1240.26
					TOTALS	2	9	2	18	4	2	

* FIELD VERIFY EXISTING PIPE CONNNECTION ELEVATION

FINISHING ITEMS AND EROSION CONTROL

CATEGORY	STATION	-	STATION	LOCATION	625.0100 TOPSOIL SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.7005 INLET PROTECTION TYPE A EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0500 SEED WATER MGAL
0010	10106+55 WB	-	10157+00 WB	LT	200	200	---	---	21	5.8	412	206
	10157+00 WB	-	10207+00 WB	LT	100	100	---	---	6	5.7	405	202
	10207+00 WB	-	10253+83 WB	LT/RT	700	700	---	---	3	5.7	406	202
	10253+83 WB	-	10286+64 WB	LT/RT	1,300	1,300	3	---	---	0.8	56	28
				SUBTOTALS	2,300	2,300	3	---	30	18.0	1,279	638
	UNDISTRIBUTED				575	575	1	50	8	4.5	320	160
				TOTALS	2,875	2,875	4	50	38	22.5	1,599	798

MOBILIZATIONS EROSION CONTROL

CATEGORY	PROJECT	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	1053-07-87	5	3

3

3

DELINEATOR & MARKER SUMMARY

CATEGORY	STATION	-	STATION	LOCATION	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS EACH	633.5350 MARKERS PERMANANT FLEXIBLE (WHITE TUBULAR) EACH
0010	10106+55 WB	-	10157+00 WB	LT	13	13	---
	10157+00 WB	-	10207+00 WB	LT	13	13	---
	10207+00 WB	-	10253+83 WB	LT	12	12	---
	10253+83 WB	-	10286+64 WB	RT	10	20	39
				TOTALS	47	57	39

TRAFFIC CONTROL SUMMARY

CATEGORY	LOCATION	DURATION (DAYS)	633.1100 DELINEATORS TEMPORARY EACH	643.0300 TRAFFIC CONTROL DRUMS EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	SPV.0045.01 CONNECTED WORK ZONE NOTIFICATION SYSTEM EACH	SPV.0045.01 CONNECTED WORK ZONE NOTIFICATION SYSTEM DAY	643.0900 TRAFFIC CONTROL SIGNS EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II CYCLES	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II QTY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH
0010	ADVANCE WARNING	214	---	---	---	---	---	---	---	---	---	---	---	---	---	6	1,284	1	2	2
	STAGE 2 SIDEROADS	160	---	20	3,200	20	3,200	---	---	24	3,840	---	---	---	---	14	2,240	1	12	12
	STAGE 1	24	---	102	2,448	4	96	---	---	8	192	32	768	2	48	34	816	1	3	3
	STAGE 2A/2B	166	35	159	26,394	48	7,968	392	392	29	4,814	96	15,936	1	166	45	7,470	1	3	3
	STAGE 3	31	---	396	12,276	28	868	---	---	56	1,736	16	496	1	31	38	1,178	1	3	3
	UNDISTRIBUTED		5		2,220		610	20	20		530		860		20		650			1
	TOTALS		40		46,538		12,742	412	412		11,112		18,060		265		13,638			24

3

PERMANENT MARKING SUMMARY

CATEGORY	STATION	- STATION	LOCATION	646.2020 MARKING LINE EPOXY 6-INCH (WHITE) LF	646.2020 MARKING LINE EPOXY 6-INCH (YELLOW) LF	646.2020 MARKING LINE EPOXY 6-INCH (WHITE SKIP) (12.5' SEG, 37.5' GAP) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW) LF	646.4020 MARKING LINE EPOXY 10-INCH (WHITE) LF	646.6120 MARKING STOP LINE EPOXY 18-INCH LF
0010	10106+55 WB	- 10157+00 WB	LT/RT	9,830	9,850	2,520	---	---	399	53
	10157+00 WB	- 10207+00 WB	LT/RT	9,730	9,740	2,500	174	268	690	63
	10207+00 WB	- 10253+83 WB	LT/RT	9,370	9,370	2,340	---	---	---	---
	10253+83 WB	- 10286+64 WB	LT/RT	1,900	2,710	500	---	---	---	18
			SUBTOTALS	30,830	31,670	7,860	174	268	1,089	135
			ITEM TOTALS		70,360			442	1,089	135

PIPE UNDERDRAIN ITEMS

CATEGORY	LOCATION	646.5520 MARKING OUTFALL EPOXY EACH	SPV.0060.02 LOCATE AND CLEAN EXISTING UNDERDRAIN OUTFALLS EACH
0010	UNDISTRIBUTED	132	132

MARKING REMOVAL LINE WATER BLASTING

CATEGORY	STAGE	STATION	-	STATION	646.9010 4-INCH LF	646.9210 WIDE LF	REMARKS
0010	2A	10132+65 WB	-	13132+85 WB	---	20	LUMBER FALLS ROAD STOP BAR
	2A	10266+16 WB	-	10273+96 WB	780	---	EB INSIDE YELLOW REMOVAL
	2A	10278+59 WB	-	10286+64 WB	805	---	WB INSIDE YELLOW REMOVAL
	2A	10294+64 WB	-	10302+44 WB	200	---	WB CENTER SKIP REMOVALS
				TOTALS	1,785	20	

TRAFFIC CONTROL PAVEMENT MARKING

CATEGORY	STAGE	STATION	-	STATION	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE) LF	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING IINE REMOVABLE TAPE 6-INCH (WHITE) SOLID LF	643.3180 TEMPORARY MARKING IINE REMOVABLE TAPE 6-INCH (YELLOW) SOLID LF	643.3850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE) LF
0010	2A	10106+55 WB	-	10157+00 WB	5,050	10,100	---	---	24
		10157+00 WB	-	10207+00 WB	5,000	10,000	---	---	24
		10207+00 WB	-	10253+83 WB	4,080	8,160	605	1,210	---
		10253+83 WB	-	10286+64 WB	---	---	3,280	5,650	24
				SUBTOTALS	14,130	28,260	3,885	6,860	72
				ITEM TOTALS	42,390		10,745		72

3

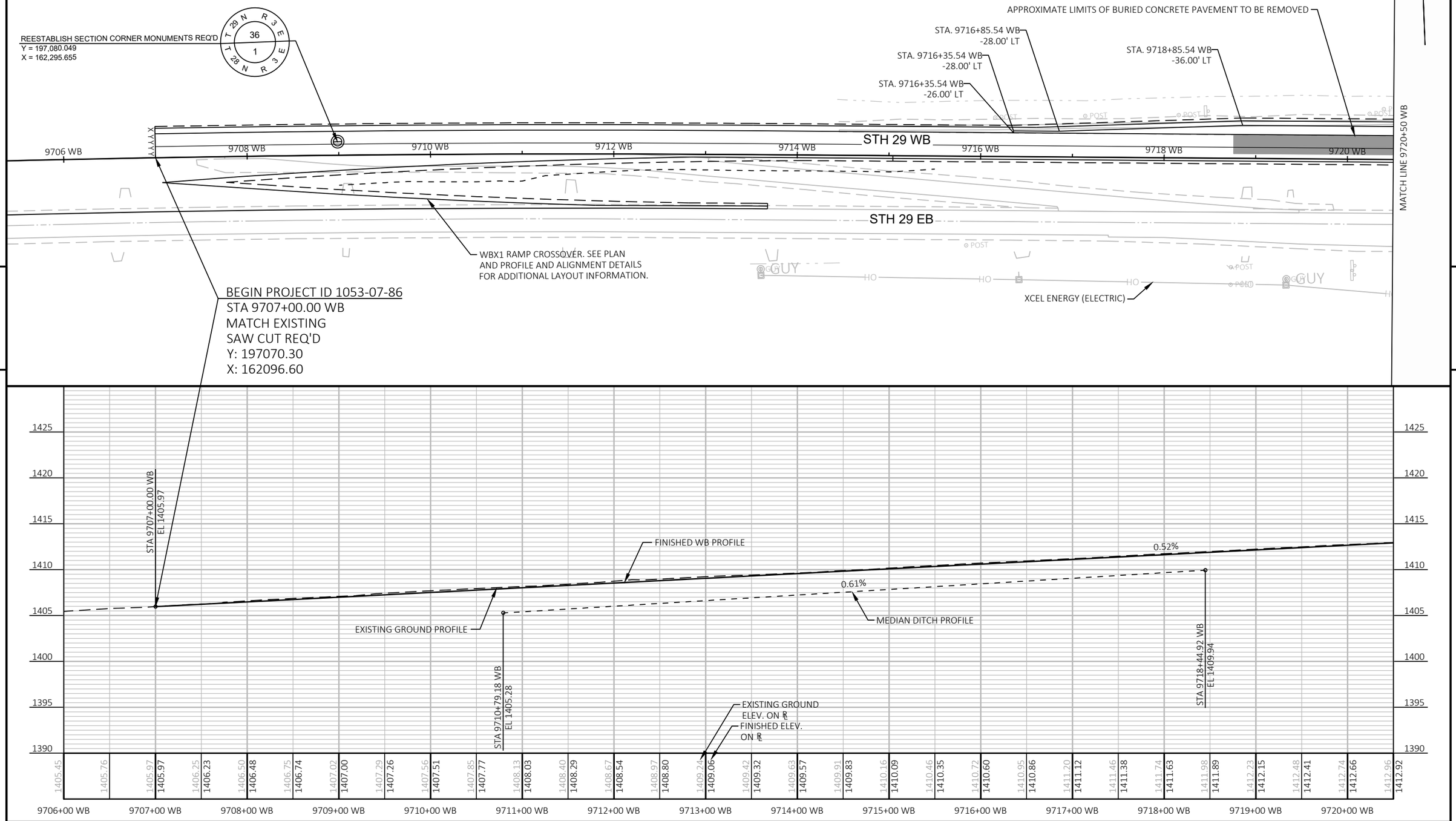
CONSTRUCTION STAKING SUMMARY

CATEGORY	STATION	-	STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.7000 CONCRETE PAVEMENT LF	650.9920 SLOPE STAKES LF
0010	10106+55 WB	-	10157+00 WB	RT	---	956	5,045	---
	10157+00 WB	-	10207+00 WB	RT	---	1,250	5,000	---
	10207+00 WB	-	10253+83 WB	RT	300	50	4,933	350
	10253+83 WB	-	10286+64 WB	RT	---	2,073	---	2,073
				TOTALS	300	4,329	14,978	2,423

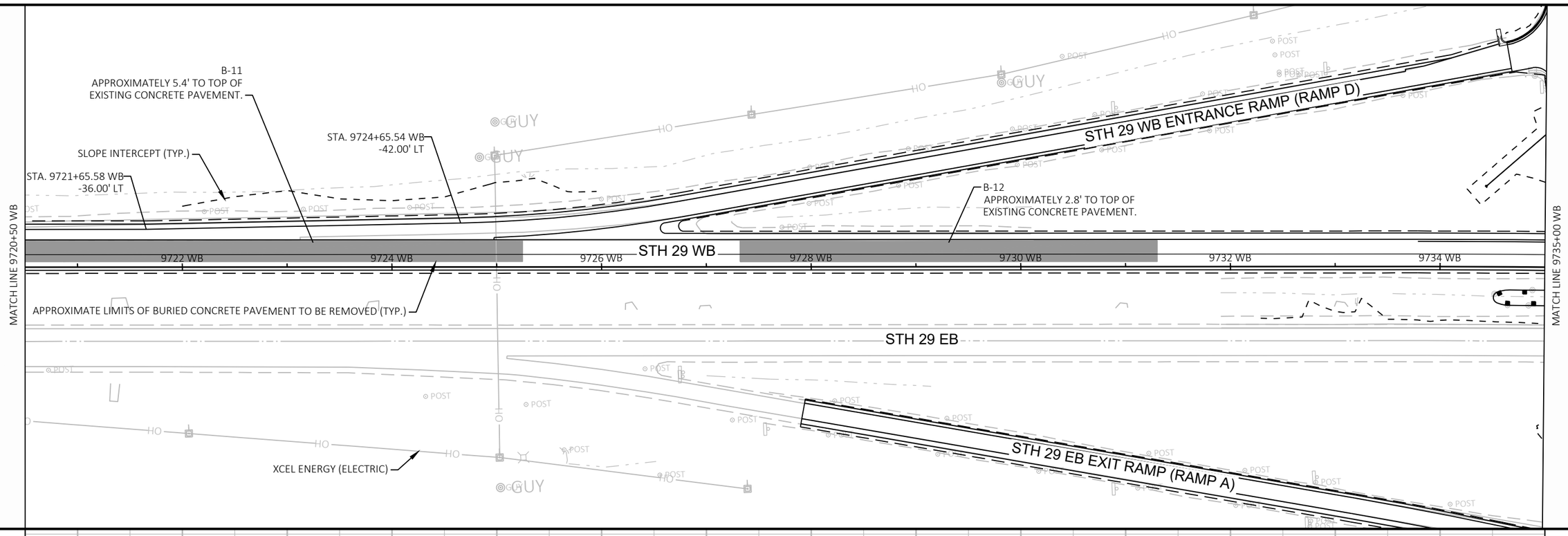
SAWING SUMMARY

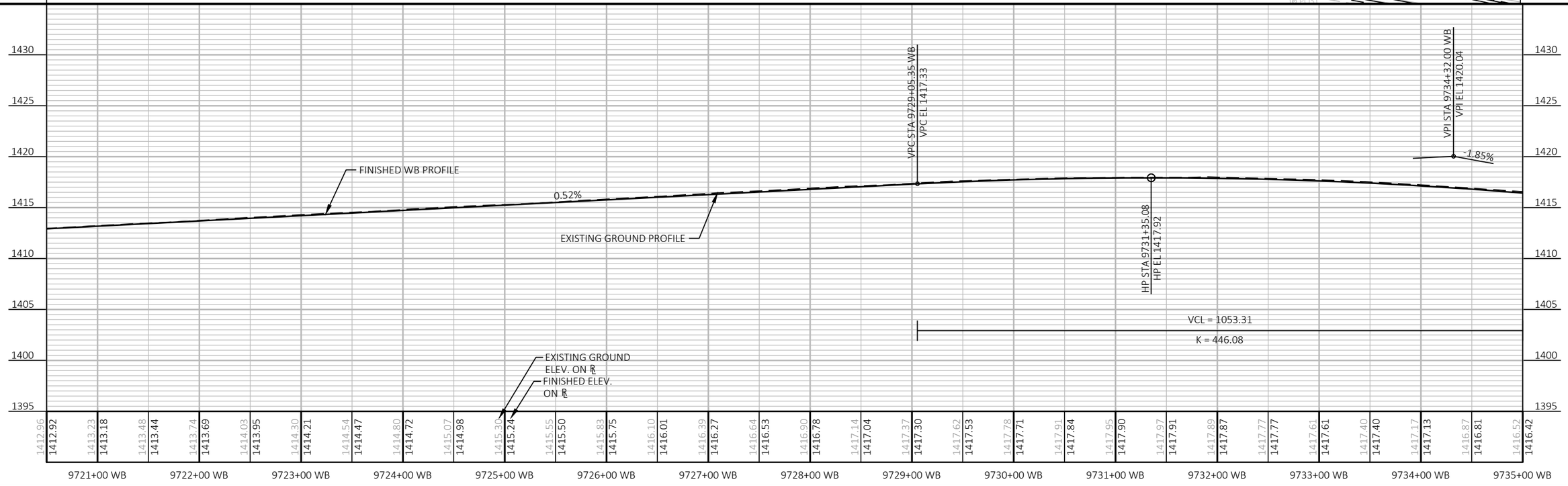
CATEGORY	STATION	-	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
0010	10106+55 WB	-	10157+00 WB	LT/RT	329	86
	10106+55 WB	-	10207+00 WB	LT/RT	240	90
	10106+55 WB	-	10253+83 WB	LT/RT	141	156
	10106+55 WB	-	10286+64 WB	RT	3,690	0
				TOTALS	4,400	332

BENCH MARKS						
NO.	STATION	OFFSET	X	Y	ELEV.	DESCRIPTION
HMOD 1	---	---	153597.70	191768.20	1397.34	MON DK5270, FRANKFORT C HMOD



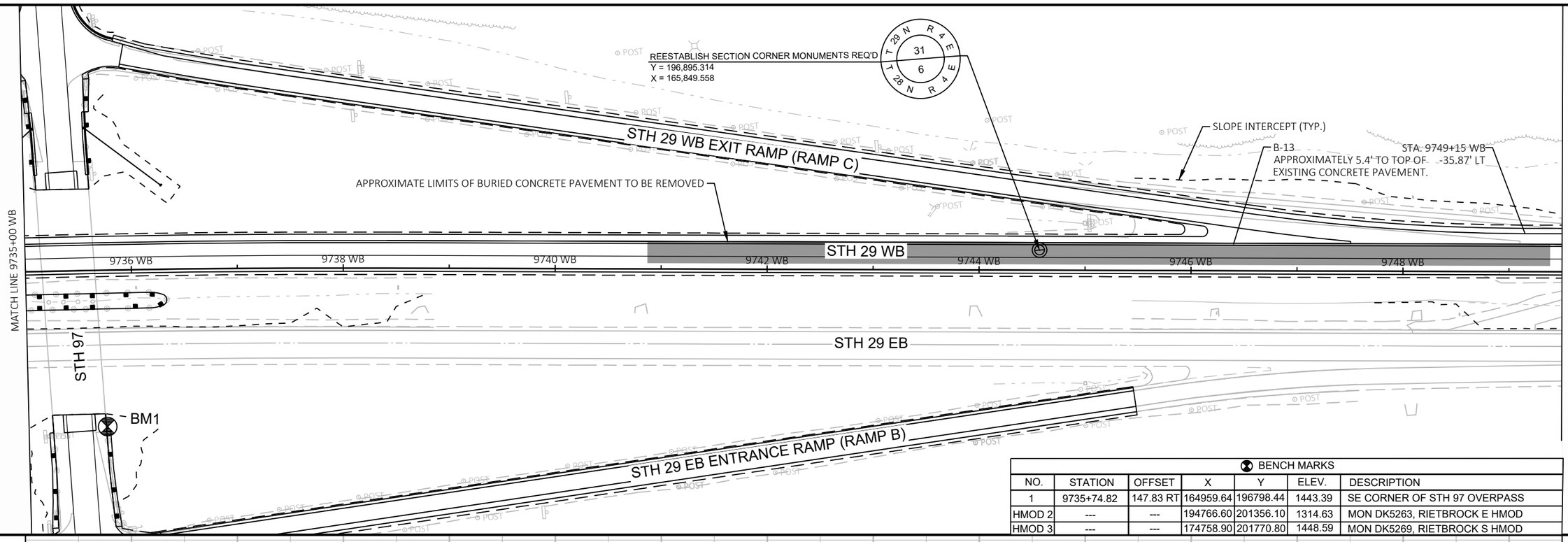
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 192 E





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 193	E

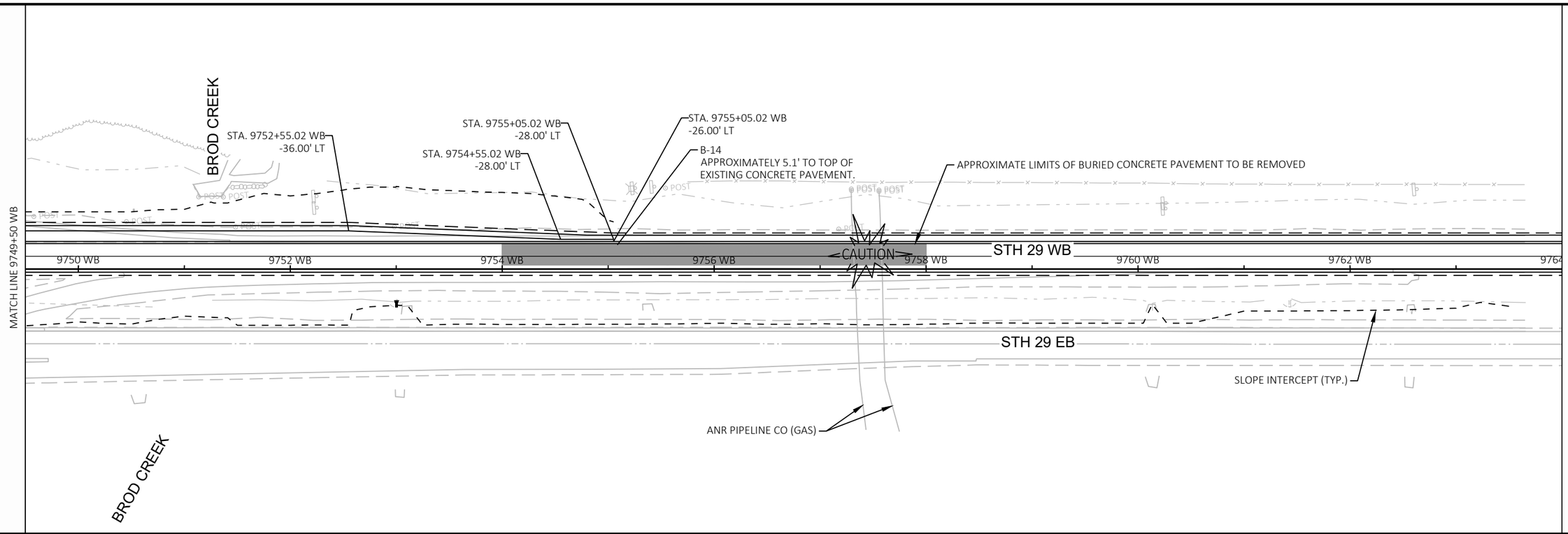
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050102-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

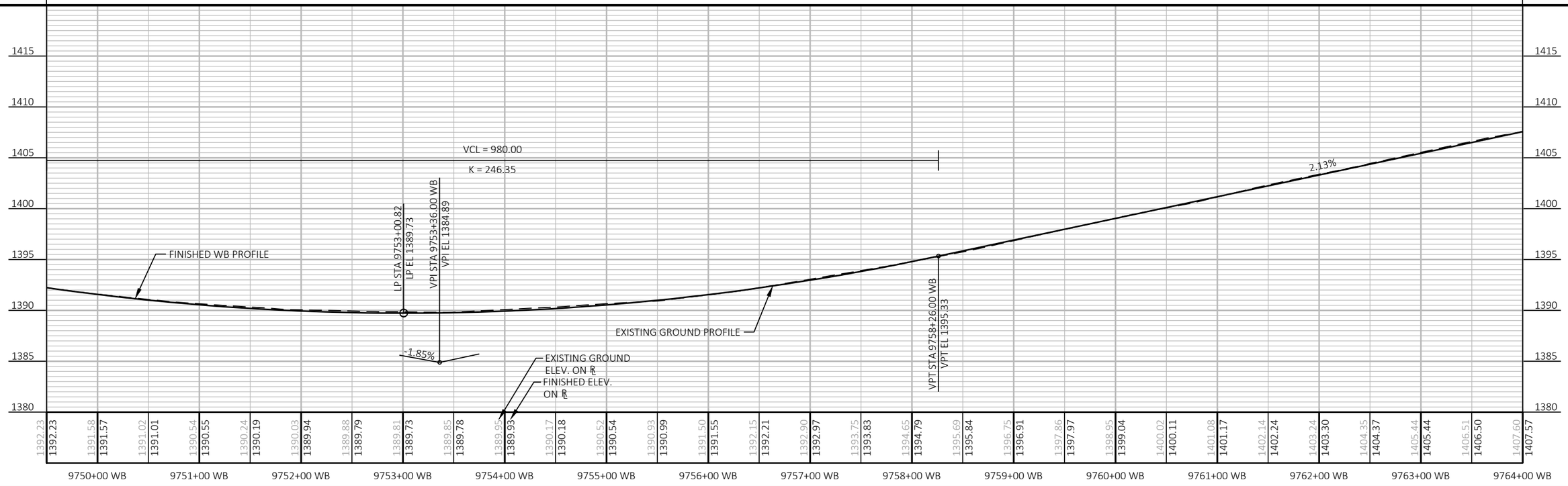


BENCH MARKS						
NO.	STATION	OFFSET	X	Y	ELEV.	DESCRIPTION
1	9735+74.82	147.83 RT	164959.64	196798.44	1443.39	SE CORNER OF STH 97 OVERPASS
HMOD 2	---	---	194766.60	201356.10	1314.63	MON DK5263, RIETBROCK E HMOD
HMOD 3	---	---	174758.90	201770.80	1448.59	MON DK5269, RIETBROCK S HMOD

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 194	E

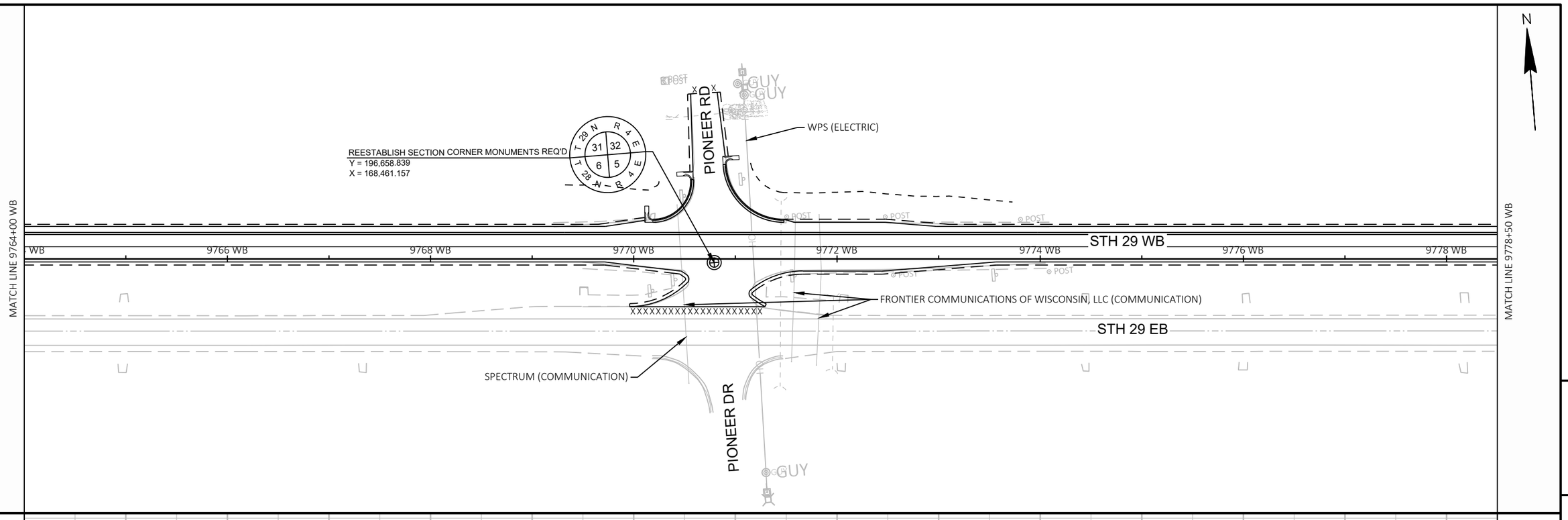
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050103-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 195 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050104-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



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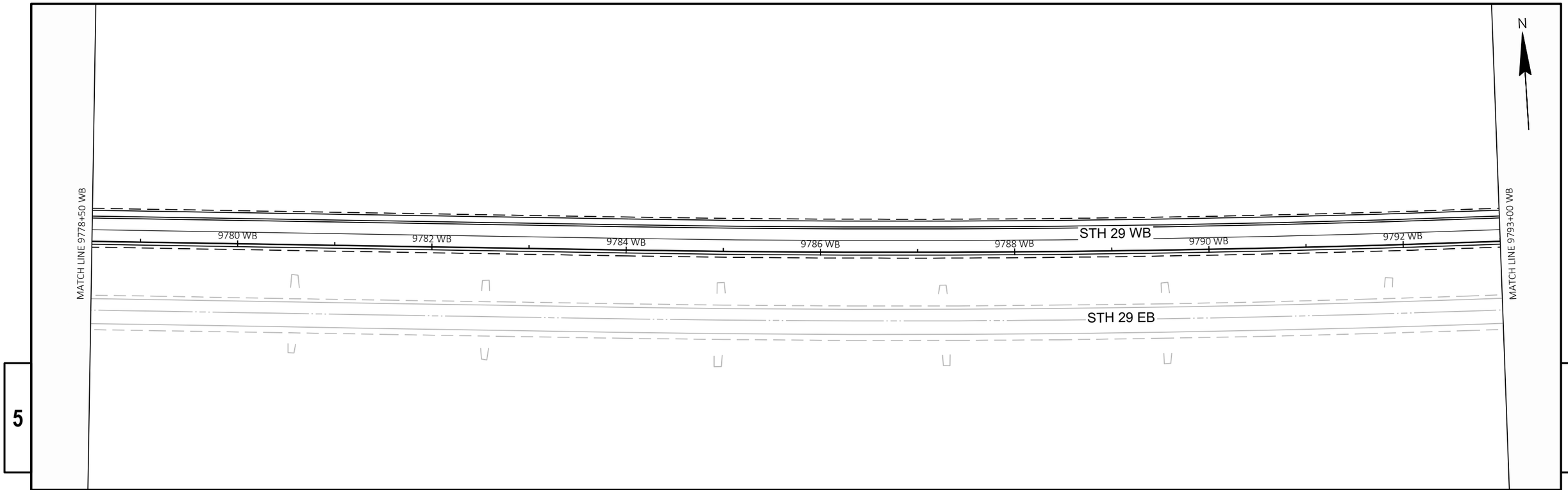
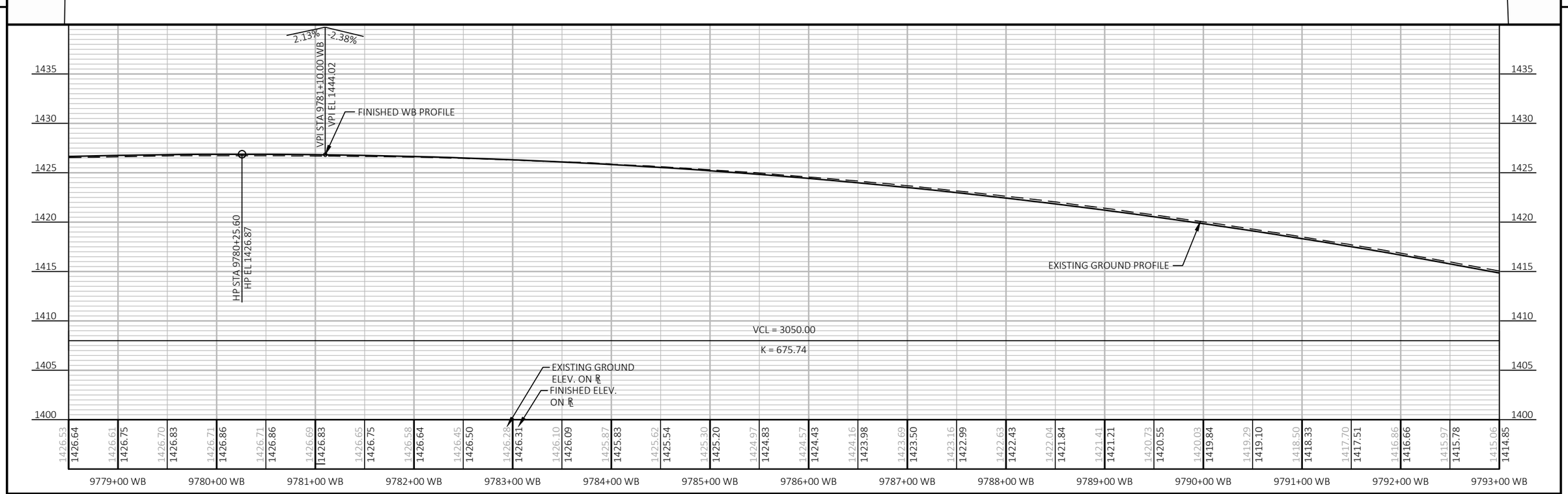
5

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 196	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050105-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 197 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050106-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

APPROXIMATE LIMITS OF BURIED CONCRETE PAVEMENT TO BE REMOVED (TYP.)

REESTABLISH SECTION CORNER MONUMENTS REQ'D
Y = 196,499.509
X = 171,101.925

T 29 N R 4 E
32
5
T 28 N R 4 E

B-15
APPROXIMATELY 4.9' TO TOP OF EXISTING CONCRETE PAVEMENT.

CONSTRUCT P.E. (AGG)
STA. 9803+23 WB LT

FENWOOD CREEK

N

MATCH LINE 9793+00 WB

MATCH LINE 9807+50 WB

STH 29 WB

9794 WB | 9796 WB | 9798 WB | 9800 WB | 9802 WB | 9804 WB | 9806 WB

FRONTIER COMMUNICATIONS OF WISCONSIN, LLC (COMMUNICATION)

WPS (ELECTRIC)

XXXXXXXXXXX

STH 29 EB

5

5

1420
1415
1410
1405
1400
1395
1390
1385

FINISHED WB PROFILE

VPT STA 9796+35.00 WB
VPT EL 1407.70

-2.38%

EXISTING GROUND PROFILE

VCL = 3050.00
K = 675.74

VCL = 1100.00
K = 234.87

VPC STA 9800+24.00 WB
VPC EL 1398.44

EXISTING GROUND ELEV. ON ℄
FINISHED ELEV. ON ℄

VPI STA 9805+74.00 WB
VPI EL 1385.34

LP STA 9805+83.40
LP EL 1391.78

2.30%

1415.06	1414.07	1413.00	1411.96	1410.85	1409.71	1408.52	1407.33	1406.13	1404.90	1403.71	1402.48	1401.30	1400.10	1398.91	1397.75	1396.70	1395.76	1394.90	1394.19	1393.49	1393.00	1392.55	1392.21	1392.00	1391.82	1391.77	1391.85	1392.04	1392.36
1414.85	1413.89	1412.89	1411.86	1410.78	1409.67	1408.53	1407.35	1406.15	1404.96	1403.77	1402.58	1401.39	1400.20	1399.01	1397.83	1396.75	1395.78	1394.91	1394.14	1393.49	1392.94	1392.49	1392.16	1391.92	1391.80	1391.78	1391.87	1392.07	1392.37

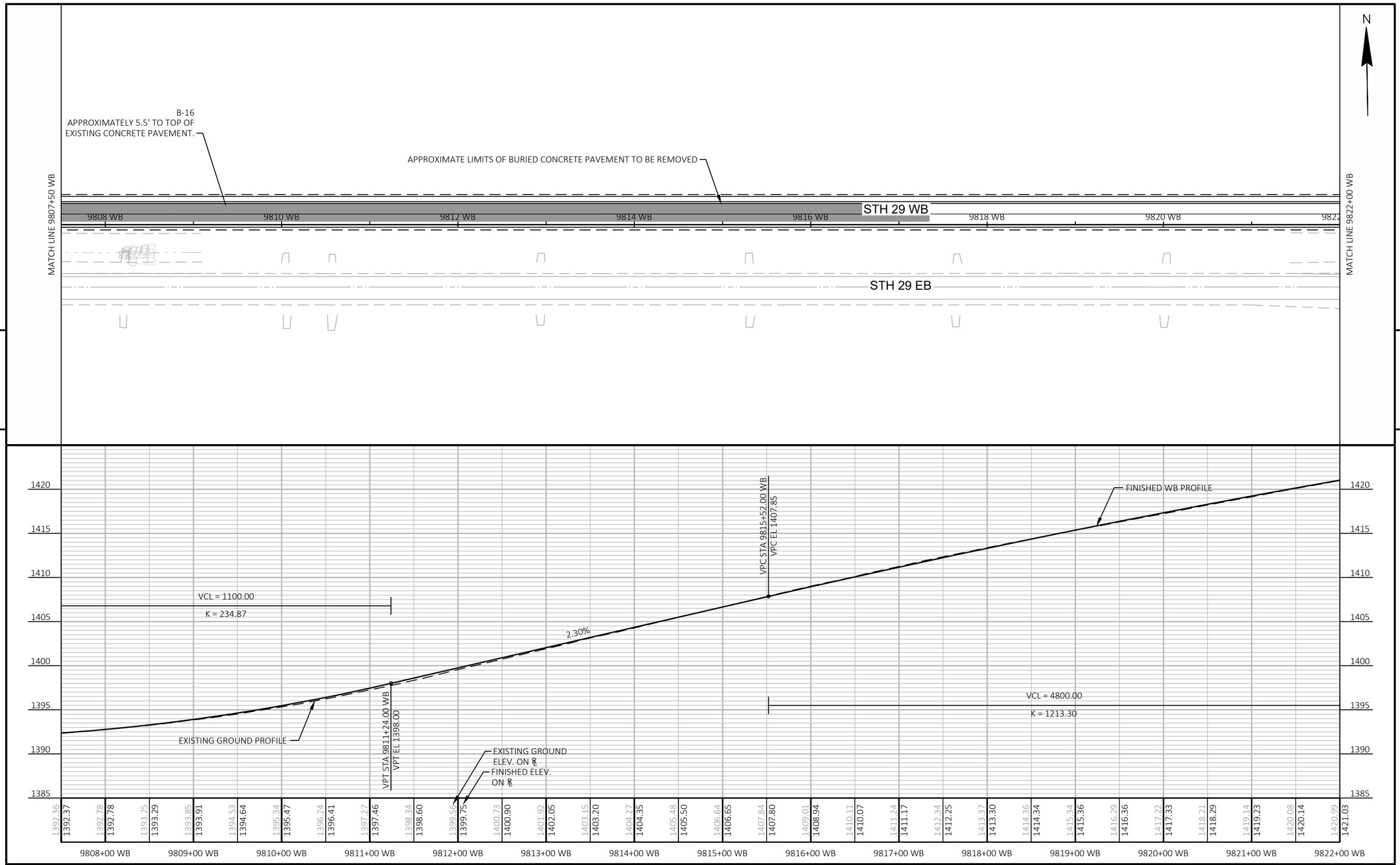
9793+00 WB | 9794+00 WB | 9795+00 WB | 9796+00 WB | 9797+00 WB | 9798+00 WB | 9799+00 WB | 9800+00 WB | 9801+00 WB | 9802+00 WB | 9803+00 WB | 9804+00 WB | 9805+00 WB | 9806+00 WB | 9807+00 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 198 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050107-pp

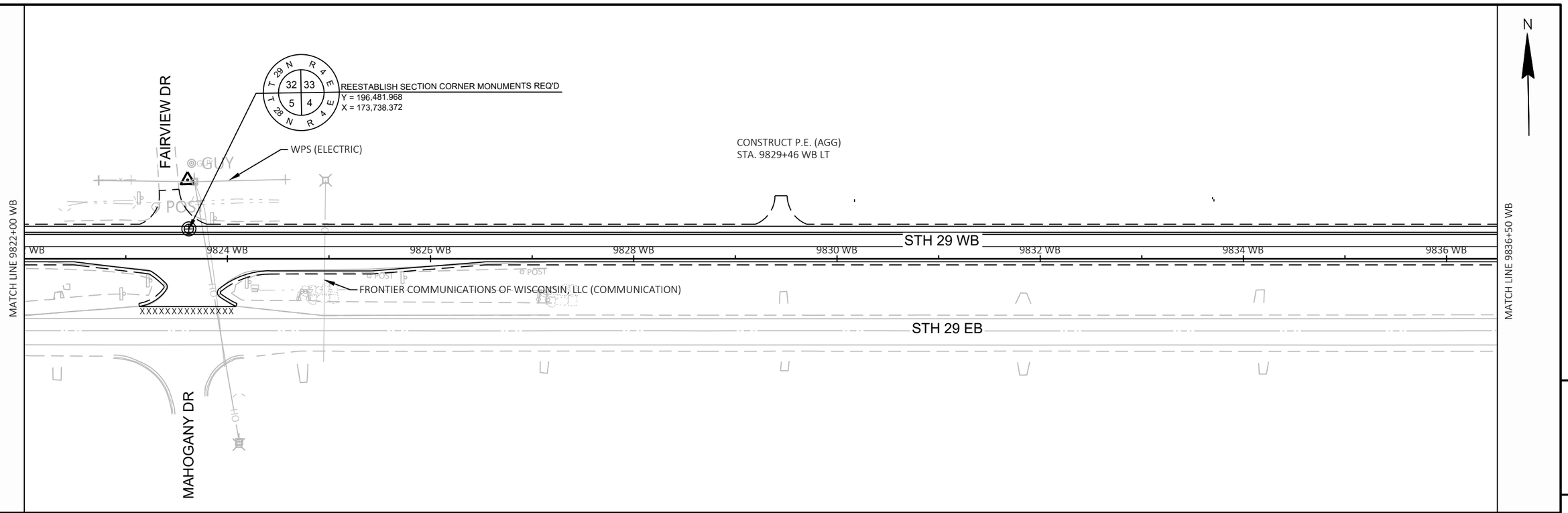
PLOT DATE : 6/26/2025 12:32 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

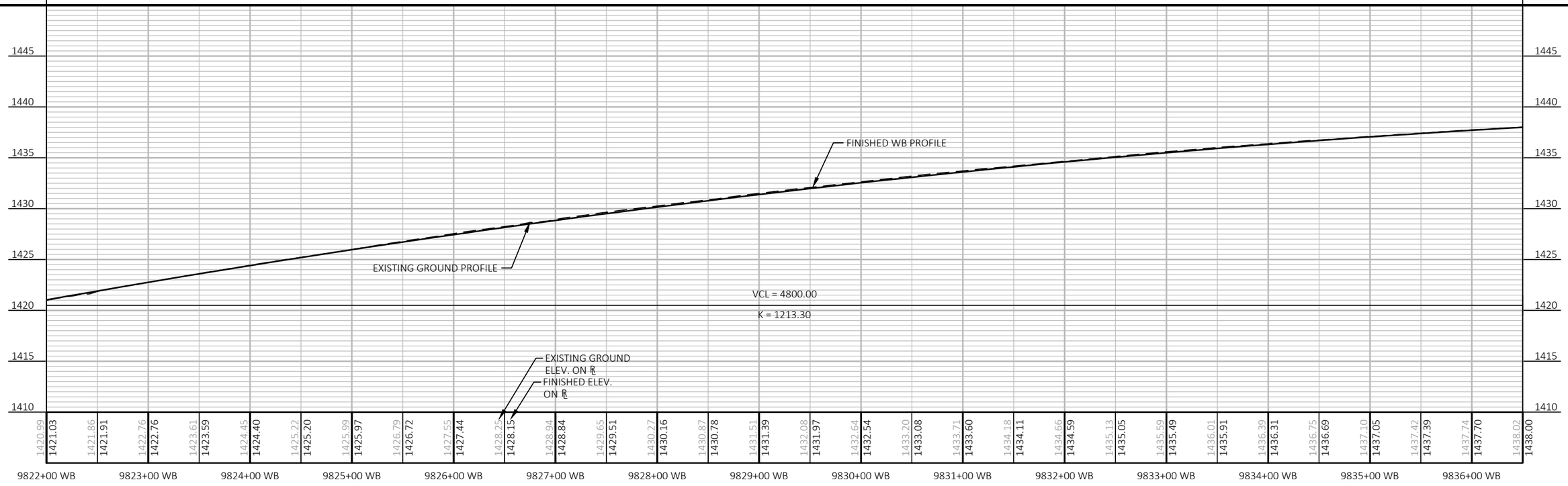
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 199	E

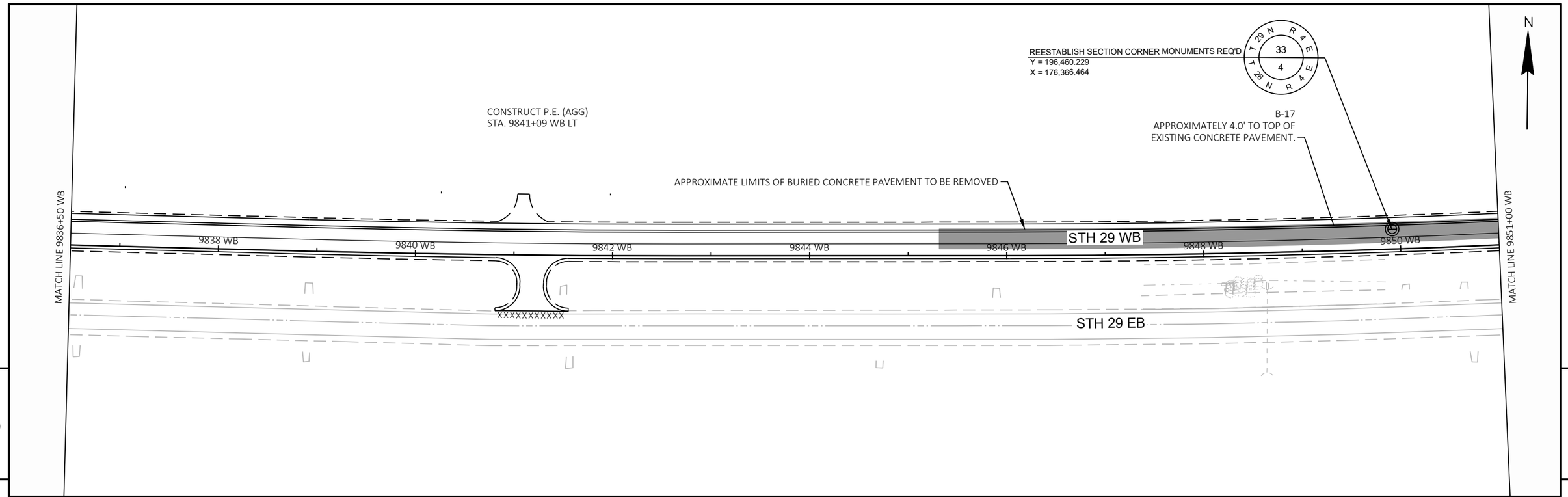
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050108-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

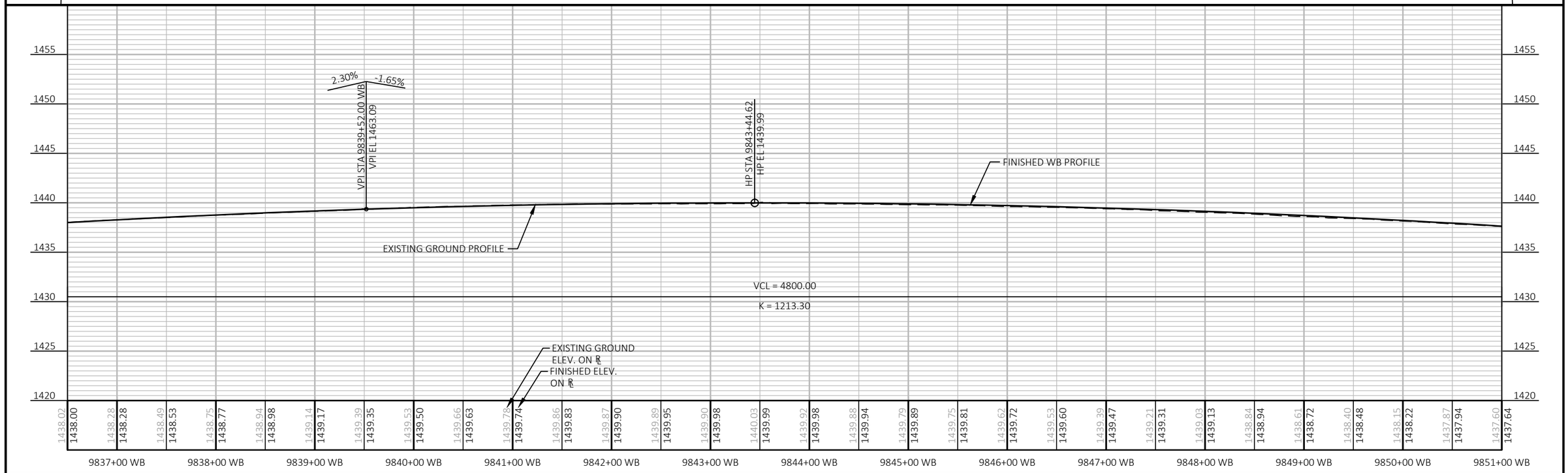




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 200 E

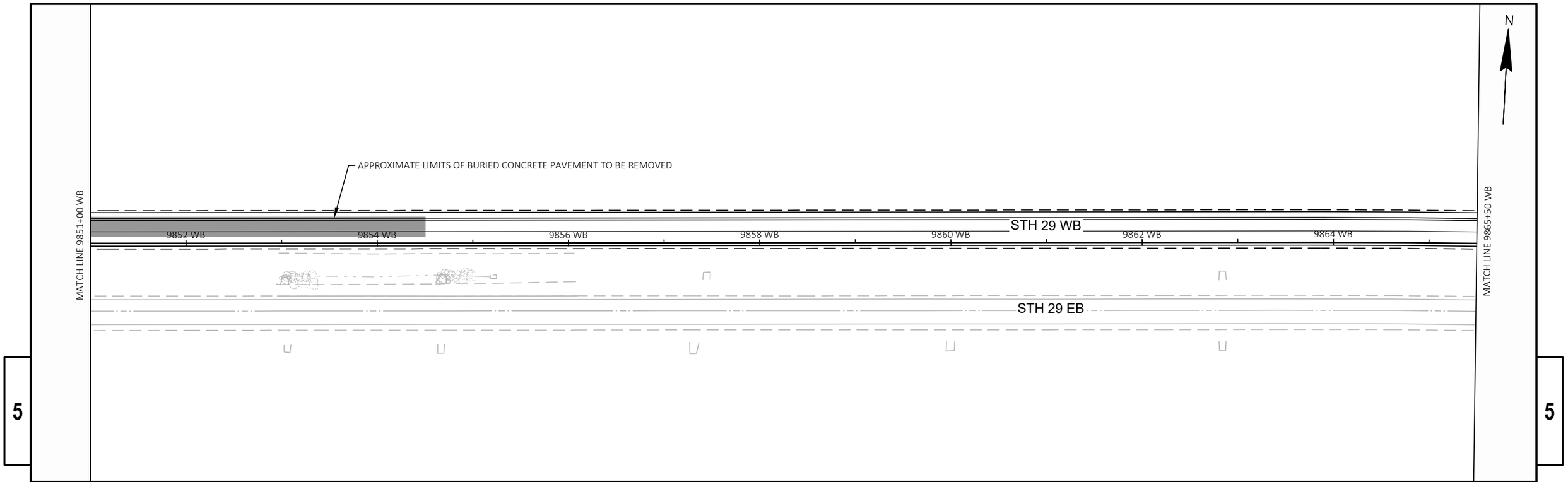
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050109-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

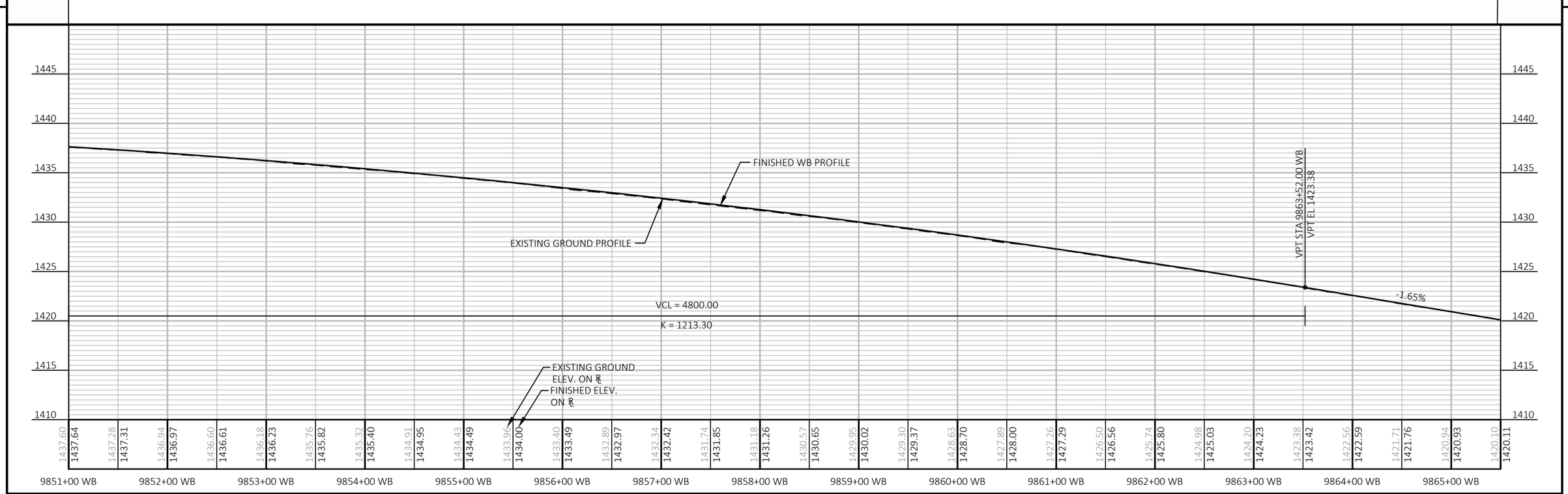




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 201	E

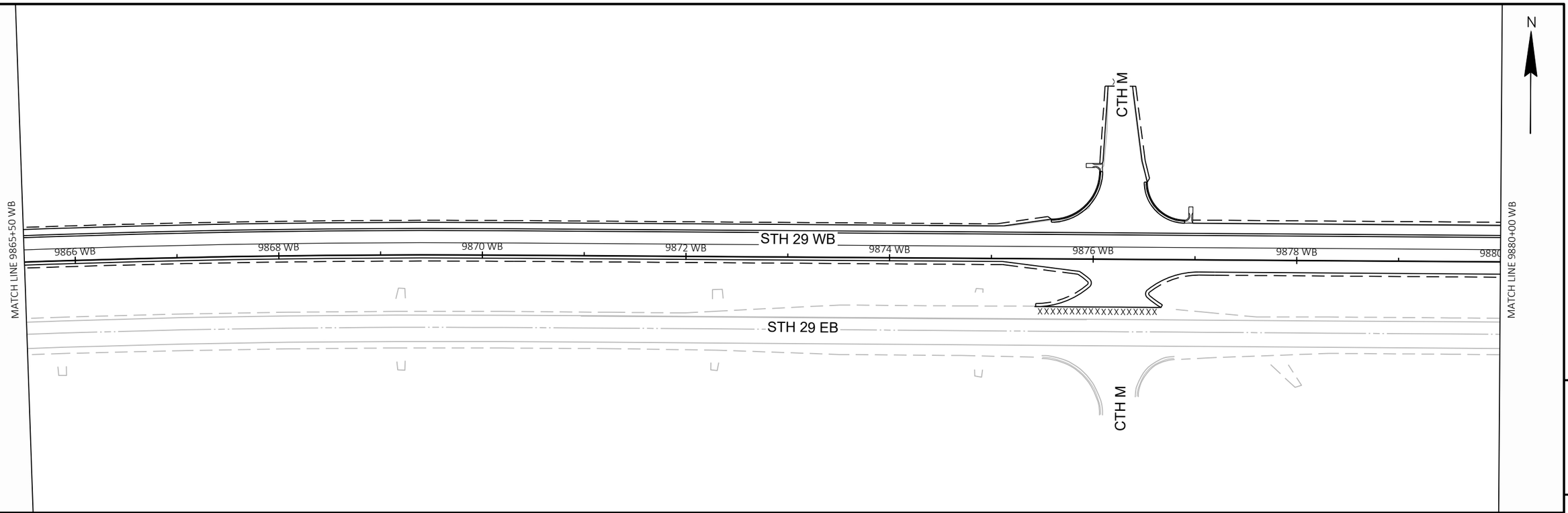
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050110-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

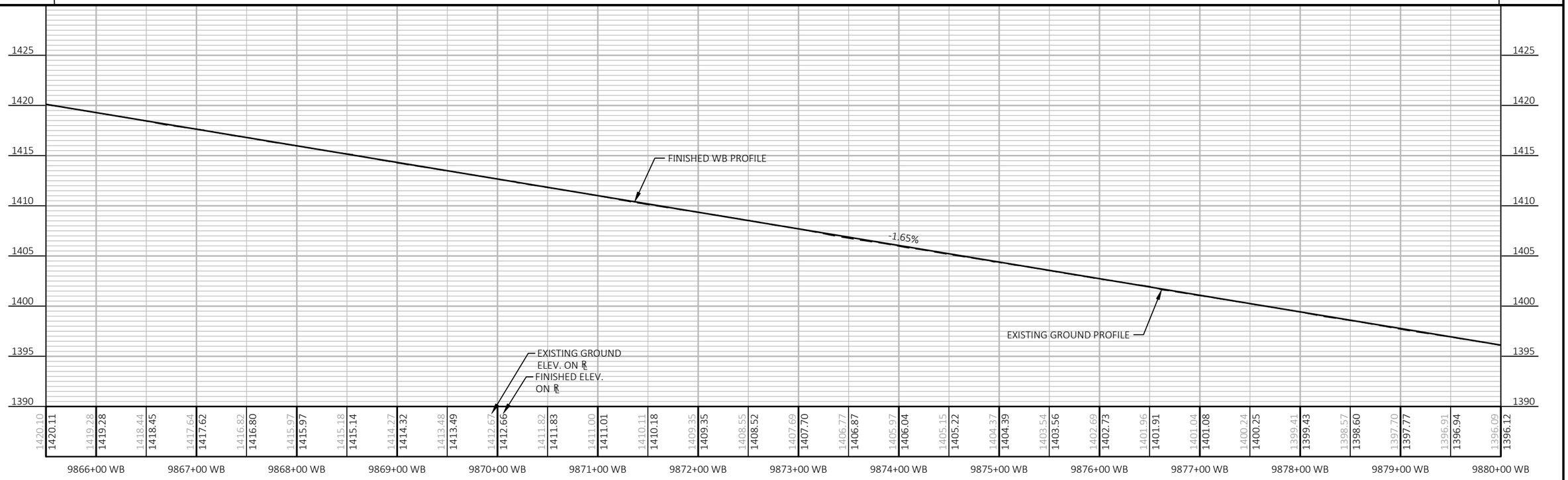




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 202	E

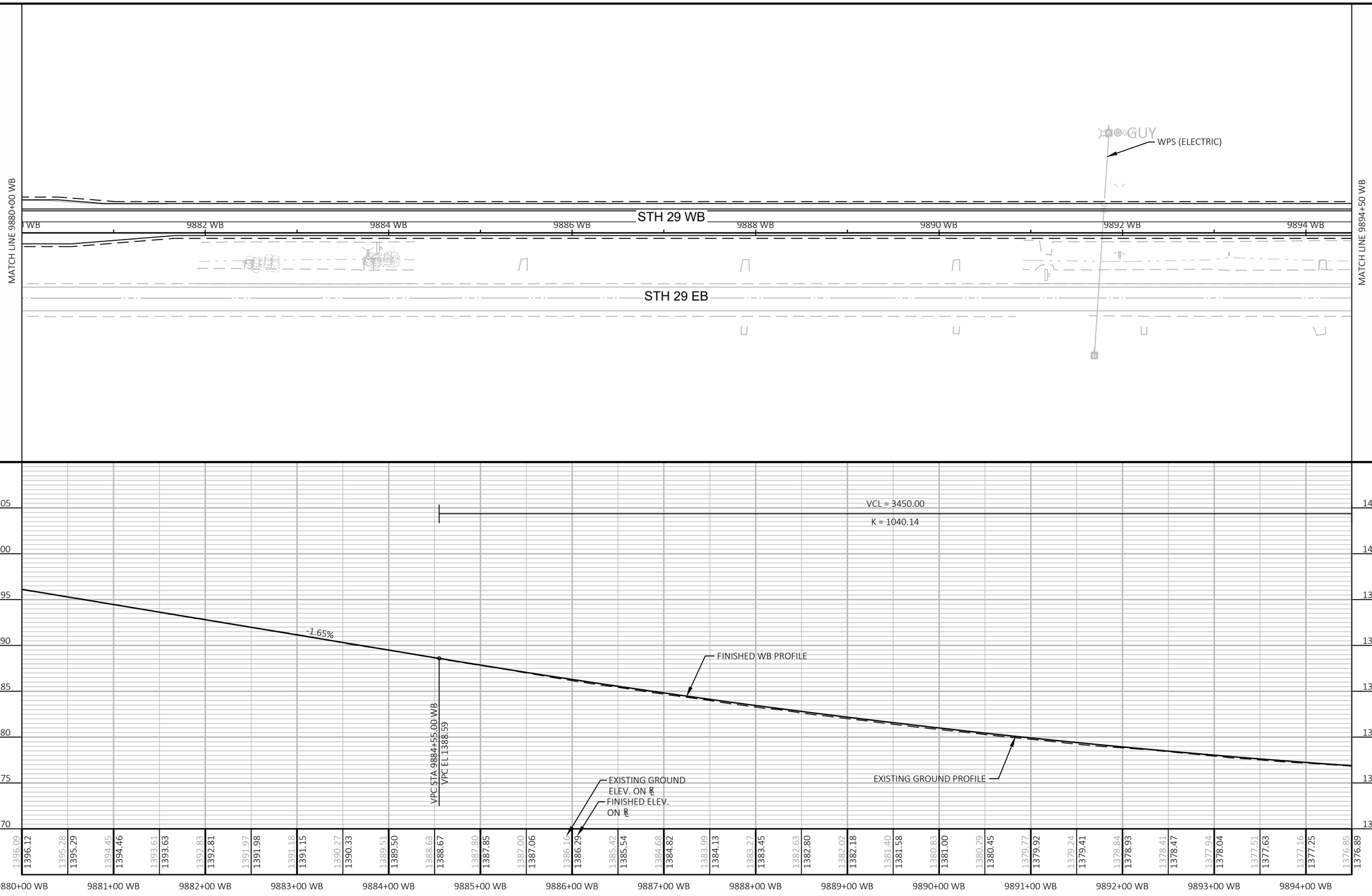
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050111-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





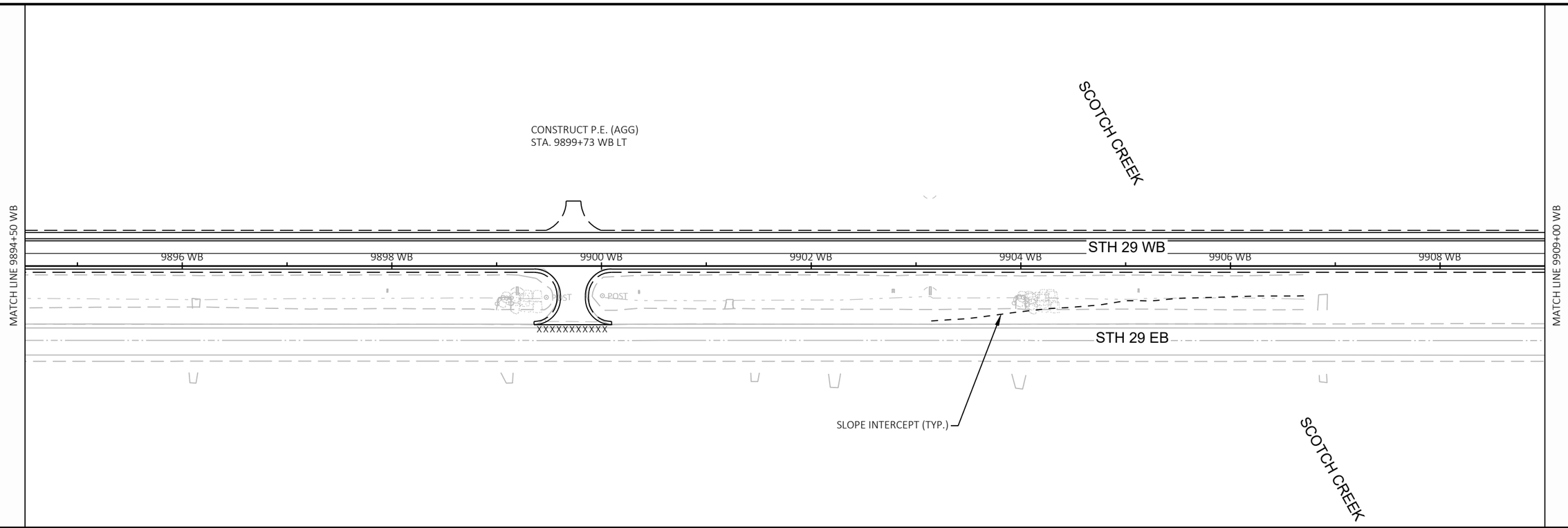
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 203 E

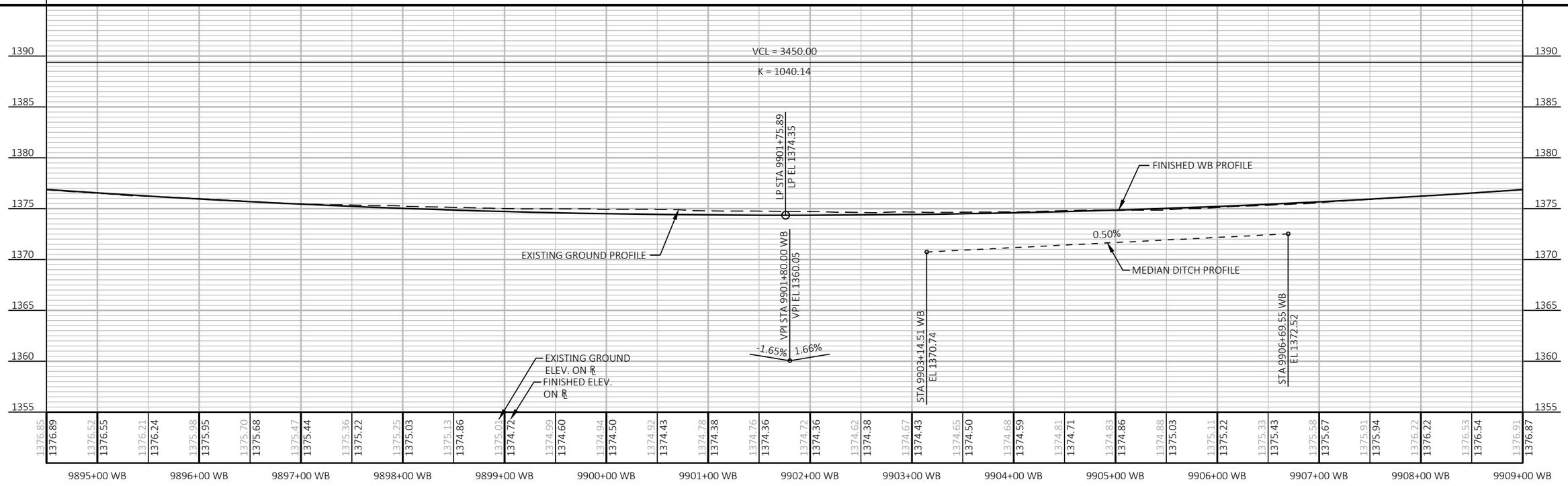
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050112-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 204 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050113-pp
PLOT DATE : 6/26/2025 12:32 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 205 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050114-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

N

CONSTRUCT P.E. (AGG)
STA. 9910+33 WB LT

CONSTRUCT F.E. (AGG)
STA. 9922+09 WB LT

MATCH LINE 9909+00 WB

MATCH LINE 9923+50 WB

9910 WB 9912 WB 9914 WB 9916 WB 9918 WB 9920 WB 9922 WB

STH 29 WB

STH 29 EB

5

5

1405 1400 1395 1390 1385 1380 1375 1370

VCL = 3450.00

K = 1040.14

VPC STA 9919+89.50 WB
VPC EL 1390.13

FINISHED WB PROFILE

1.66%

EXISTING GROUND PROFILE

VPT STA 9919+05.00 WB
VPT EL 1388.72

VCL = 2165.00

K = 508.39

EXISTING GROUND ELEV. ON ℄

FINISHED ELEV. ON ℄

1376.91 1376.87 1377.29 1377.23 1377.69 1377.62 1378.08 1378.03 1378.54 1378.46 1379.08 1378.91 1379.62 1379.39 1380.11 1379.90 1380.62 1380.43 1381.12 1380.98 1381.65 1381.56 1382.18 1382.16 1382.66 1382.78 1383.26 1383.43 1383.88 1384.10 1384.54 1384.80 1385.31 1385.52 1386.10 1386.26 1386.94 1387.03 1387.80 1387.82 1388.69 1388.64 1389.57 1389.47 1390.34 1390.30 1391.13 1391.10 1391.88 1391.85 1392.59 1392.54 1393.22 1393.19 1393.83 1393.79 1394.35 1394.34 1394.86 1394.84

9909+00 WB 9910+00 WB 9911+00 WB 9912+00 WB 9913+00 WB 9914+00 WB 9915+00 WB 9916+00 WB 9917+00 WB 9918+00 WB 9919+00 WB 9920+00 WB 9921+00 WB 9922+00 WB 9923+00 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 206	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050115-pp

PLOT DATE : 6/26/2025 12:32 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

N

MATCH LINE 9923+50 WB

MATCH LINE 9938+00 WB

WPS (ELECTRIC)

HO

HO

FRONTIER COMMUNICATIONS OF WISCONSIN, LLC (COMMUNICATION)

9924 WB | 9926 WB | 9928 WB | 9930 WB | 9932 WB | 9934 WB | 9936 WB | 9938

STH 29 WB

POST

XXXXXXXXXXXXXXXXXXXX

STH 29 EB

HILLDALE DR

HO

GUY

5

5

1410
1405
1400
1395
1390
1385
1380
1375

1.66% -2.60%

HP STA 9928+34.65
HP EL 1397.15

VPI STA 9930+72.00 WB
VPI EL 1408.12

VCL = 2165.00

K = 508.39

EXISTING GROUND ELEV. ON ℄

FINISHED ELEV. ON ℄

FINISHED WB PROFILE

EXISTING GROUND PROFILE

| | | |

N

MATCH LINE 9938+00 WB

MATCH LINE 9952+50 WB

5

5

STH 29 WB

STH 29 EB

9940 WB 9942 WB 9944 WB 9946 WB 9948 WB 9950 WB 9952 WB

1390
1385
1380
1375
1370
1365
1360
1355

VPT STA 9941+54.50 WB
VPT EL 1380.02

-2.60%

FINISHED WB PROFILE

VCL = 1100.00

K = 388.53

VPC STA 9944+92.00 WB
VPC EL 1371.26

VPI STA 9950+42.00 WB
VPI EL 1356.98

VCL = 2165.00

K = 508.39

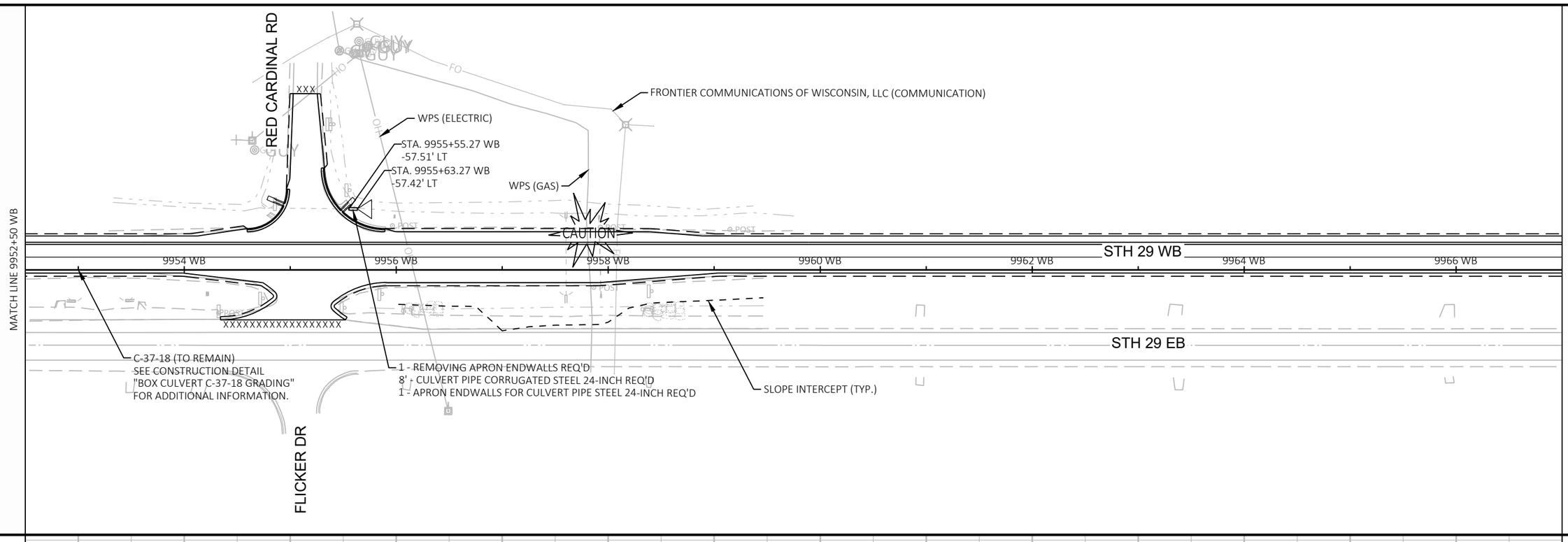
EXISTING GROUND ELEV. ON ℄

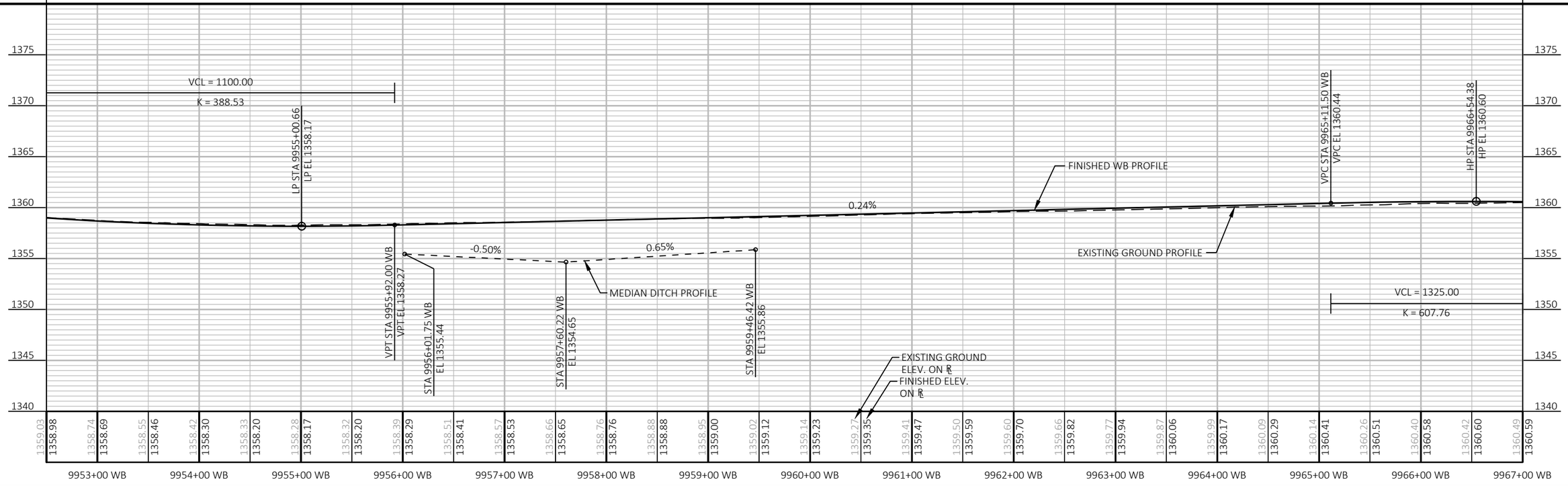
FINISHED ELEV. ON ℄

EXISTING GROUND PROFILE

0.24%

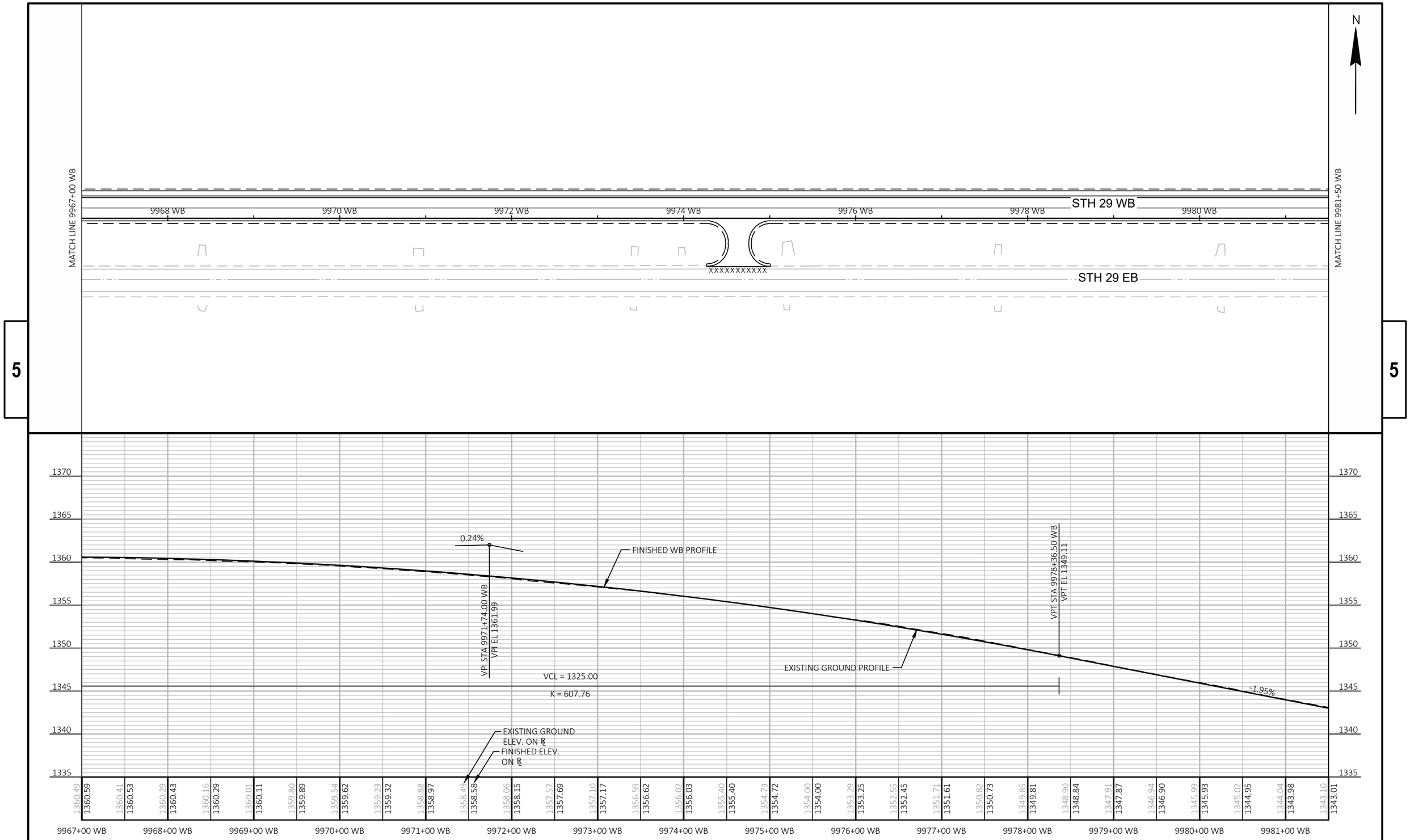
| | | |





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 209	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050118-pp
PLOT DATE : 6/30/2025 9:47 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 210 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050119-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

N

MATCH LINE 9981+50 WB

MATCH LINE 9996+00 WB

STH 29 WB

9982 WB | 9984 WB | 9986 WB | 9988 WB | 9990 WB | 9992 WB | 9994 WB | 9996

STH 29 EB

5

5

1345
1340
1335
1330
1325
1320
1315
1310

-1.95%

-1.44%

VCL = 210.00

K = 416.72

FINISHED WB PROFILE

EXISTING GROUND PROFILE

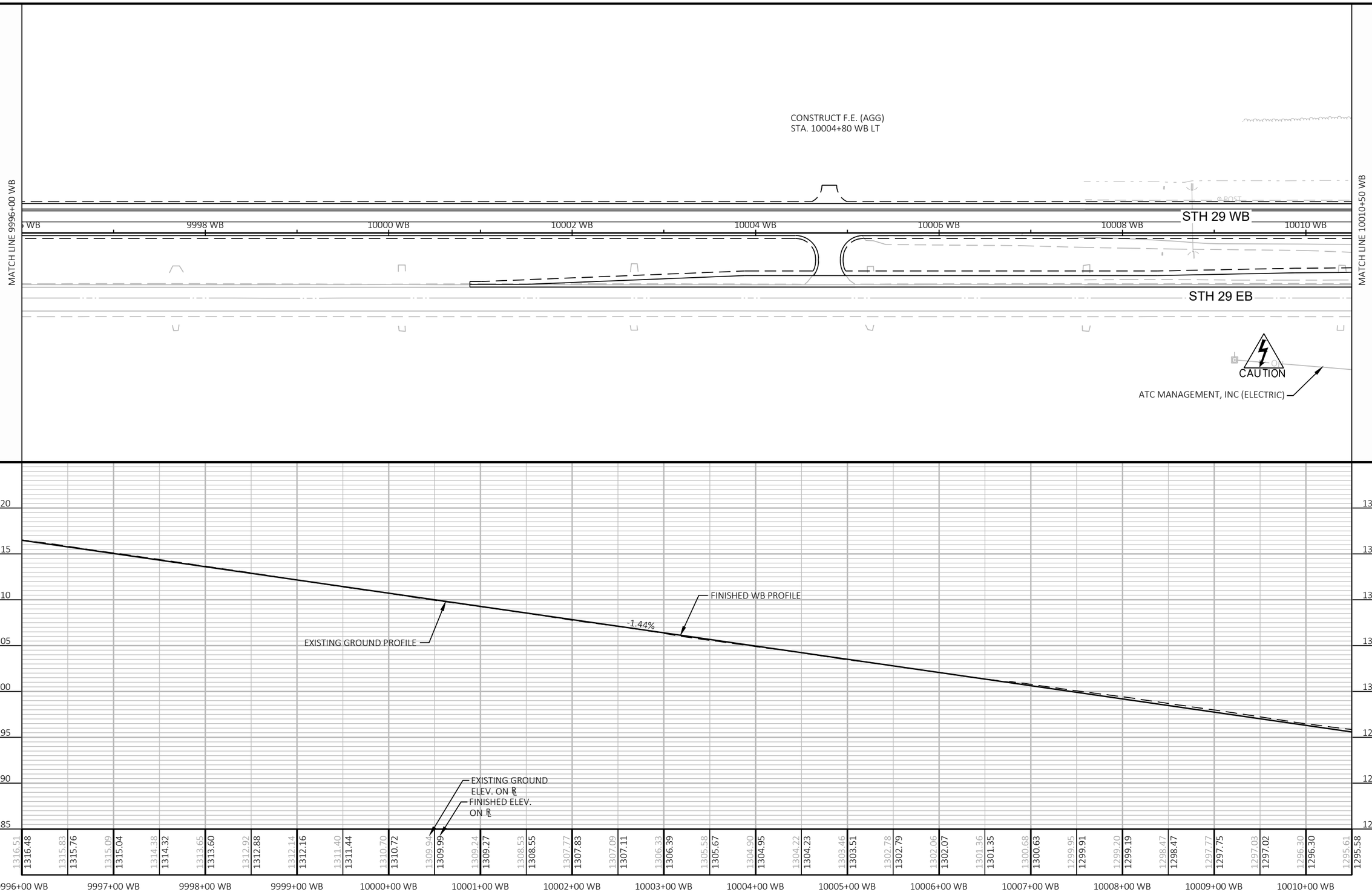
VPI STA 9992+68.00 WB
VPI EL 1321.26

VPT STA 9993+73.00 WB
VPT EL 1319.75

VPC STA 9991+63.00 WB
VPC EL 1323.31

EXISTING GROUND ELEV. ON ℄
FINISHED ELEV. ON ℄

| | | |



5

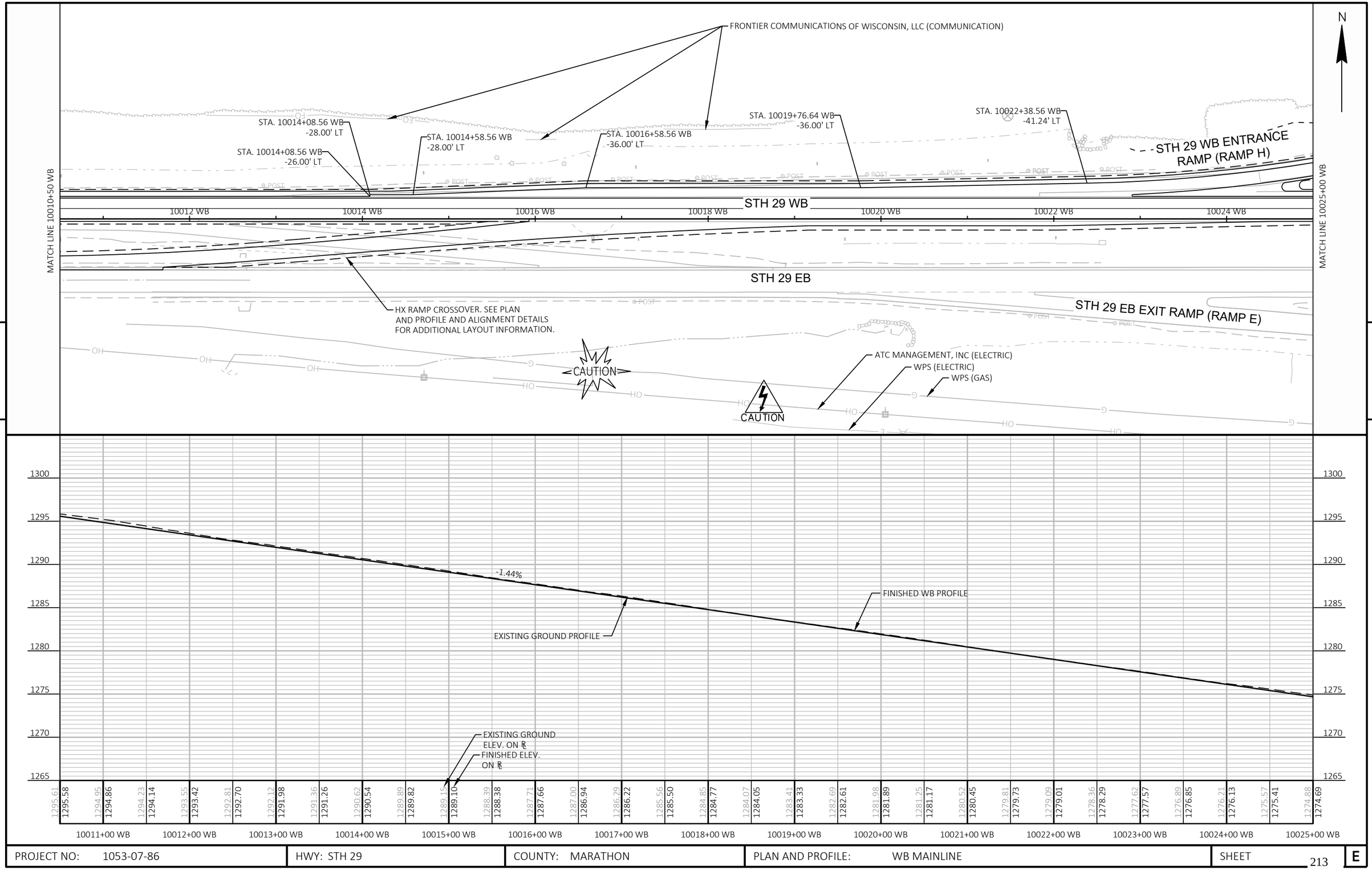
5

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 212	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050121-pp

PLOT DATE : 6/26/2025 12:32 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

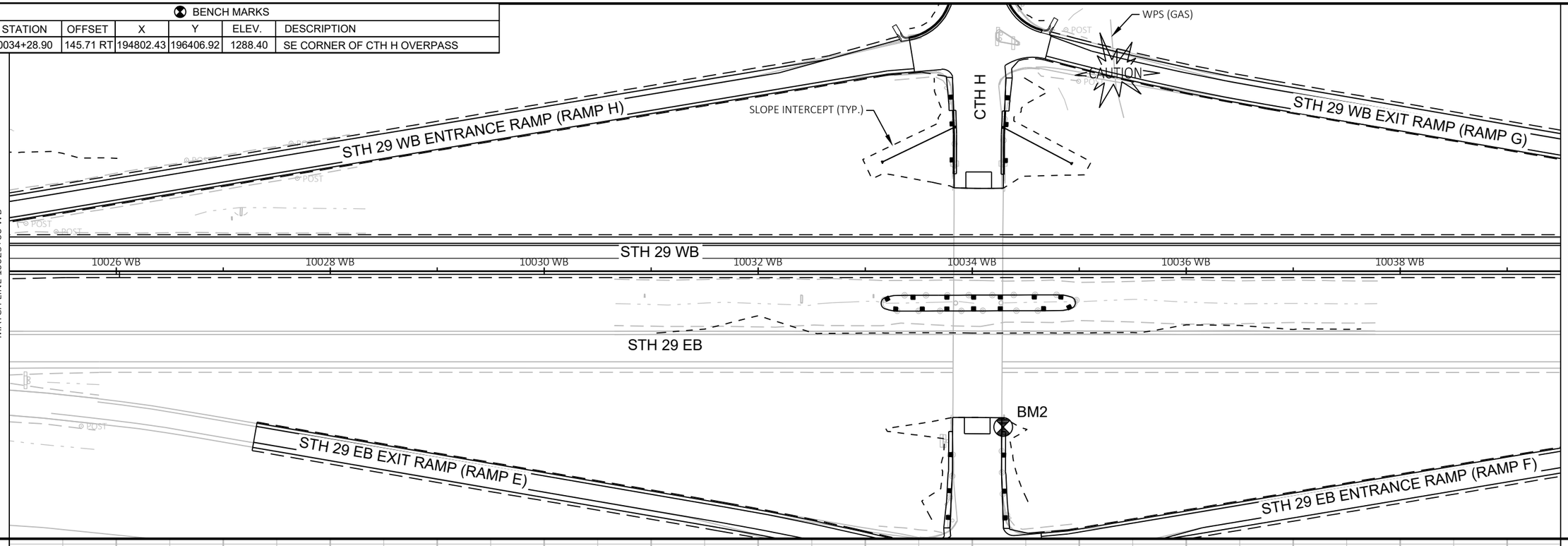
WISDOT/CADDS SHEET 44

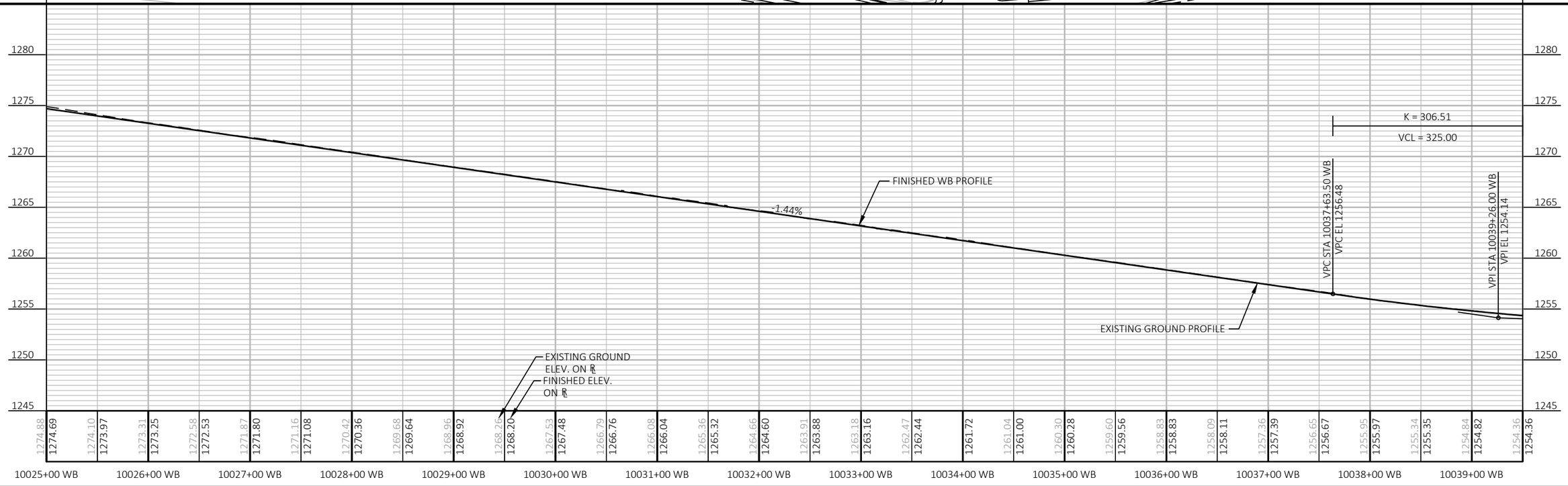


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 213	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050122-pp
PLOT DATE : 6/26/2025 12:32 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

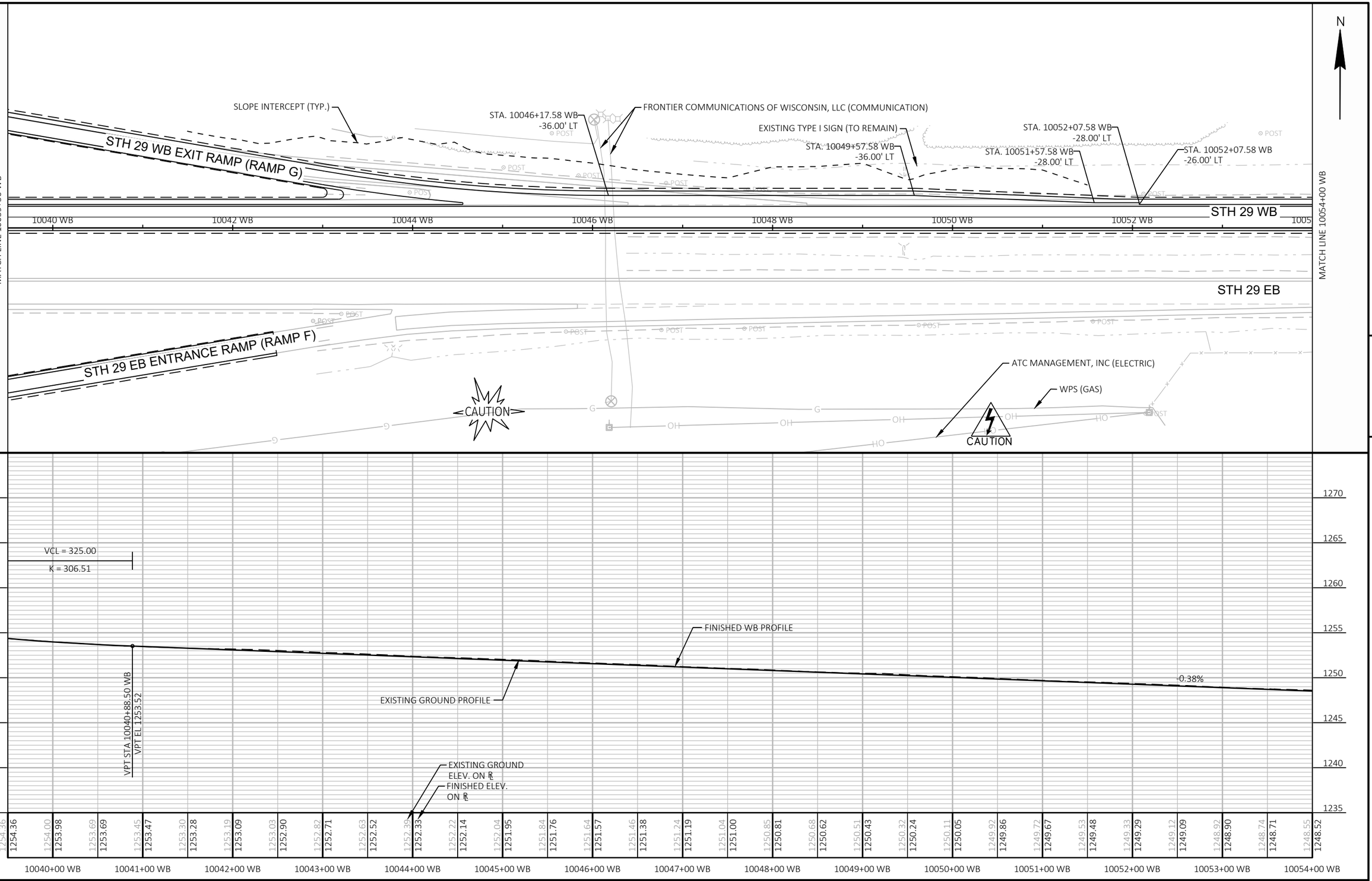
	BENCH MARKS					
NO.	STATION	OFFSET	X	Y	ELEV.	DESCRIPTION
2	10034+28.90	145.71 RT	194802.43	196406.92	1288.40	SE CORNER OF CTH H OVERPASS





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 214	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050123-pp
PLOT DATE : 6/27/2025 12:00 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

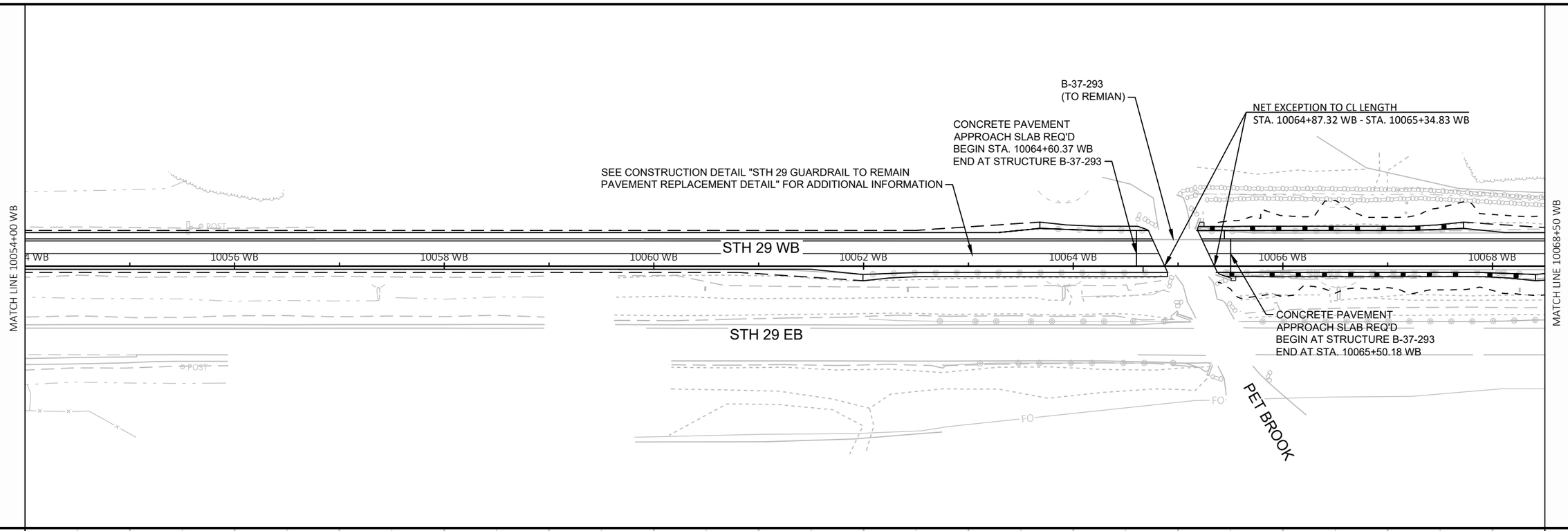


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 215	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050124-pp

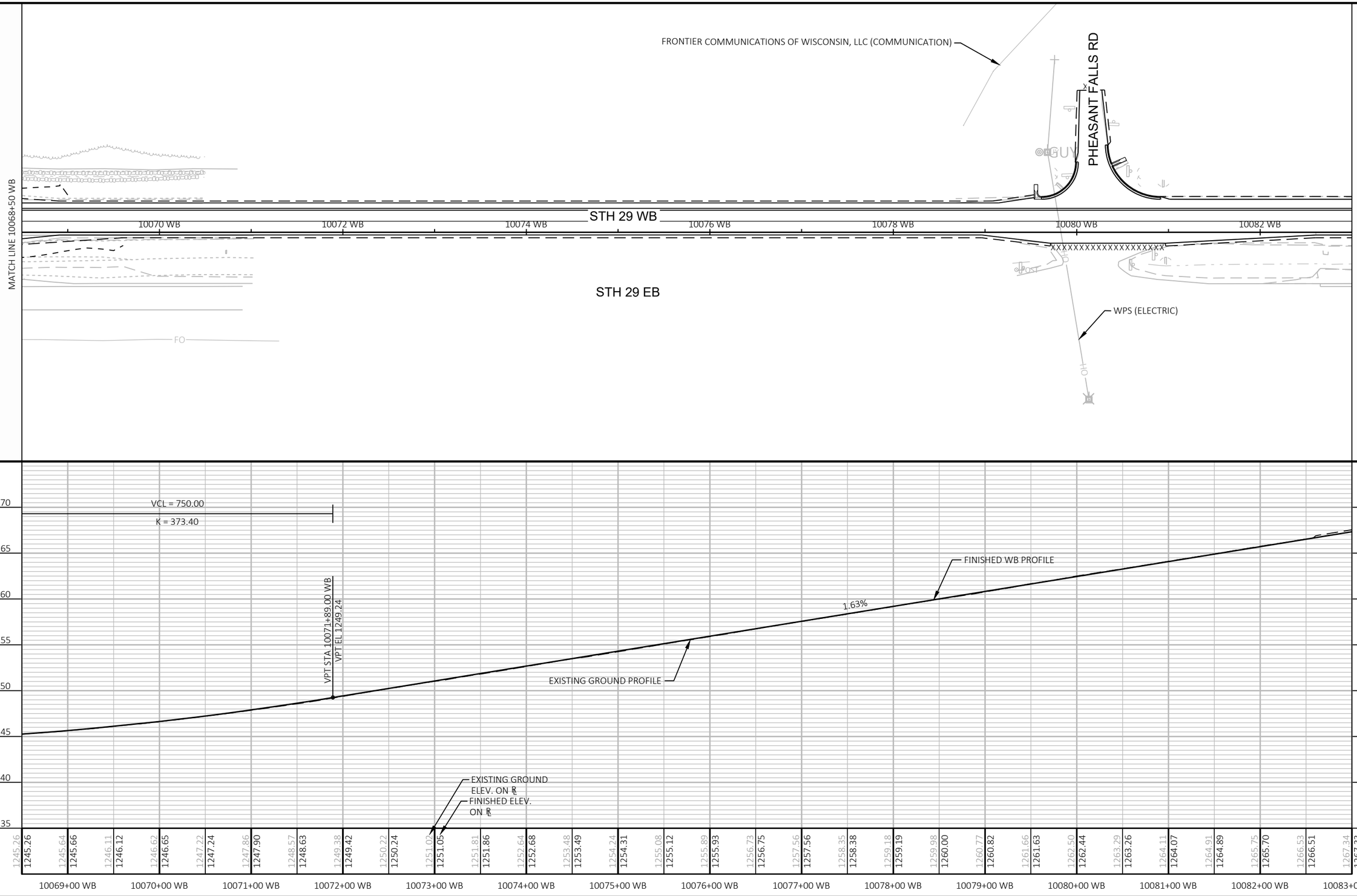
PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 216 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050125-pp
PLOT DATE : 6/26/2025 12:33 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 217	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050126-pp

PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

N

APPROXIMATE LOCATION OF ATR STATION #376105.
EXISTING LOOP DETECTORS AND SENSOR PLATES HAVE BEEN ABANDONED.
REMOVAL INCIDENTAL TO CONCRETE PAVEMENT REMOVAL.

MATCH LINE 10083+00 WB

MATCH LINE 10097+50 WB

POST POST POST POST POST

STH 29 WB

10084 WB 10086 WB 10088 WB 10090 WB 10092 WB 10094 WB 10096 WB

STH 29 EB

5

5

1290 1285 1280 1275 1270 1265 1260 1255

VPC STA 10083+31.00 WB
VPC EL 1267.83

EXISTING GROUND PROFILE

1.63% -1.11%

VPI STA 10092+56.00 WB
VPI EL 1282.89

HP STA 10094+32.09
HP EL 1276.79

FINISHED WB PROFILE

VCL = 1850.00

K = 676.43

EXISTING GROUND ELEV. ON ℄

FINISHED ELEV. ON ℄

1267.54 1267.33 1268.36 1268.14 1269.18 1268.92 1269.99 1269.67 1270.69 1270.37 1271.36 1271.04 1271.96 1271.68 1272.56 1272.27 1273.17 1272.83 1273.64 1273.36 1274.05 1273.84 1274.45 1274.29 1274.85 1274.70 1275.16 1275.08 1275.42 1275.41 1275.63 1275.72 1275.98 1275.98 1276.11 1276.21 1276.50 1276.40 1276.67 1276.55 1276.83 1276.67 1277.03 1276.74 1277.12 1276.79 1277.04 1276.79 1277.02 1276.76 1277.03 1276.69 1276.84 1276.59 1276.70 1276.44 1276.55 1276.26 1276.36 1276.05

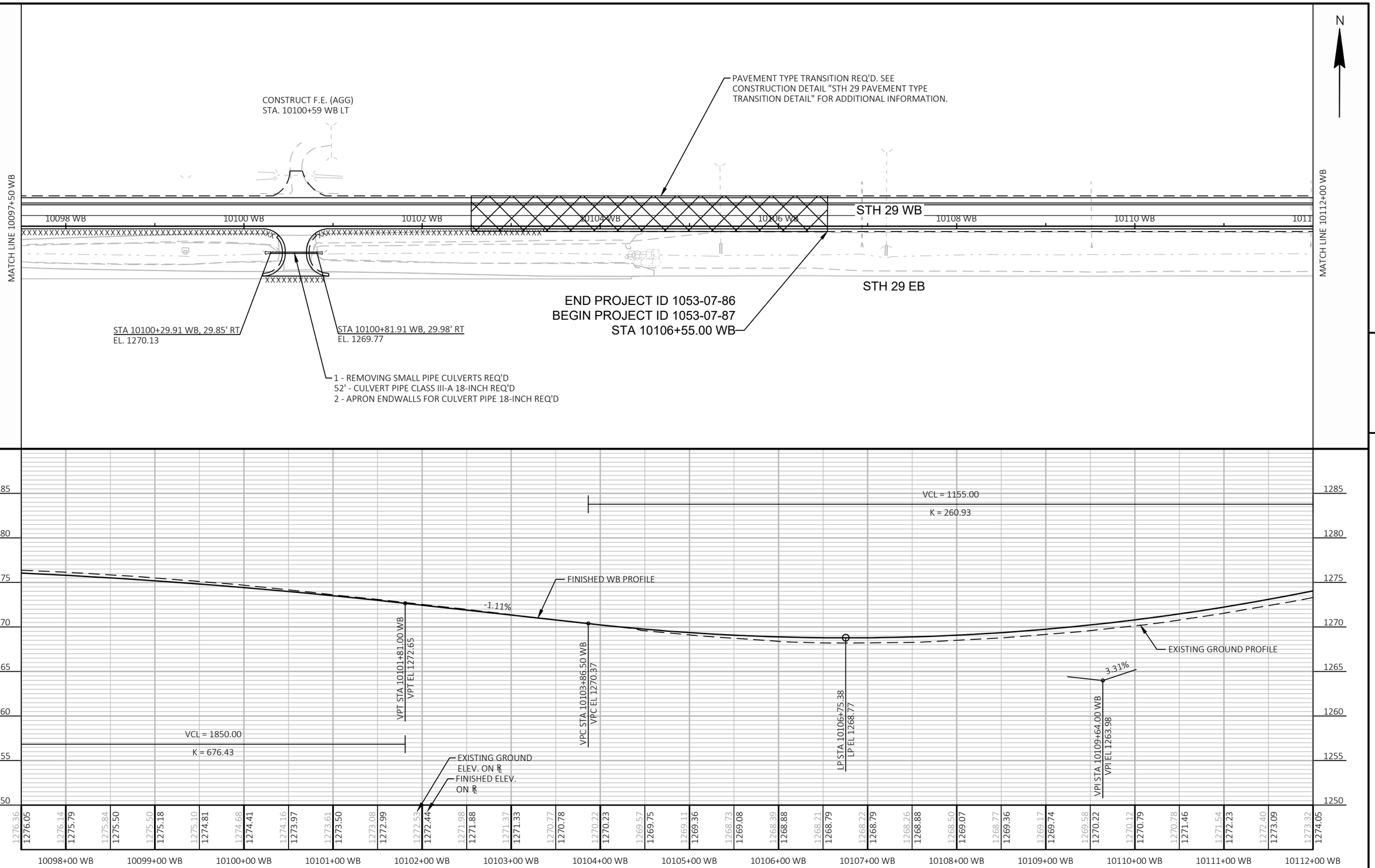
10083+00 WB 10084+00 WB 10085+00 WB 10086+00 WB 10087+00 WB 10088+00 WB 10089+00 WB 10090+00 WB 10091+00 WB 10092+00 WB 10093+00 WB 10094+00 WB 10095+00 WB 10096+00 WB 10097+00 WB

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 218	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050127-pp

PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

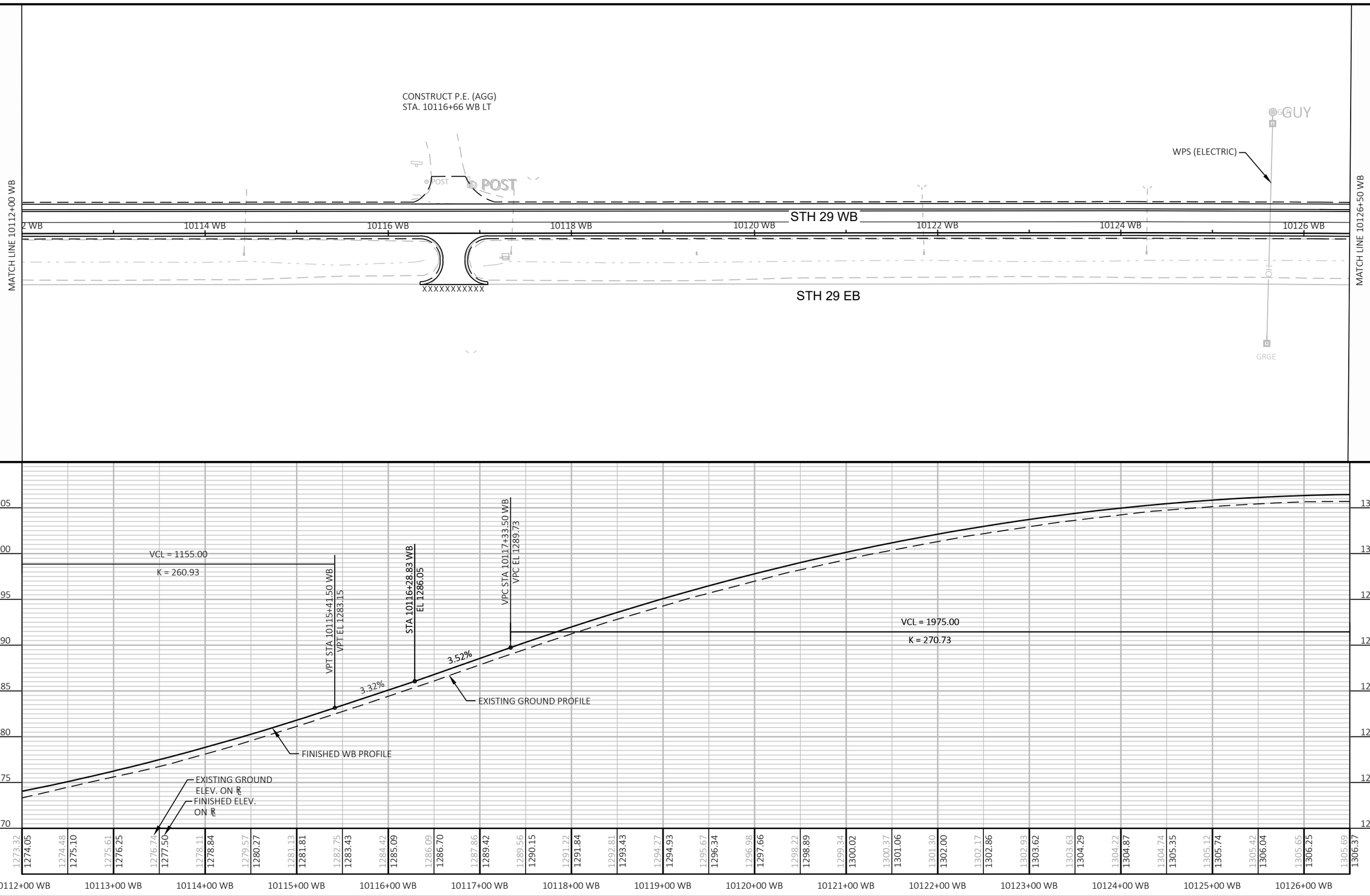
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86/87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 219 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050128-pp

PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 220	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050129-pp
PLOT DATE : 6/26/2025 12:33 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

MATCH LINE 10126+50 WB

MATCH LINE 10141+00 WB

5

5

N

LUMBER FALLS RD

WPS (GAS)

XXXX

STA. 10133+20.93 WB
-63.20' LT

STA. 10133+28.92 WB
-63.67' LT

BASE PATCHING CONCRETE HES REQ'D

STH 29 WB

10128 WB | 10130 WB | 10132 WB | 10134 WB | 10136 WB | 10138 WB | 10140 WB

CAUTION

CAUTION

XXXXXXXXXXXXXXXX

STH 29 EB

CAUTION

ATC MANAGEMENT, INC. (ELECTRIC)

CARDINAL LN

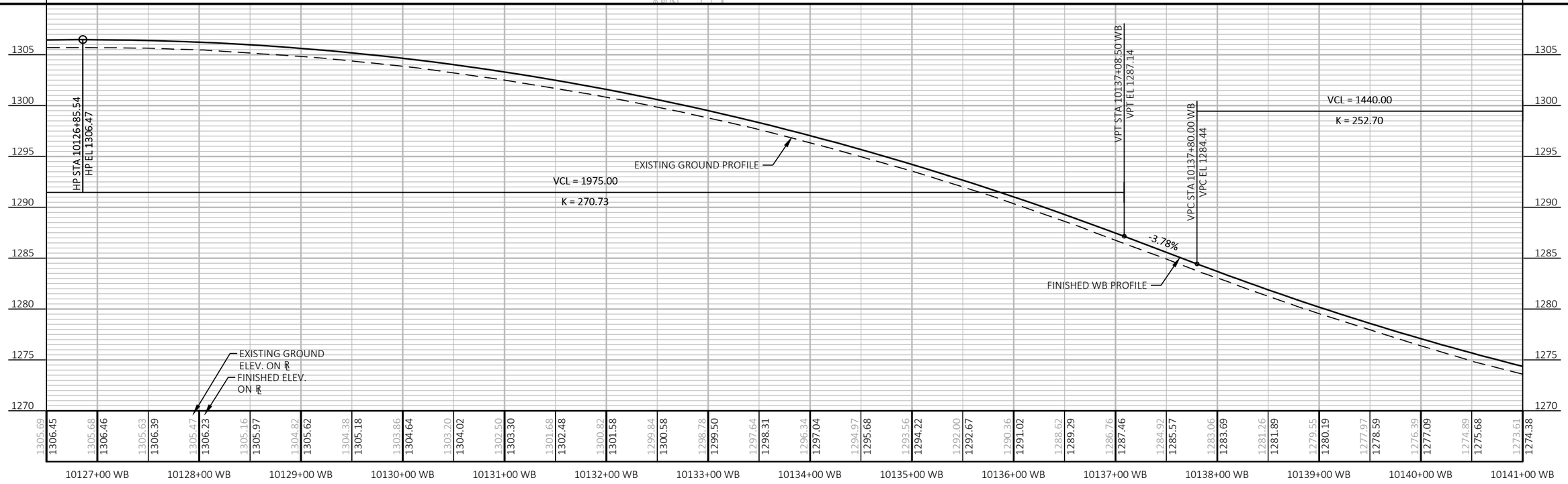
1 - REMOVING APRON ENDWALLS REQ'D
8' - CULVERT PIPE CORRUGATED STEEL 36-INCH REQ'D
1 - APRON ENDWALLS FOR CULVERT PIPE STEEL 36-INCH REQ'D

GUY

POST

G

HO

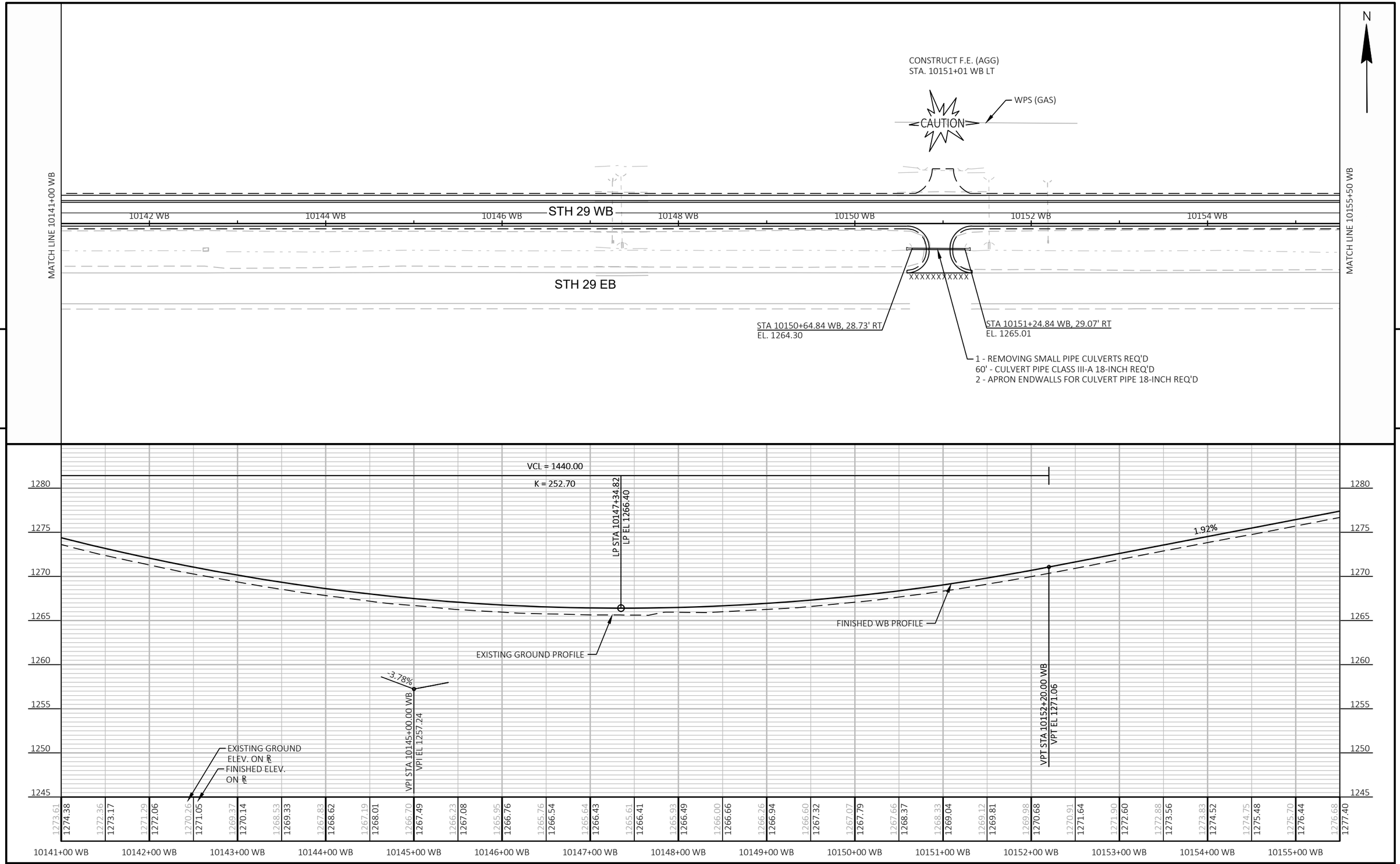


PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 221	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050130-pp

PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 222	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050131-pp
PLOT DATE : 6/26/2025 12:33 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

N

MATCH LINE 10155+50 WB

MATCH LINE 10170+00 WB

10156 WB | 10158 WB | 10160 WB | 10162 WB | 10164 WB | 10166 WB | 10168 WB | 1017

STH 29 WB

STH 29 EB

5

5

VPC STA 10155+79.00 WB
VPC EL 1277.95

VPT STA 10159+79.00 WB
VPT EL 1286.74

VCL = 400.00
K = 719.83

VCL = 1115.00
K = 655.64

2.48%

FINISHED WB PROFILE

EXISTING GROUND PROFILE

VPC STA 10164+72.50 WB
VPC EL 1298.96

VPI STA 10157+79.00 WB
VPI EL 1281.79

EXISTING GROUND ELEV. ON ℄

FINISHED ELEV. ON ℄

1305 | 1300 | 1295 | 1290 | 1285 | 1280 | 1275 | 1270

1276.68 | 1277.40 | 1277.64 | 1278.36 | 1278.63 | 1279.35 | 1279.65 | 1280.38 | 1280.72 | 1281.44 | 1281.79 | 1282.53 | 1282.96 | 1283.67 | 1284.15 | 1284.83 | 1285.35 | 1286.03 | 1286.55 | 1287.26 | 1287.80 | 1288.50 | 1289.04 | 1289.74 | 1290.27 | 1290.98 | 1291.50 | 1292.21 | 1292.75 | 1293.45 | 1294.01 | 1294.69 | 1295.27 | 1295.93 | 1296.52 | 1297.17 | 1297.74 | 1298.40 | 1298.97 | 1299.64 | 1300.13 | 1300.83 | 1301.28 | 1301.99 | 1302.40 | 1303.12 | 1303.48 | 1304.20 | 1304.53 | 1305.24 | 1305.58 | 1306.25 | 1306.53 | 1307.22 | 1307.46 | 1308.15 | 1308.34 | 1309.04 | 1309.23 | 1309.90

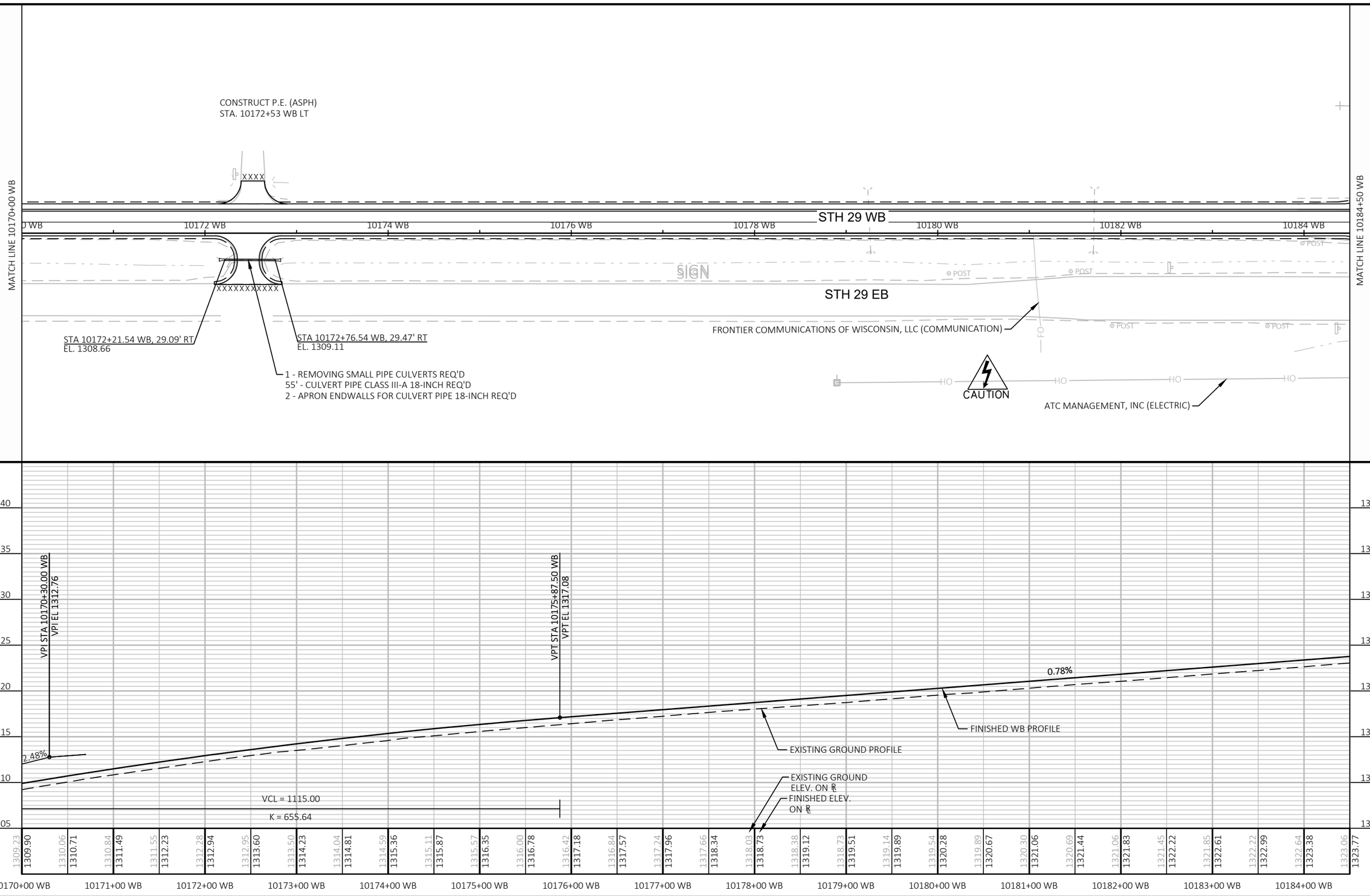
10156+00 WB | 10157+00 WB | 10158+00 WB | 10159+00 WB | 10160+00 WB | 10161+00 WB | 10162+00 WB | 10163+00 WB | 10164+00 WB | 10165+00 WB | 10166+00 WB | 10167+00 WB | 10168+00 WB | 10169+00 WB | 10170+00 WB

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 223 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050132-pp

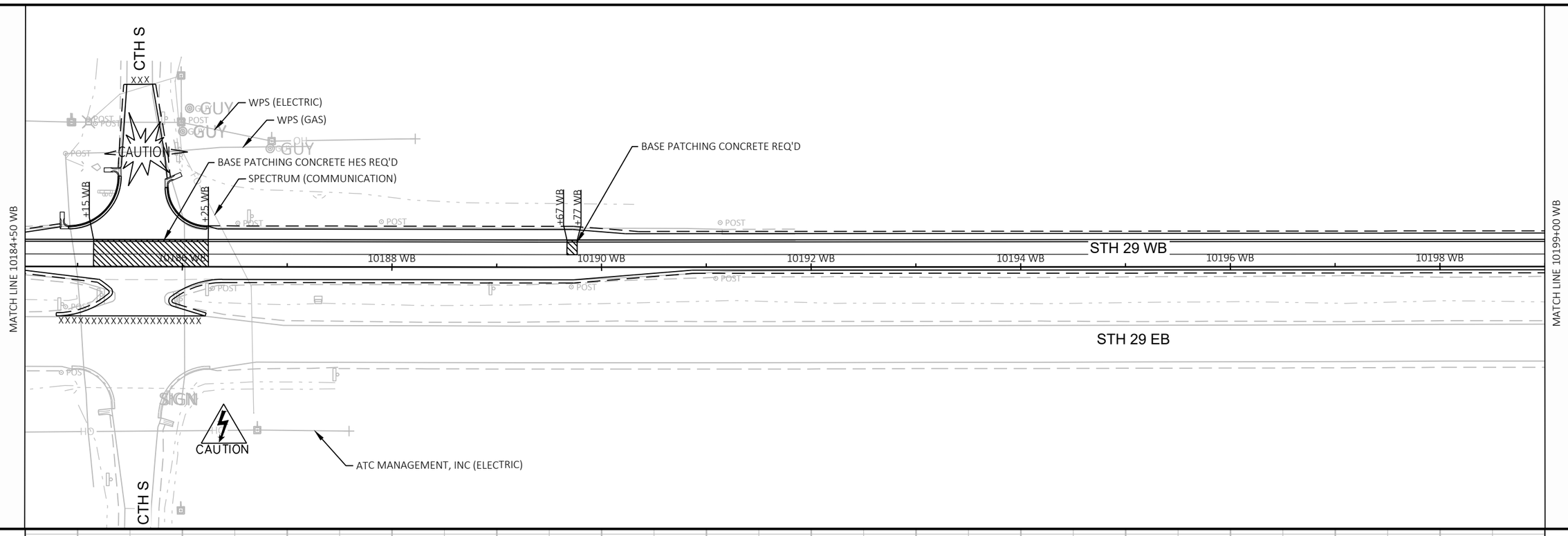
PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

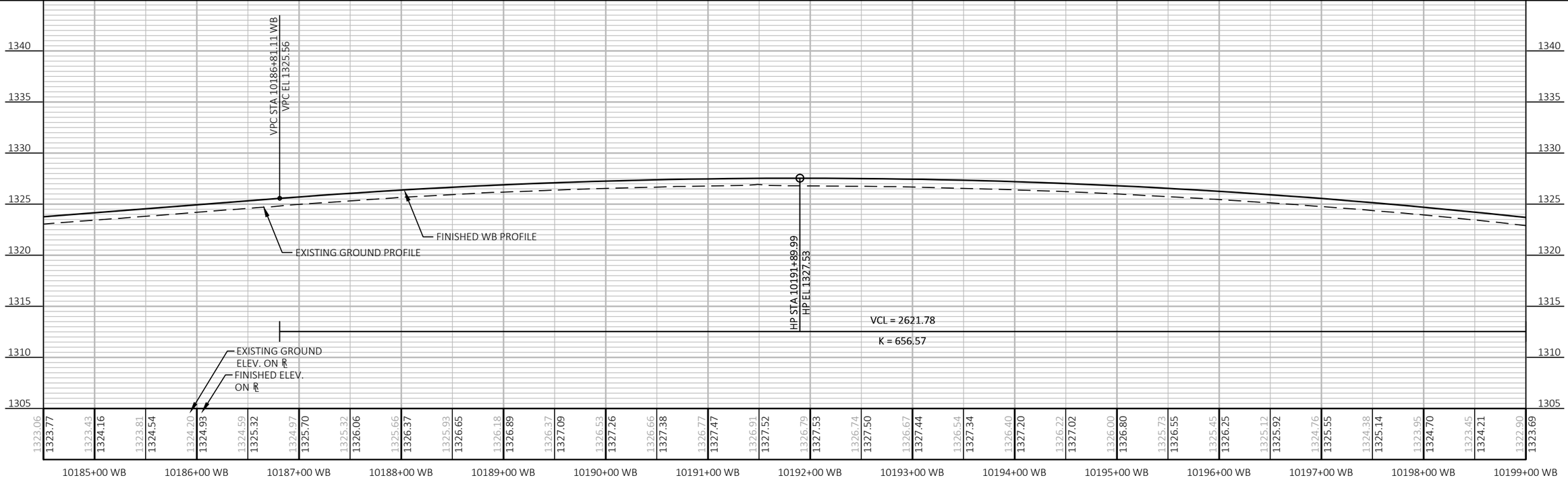
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 224	E

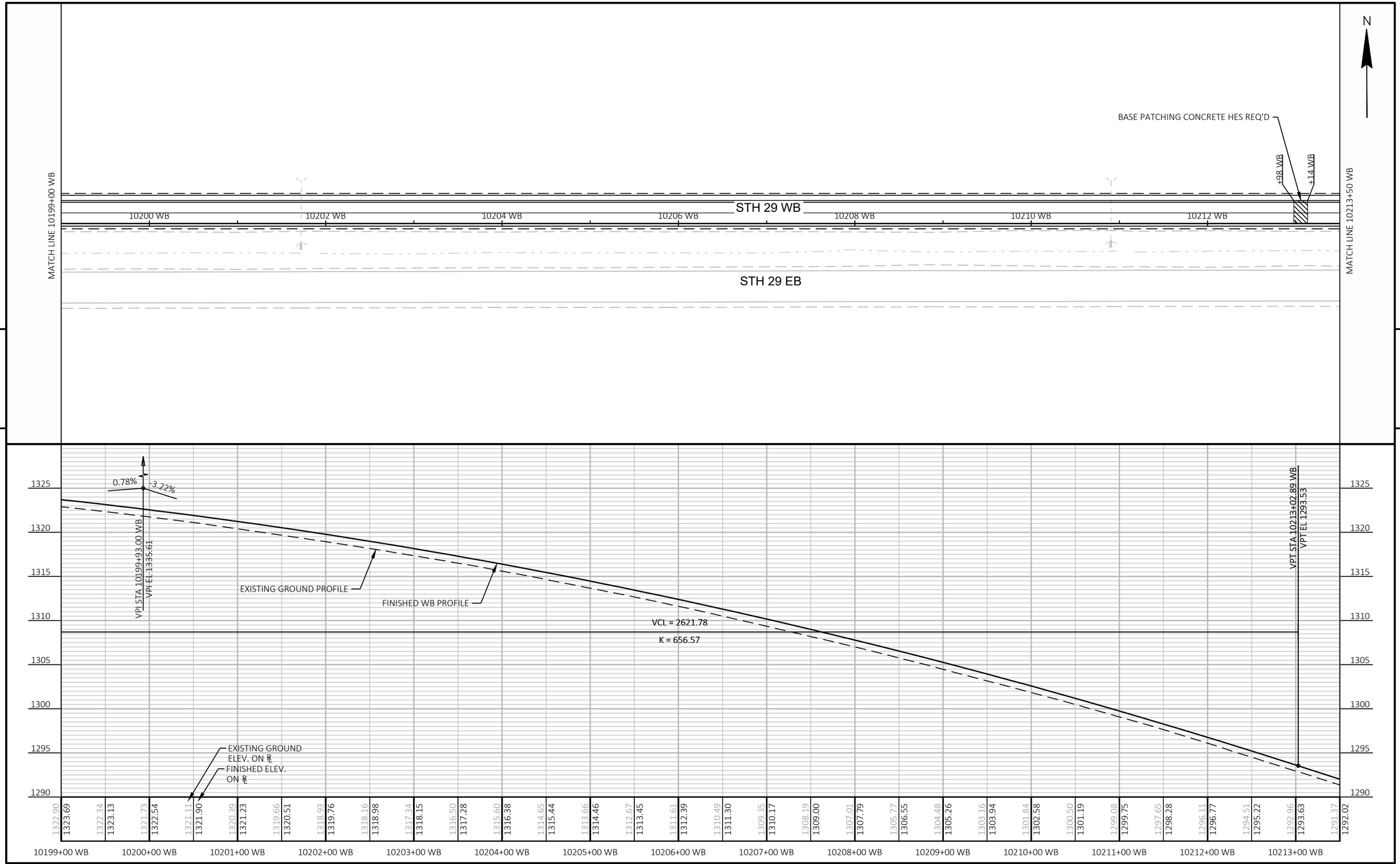
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050133-pp
PLOT DATE : 8/7/2025 9:01 AM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





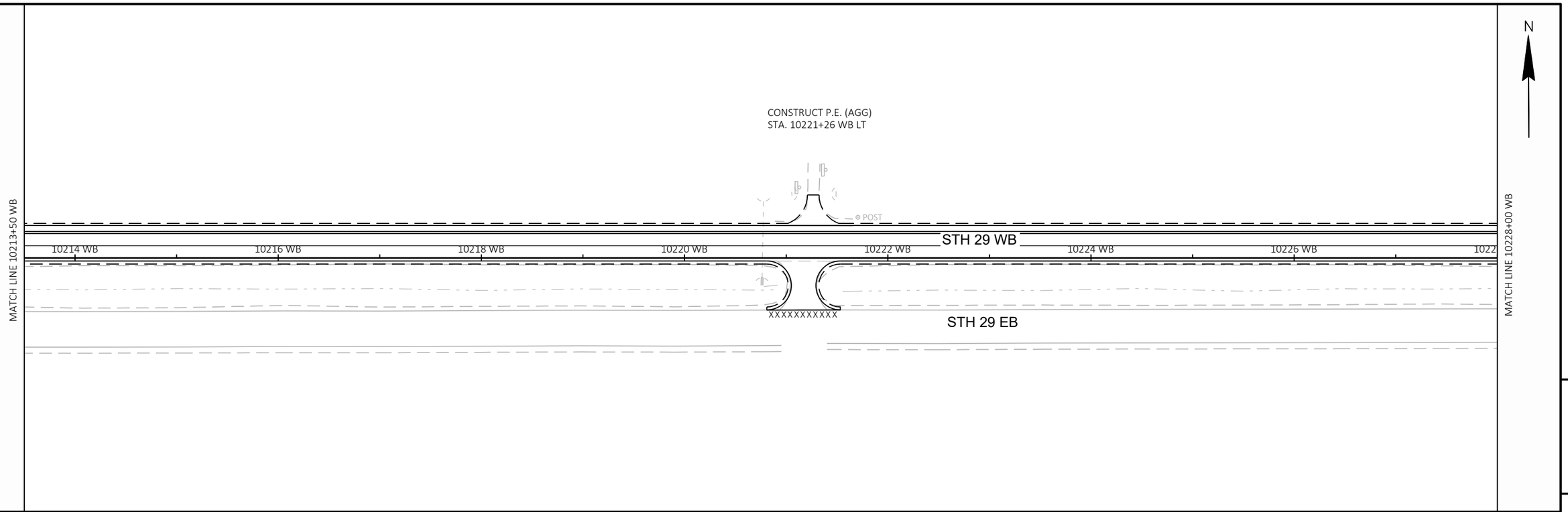
PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 225	E

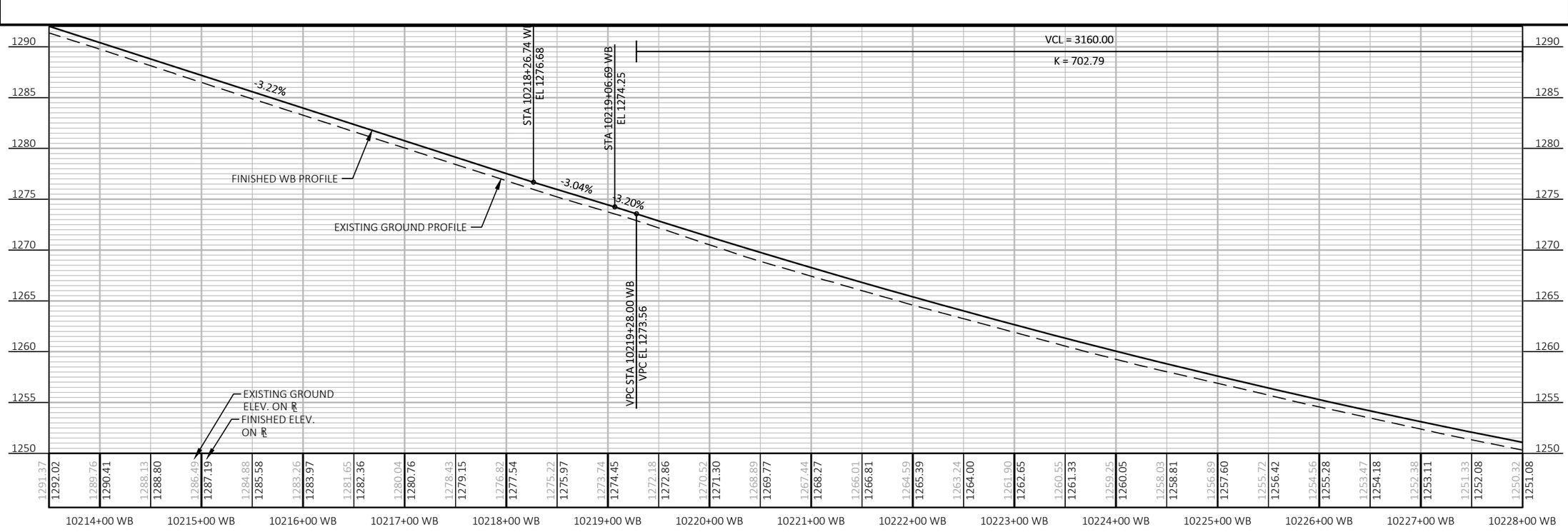
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050134-pp
PLOT DATE : 6/26/2025 12:33 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 226	E

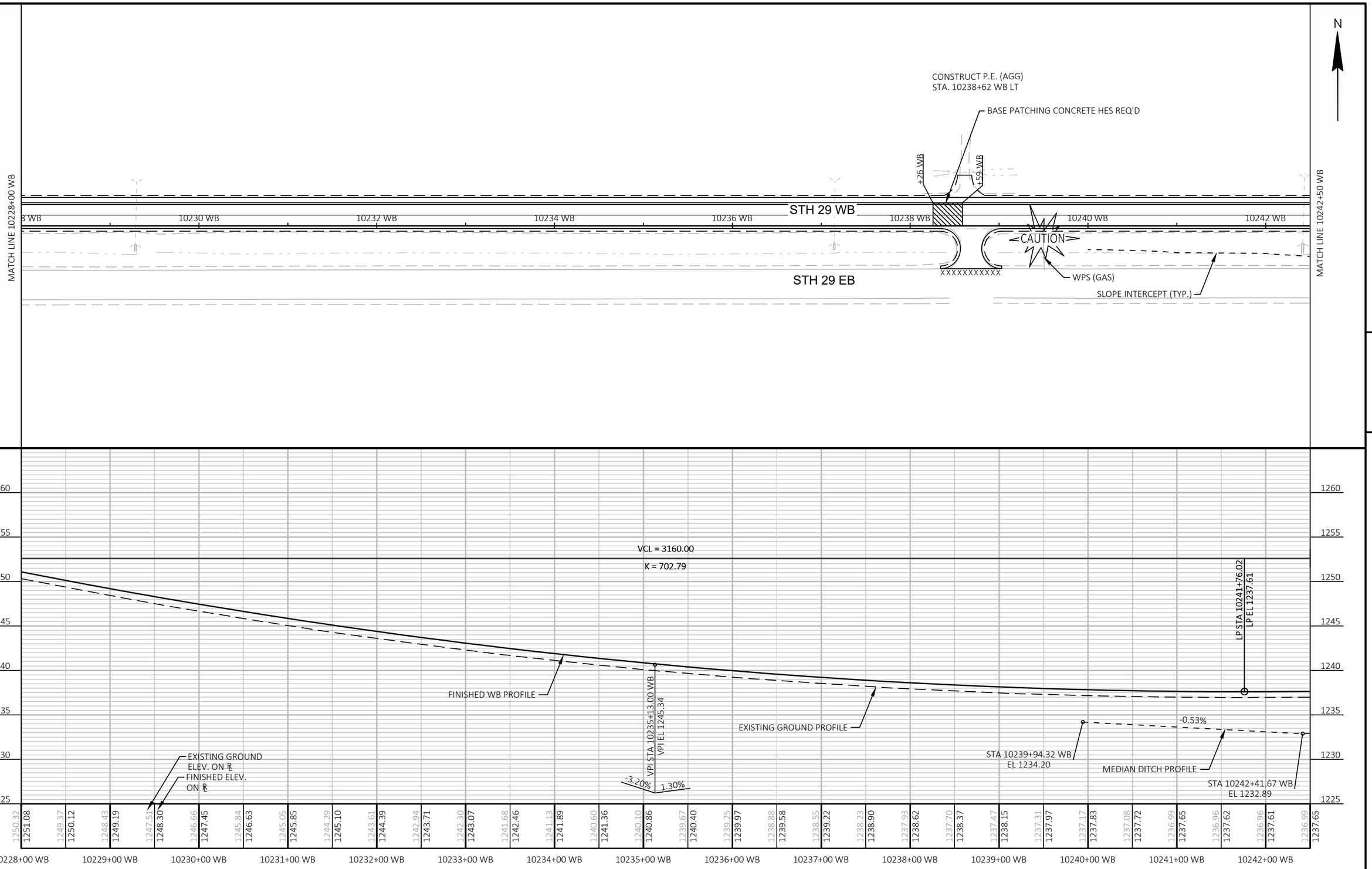
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050135-pp
PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 227	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050136-pp
PLOT DATE : 6/26/2025 12:33 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : Custom
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 228 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050101-PP.DWG
LAYOUT NAME - 050137-pp

PLOT DATE : 6/26/2025 12:33 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

N

PAVEMENT TYPE TRANSITION REQ'D. SEE CONSTRUCTION DETAIL "STH 29 PAVEMENT TYPE TRANSITION DETAIL - END OF PROJECT" FOR ADDITIONAL INFORMATION.

MATCH LINE 10242+50 WB

STH 29 WB

10244 WB | 10246 WB | 10248 WB | 10250 WB | 10252 WB | 10254 WB | 10256 WB

STH 29 EB

SLOPE INTERCEPT (TYP.)

END PROJECT ID 1053-07-87
STA. 10253+82.77 WB
MATCH EXISTING
SAW CUT REQ'D

5

5

VCL = 3160.00
K = 702.79

VPC STA 10251+26.59 WB
VPC EL 1244.03

VPI STA 10252+31.59 WB
VPI EL 1245.39

VPT STA 10253+36.59 WB
VPT EL 1246.06

STA 10253+82.77 WB
EL 1246.36

0.64%

1.30%

VPT STA 10250+88.00 WB
VPT EL 1243.53

VCL = 210.00
K = 319.39

FINISHED WB PROFILE

EXISTING GROUND PROFILE

0.52%

STA 10243+50.96 WB
EL 1233.46

MEDIAN DITCH PROFILE

EXISTING GROUND ELEV. ON ℄

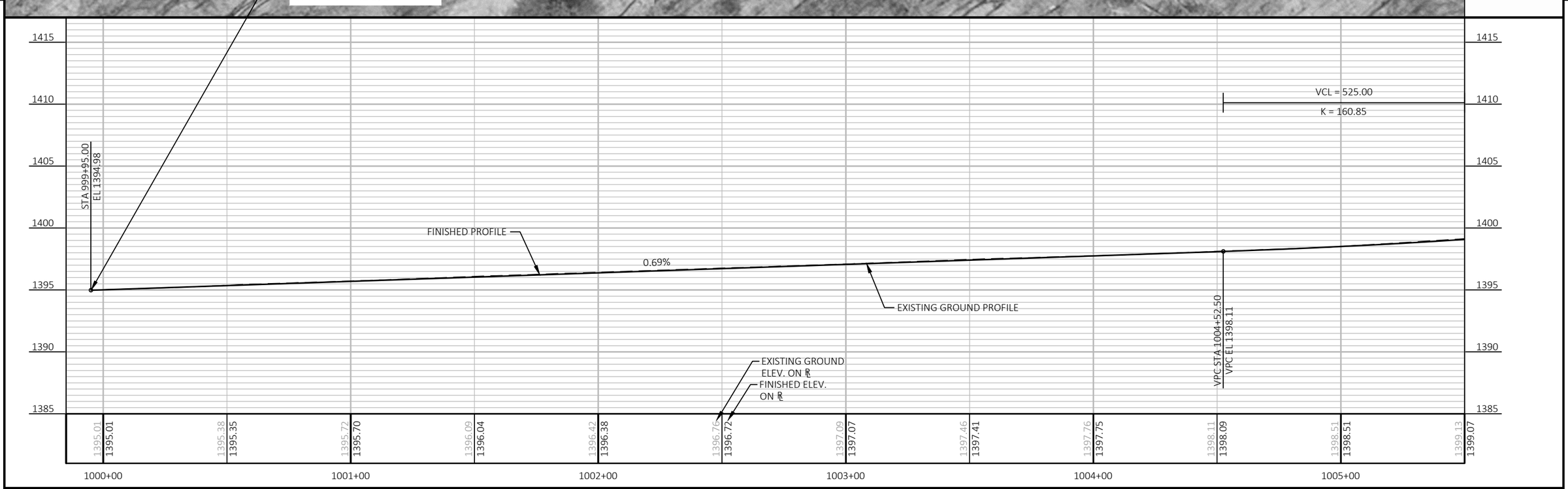
FINISHED ELEV. ON ℄

1260 | 1255 | 1250 | 1245 | 1240 | 1235 | 1230 | 1225

1236.99 1237.65 | 1237.08 1237.72 | 1237.17 1237.83 | 1237.32 1237.97 | 1237.47 1238.14 | 1237.67 1238.36 | 1237.94 1238.61 | 1238.23 1238.89 | 1238.56 1239.21 | 1238.91 1239.56 | 1239.28 1239.95 | 1239.70 1240.38 | 1240.17 1240.84 | 1240.67 1241.34 | 1241.22 1241.87 | 1241.75 1242.44 | 1242.32 1243.04 | 1242.93 1243.68 | 1243.63 1244.32 | 1244.37 1244.90 | 1245.05 1245.39 | 1245.71 1245.81 | 1246.11 1246.15 | 1246.47

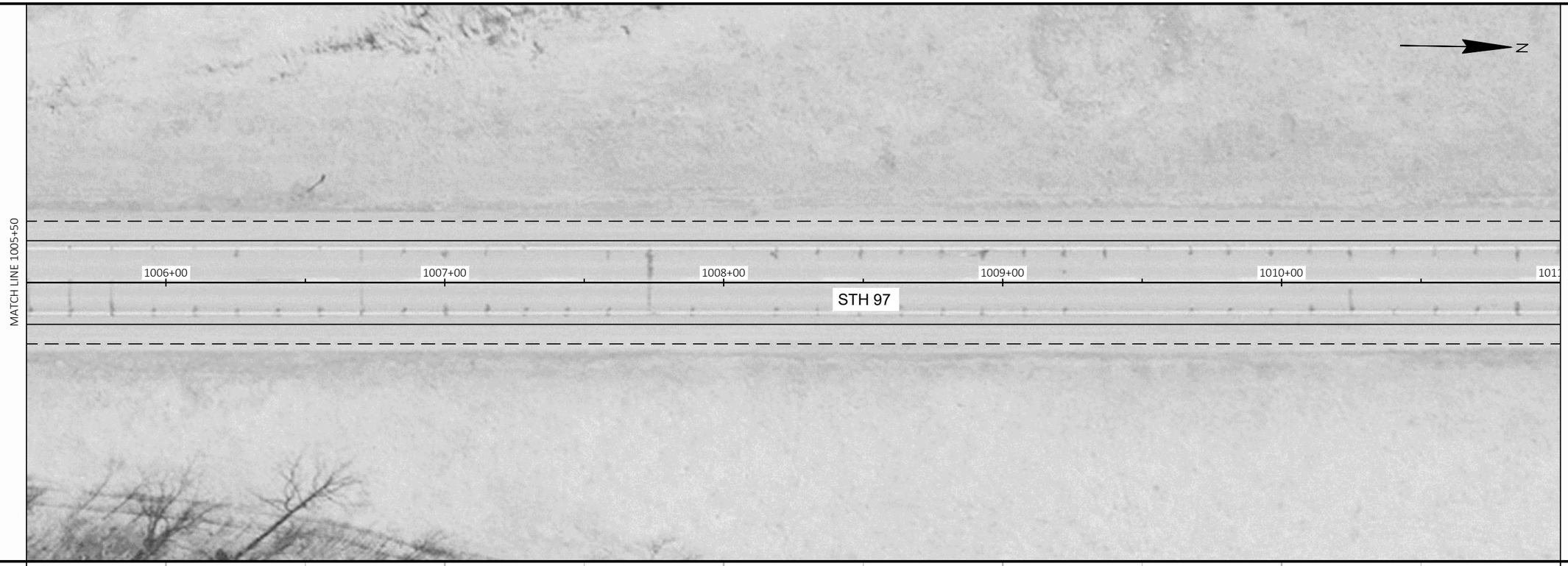
10243+00 WB | 10244+00 WB | 10245+00 WB | 10246+00 WB | 10247+00 WB | 10248+00 WB | 10249+00 WB | 10250+00 WB | 10251+00 WB | 10252+00 WB | 10253+00 WB | 10254+00 WB

PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: WB MAINLINE	SHEET 229	E



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 230	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050201-pp
PLOT DATE : 8/6/2025 4:38 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



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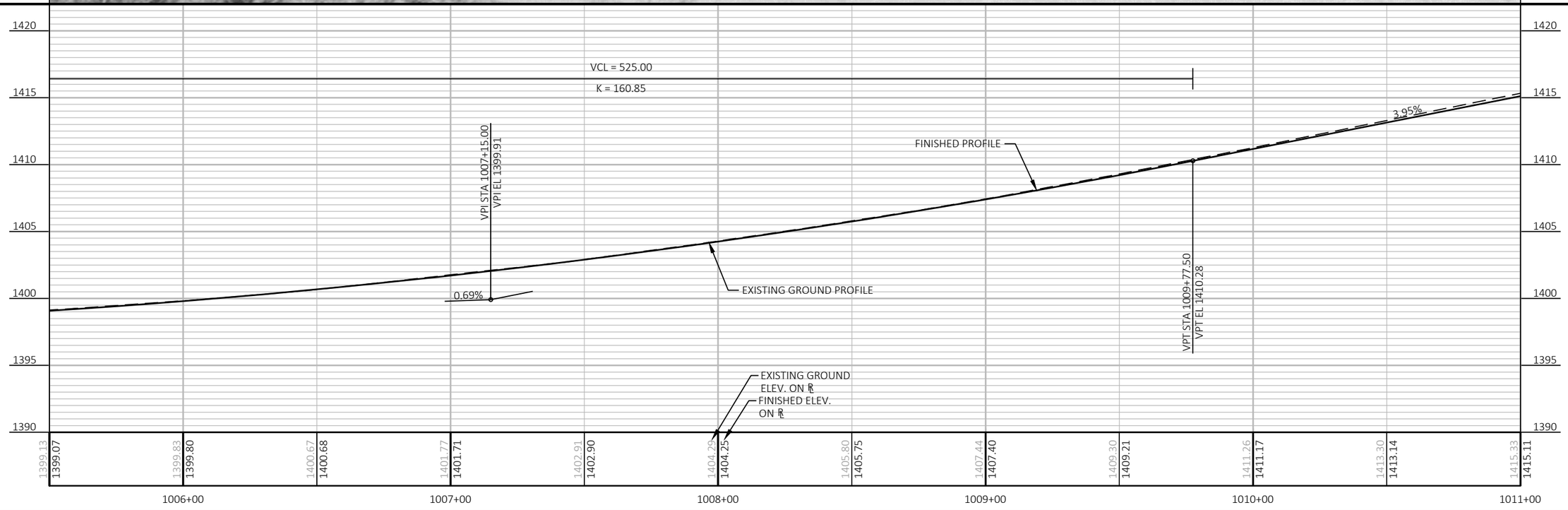
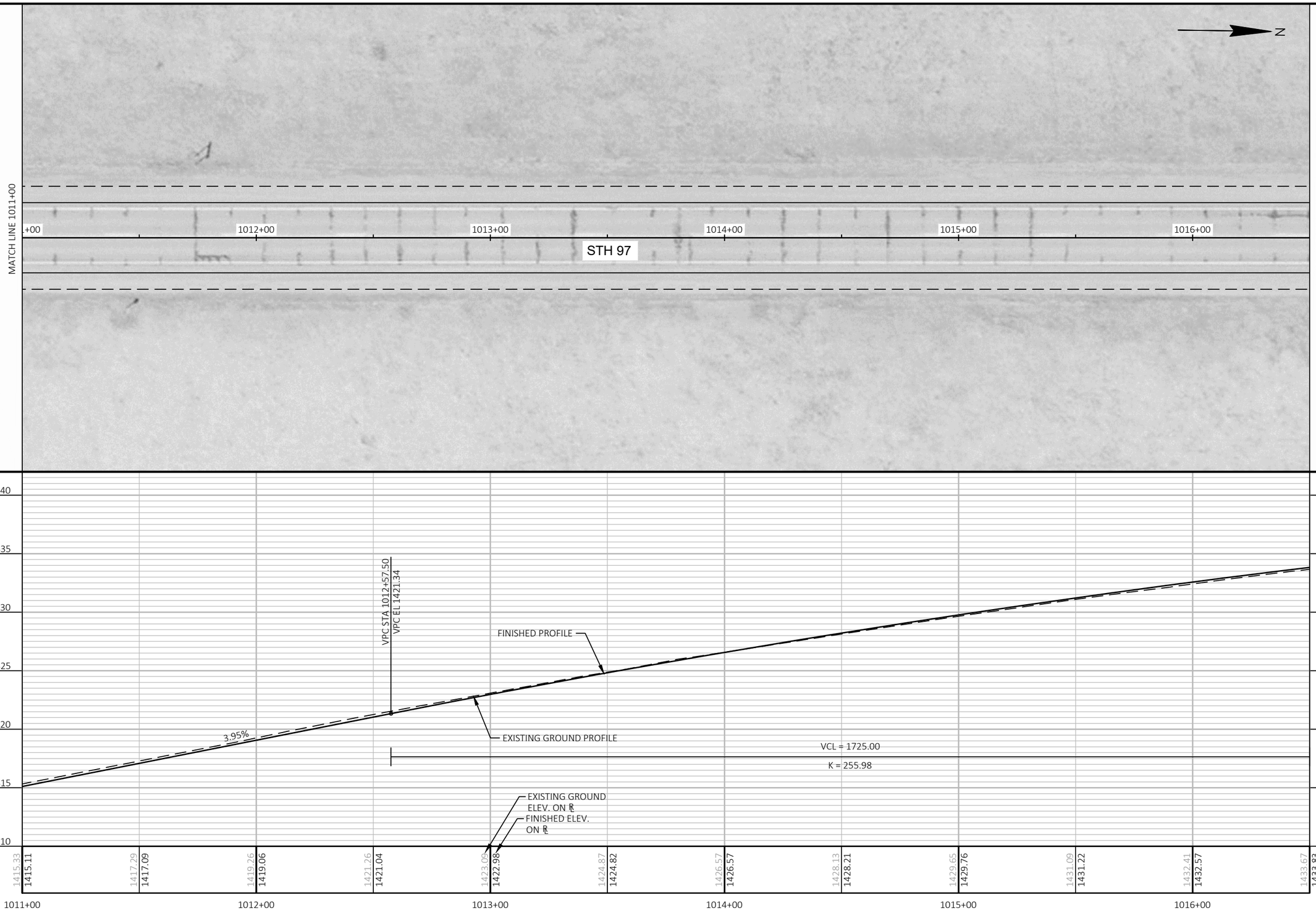


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 231	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050202-pp
PLOT DATE : 6/27/2025 12:22 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



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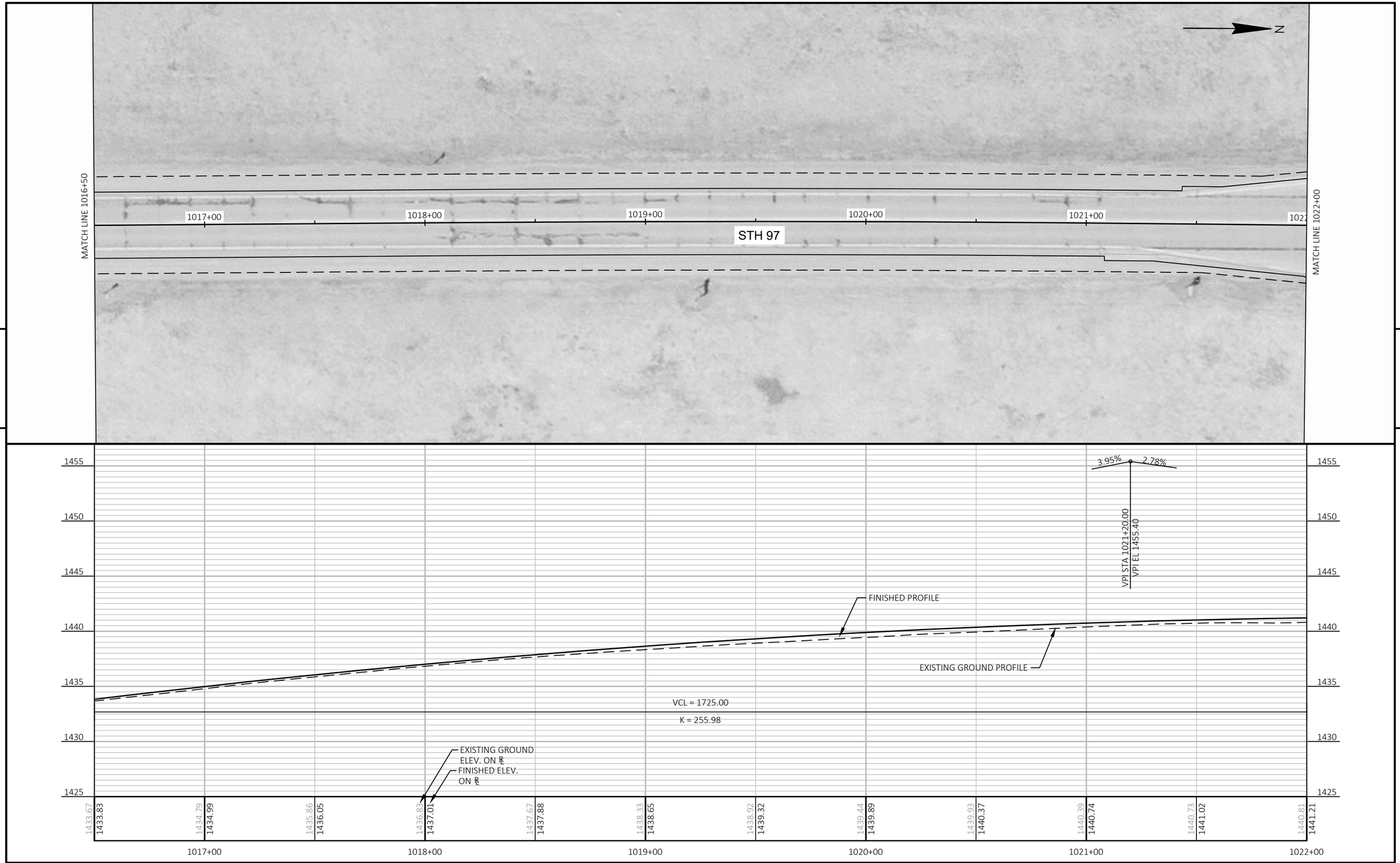
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 232	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050203-pp

PLOT DATE : 6/27/2025 12:22 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

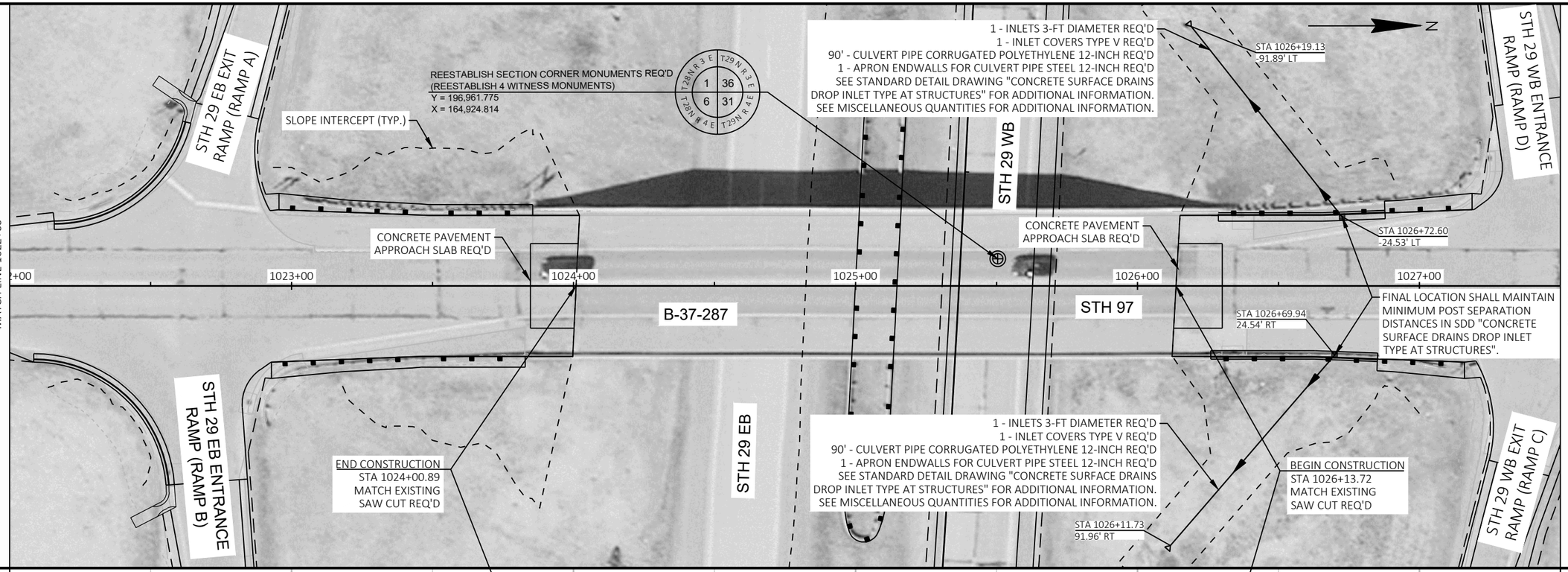


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 233	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050204-pp

PLOT DATE : 6/27/2025 12:23 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



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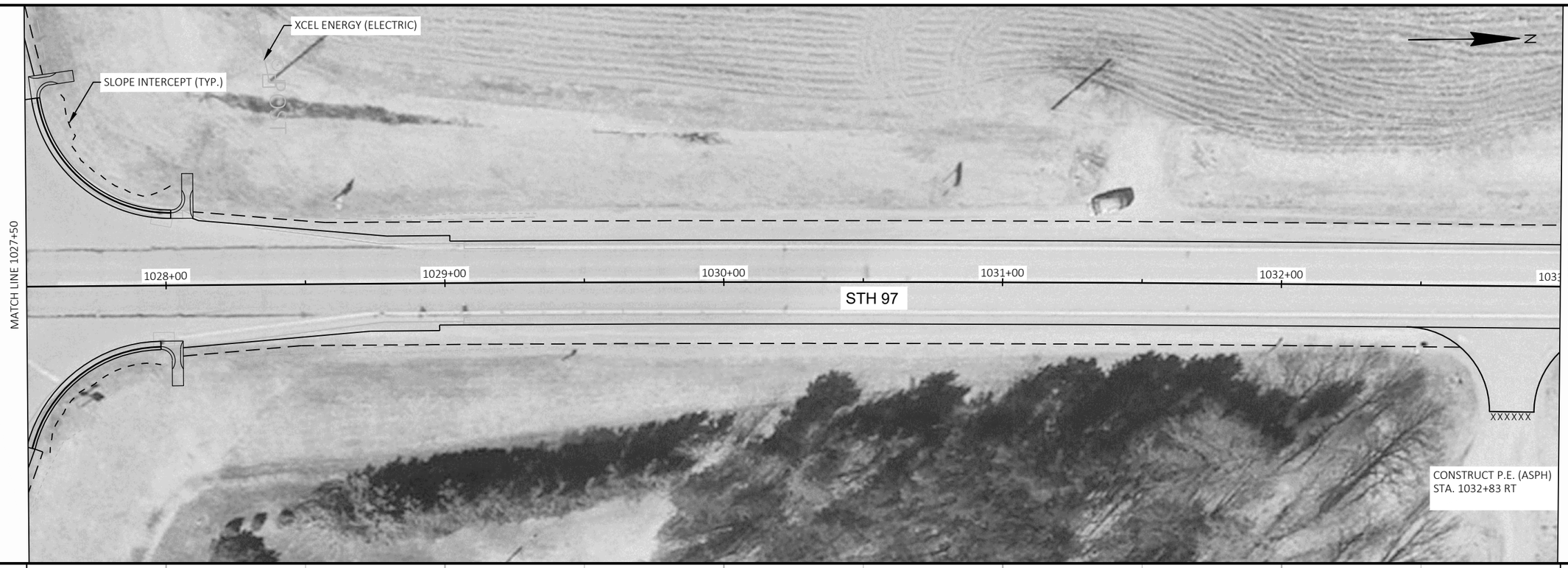
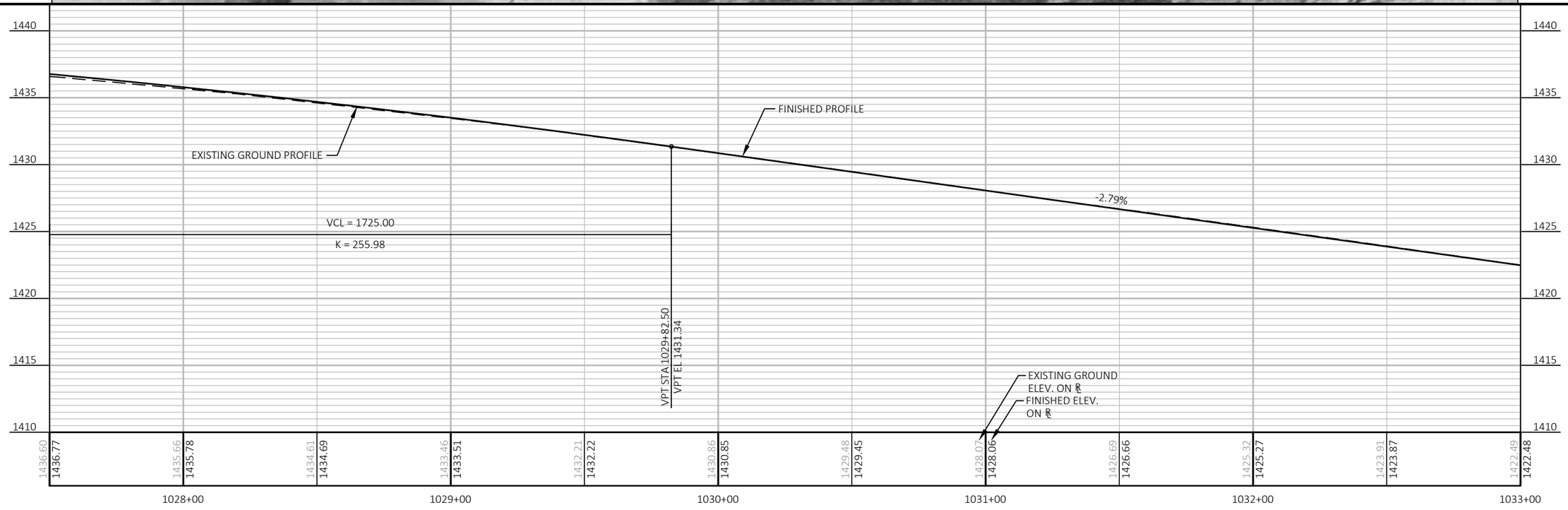
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 234	E

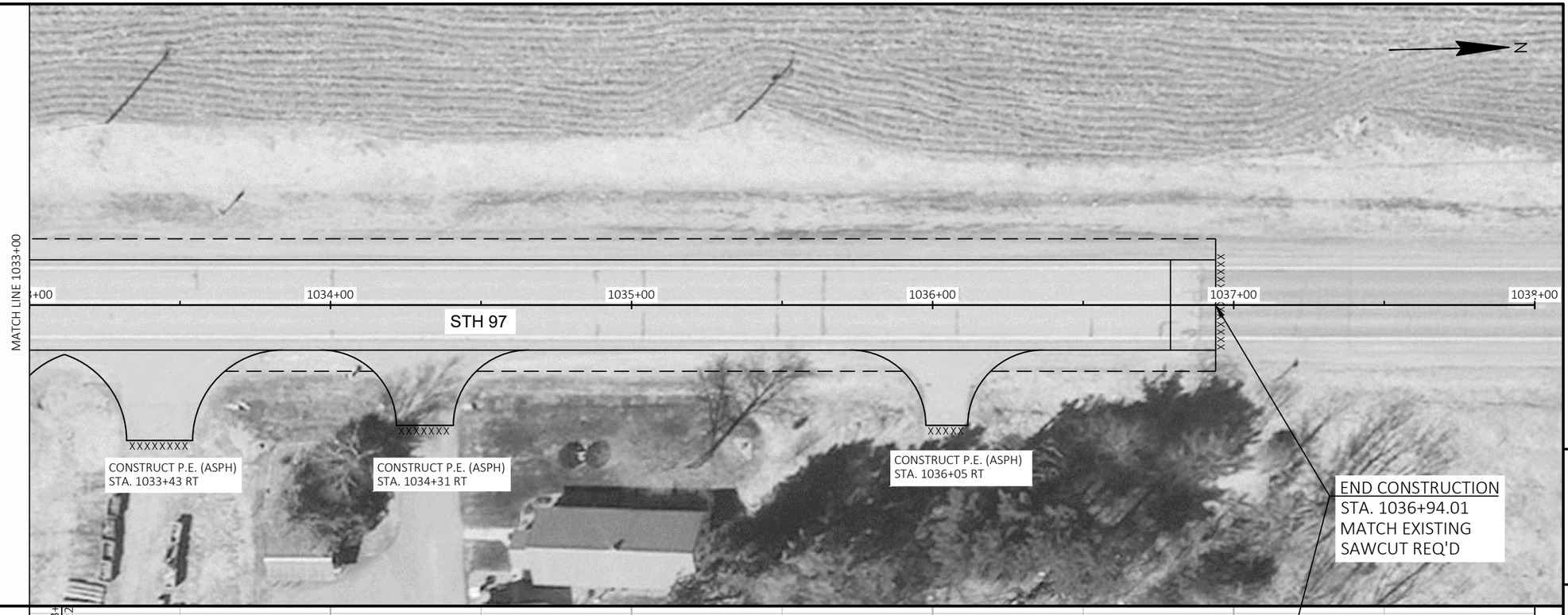
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050205-pp
PLOT DATE : 6/27/2025 12:23 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

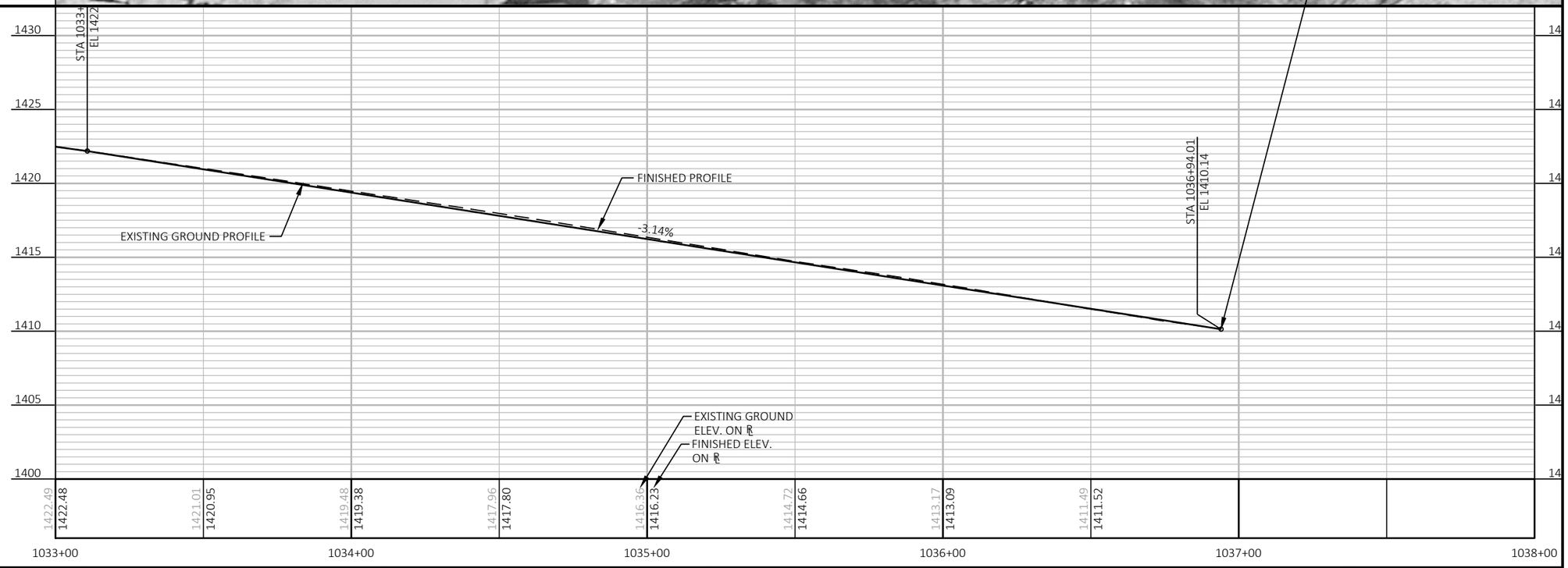




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 235	E

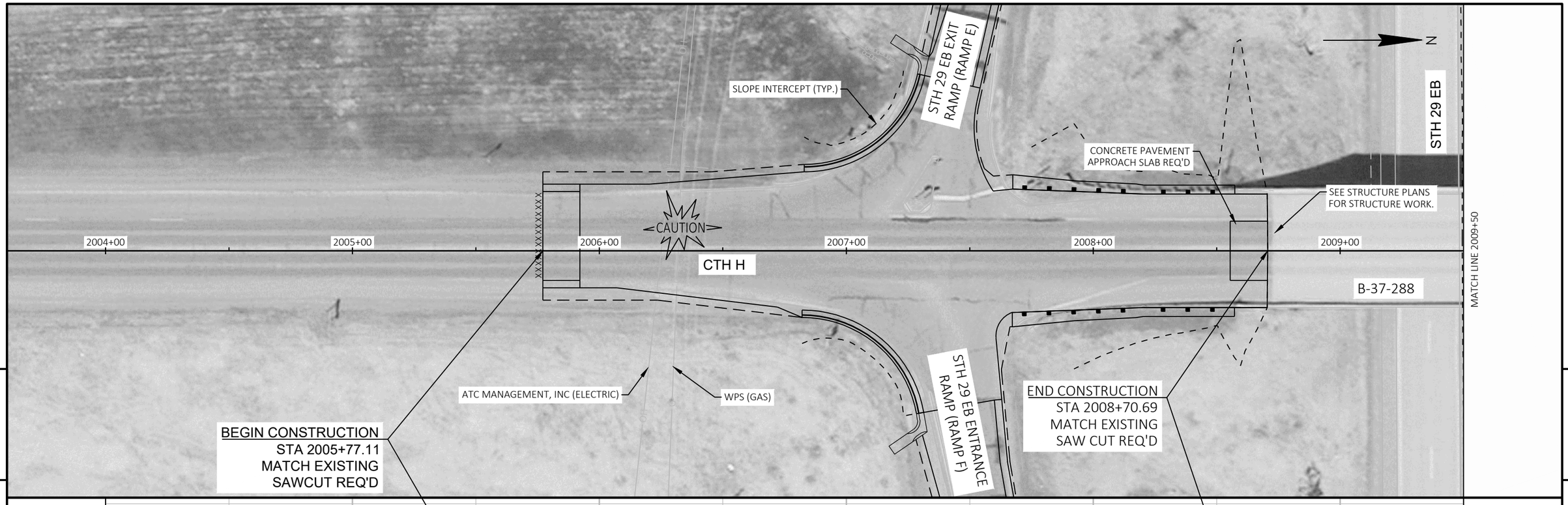
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050206-pp
PLOT DATE : 8/6/2025 4:38 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

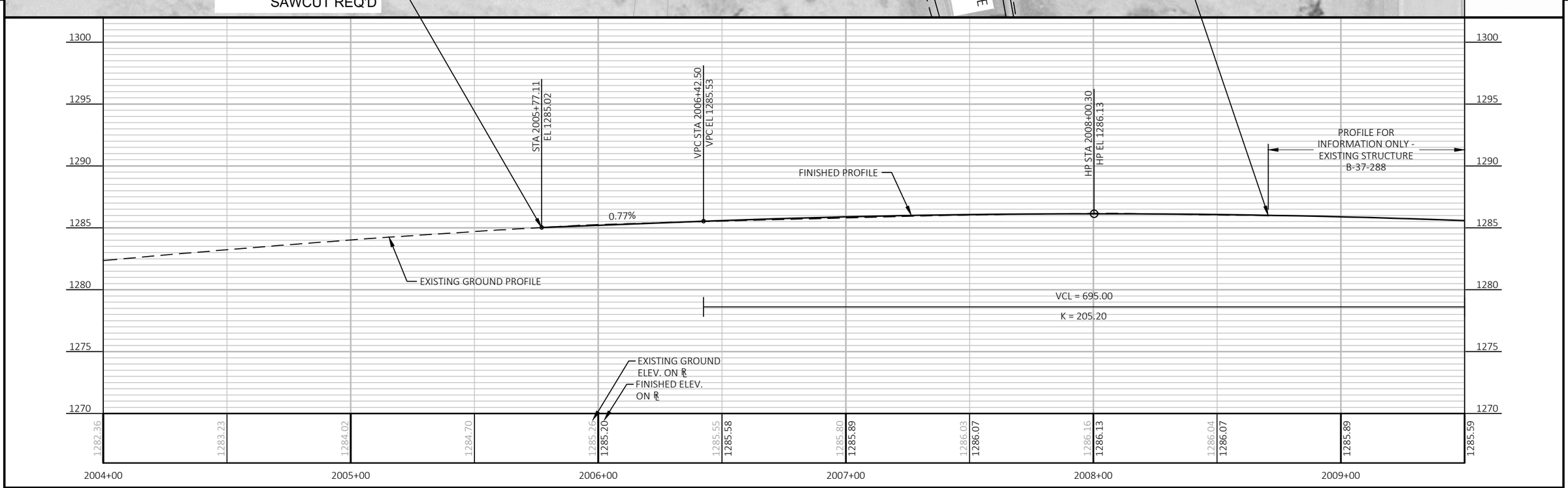




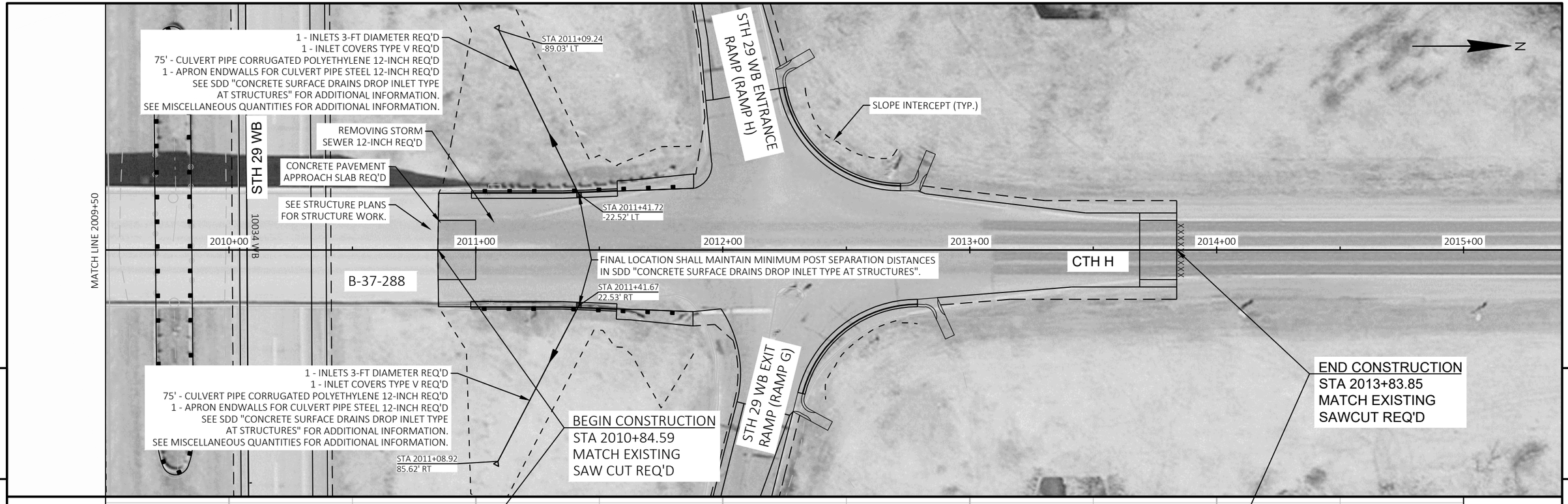
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: STH 97	SHEET 236	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050201-PP.DWG
LAYOUT NAME - 050207-pp
PLOT DATE : 8/6/2025 4:38 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



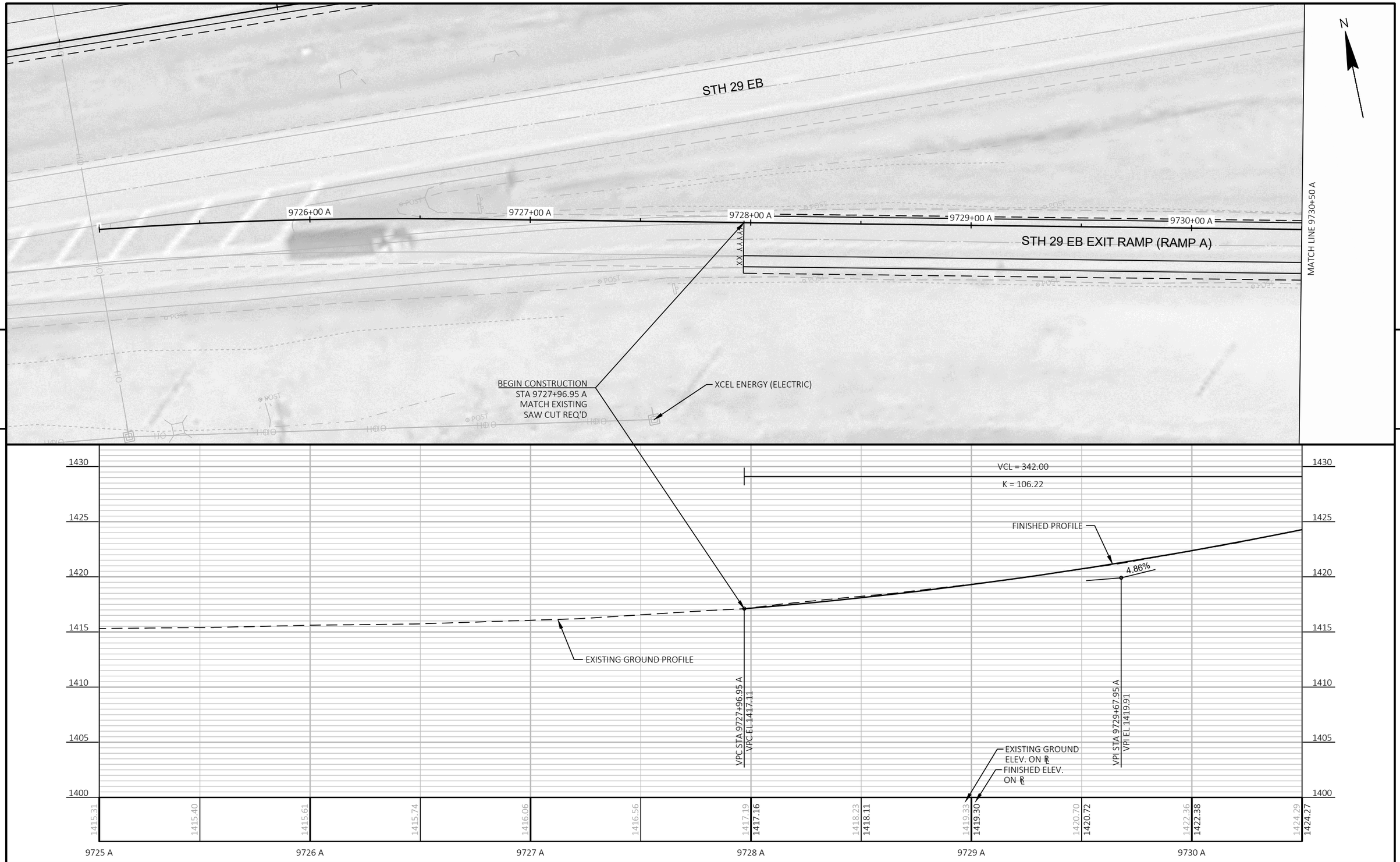


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CTH H	SHEET 237	E



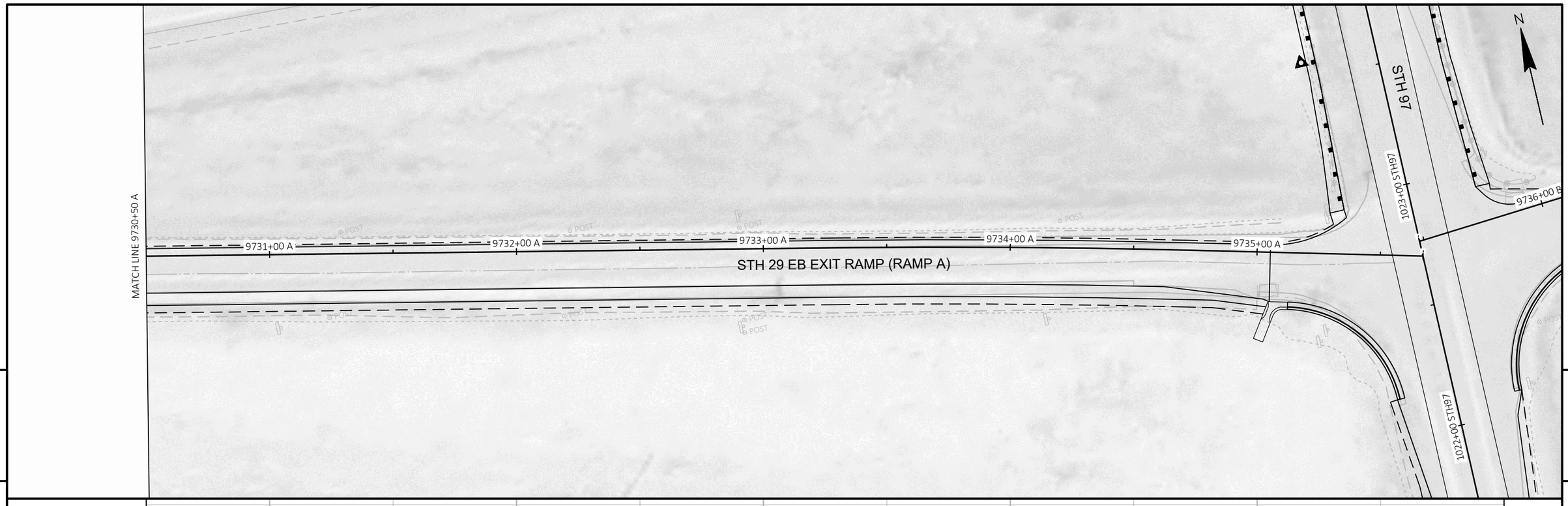
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CTH H	SHEET 238	E

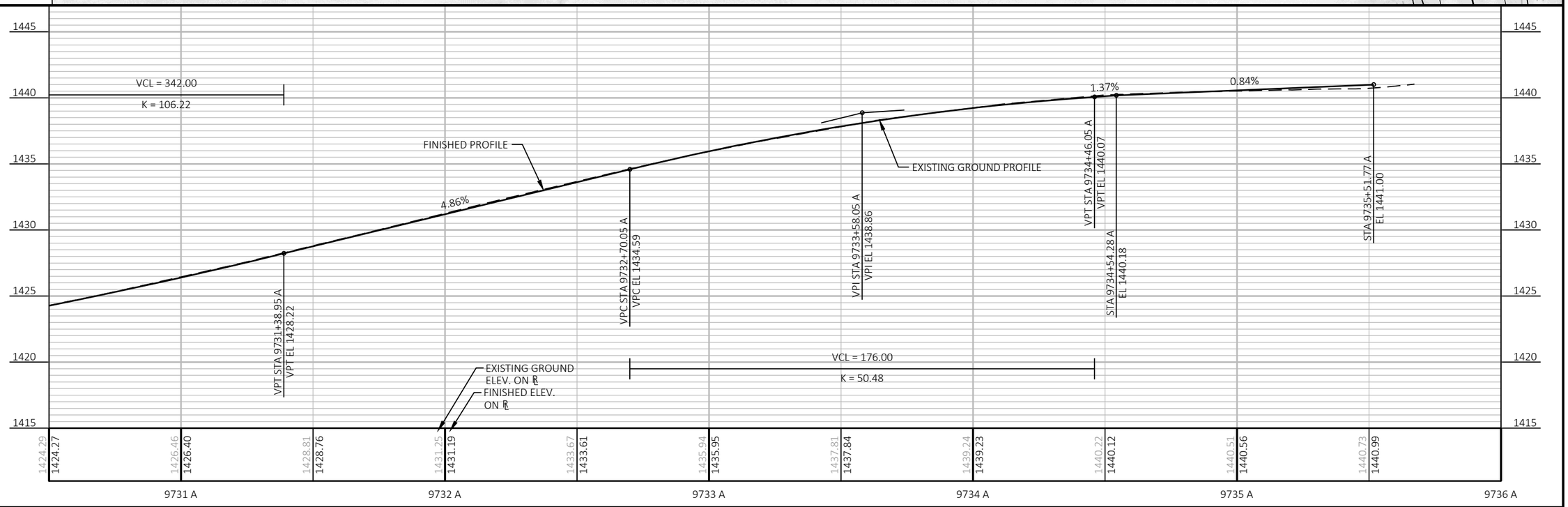
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050301-PP.DWG
LAYOUT NAME - 050302-pp
PLOT DATE : 8/7/2025 10:46 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 239	E

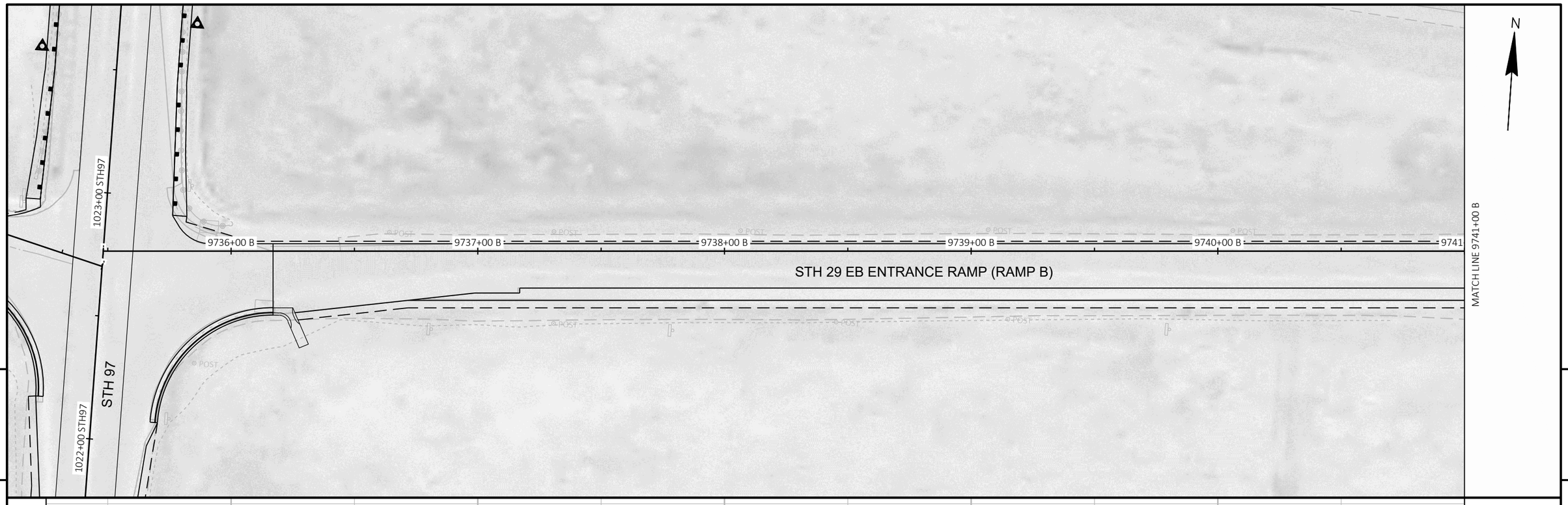
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-A
PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

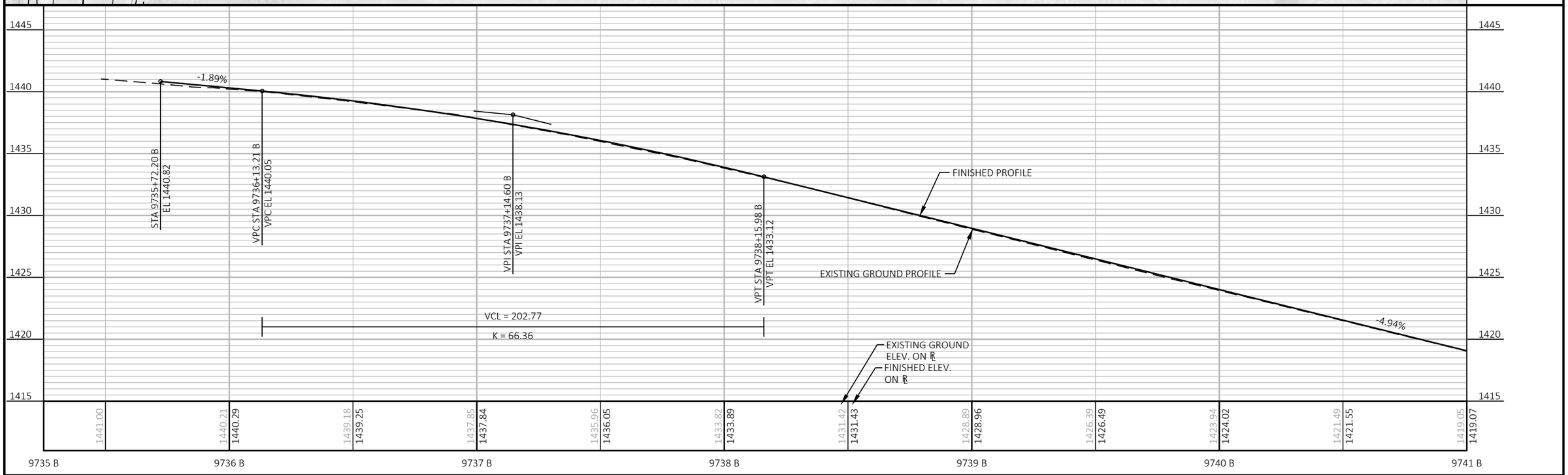




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 240	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-A
PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 241	E

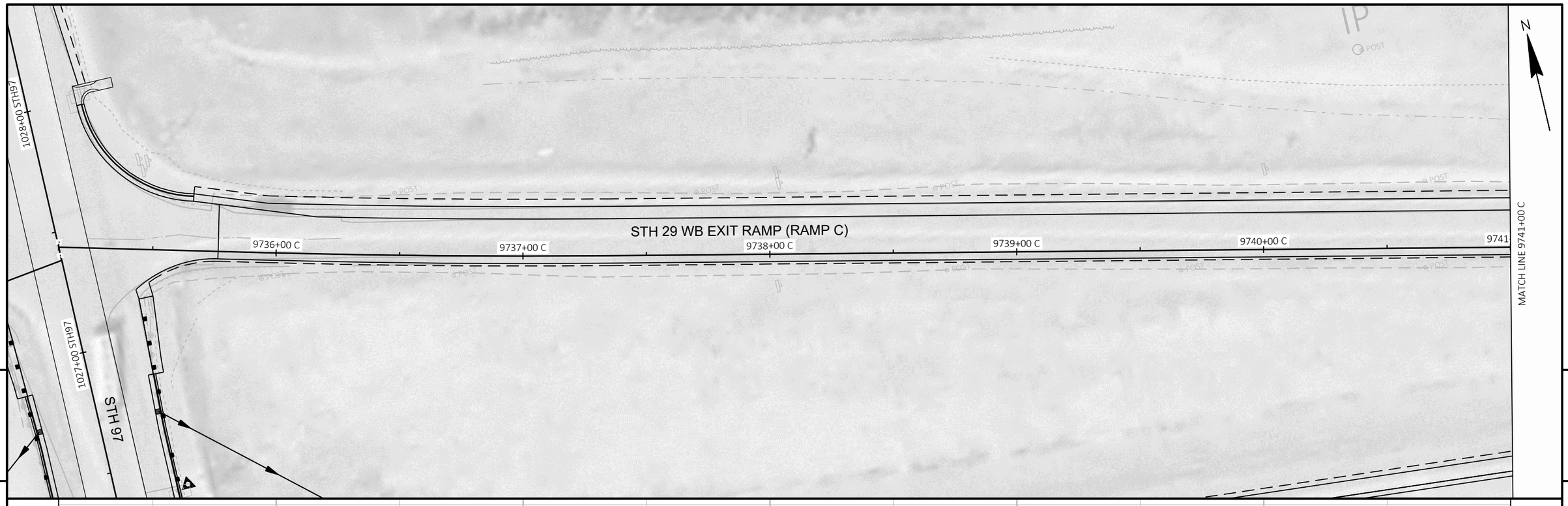
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-B
PLOT DATE : 6/26/2025 12:35 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

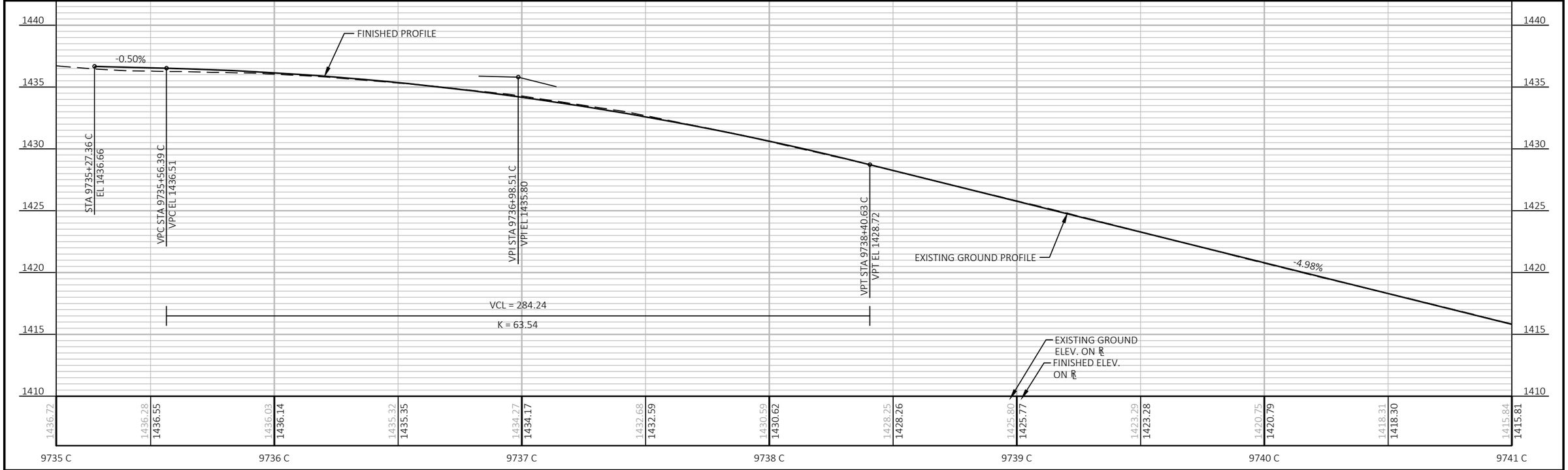
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 242	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-B

PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

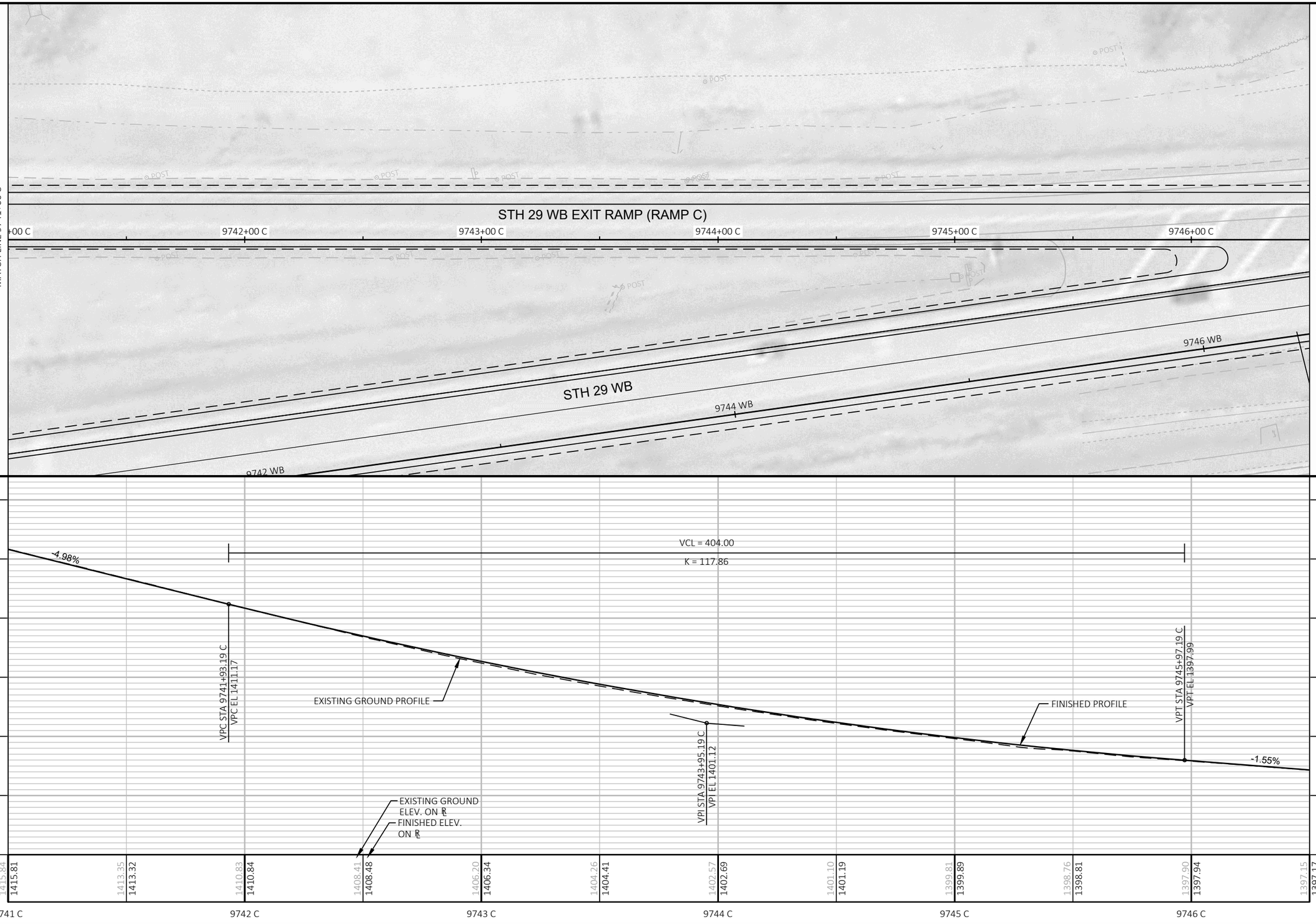
WISDOT/CADDS SHEET 44





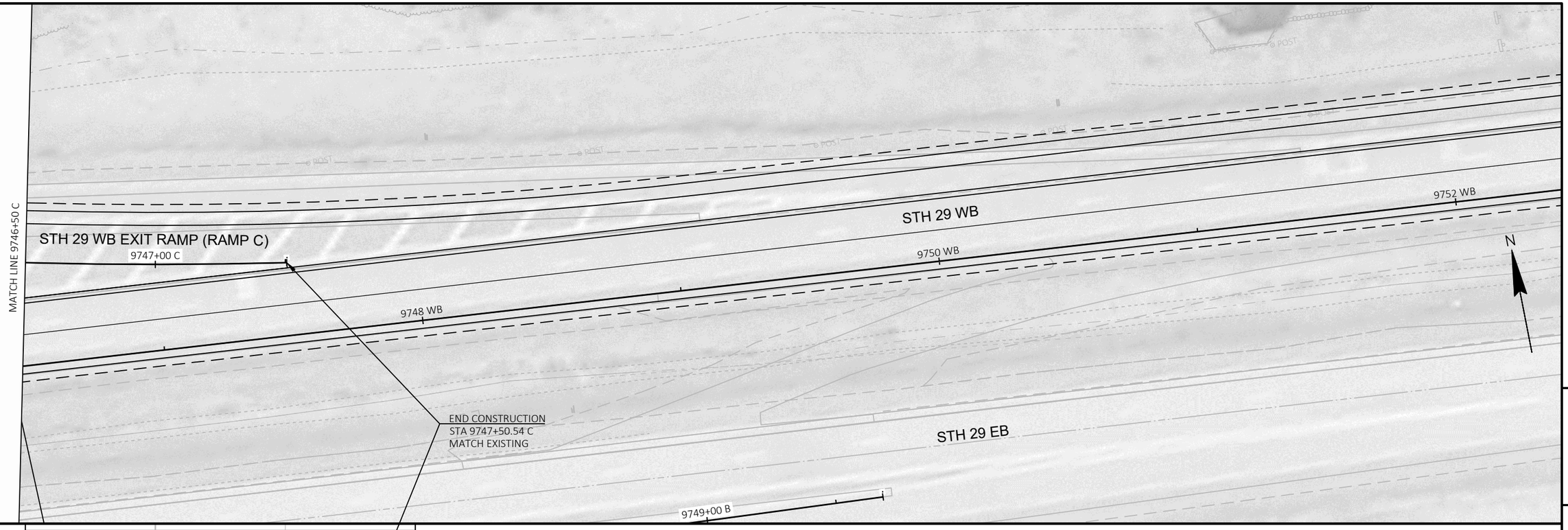
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 243	E

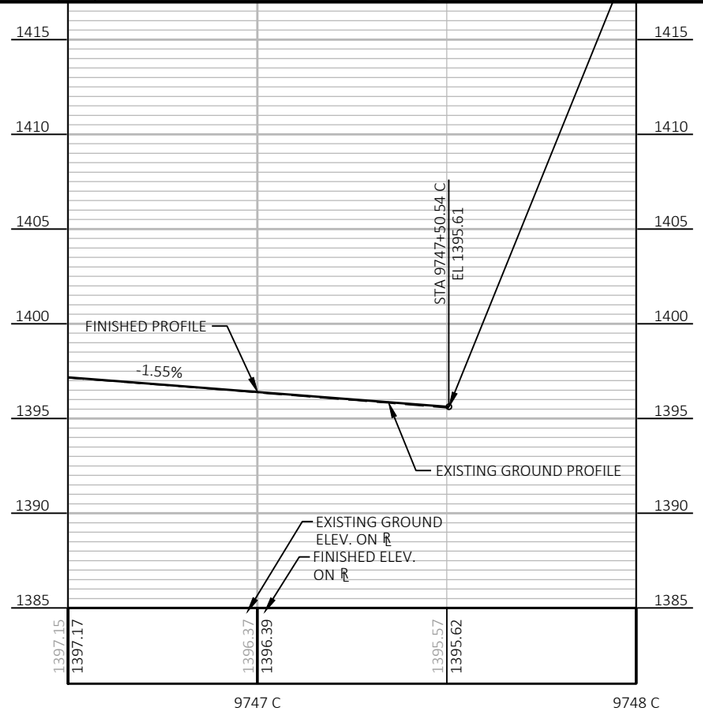
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-C
PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



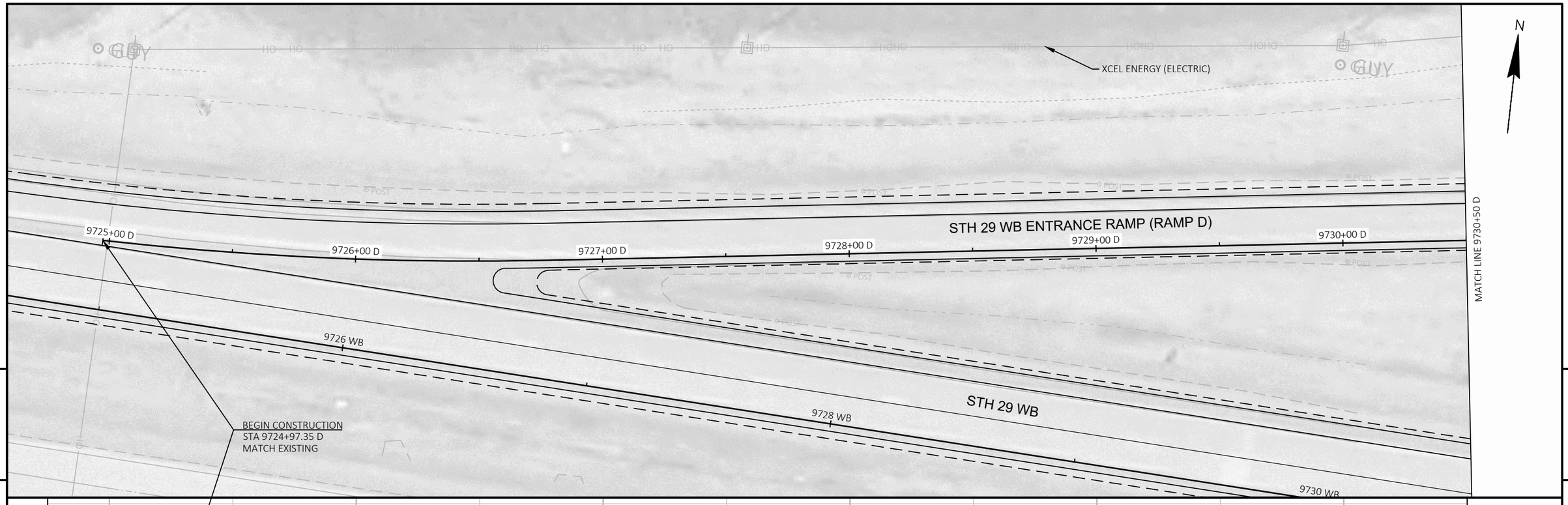
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 244	E

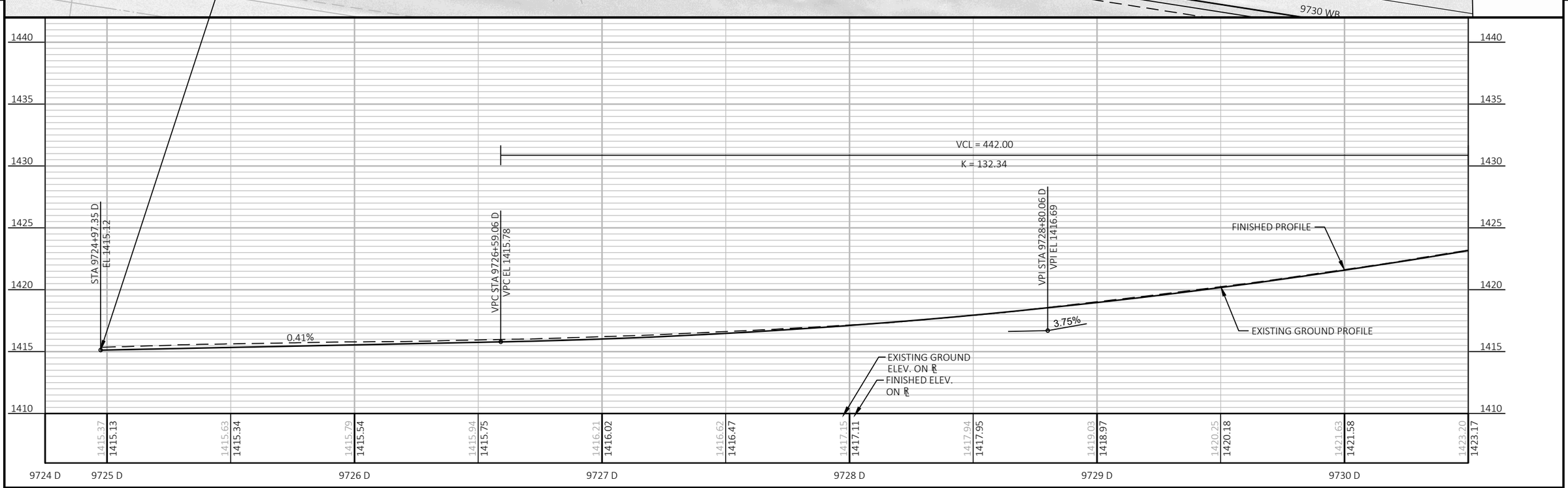
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-C
PLOT DATE : 6/26/2025 12:35 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





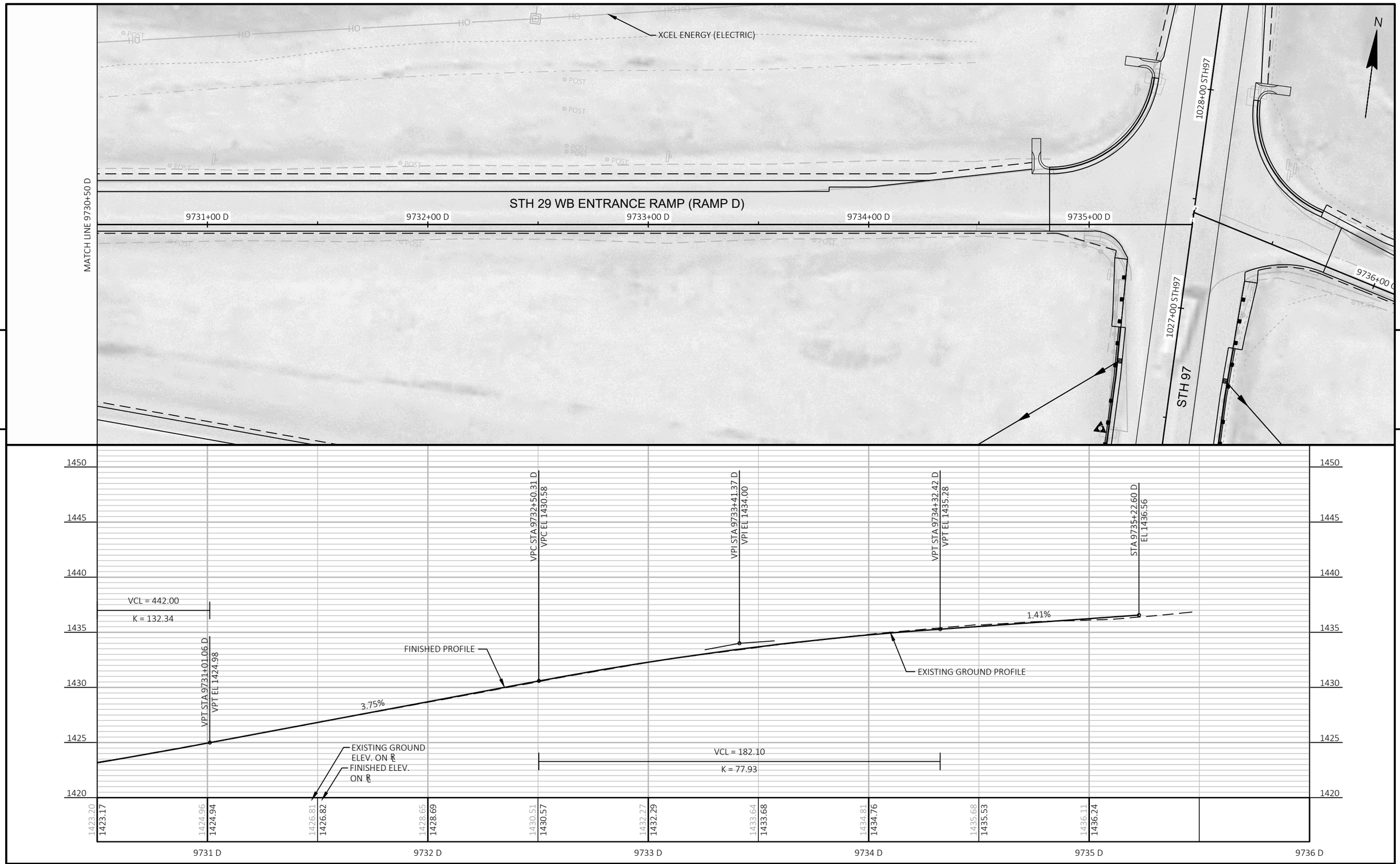
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 245	E





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 246	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-D
PLOT DATE : 6/27/2025 12:36 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 247	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-D

PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

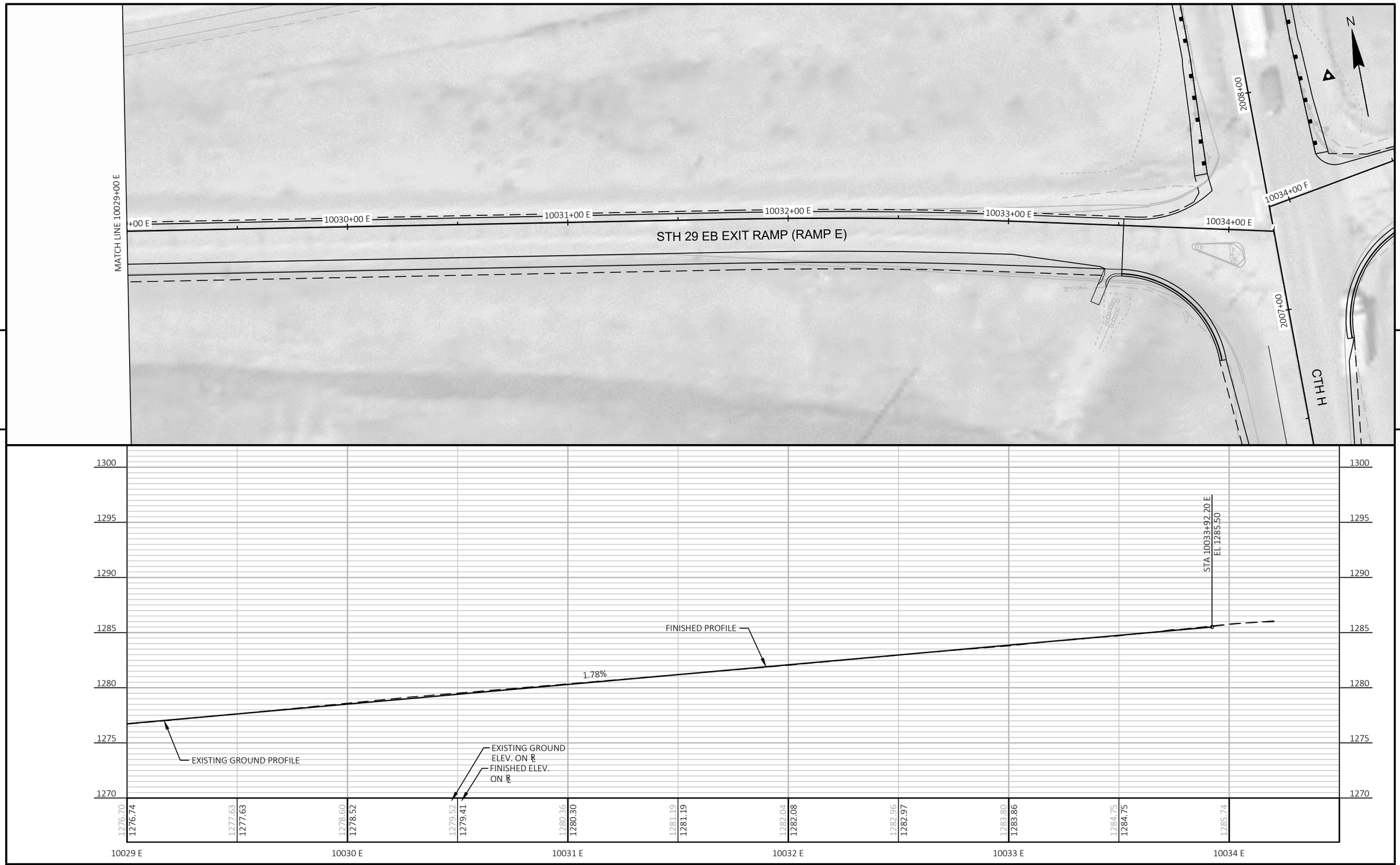
WISDOT/CADDS SHEET 44

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 248	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-E

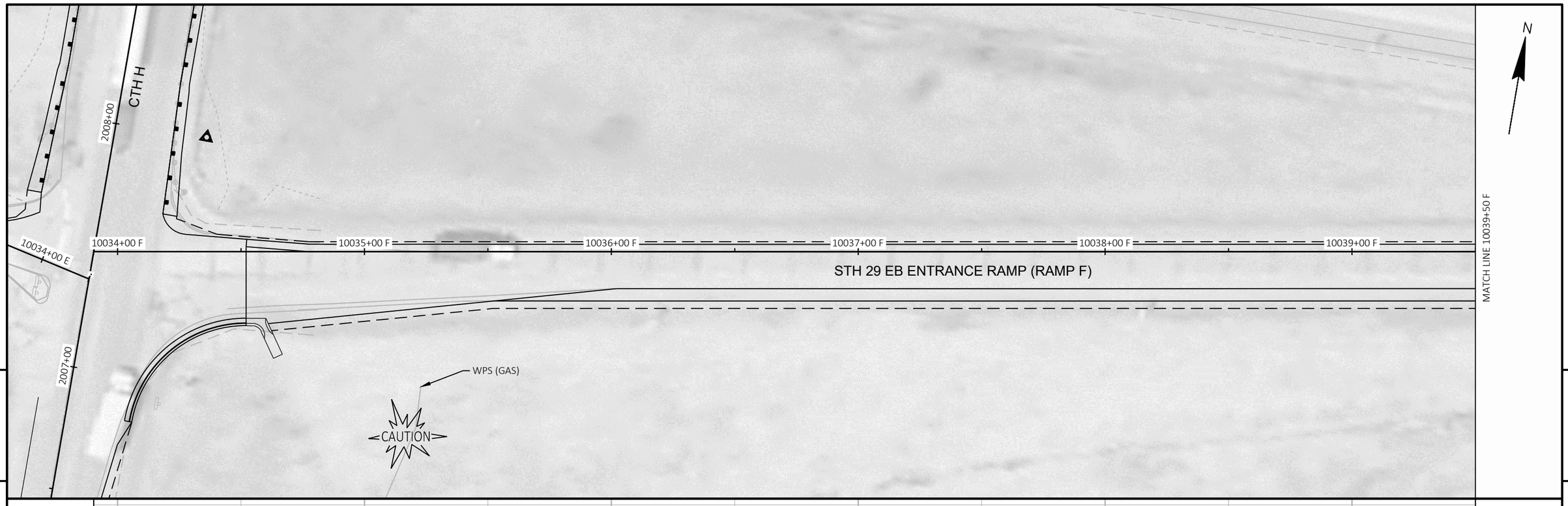
PLOT DATE : 6/27/2025 12:40 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

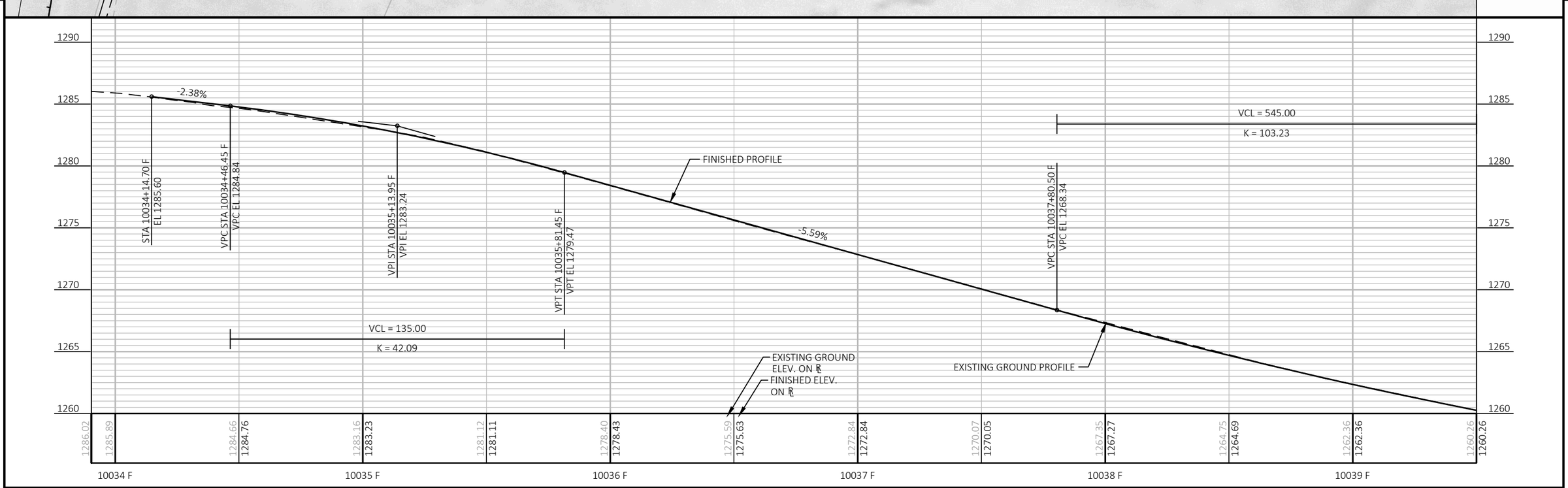
WISDOT/CADDS SHEET 44



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 249	E

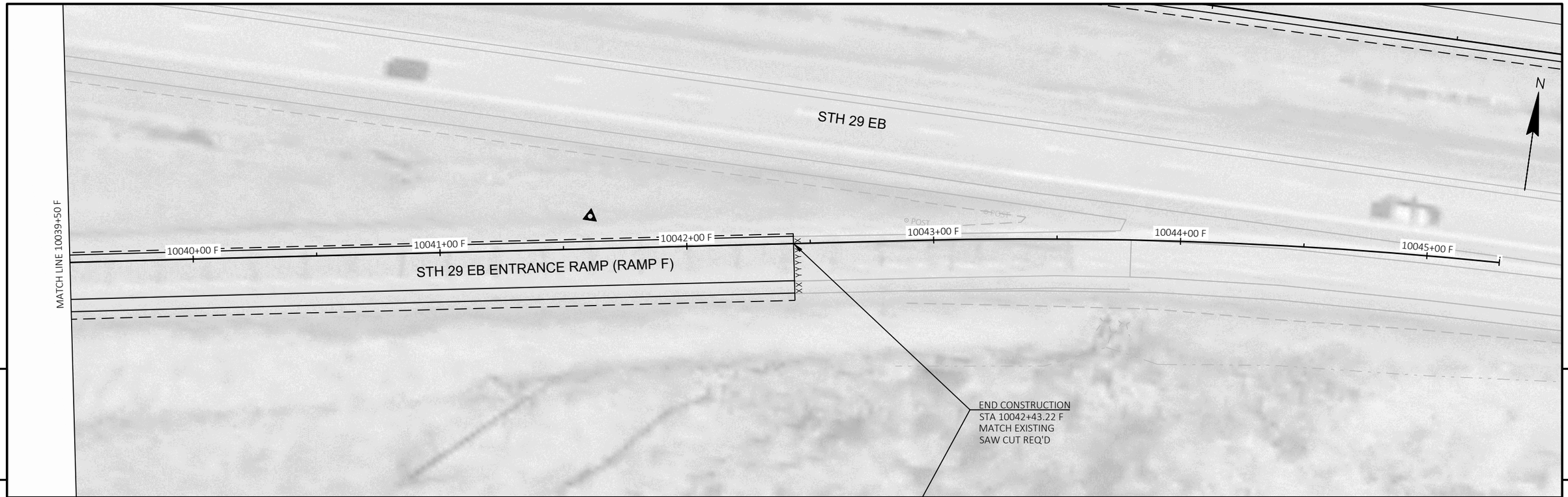
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-E
PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

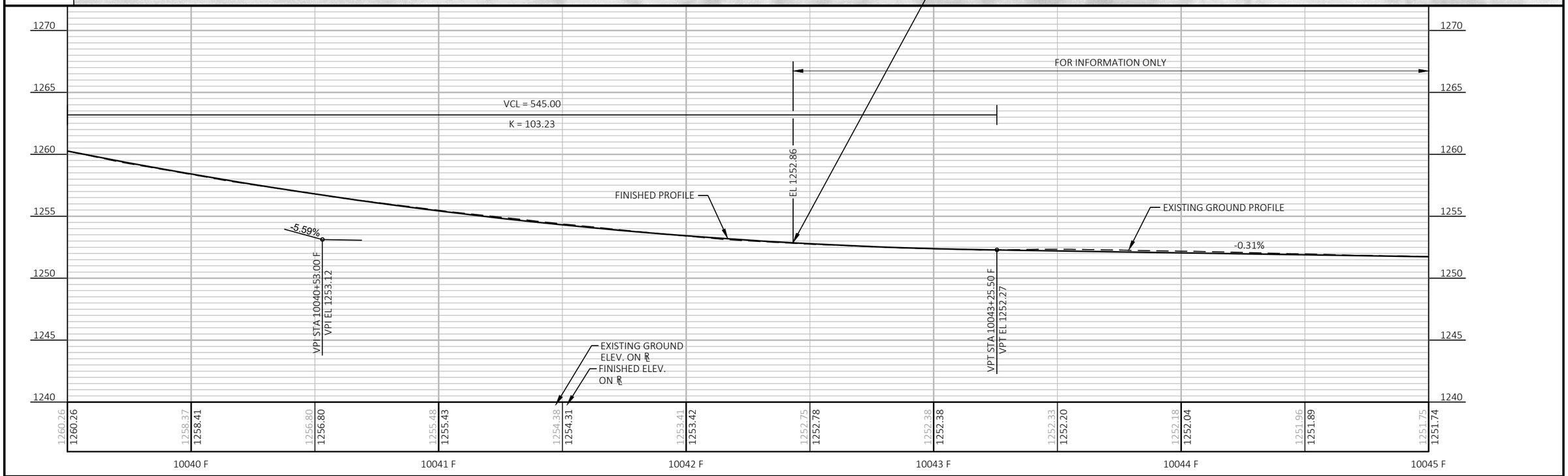




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 250	E

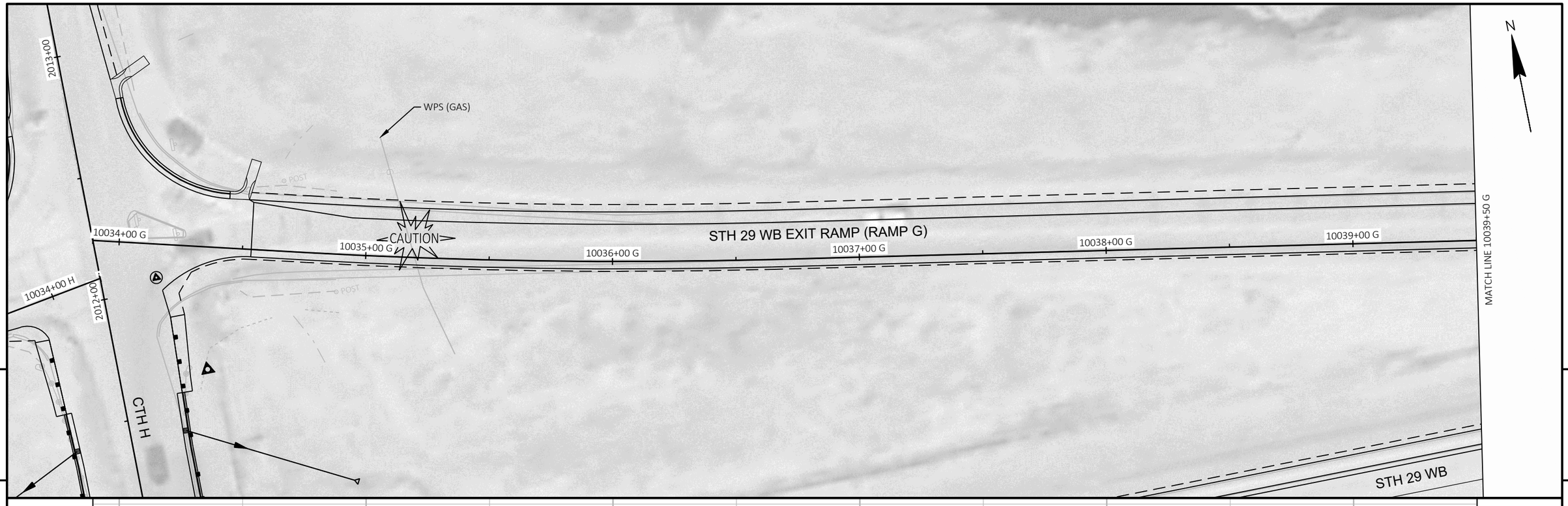
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-F
PLOT DATE : 6/26/2025 12:35 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

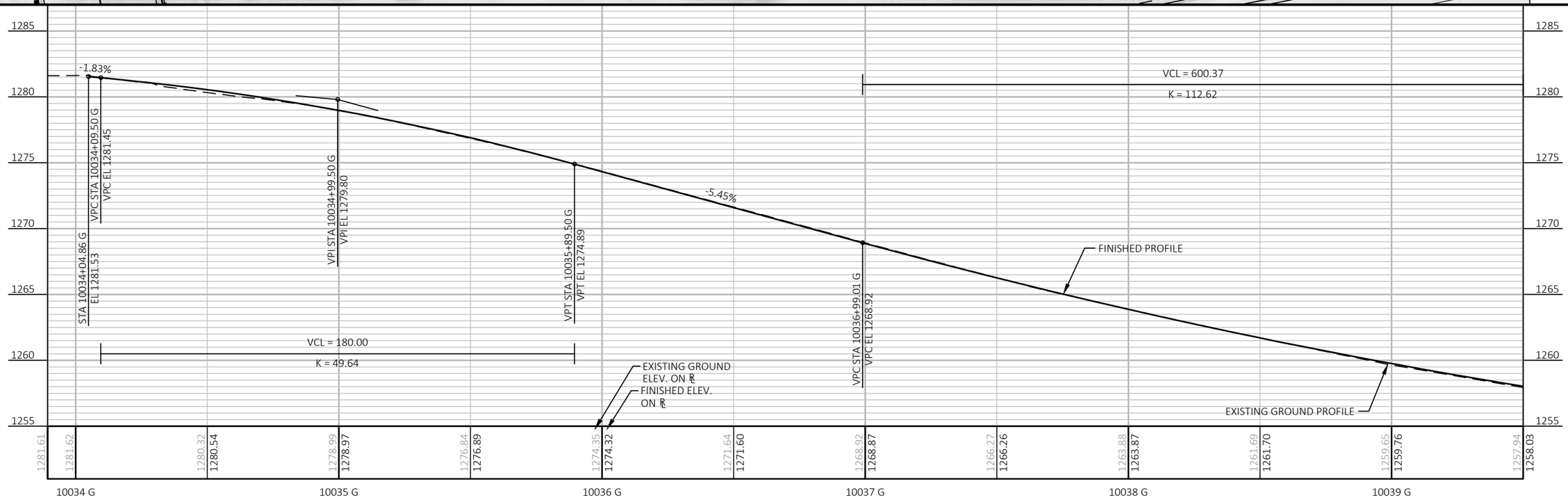




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 251	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-F
PLOT DATE : 6/27/2025 12:43 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



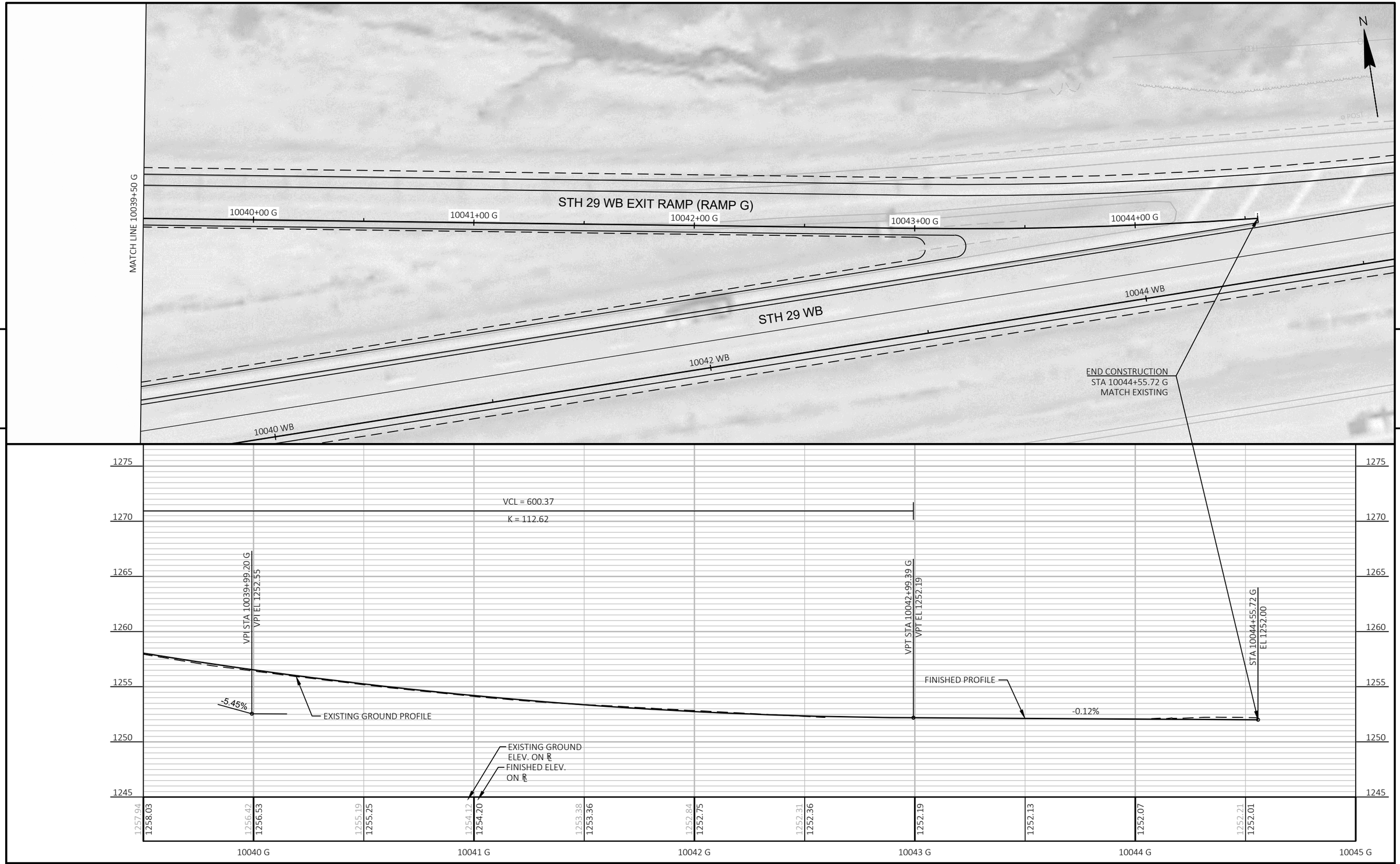


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 252	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-G

PLOT DATE : 6/26/2025 12:35 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

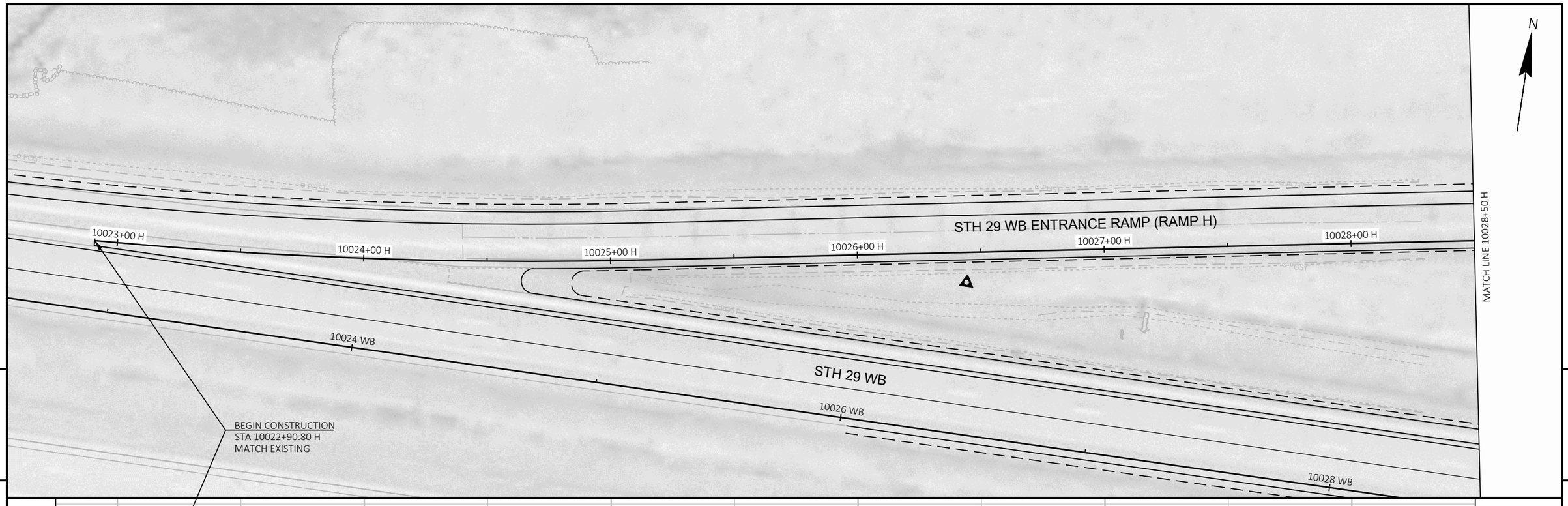


5

5

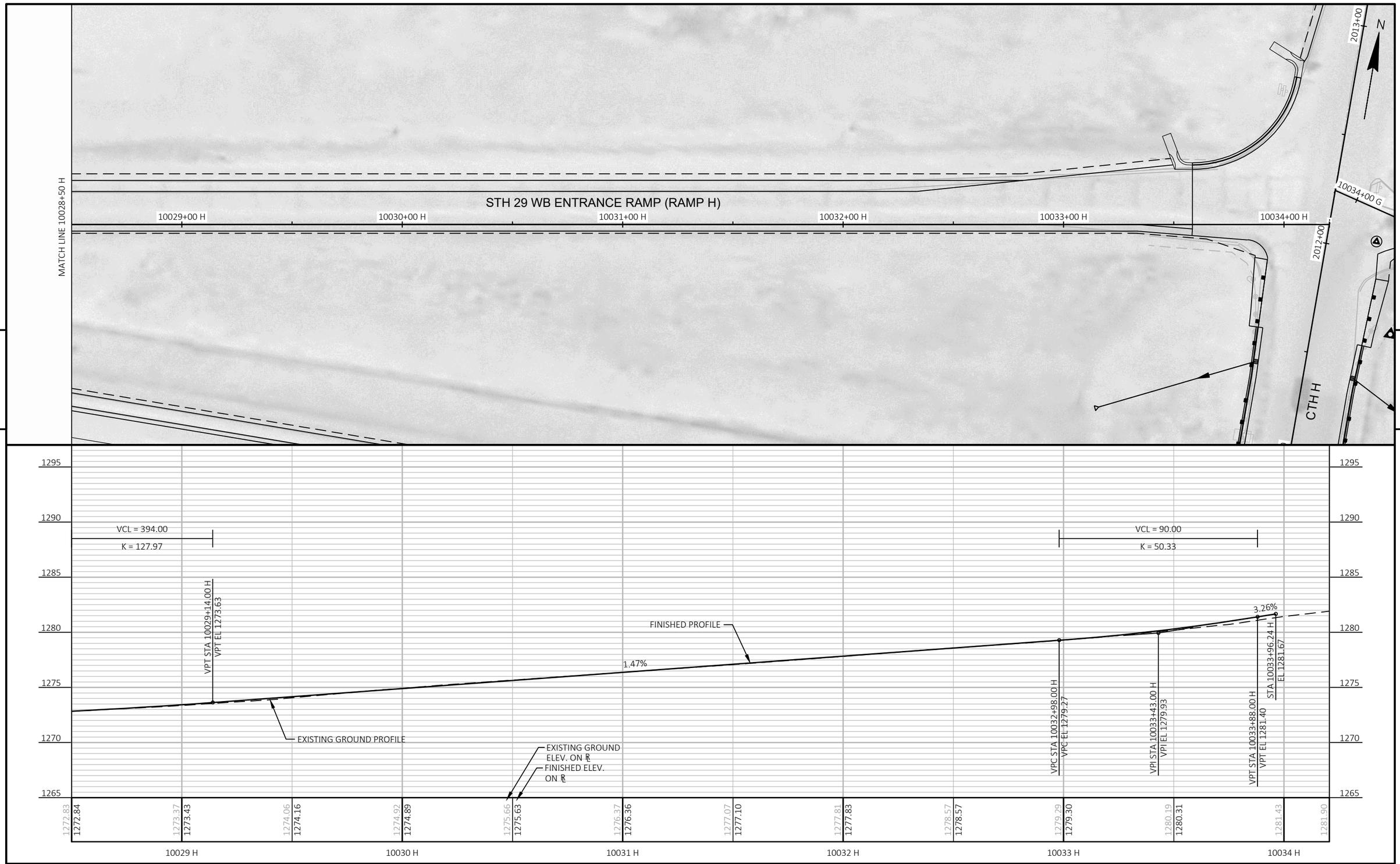
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 253	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-G
PLOT DATE : 6/27/2025 12:45 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



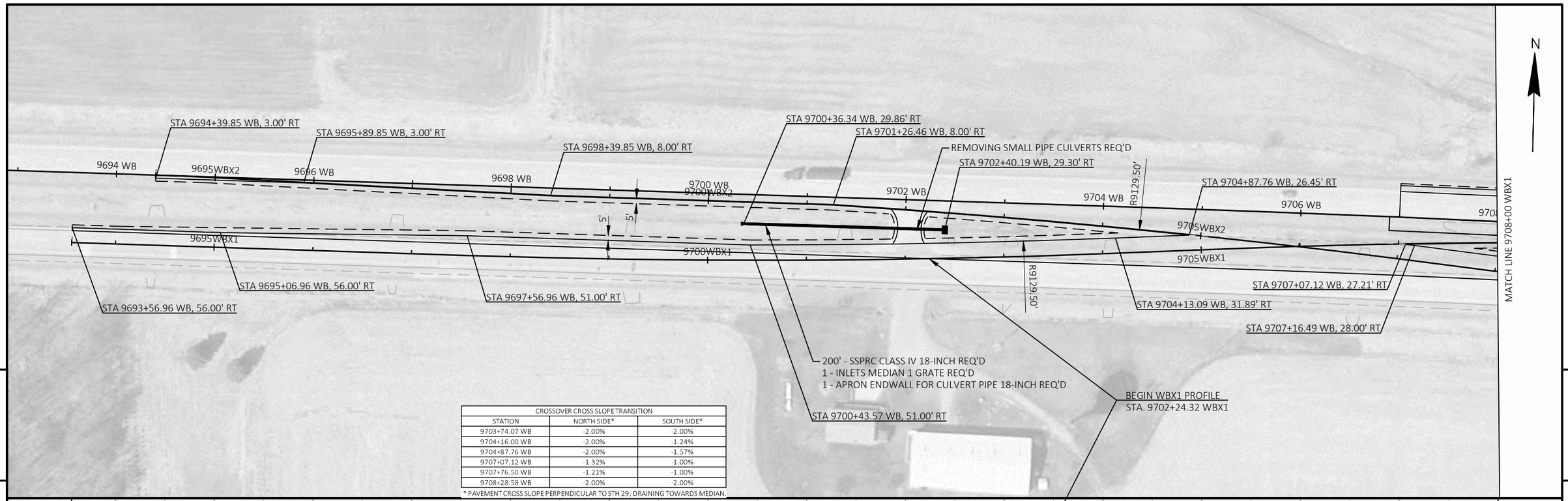
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 254	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050401-pp-H
PLOT DATE : 6/27/2025 12:45 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



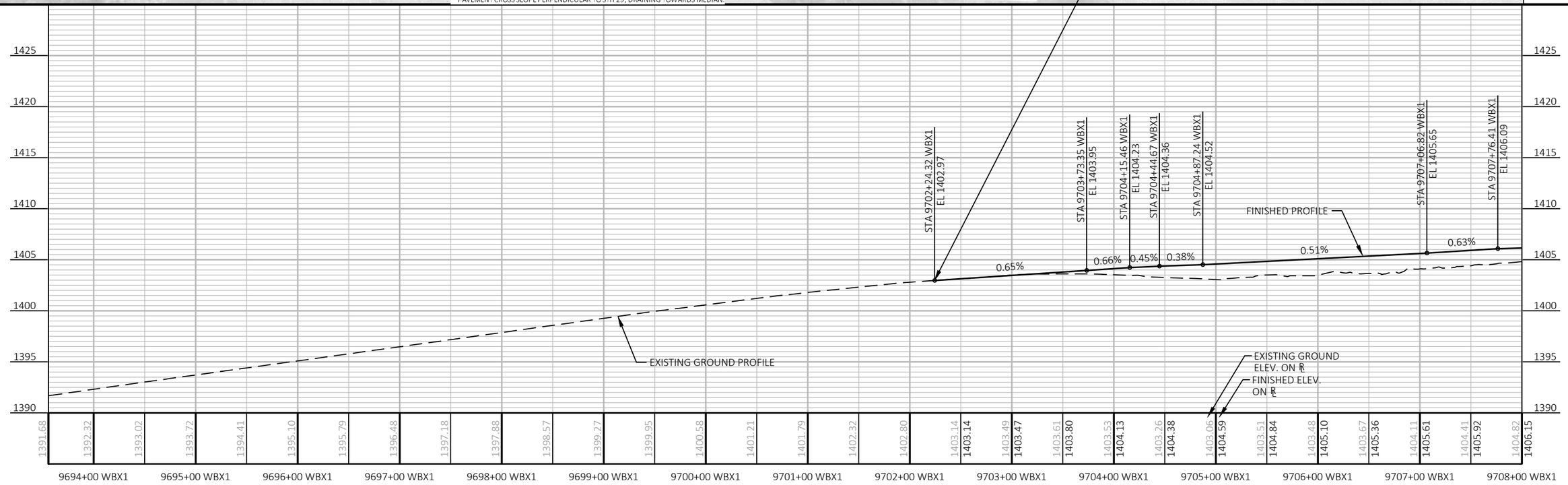
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: RAMPS	SHEET 255	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050401-PP.DWG
LAYOUT NAME - 050402-pp-H
PLOT DATE : 6/26/2025 12:36 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



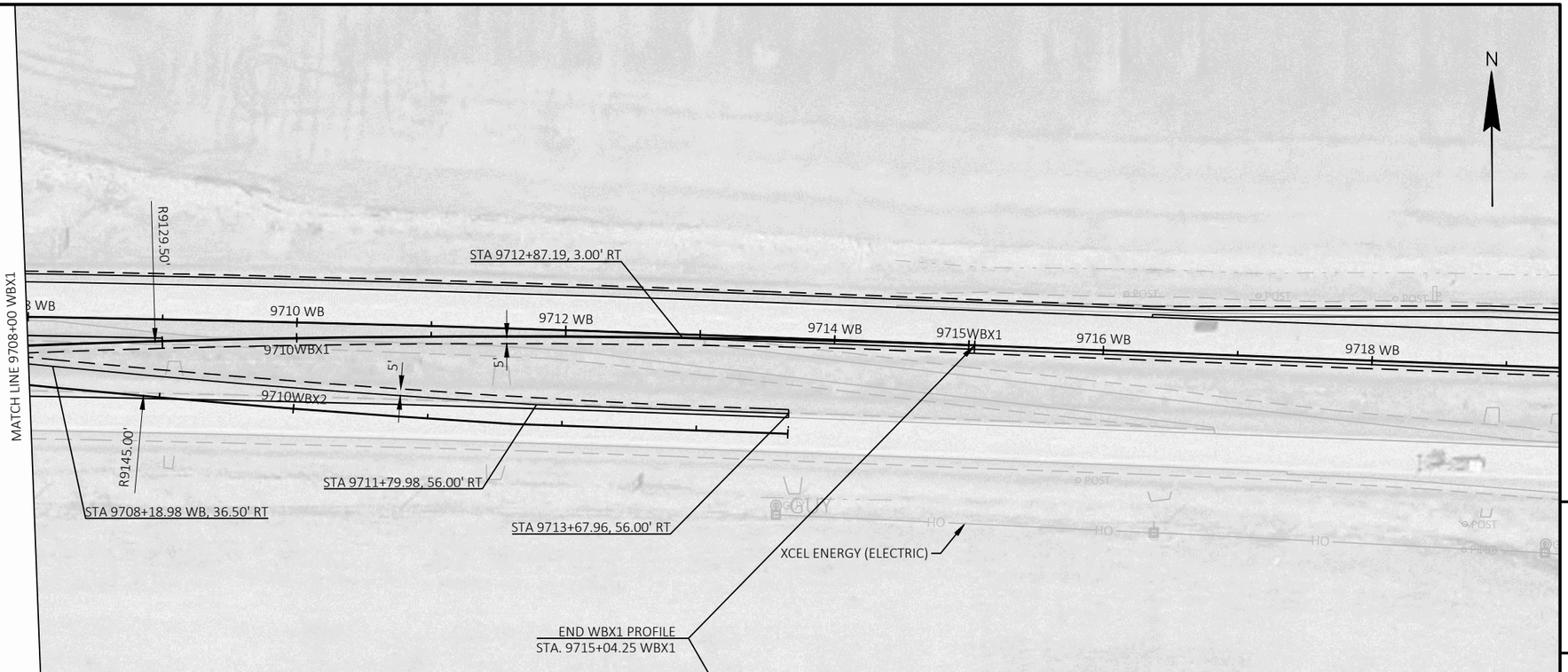
CROSSOVER CROSS SLOPE TRANSITION		
STATION	NORTH SIDE*	SOUTH SIDE*
9703+74.07 WB	-2.00%	-2.00%
9704+16.00 WB	-2.00%	-1.24%
9704+87.76 WB	-2.00%	-1.57%
9707+07.12 WB	-1.32%	-1.00%
9707+76.50 WB	-1.21%	-1.00%
9708+28.58 WB	-2.00%	-2.00%

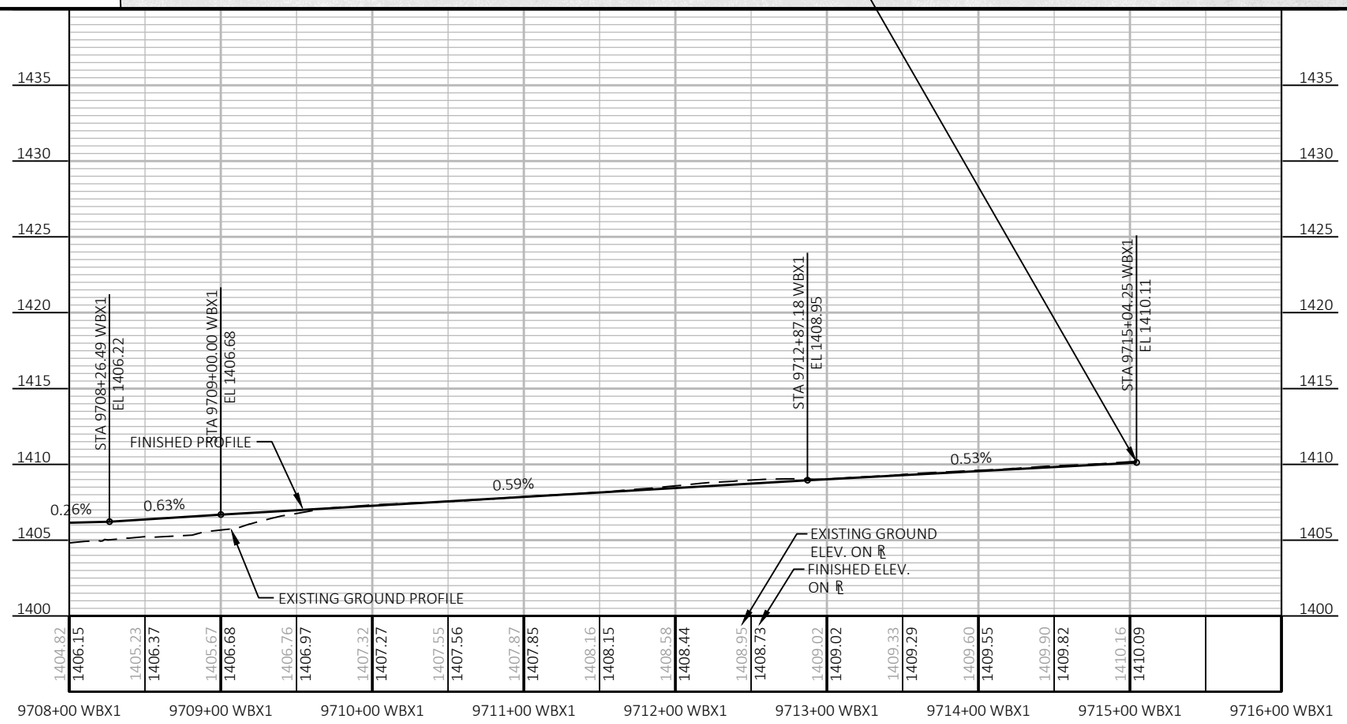
* PAVEMENT CROSS SLOPE PERPENDICULAR TO STH 29; DRAINING TOWARDS MEDIAN.



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 256	E

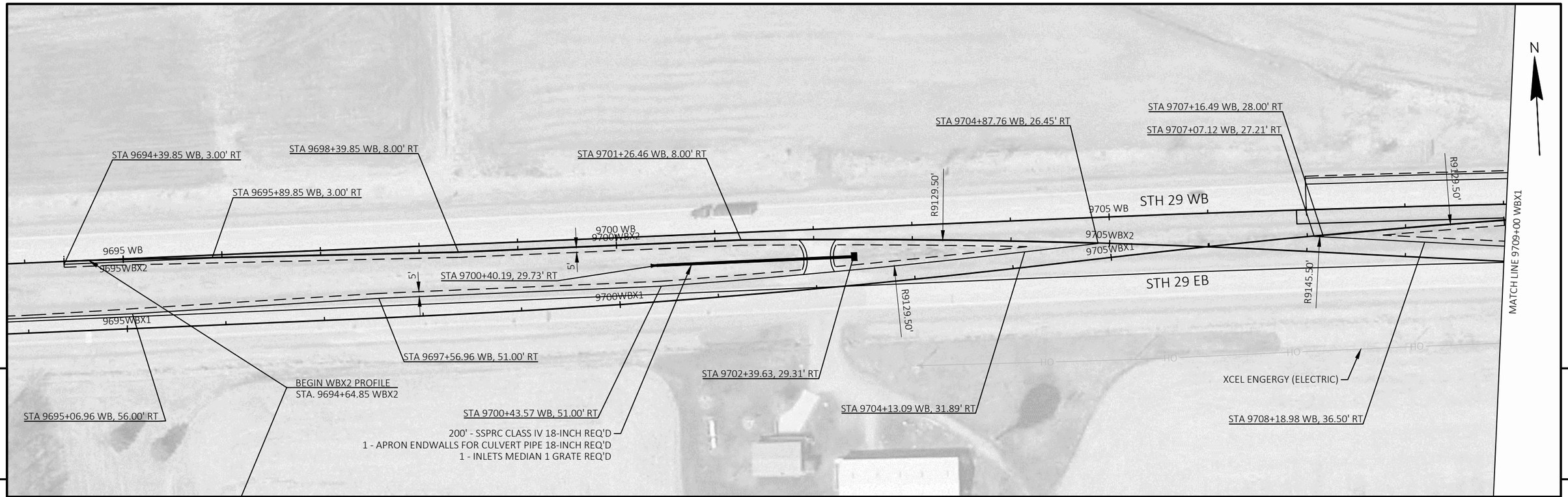
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050501-pp-WBX1
PLOT DATE : 8/7/2025 9:09 AM
PLOT BY : JACK, ROBERT A.
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

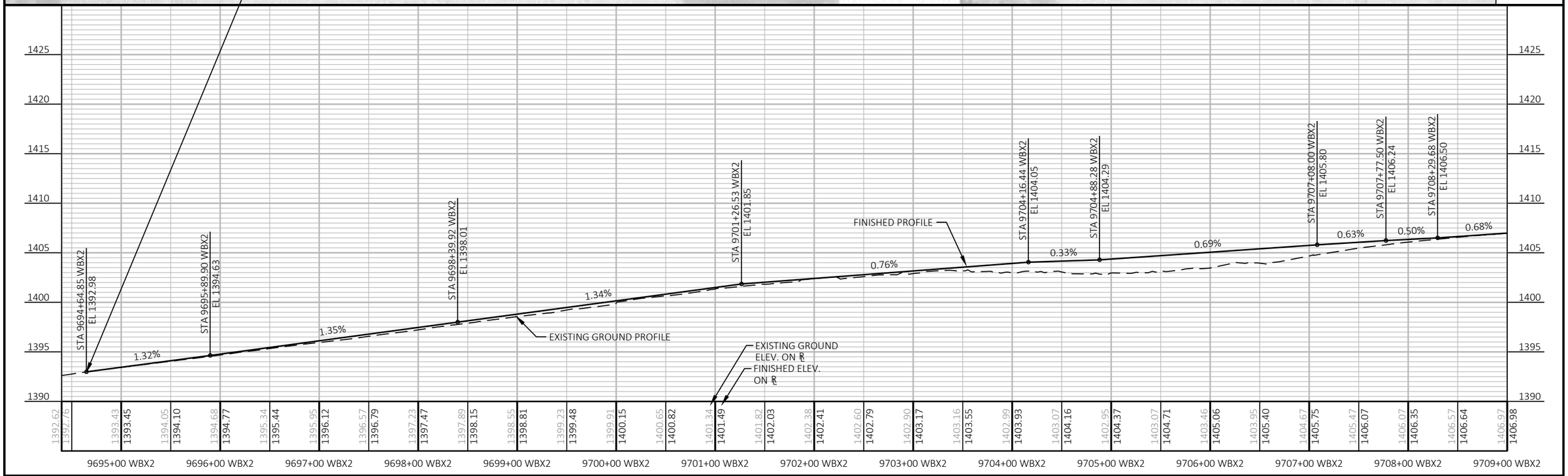




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 257 E

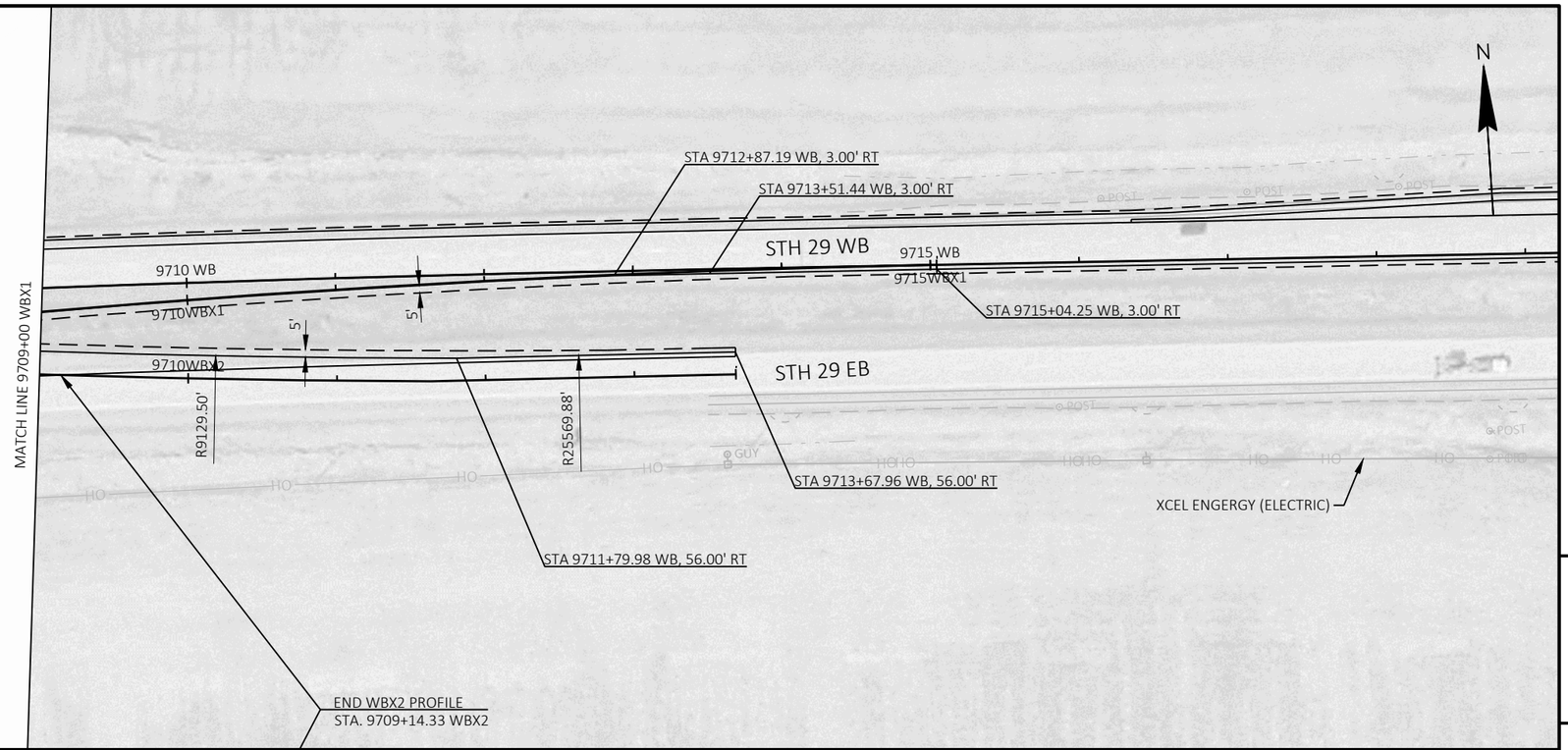
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050502-pp-WBX1
PLOT DATE : 6/26/2025 12:36 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

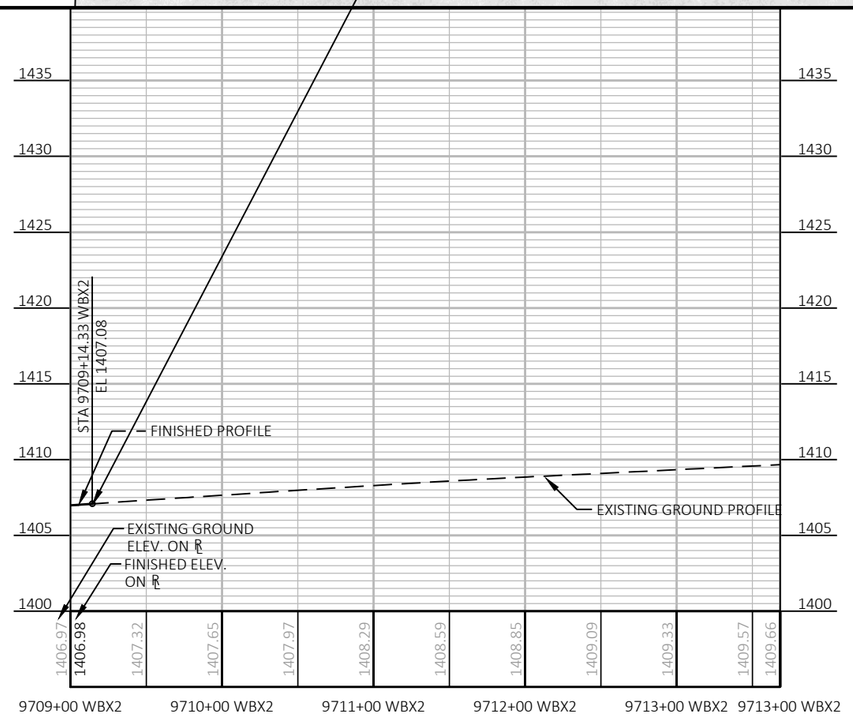




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 258	E

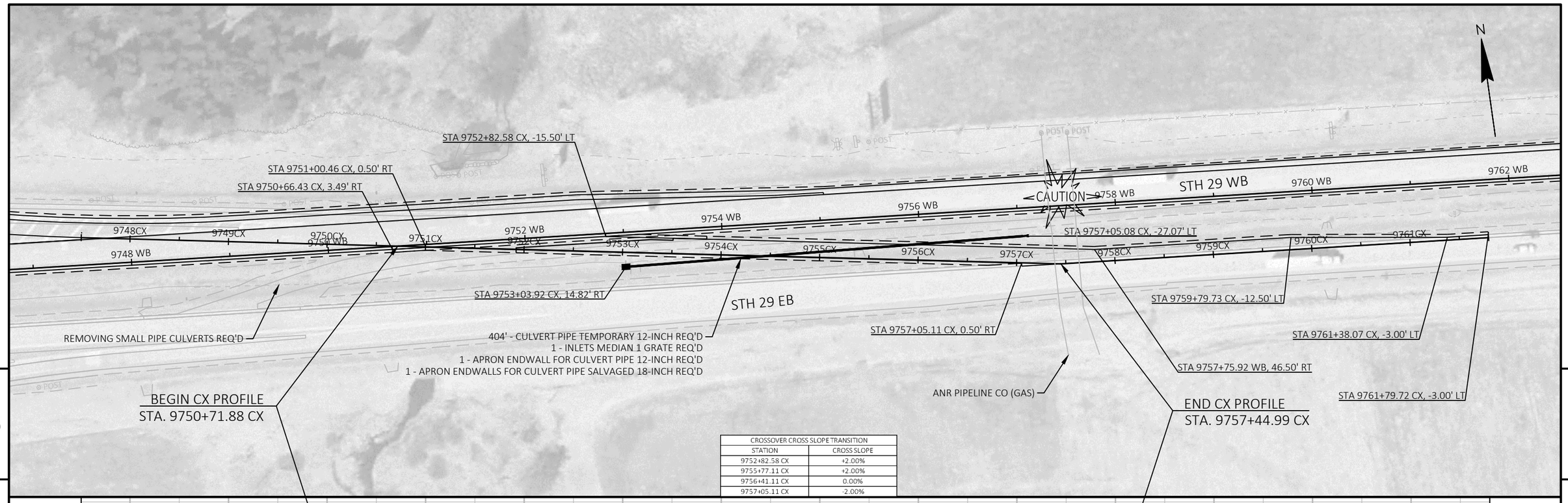
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050601-PP.DWG
LAYOUT NAME - 050501-pp-WBX2
PLOT DATE : 6/26/2025 12:37 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



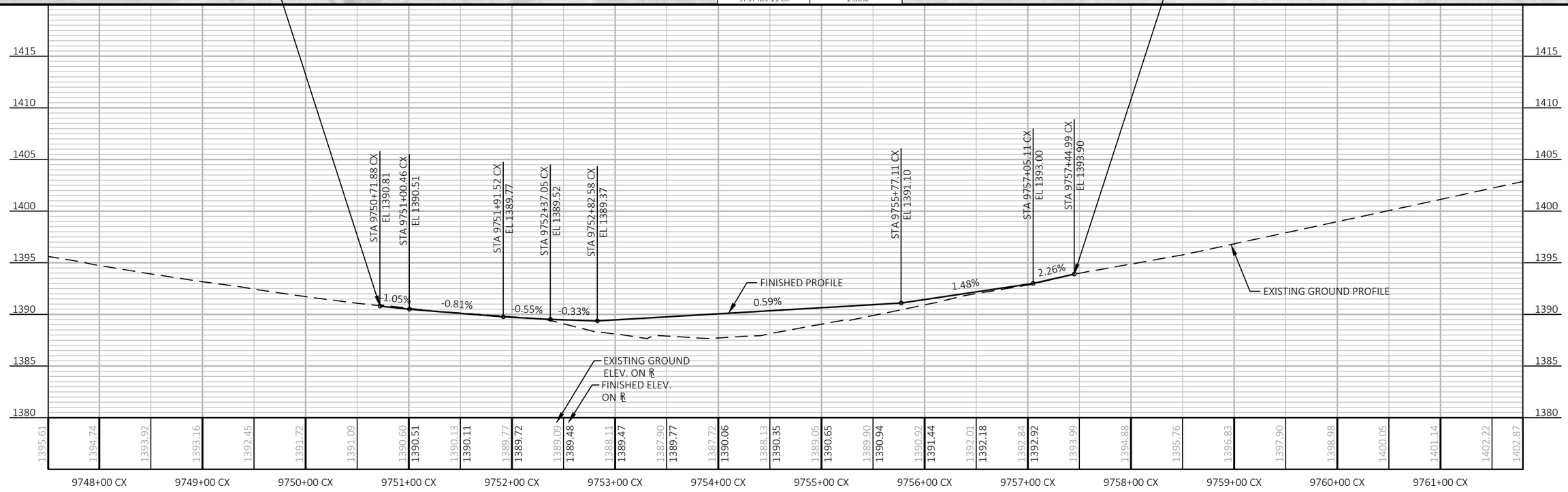


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 259	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050601-PP.DWG
LAYOUT NAME - 050502-pp-WBX2
PLOT DATE : 6/26/2025 12:37 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

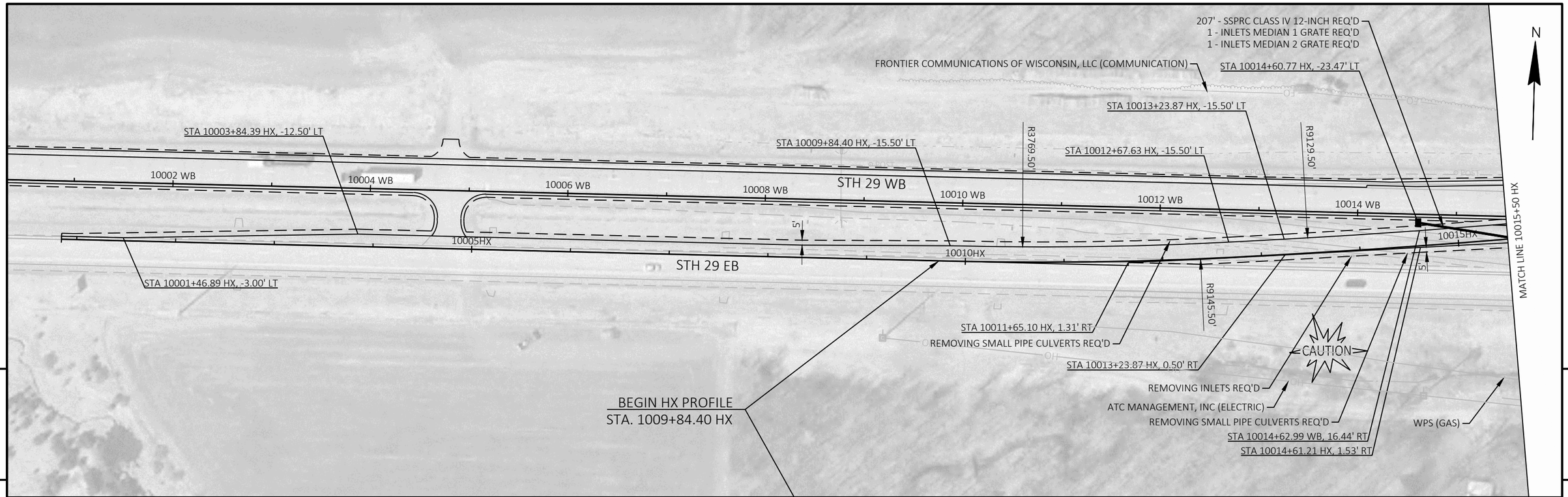


CROSSOVER CROSS SLOPE TRANSITION	
STATION	CROSS SLOPE
9752+82.58 CX	+2.00%
9755+77.11 CX	+2.00%
9756+41.11 CX	0.00%
9757+05.11 CX	-2.00%



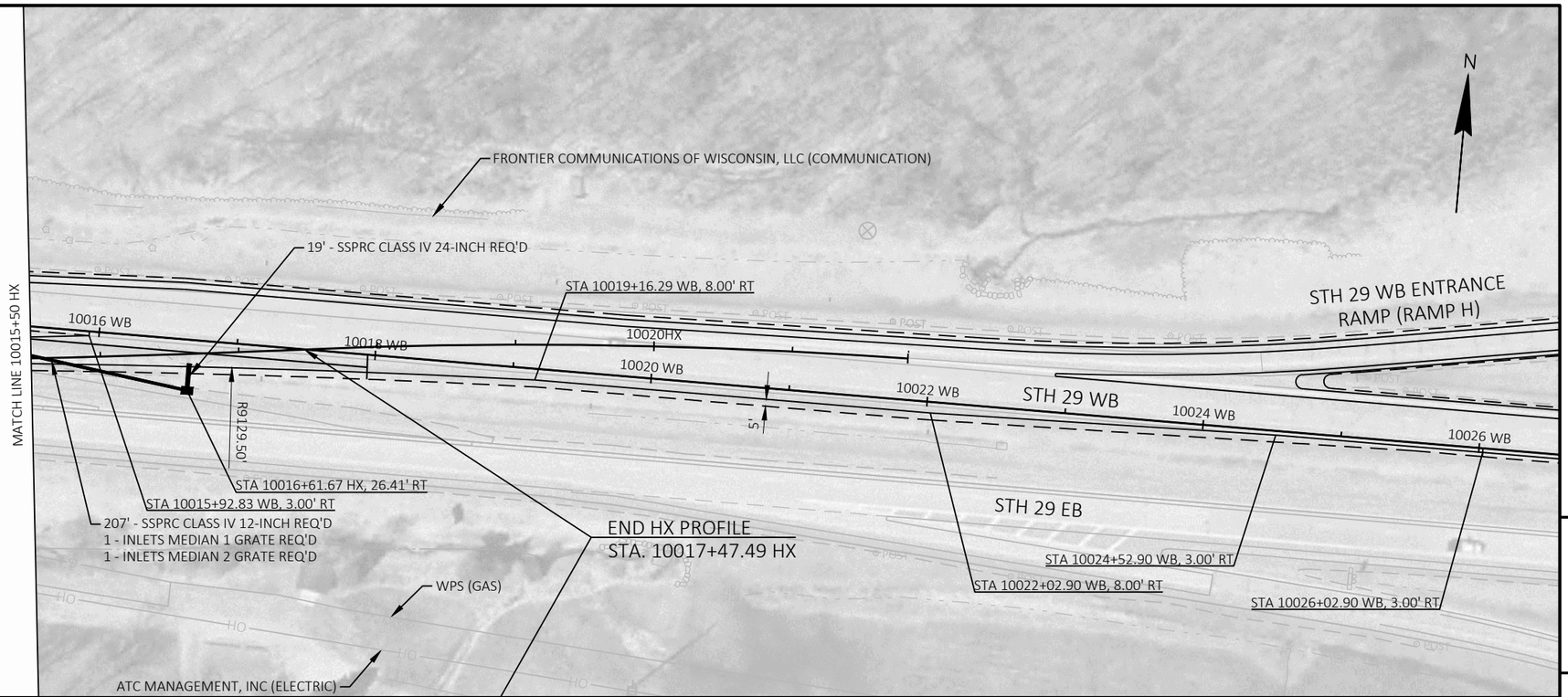
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 260	E

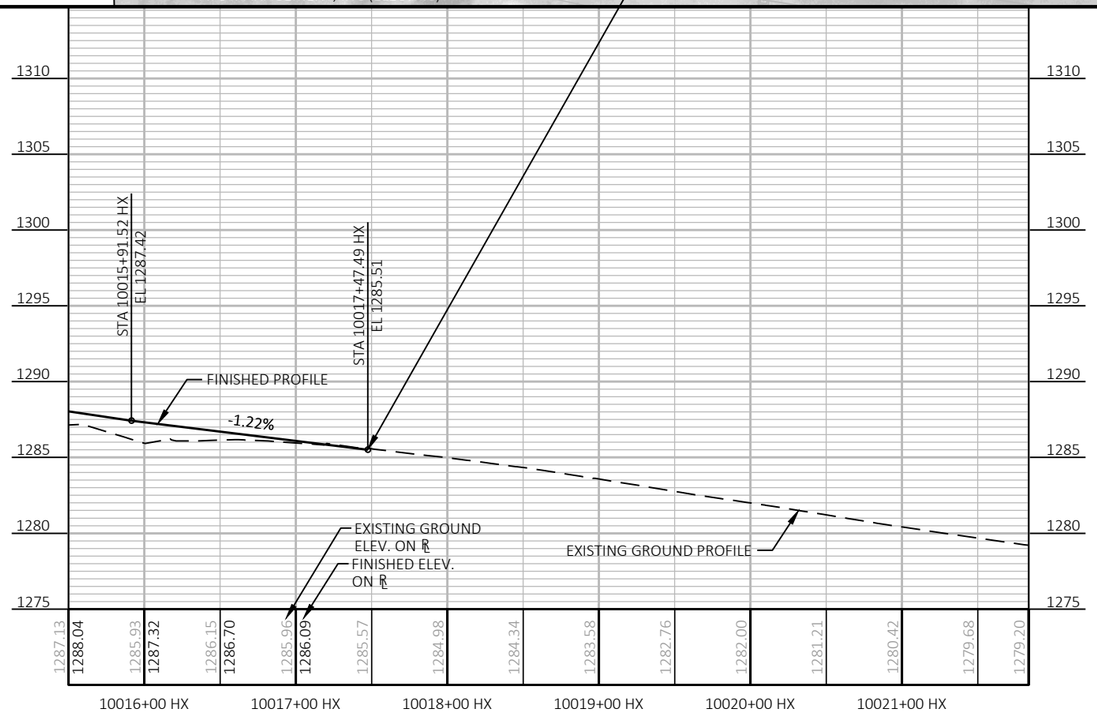
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050501-pp-CX
PLOT DATE : 6/27/2025 12:54 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



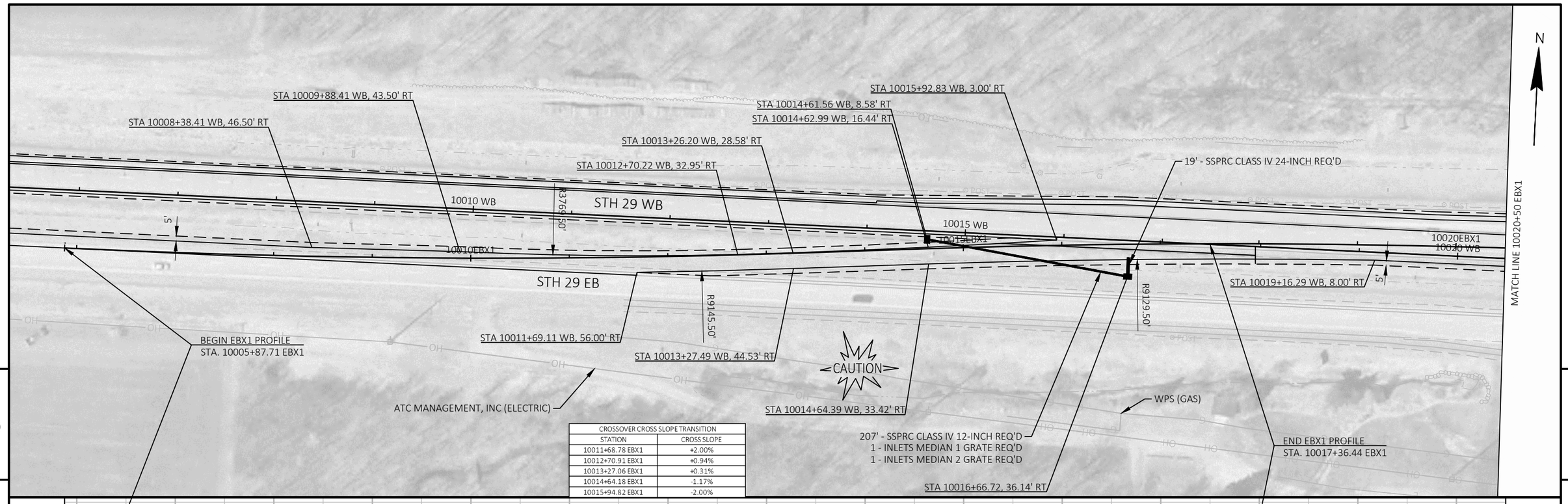
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 261 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050501-pp-HX
PLOT DATE : 6/26/2025 12:37 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

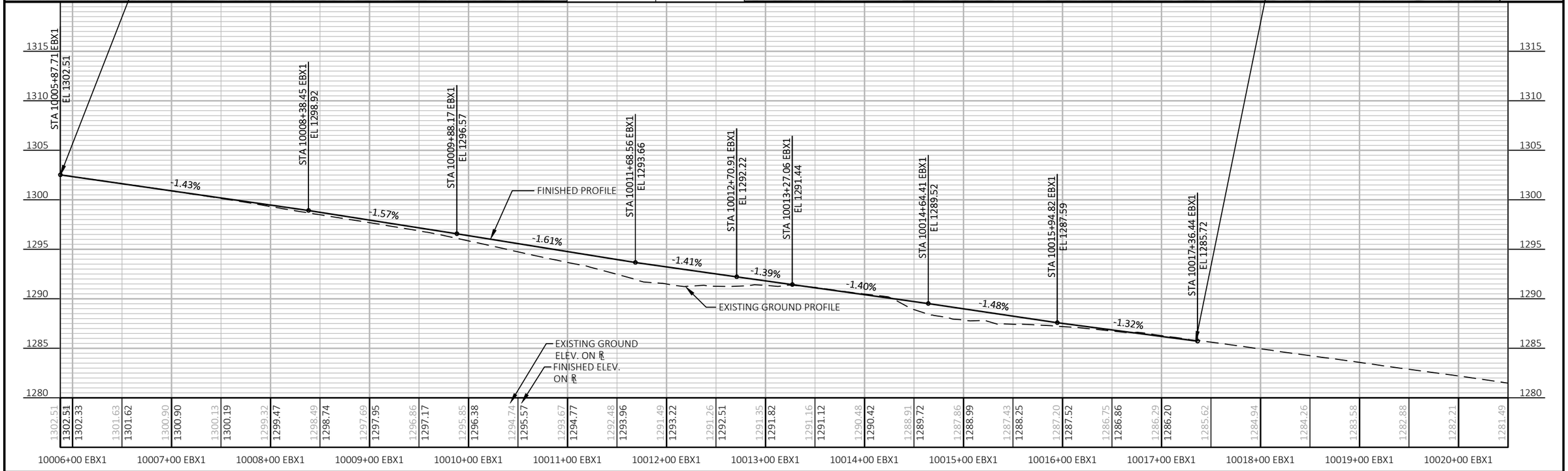




PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 262	E

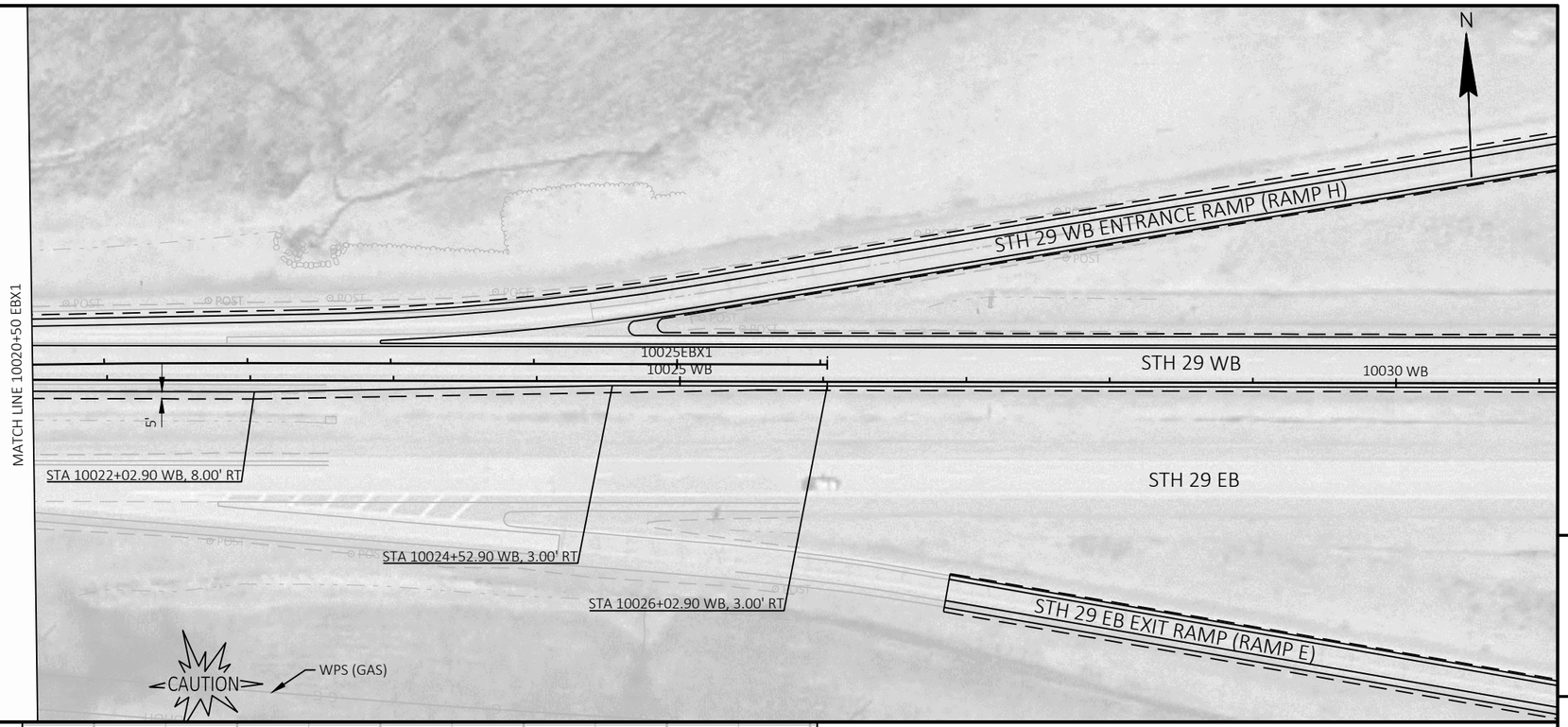


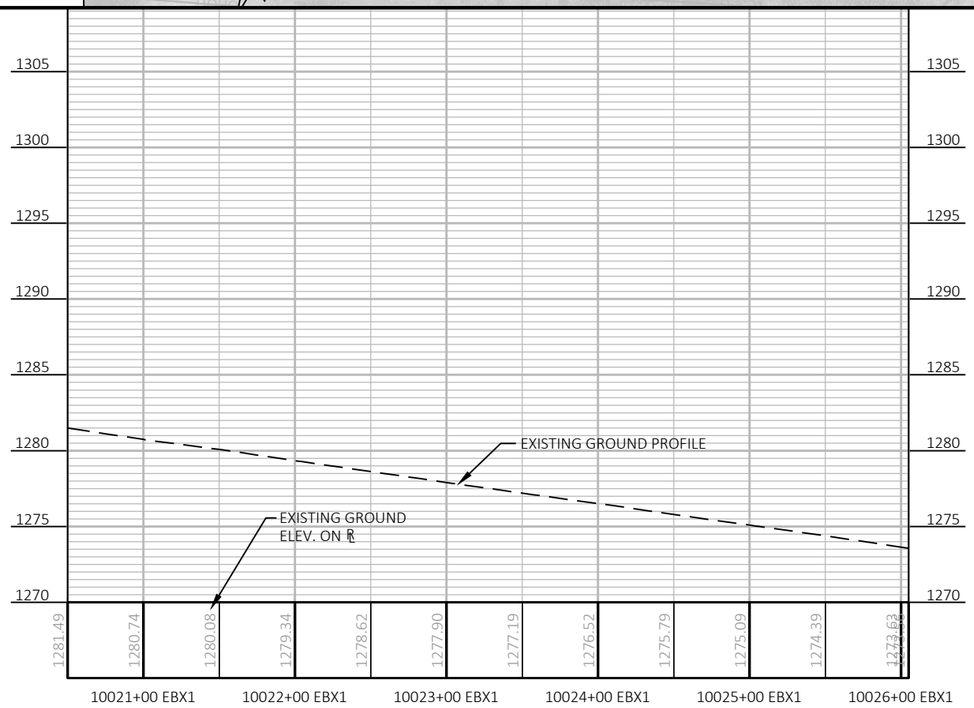
CROSSOVER CROSS SLOPE TRANSITION	
STATION	CROSS SLOPE
10011+68.78 EBX1	+2.00%
10012+70.91 EBX1	+0.94%
10013+27.06 EBX1	+0.31%
10014+64.18 EBX1	-1.17%
10015+94.82 EBX1	-2.00%



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 263	E

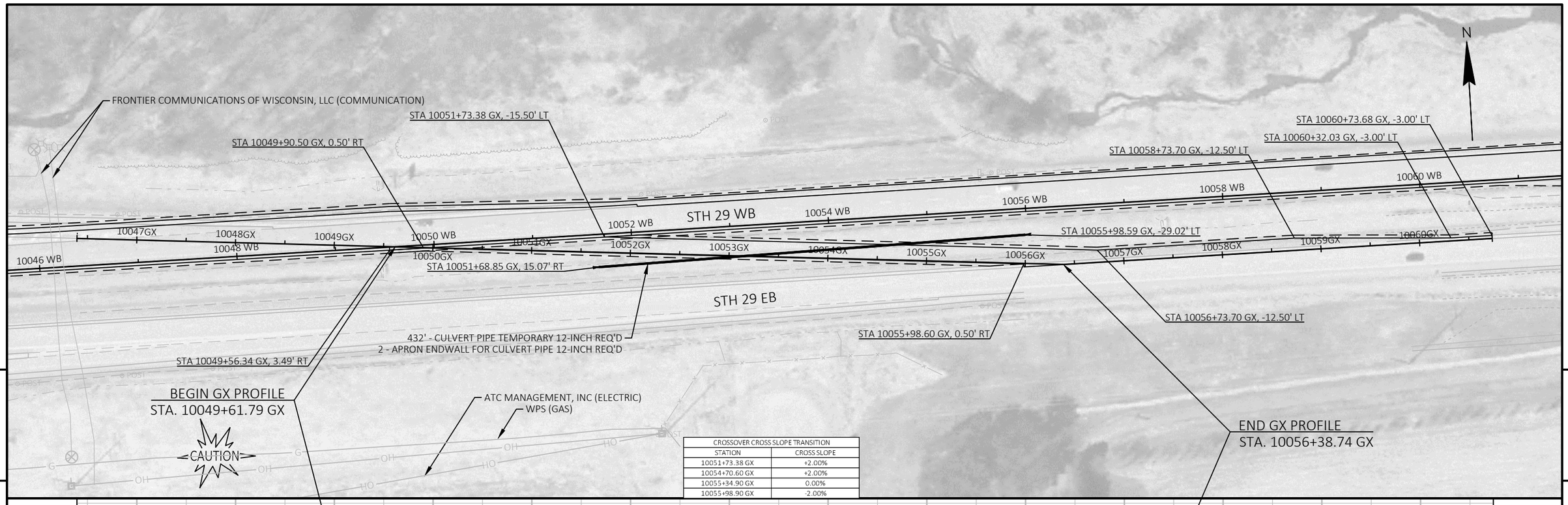
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050601-PP.DWG
LAYOUT NAME - 050501-pp-EBX1
PLOT DATE : 6/27/2025 12:58 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 264	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050601-PP.DWG
LAYOUT NAME - 050502-pp-EBX1
PLOT DATE : 6/26/2025 12:37 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

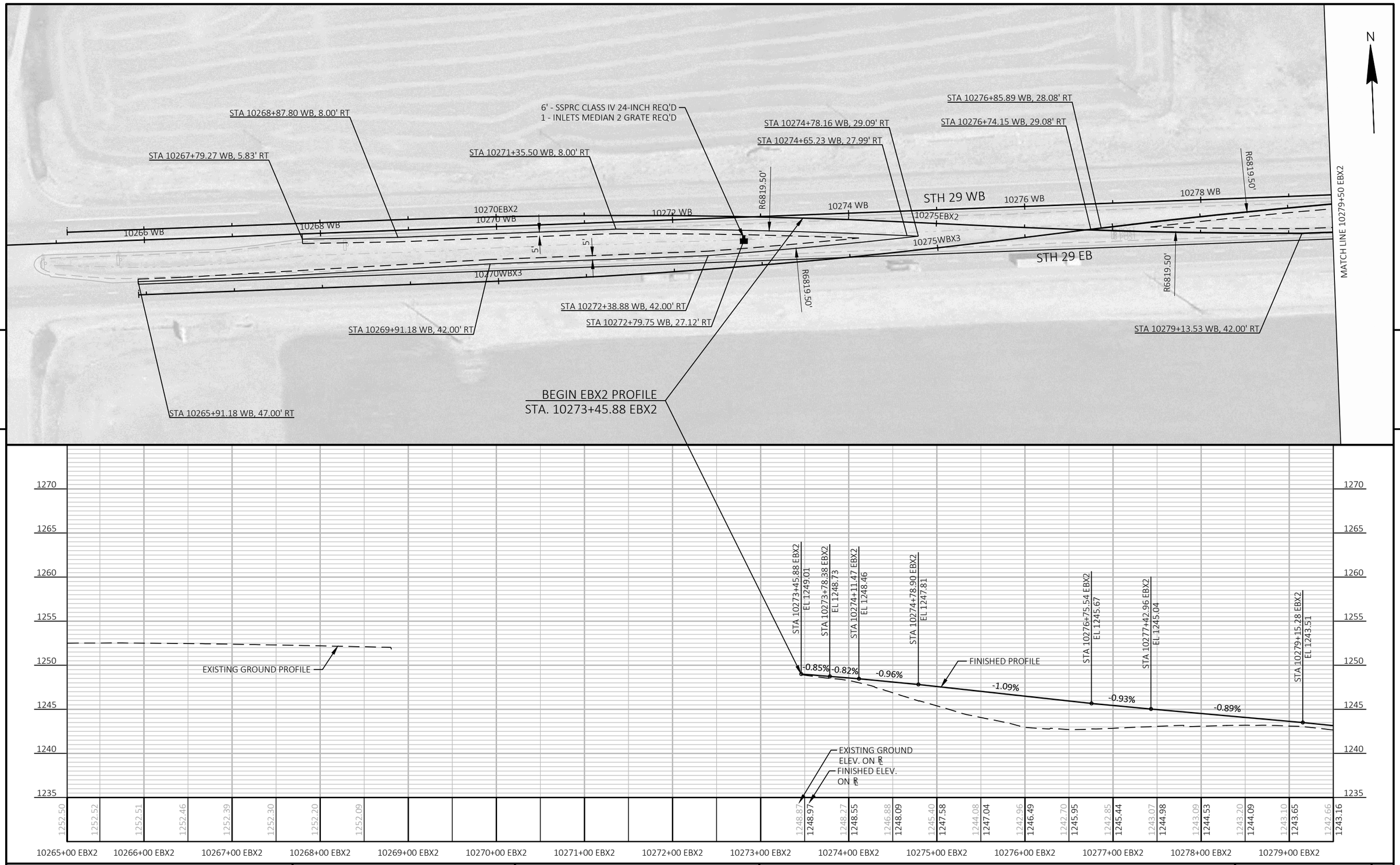


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 265	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050501-pp-GX

PLOT DATE : 6/26/2025 12:38 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

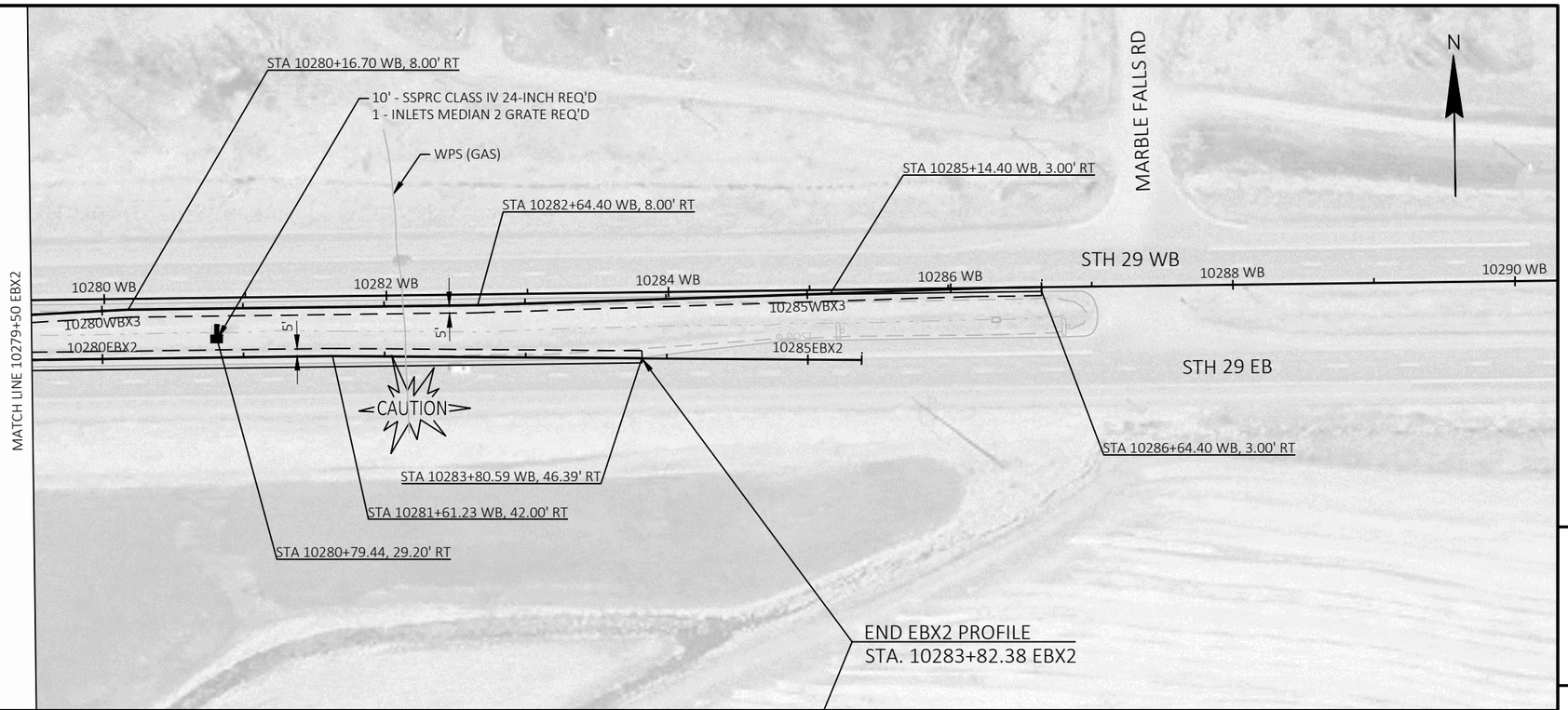


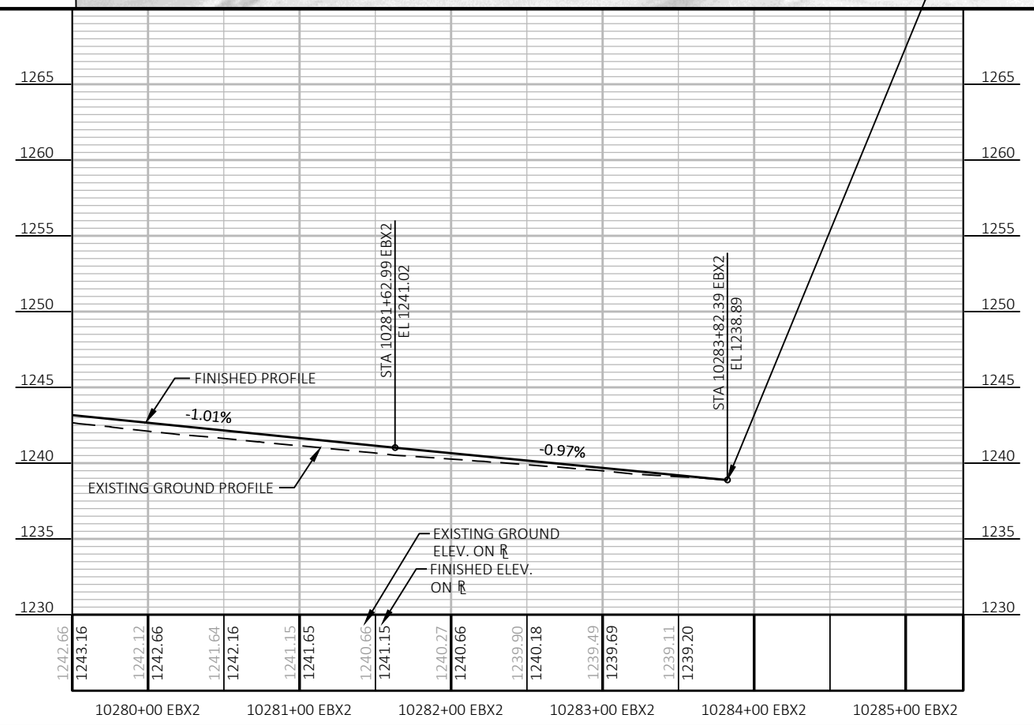
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 266	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050501-pp-EBX2

PLOT DATE : 6/27/2025 12:59 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 267	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050501-PP.DWG
LAYOUT NAME - 050502-pp-EBX2
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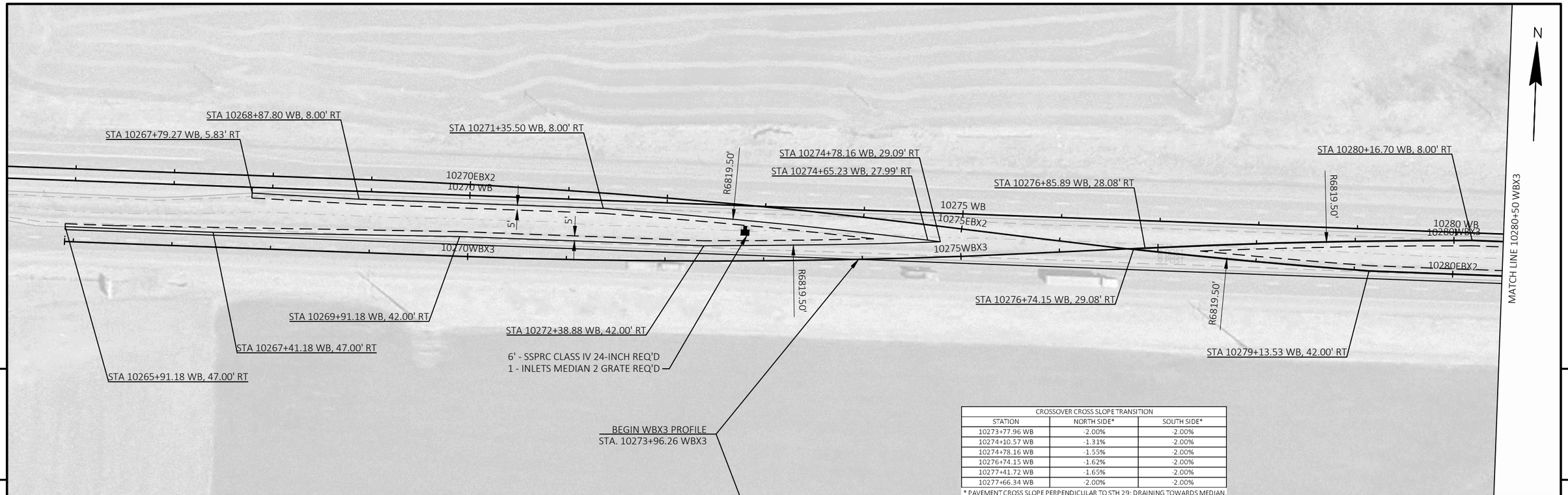
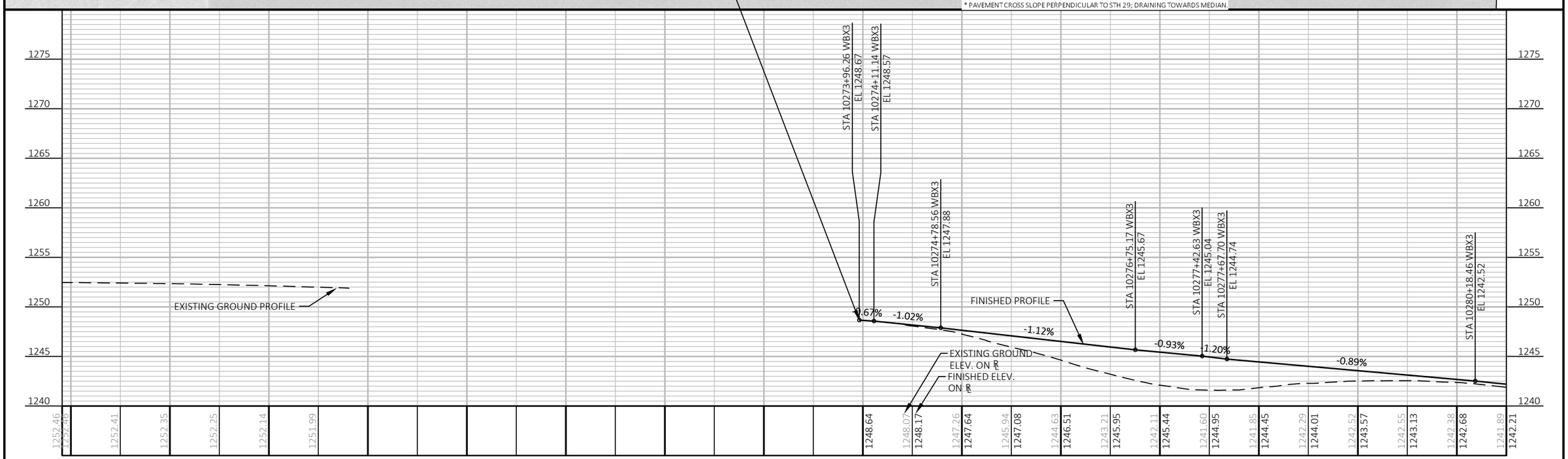
WISDOT/CADDS SHEET 44



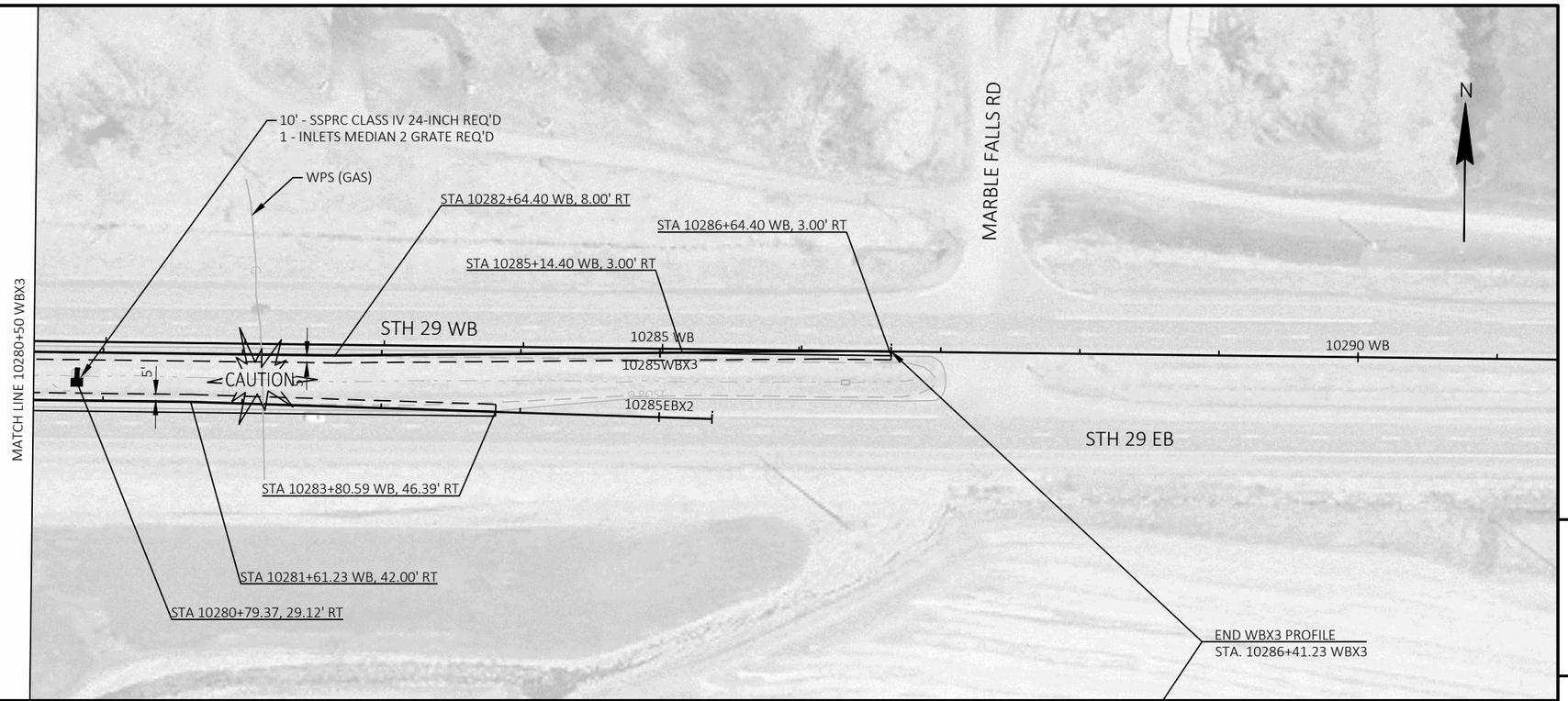
CROSSOVER CROSS SLOPE TRANSITION		
STATION	NORTH SIDE*	SOUTH SIDE*
10273+77.96 WB	-2.00%	-2.00%
10274+10.57 WB	-1.31%	-2.00%
10274+78.16 WB	-1.55%	-2.00%
10276+74.15 WB	-1.62%	-2.00%
10277+41.72 WB	-1.65%	-2.00%
10277+66.34 WB	-2.00%	-2.00%

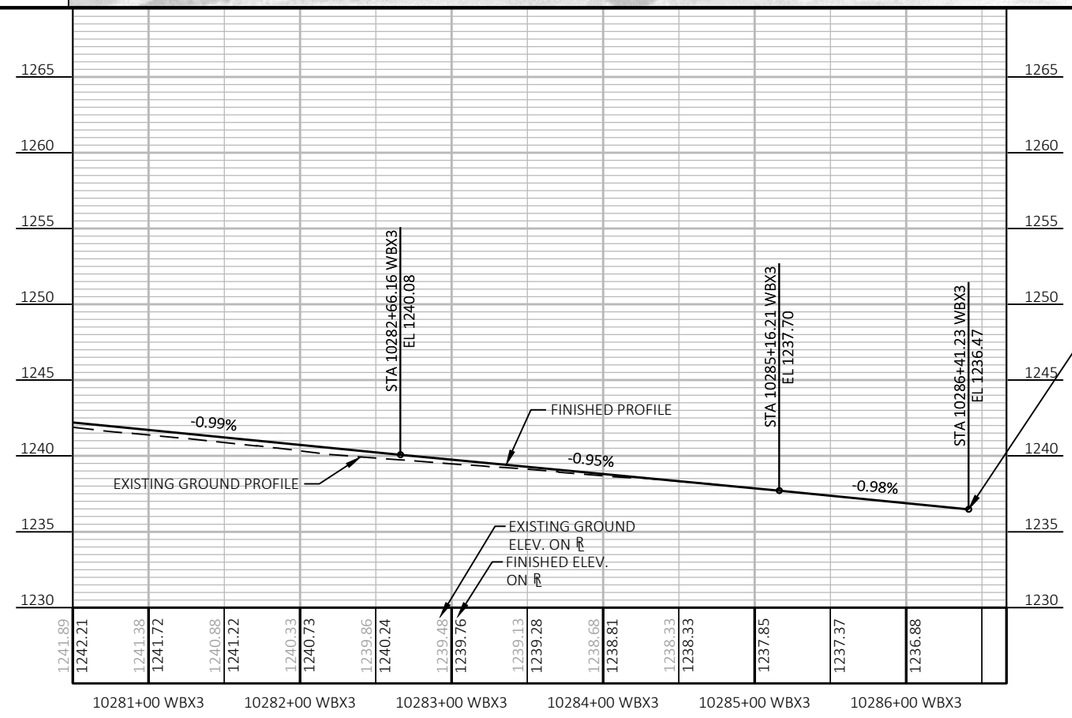
* PAVEMENT CROSS SLOPE PERPENDICULAR TO STH 29; DRAINING TOWARDS MEDIAN.



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 268	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\050601-PP.DWG
LAYOUT NAME - 050501-pp-WBX3
PLOT DATE : 6/26/2025 12:38 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	PLAN AND PROFILE: CROSSOVERS	SHEET 269	E

Standard Detail Drawing List

08A05-21B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-21D	INLET COVERS TYPE V, V-B, & VV-B
08C08-03	INLETS MEDIAN 1 AND 2 GRATE
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D03-09A	CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES
08D03-09B	CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09A01-14B	AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"
11A01-06	MAINTENANCE CROSSOVER FOR FREEWAYS
13A03-07	CONCRETE PAVEMENT SHOULDERS
13A05-06A	SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY
13A05-06B	SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY
13A10-03G	SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS
13B02-09A	CONCRETE PAVEMENT APPROACH SLAB
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C11-14A	RURAL DOWELED CONCRETE PAVEMENT
13C11-14B	RURAL DOWELED CONCRETE PAVEMENT
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C18-08A	CONCRETE PAVEMENT JOINTING
13C18-08B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-08C	CONCRETE PAVEMENT JOINT TYPES
13C18-08G	CONCRETE PAVEMENT JOINTING ACCELERATION/DECELERATION LANE
13C19-03	HMA LONGITUDINAL JOINTS
14B26-05A	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05C	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05D	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05E	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05F	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05G	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05H	STEEL THRIE BEAM BULLNOSE TERMINAL
14B28-04A	GUARDRAIL MOW STRIP
14B28-04B	GUARDRAIL MOW STRIP
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15A04-08A	FLEXIBLE DELINEATOR POST
15A04-08C	DELINEATOR POST WITH REFLECTIVE SHEETING
15A04-08D	CHANNELIZING DEVICES, PERMANENT FLEXIBLE TUBULAR MARKER POST
15A04-08E	DELINEATOR POST WITH REFLECTIVE SHEETING
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C02-09D	ON RAMP LANE CLOSURE
15C02-09E	OFF RAMP LANE CLOSURE
15C02-09F	ADVANCED WIDTH RESTRICTION SIGNING
15C02-09G	TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE
15C02-09H	MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

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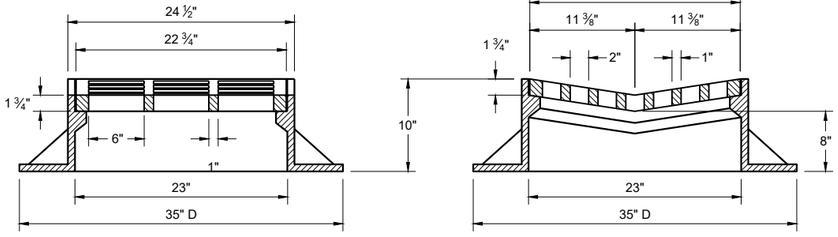
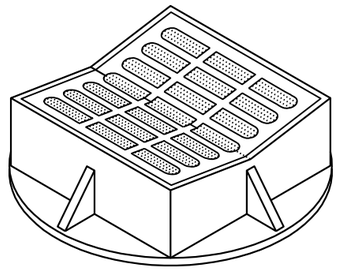
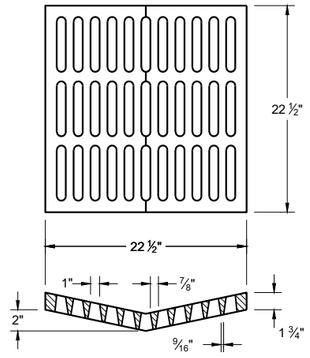
Standard Detail Drawing List

15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C14-04	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C31-08A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-08C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D04-01	TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING
15D06-06	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D07-06	TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER
15D08-09	TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER
15D09-07	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT
15D11-09	TRAFFIC CONTROL, SINGLE LANE CROSSOVER
15D12-14A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D12-14B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D15-07A	TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-07B	TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-07E	TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
15D16-06	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D43-02	TRAFFIC CONTROL, SHORT DURATION MOBILE OPERATIONS
15D51-01	TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY





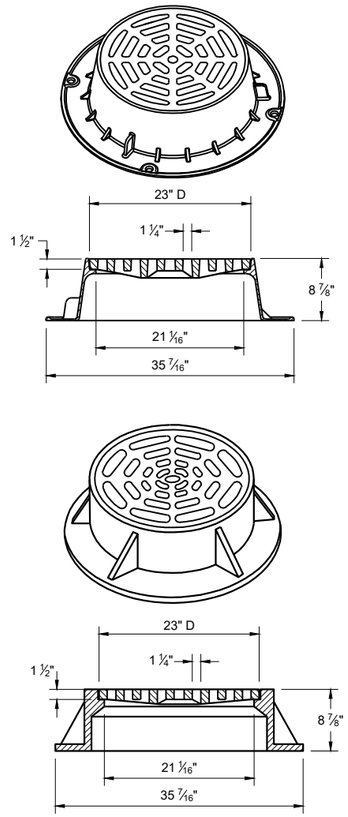
TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

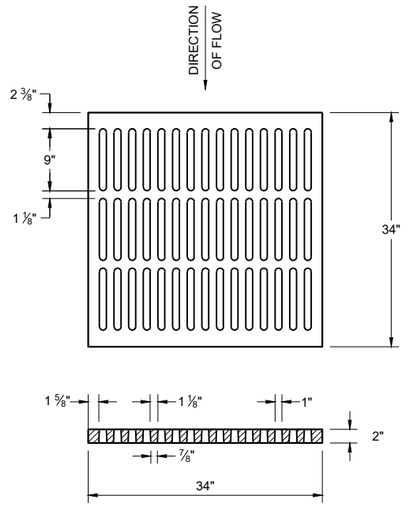
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

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

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

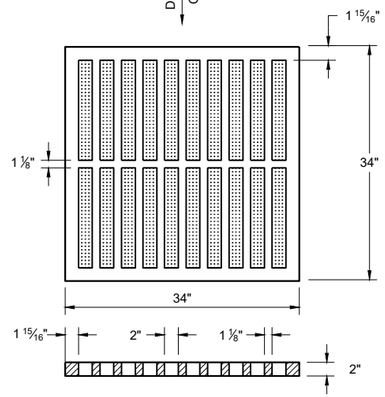
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

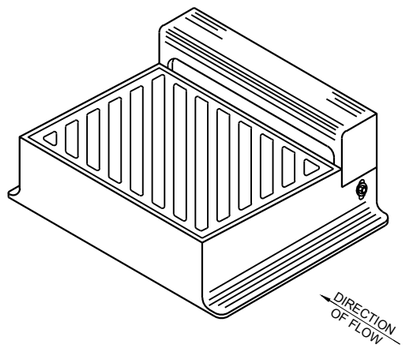
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



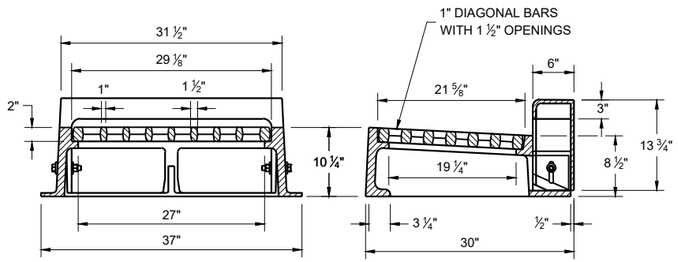
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE



DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.



TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

INLET COVERS TYPES B, B-A, C, MS, MS-A AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

6

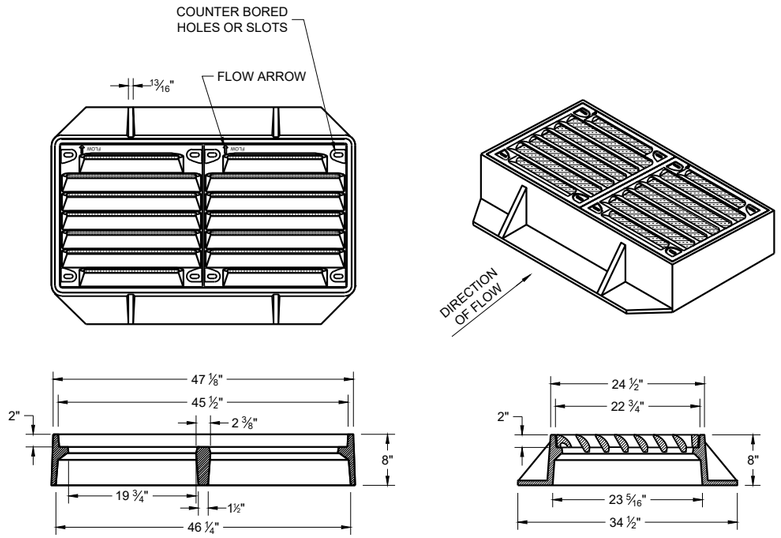
SDD 08A05-21b

SDD 08A05-21b

GENERAL NOTES

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

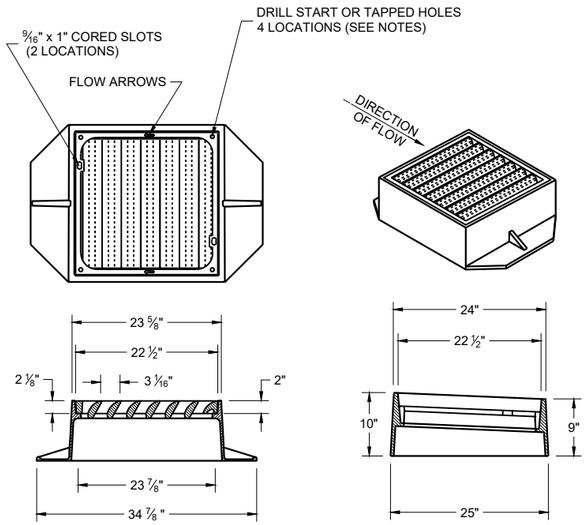
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



TYPE "VV-B"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER
ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

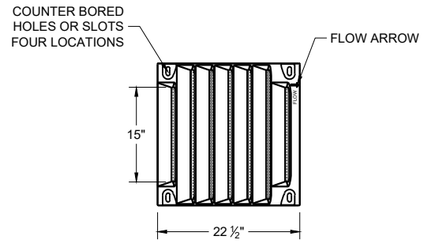
TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 35B
⅜" DIA. X 1/16" DRILL START IN 8 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



TYPE "V"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A
⅜" DIA. X 1/16" DRILL START IN 4 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



BOLT DOWN GRATE FOR TYPE "V" AND "VV-B" COVER

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER NOTED AS TYPE "V-B" OR "VV-B" (FOR DOUBLE GRATE) ON DRAINAGE TABLE

TAP ½" -13 HOLES IN FOUR LOCATIONS PER GRATE IN FRAME TO BOLT GRATE(S).
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A

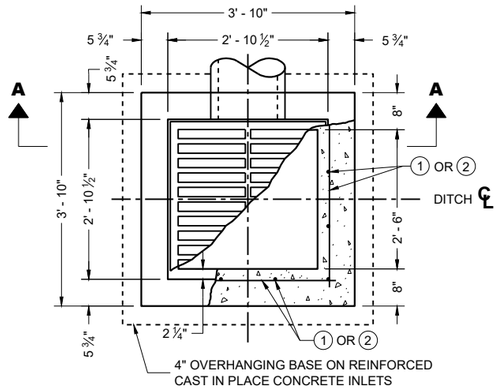
GRATE - CAST DUCTILE IRON ASTM A536, 55+KSI YIELD
BOLTS - ½" -13 STAINLESS STEEL BOLTS WITH WASHERS
TORQUE BOLTS TO MANUFACTURER SPECIFICATION DO NOT OVERTIGHTEN.

INLET COVERS
TYPES V, V-B, AND VV-B

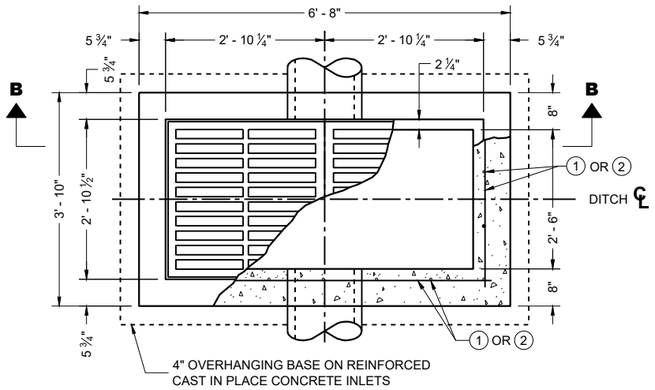
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

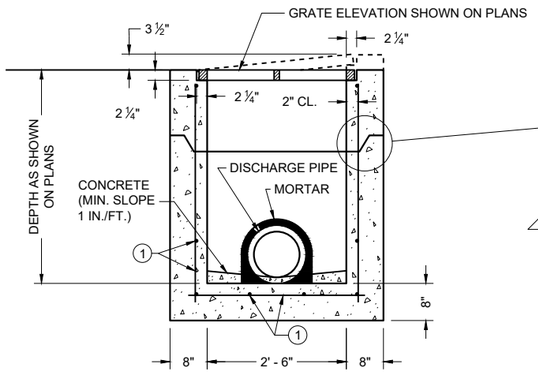
6
SDD 08A05-21d



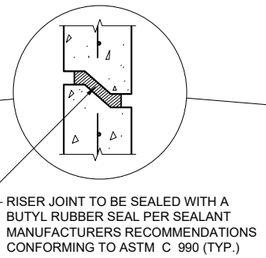
PLAN VIEW

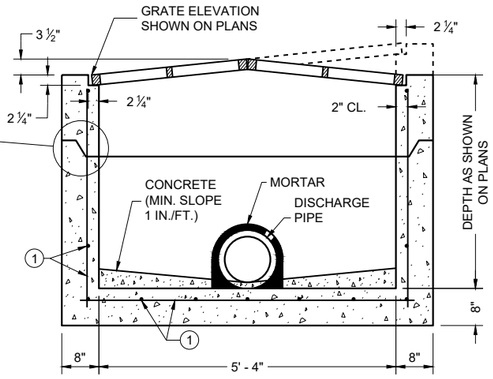


PLAN VIEW

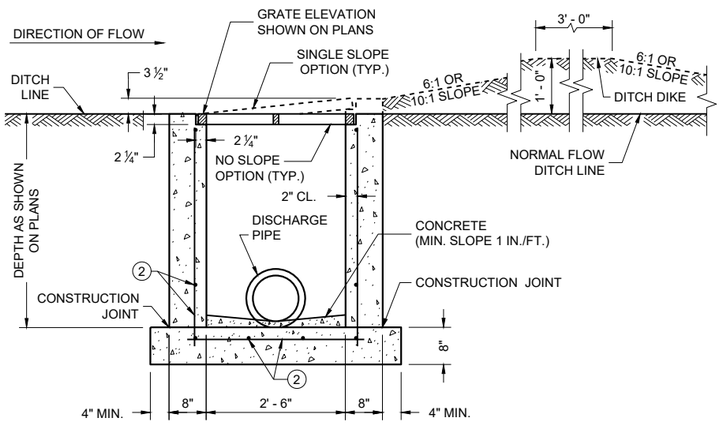


PRECAST REINFORCED CONCRETE SECTION A - A



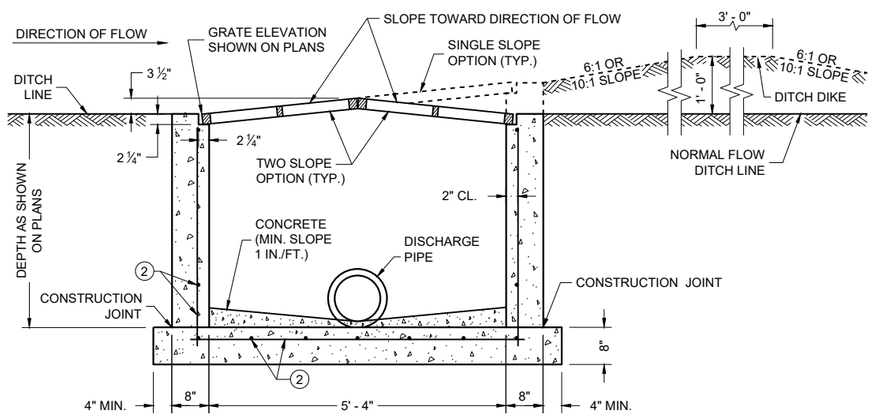


PRECAST REINFORCED CONCRETE SECTION B - B



REINFORCED CAST IN PLACE CONCRETE SECTION A - A

INLETS MEDIAN 1 GRATE



REINFORCED CAST IN PLACE CONCRETE SECTION B - B

INLETS MEDIAN 2 GRATE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

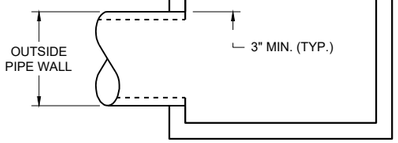
ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.



DETAIL "A"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42

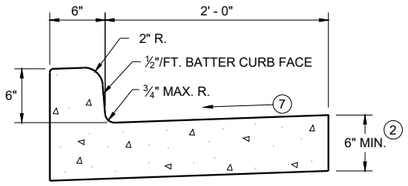
INLETS
MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

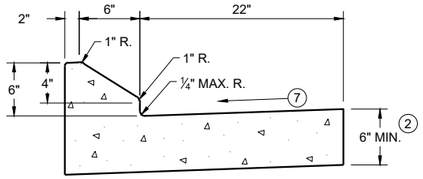
APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

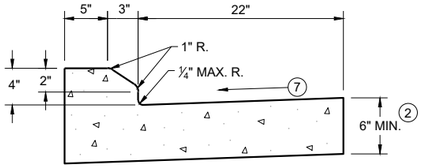
6
SDD 08C08-03



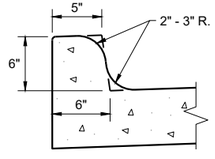
TYPES A (1) & D



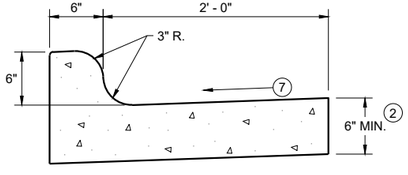
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

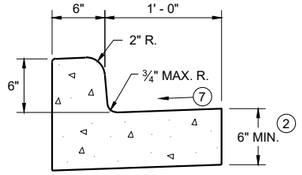


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



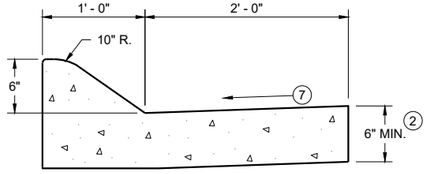
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

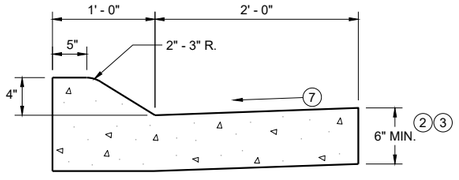


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

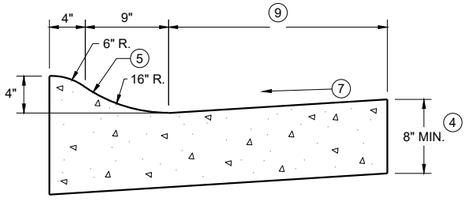


6" SLOPED CURB TYPES A (1) & D



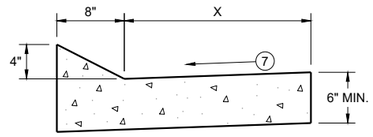
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

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

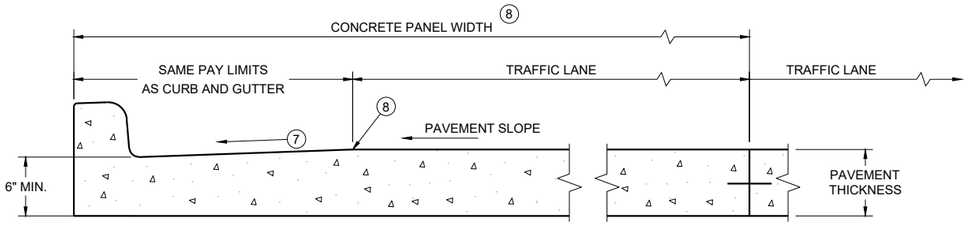


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

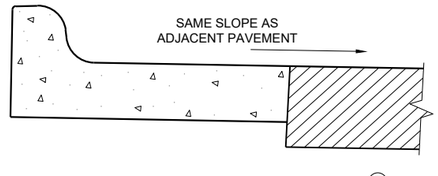
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

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

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

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

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

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

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

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

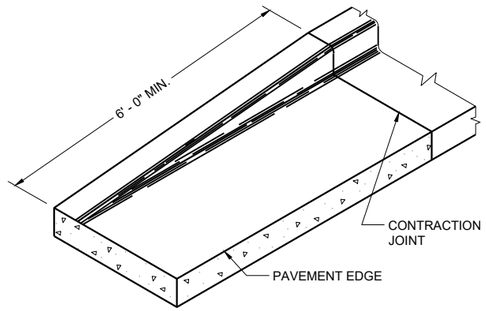
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

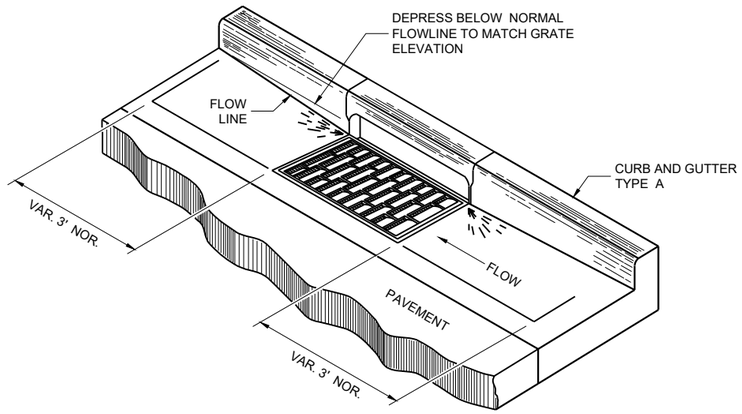
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

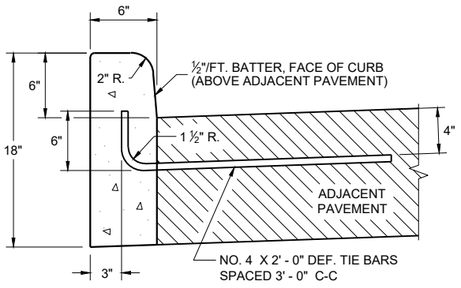
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

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

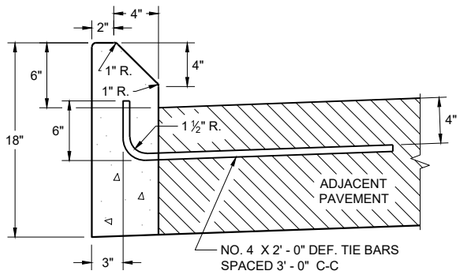
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

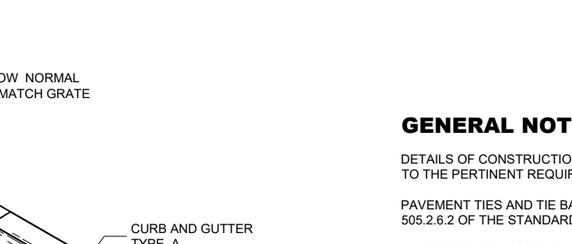


TYPES A (1) & D

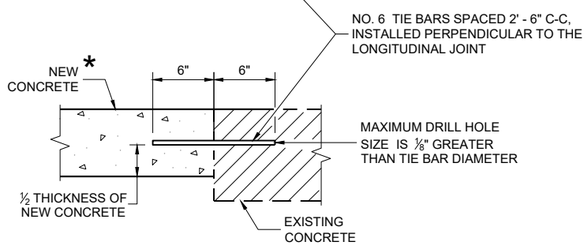


TYPES G (1) & J

CONCRETE CURB

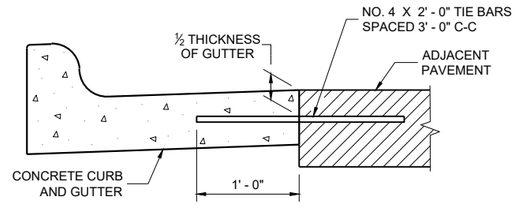


PLAN VIEW

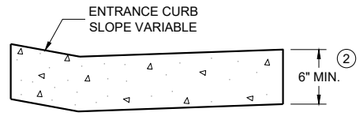


SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT

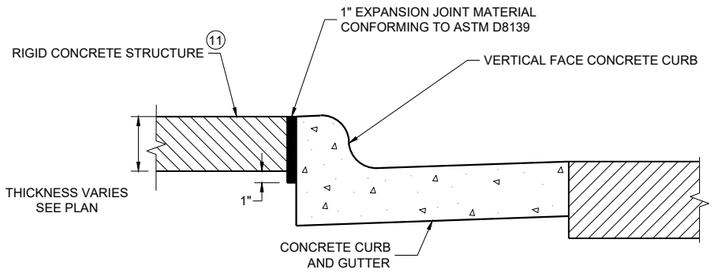


TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)

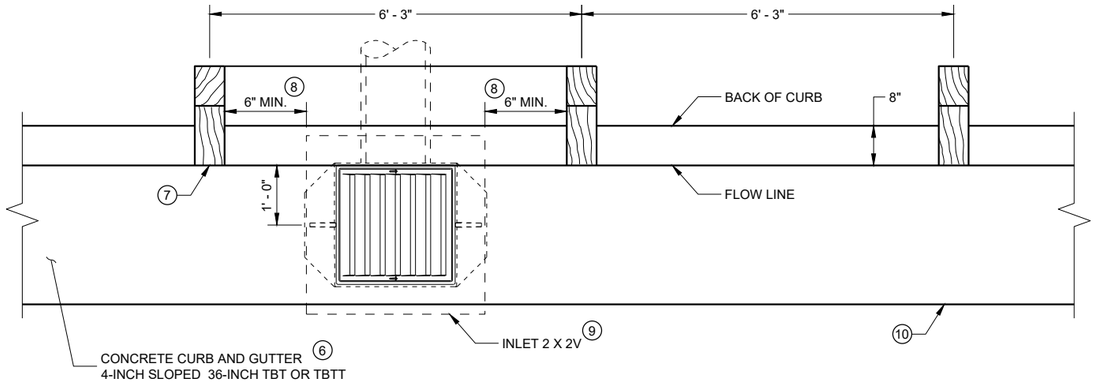
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

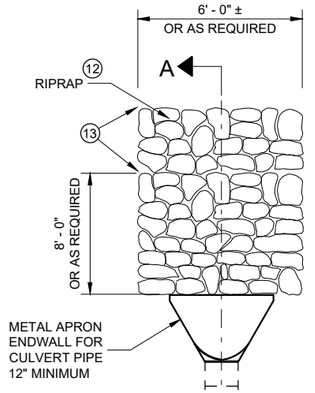
FHWA

6
SDD 08D01-23b



INLET PLAN VIEW

(NOTE: RAIL NOT SHOWN FOR CLARITY)

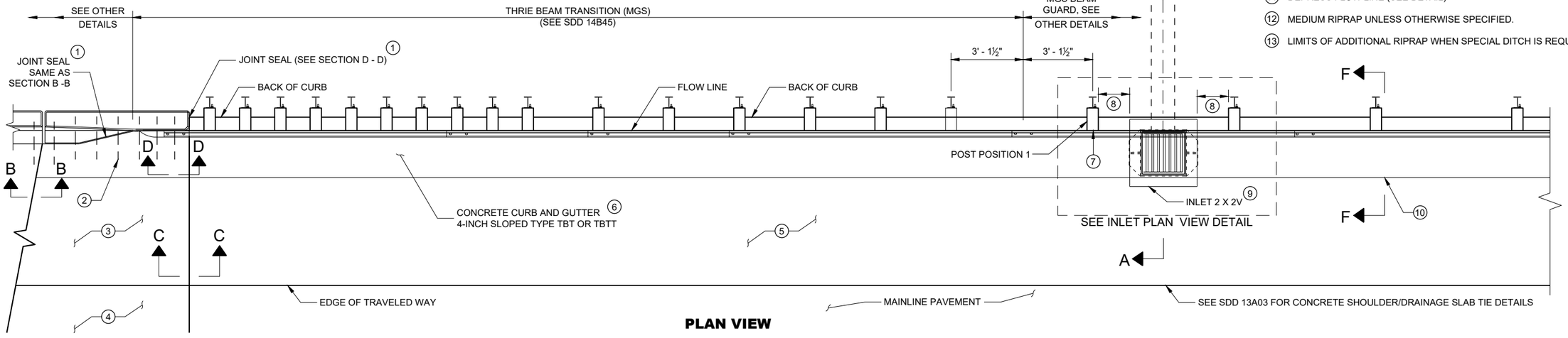


GENERAL NOTES

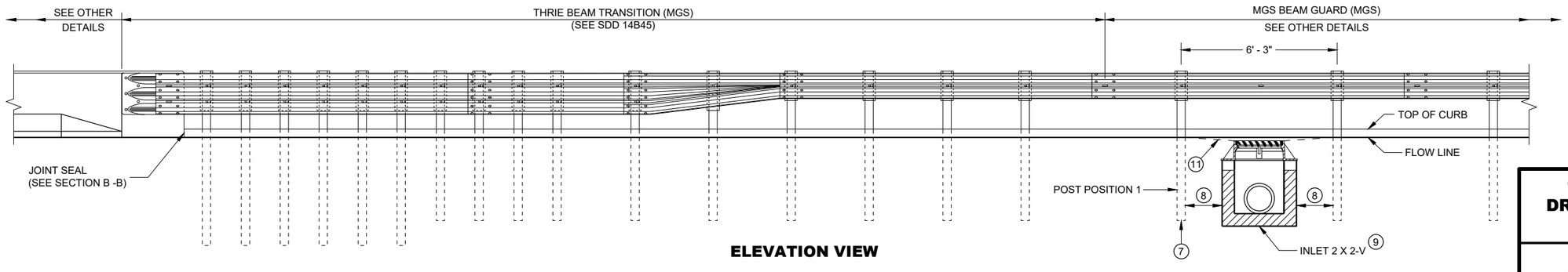
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

1. USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.
2. NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.
3. PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.
4. CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02.
5. PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.
6. CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.
7. PLACE DRAINAGE STRUCTURE BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)
8. CENTER DRAINAGE STRUCTURE BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE WALL OF DRAINAGE STRUCTURE TO POSTS.
9. SEE SDD 08A05 AND 08C07 FOR DETAILS. SEE ROADWAY PLANS FOR LOCATION.
10. START CURB AND GUTTER TRANSITION OR END SECTION.
11. DEPRESS FLOW LINE (SEE DETAIL)
12. MEDIUM RIPRAP UNLESS OTHERWISE SPECIFIED.
13. LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.



PLAN VIEW



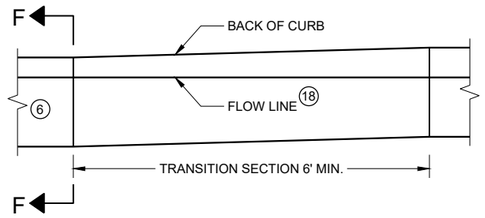
ELEVATION VIEW

CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES

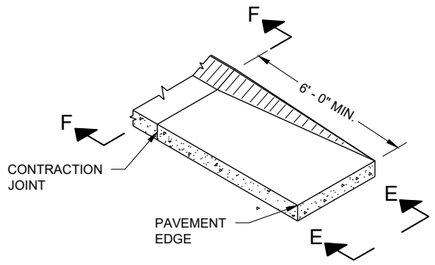
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

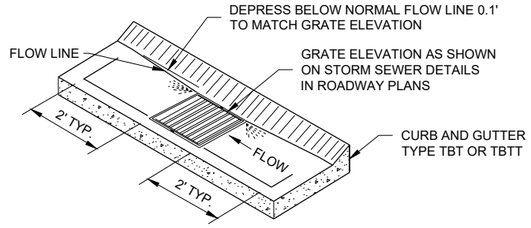
SDD 08D03 - 09a



CURB AND GUTTER TRANSITION SECTION CONCRETE CURB AND GUTTER 4-INCH SLOPED 36 INCH TYPE TBT OR TBTT



CURB AND GUTTER END SECTION CONCRETE CURB AND GUTTER 4-INCH SLOPED 36 INCH TYPE TBT OR TBTT



CURB AND GUTTER FLOW LINE DEPRESSION AT INLETS CONCRETE CURB AND GUTTER 4-INCH SLOPED 36 INCH TYPE TBT OR TBTT

GENERAL NOTES

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

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

(2) NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.

(4) CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02 AND STRUCTURE PLANS.

(5) PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.

(6) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.

(7) PLACE DRAINAGE STRUCTURE BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)

(8) CENTER DRAINAGE STRUCTURE BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE WALL OF DRAINAGE STRUCTURE TO POSTS.

(9) SEE SDD 08A05 AND 08C07 FOR DETAILS. SEE ROADWAY PLANS FOR LOCATION.

(10) START CURB AND GUTTER TRANSITION OR END SECTION.

(11) DEPRESS FLOW LINE (SEE DETAIL)

(12) MEDIUM RIPRAP UNLESS OTHERWISE SPECIFIED.

(13) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

(14) GEOTEXTILE TYPE HR.

(15) MSG THRIE BEAM TRANSITION POST 1. SEE SDD 14B45 FOR ADDITIONAL CONSTRUCTION DETAILS AND ACCEPTABLE MATERIALS.

(16) MAINTAIN WIDTH, THICKNESS AND CROSS SLOPE OF ADJACENT TYPE TBT OR TBTT CURB. SEE NOTE 6 FOR TIE BAR SPACING.

(17) ALIGN FACE OF POST BLOCK WITH FLOW LINE.

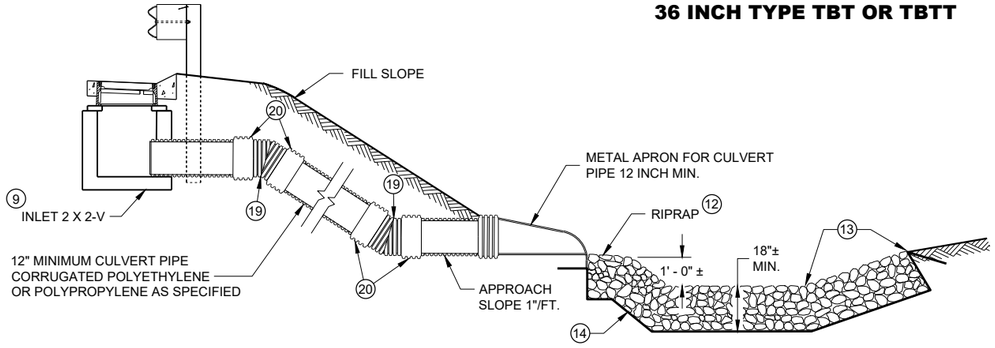
(18) MAINTAIN FLOW LINE AT EDGE OF PAVEMENT/FACE OF BEAM GUARD AS APPLICABLE.

(19) MANUFACTURER SUPPLIED BEND.

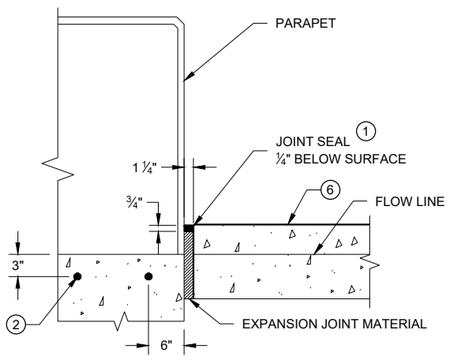
(20) MANUFACTURER SUPPLIED EXTERNAL MECHANICAL COUPLING OR A MANUFACTURER RECOMMENDED COUPLING WITH A MASTIC IMPREGNATED GEOTEXTILE WRAP AND MECHANICAL FASTENING BANDS.

(21) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C - C.

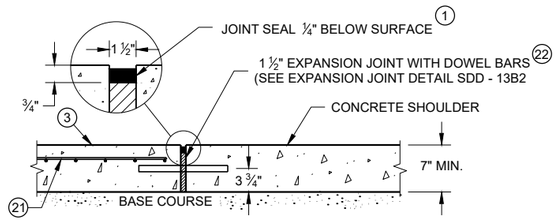
(22) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING HMA PAVEMENTS.



SECTION A - A

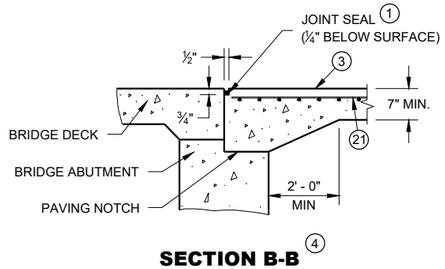


SECTION D - D

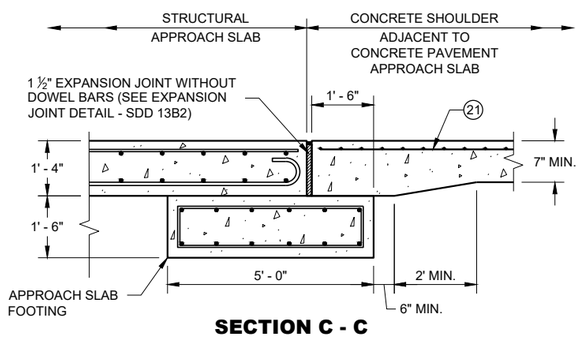


SECTION C - C

JOINT DETAIL FOR BRIDGE APPROACH WITH CONCRETE SHOULDERS

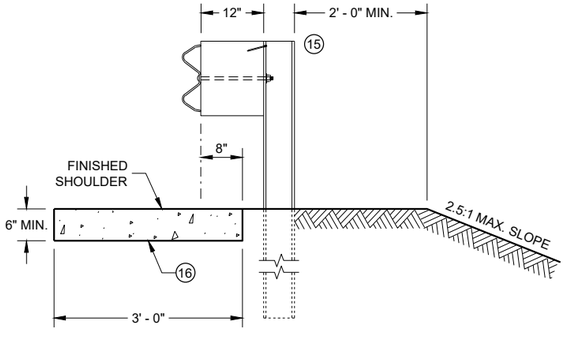


SECTION B-B 4

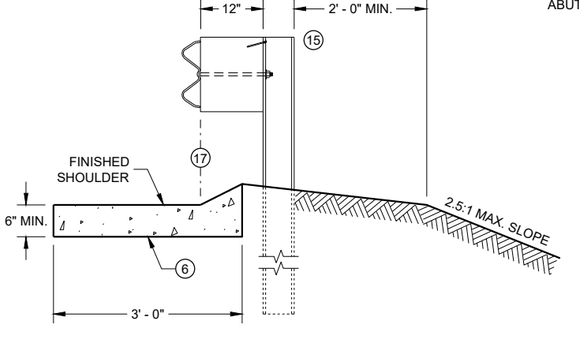


SECTION C - C

JOINT DETAIL FOR BRIDGE WITH STRUCTURAL APPROACH SLAB AND CONCRETE APPROACH SLAB



SECTION E - E



SECTION F - F

CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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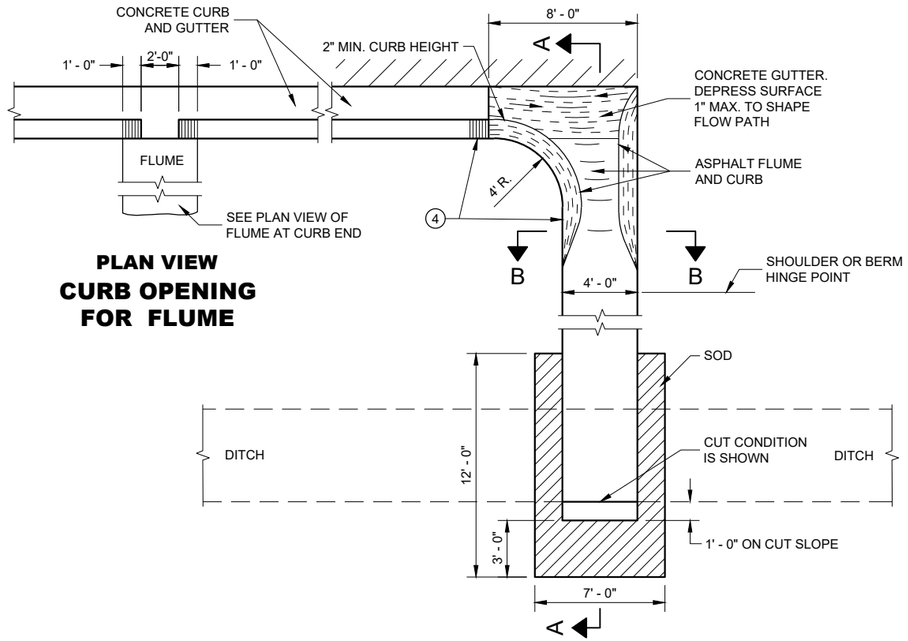
SDD 08D03 - 09b

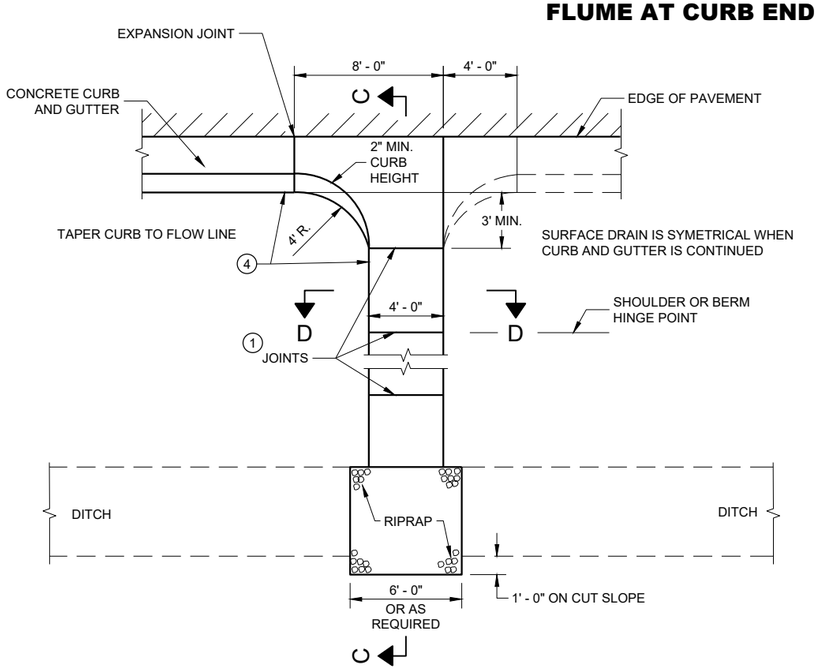
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



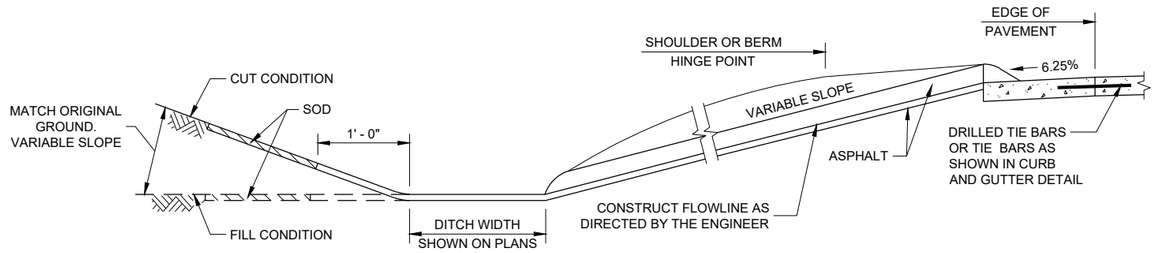
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

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

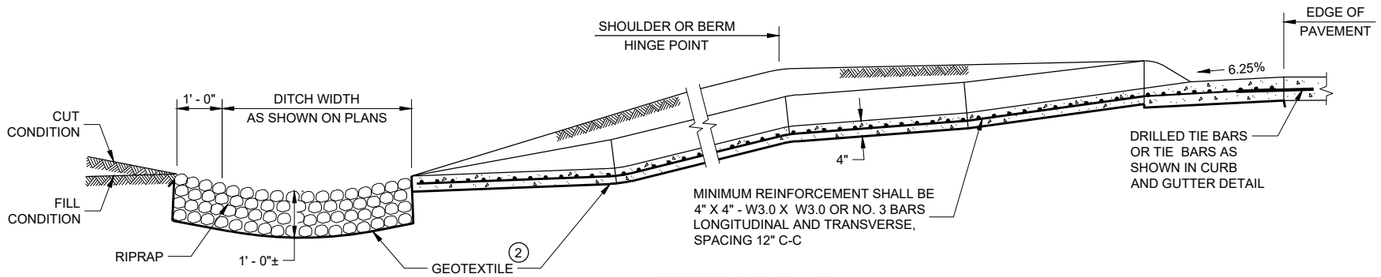
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

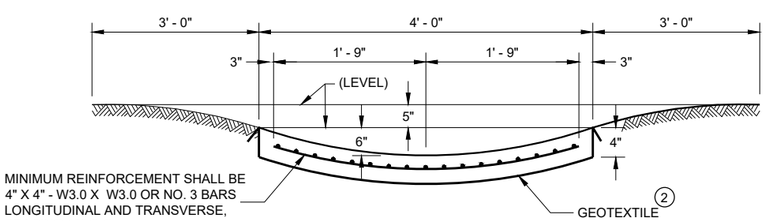


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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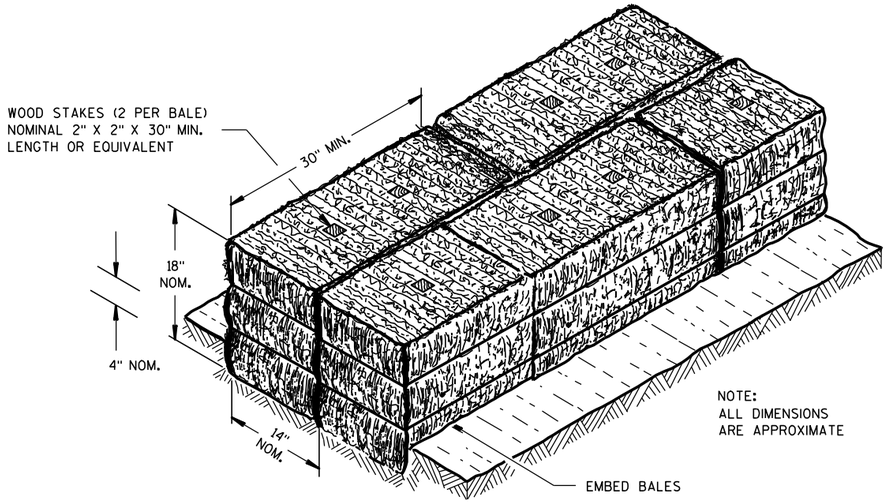
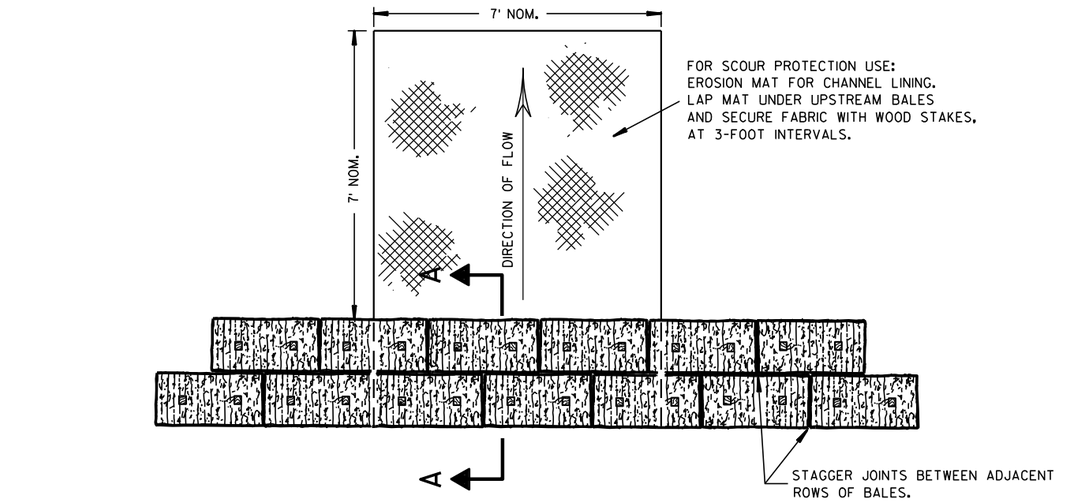
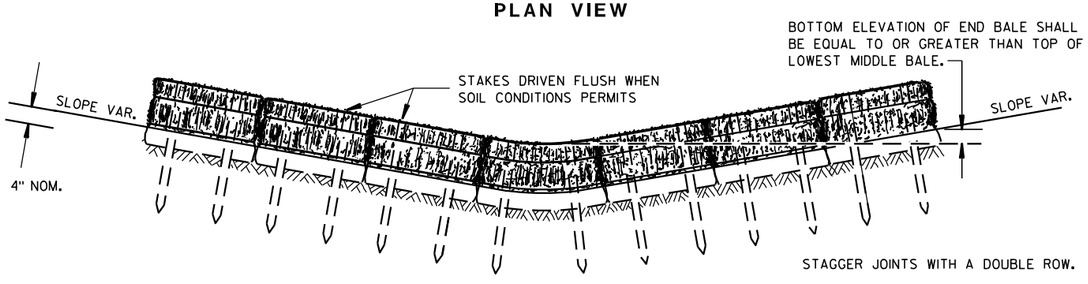
SDD 08D04 - 07



SECTION A-A



PLAN VIEW



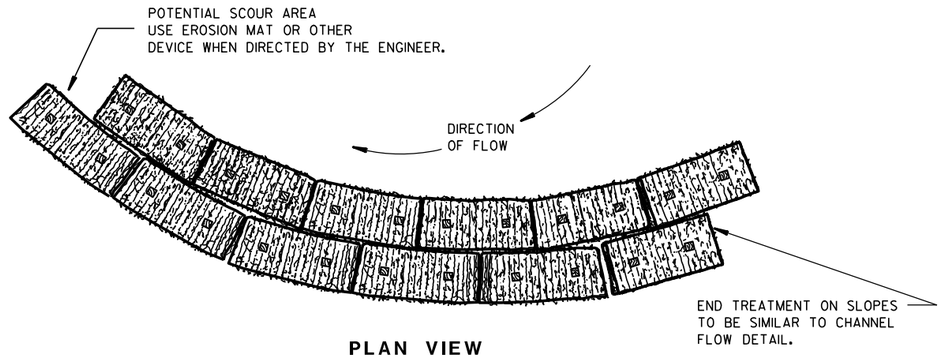
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

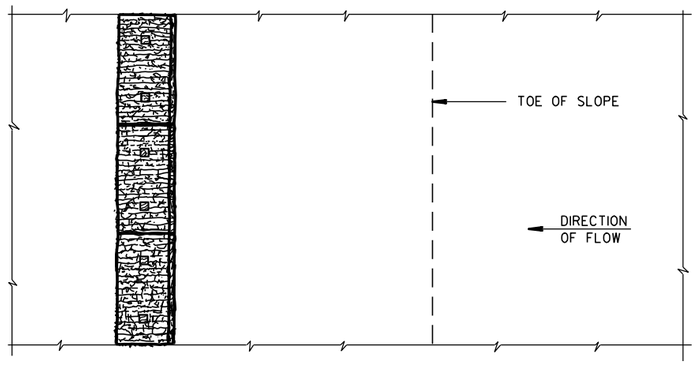
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

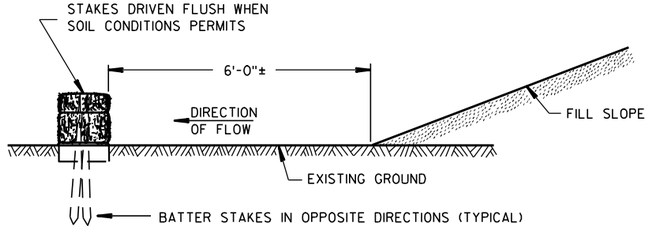


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 8 E 8-3

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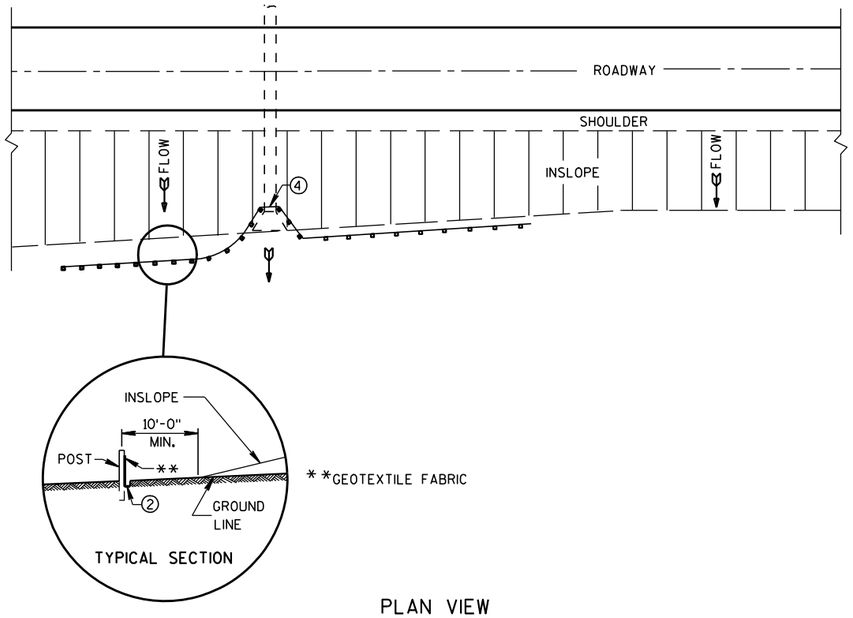
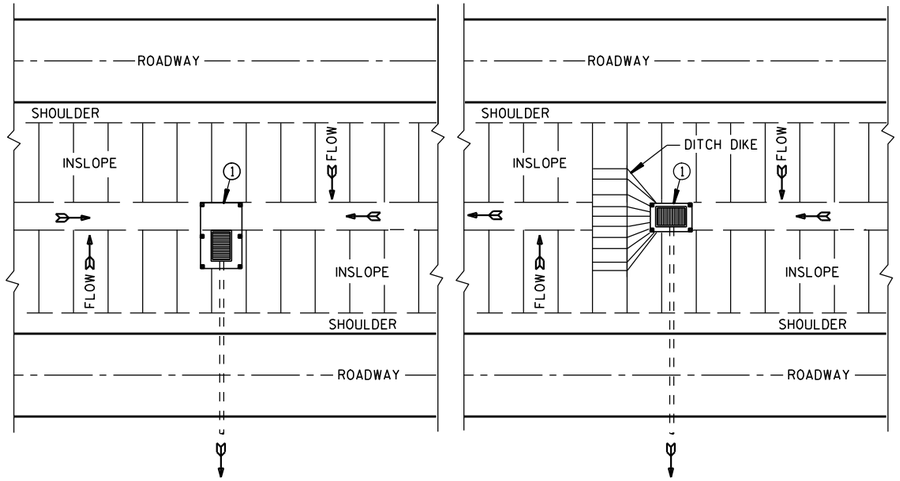
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



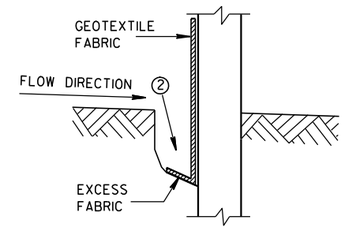
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

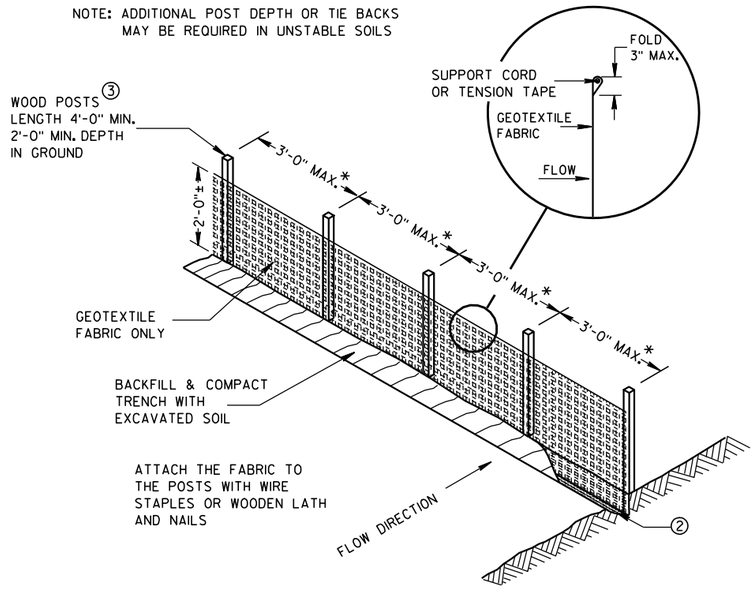
GENERAL NOTES

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

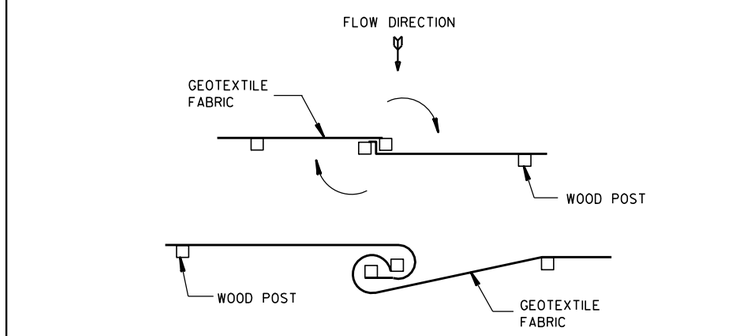
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



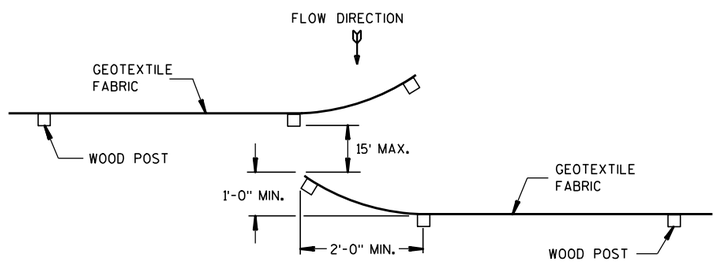
TRENCH DETAIL



SILT FENCE

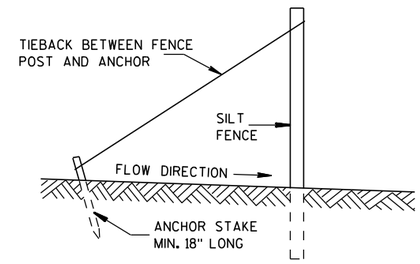


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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S.D.D. 8 E 9-6

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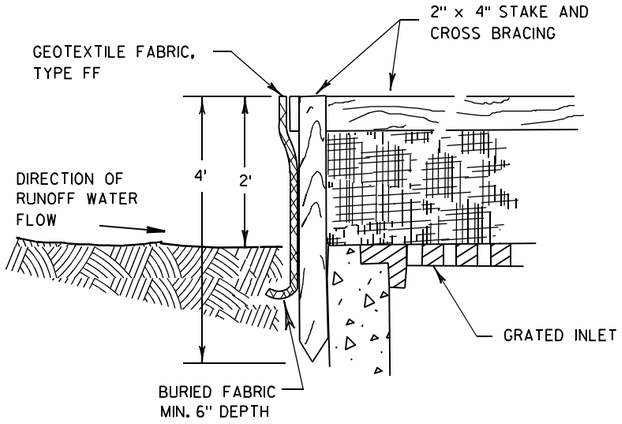
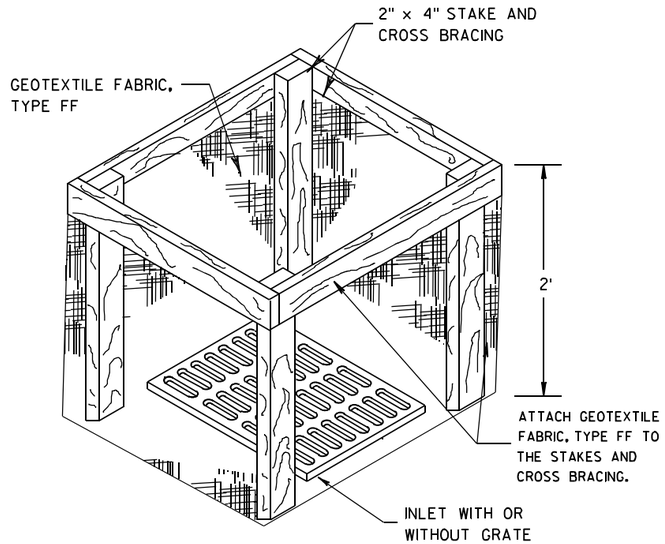
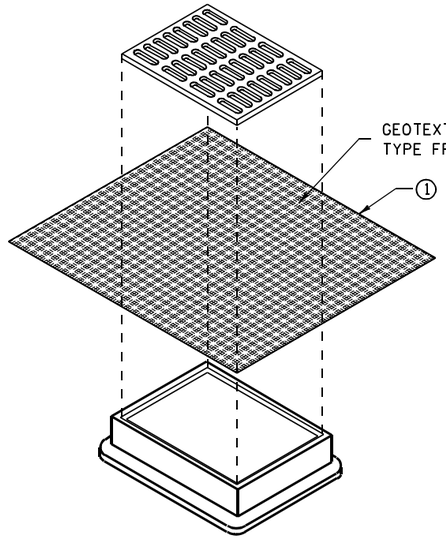
S.D.D. 8 E 9-6



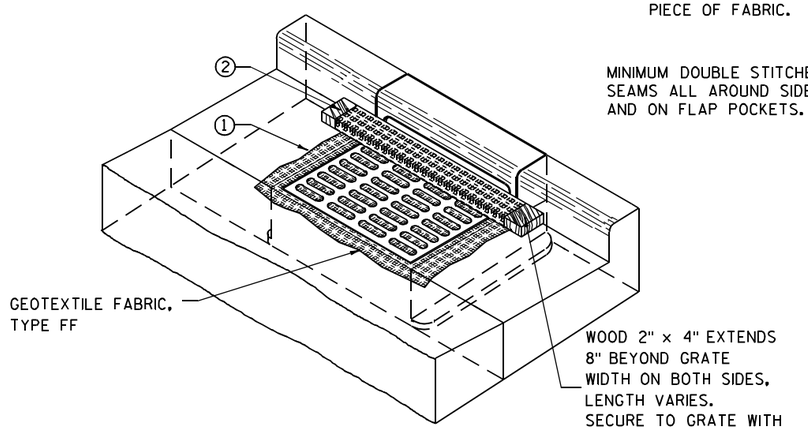


INLET PROTECTION, TYPE A

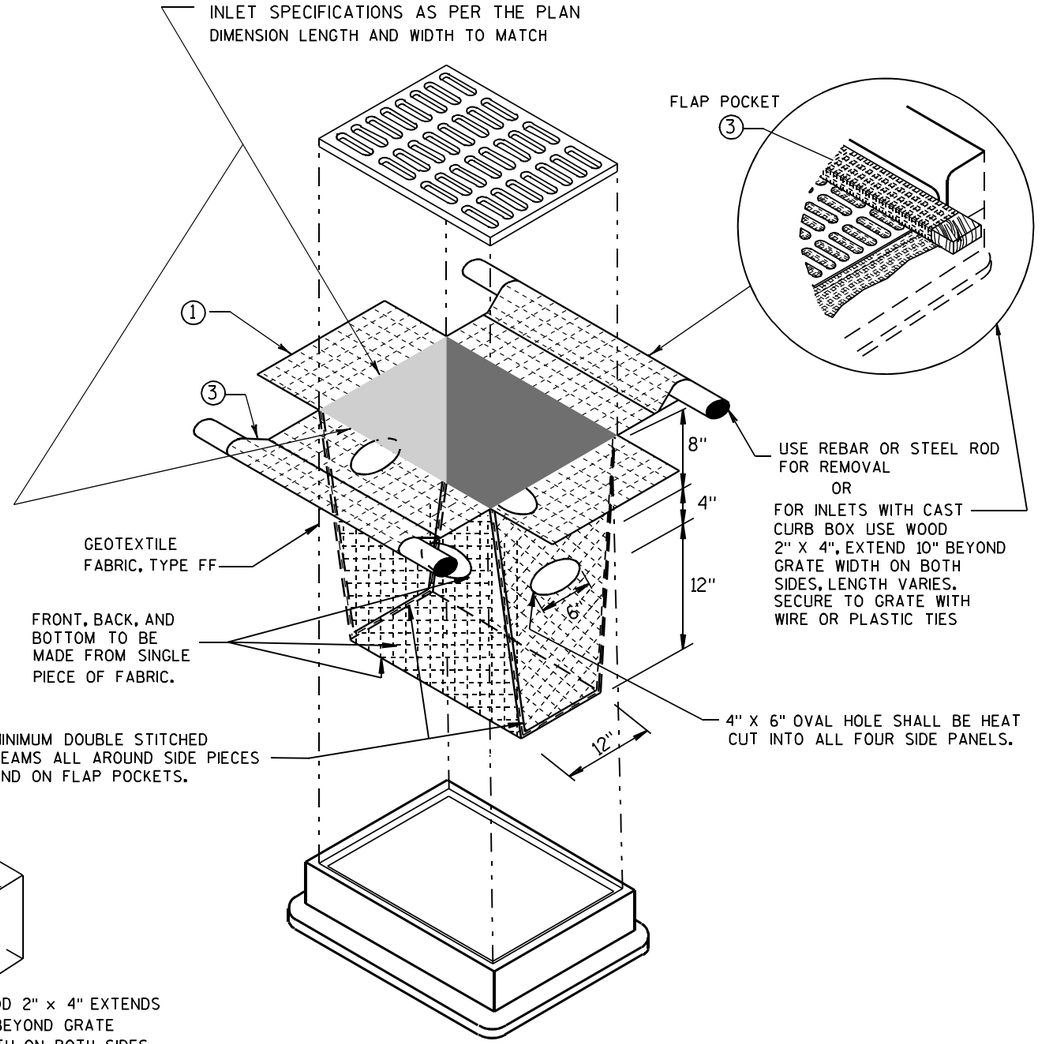


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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.

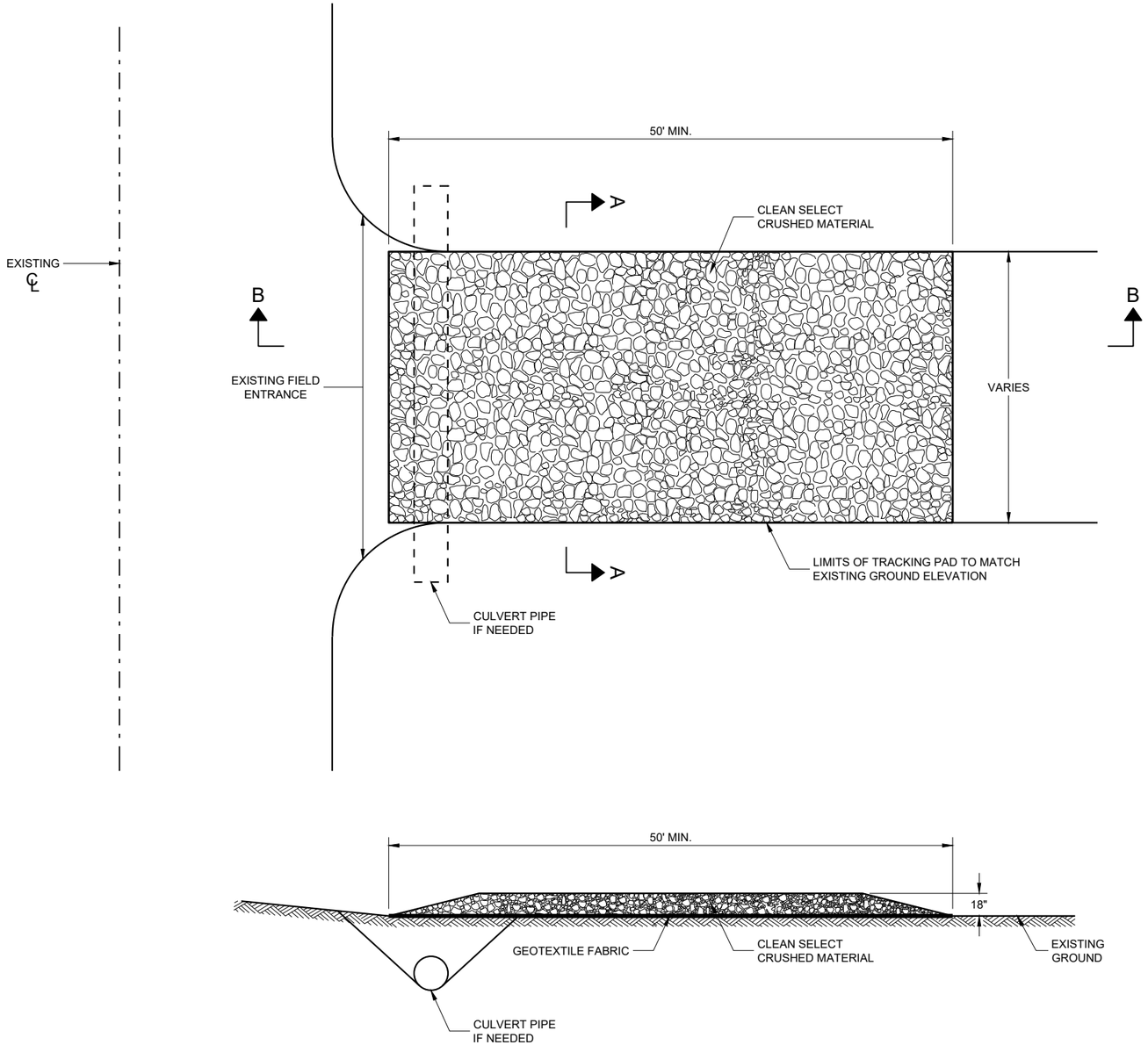
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE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



SECTION B - B

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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

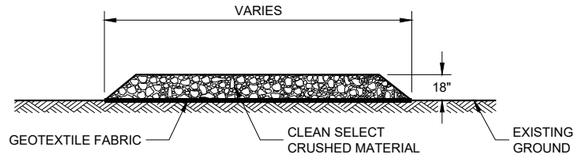
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

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SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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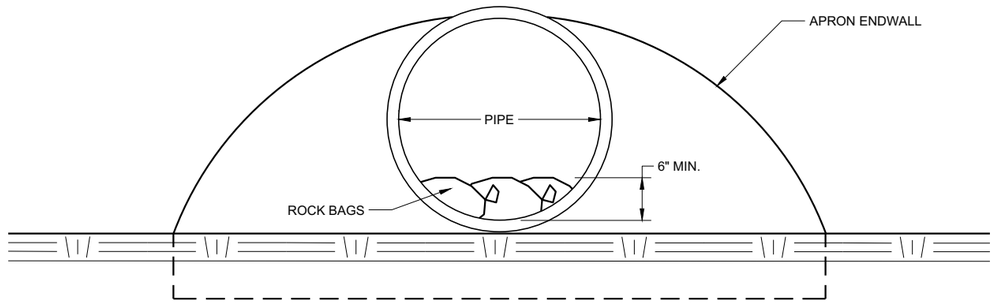
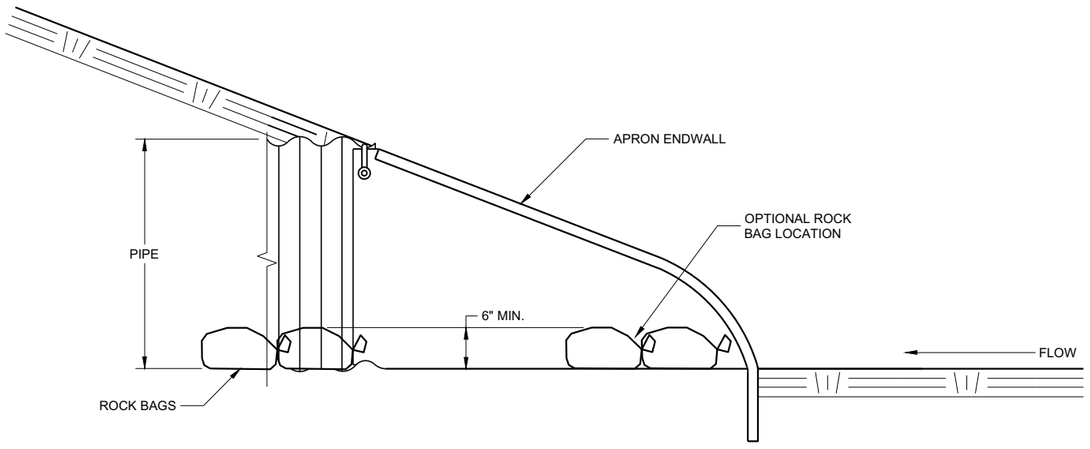
SDD 08E14 - 01



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

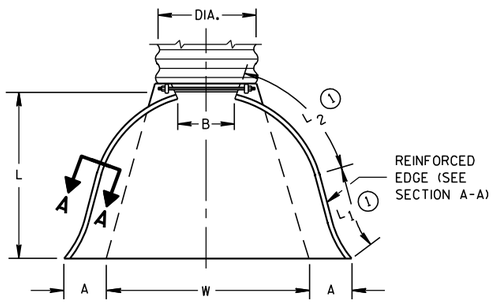
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

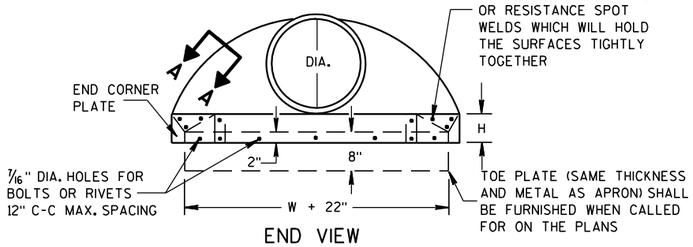
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

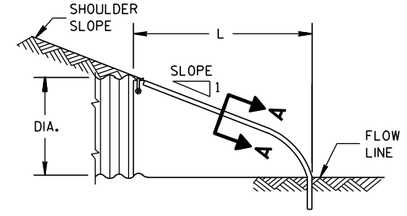
*MINIMUM
**MAXIMUM



PLAN VIEW

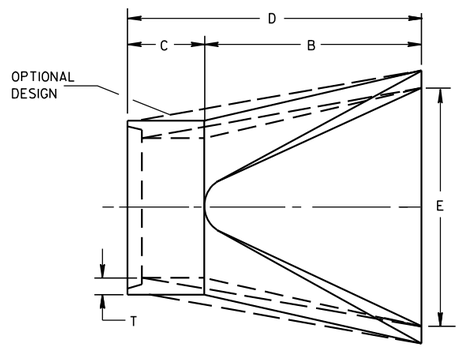


END VIEW

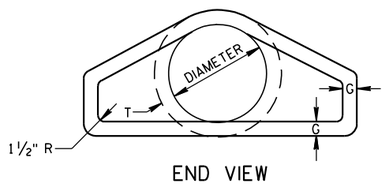


SIDE ELEVATION

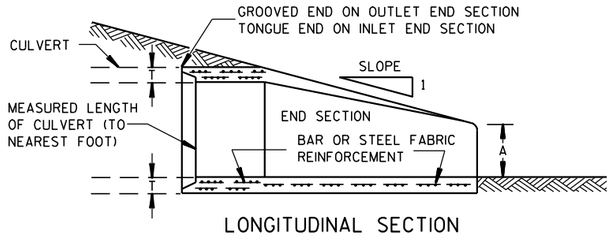
METAL ENDWALLS



PLAN

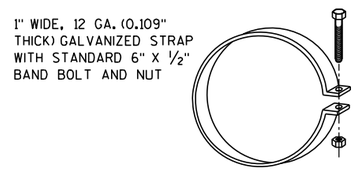


END VIEW



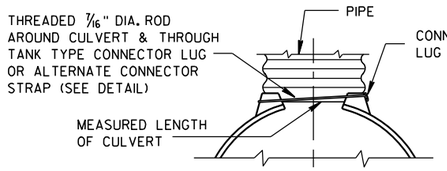
LONGITUDINAL SECTION

CONCRETE ENDWALLS

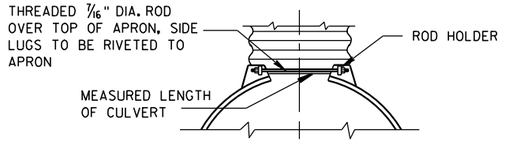


ALTERNATE FOR TYPE 1 CONNECTION

END SECTION CONNECTOR STRAP

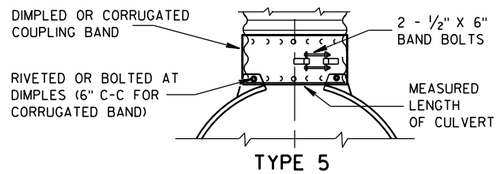


TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE

TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

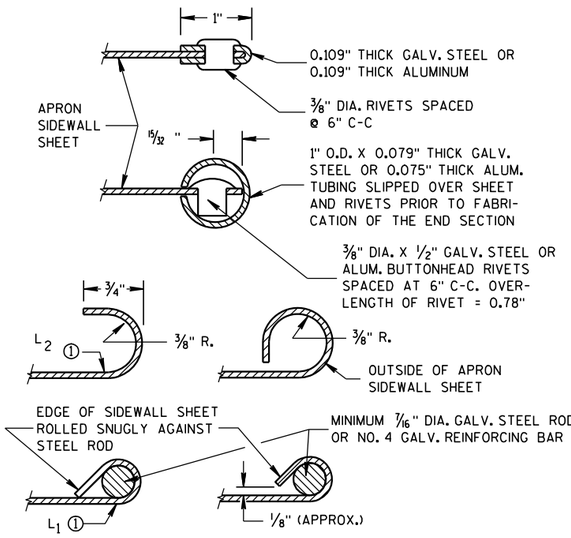
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

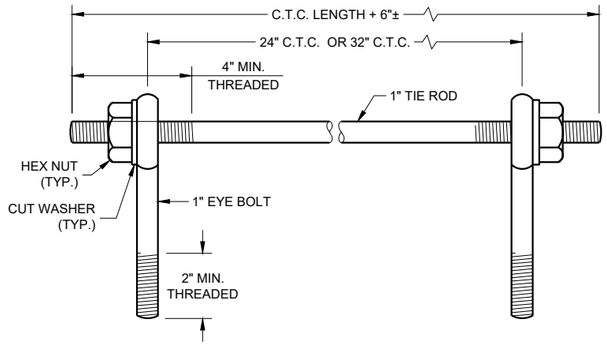
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

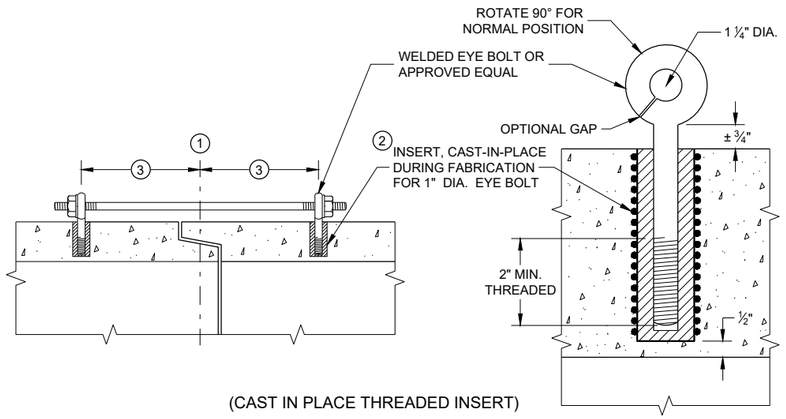
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

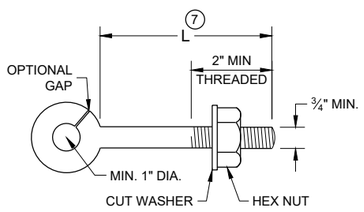
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

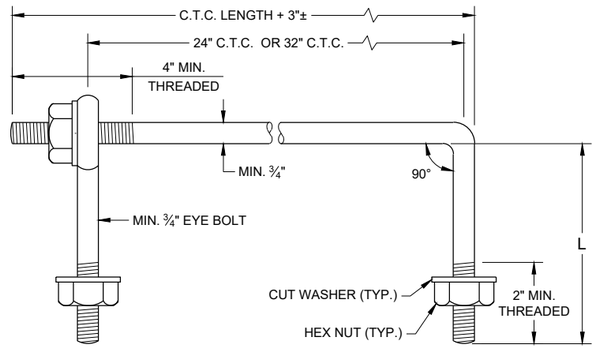
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

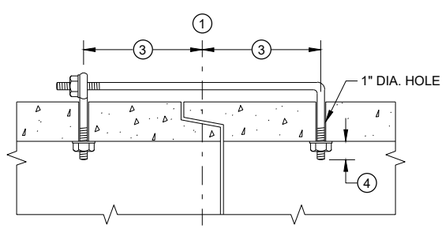


EYE BOLT (7)

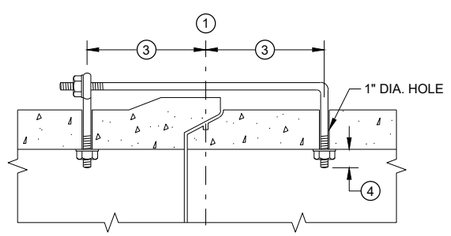
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

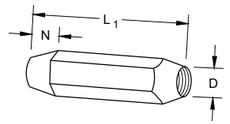
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

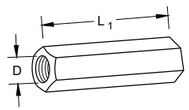
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



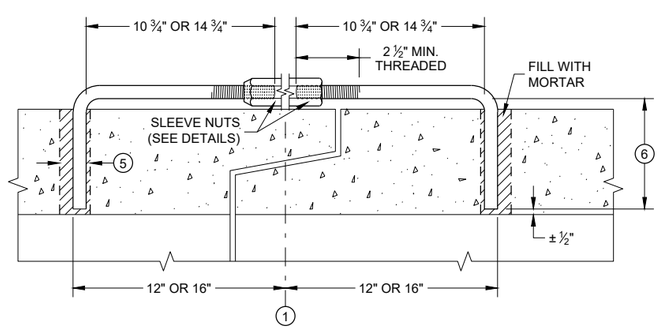
TAPERED



PLAIN

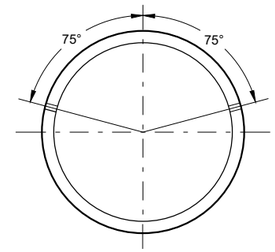
RIGHT AND LEFT THREADS

SLEEVE NUTS



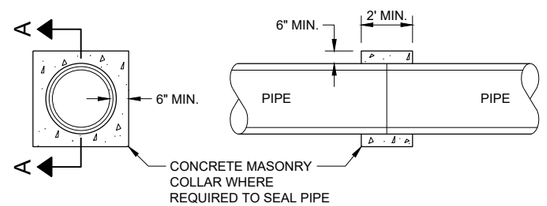
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

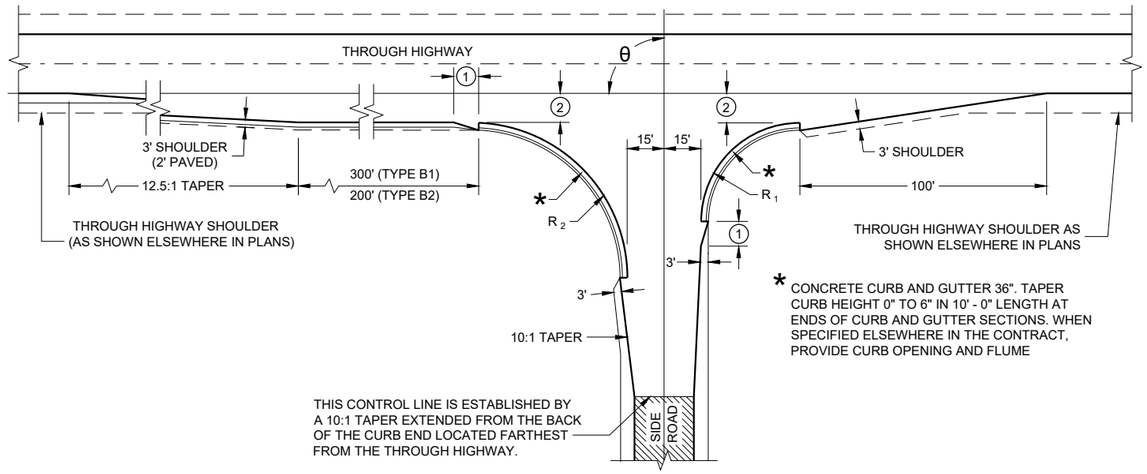
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 08F04 - 08

SDD 08F04 - 08



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

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

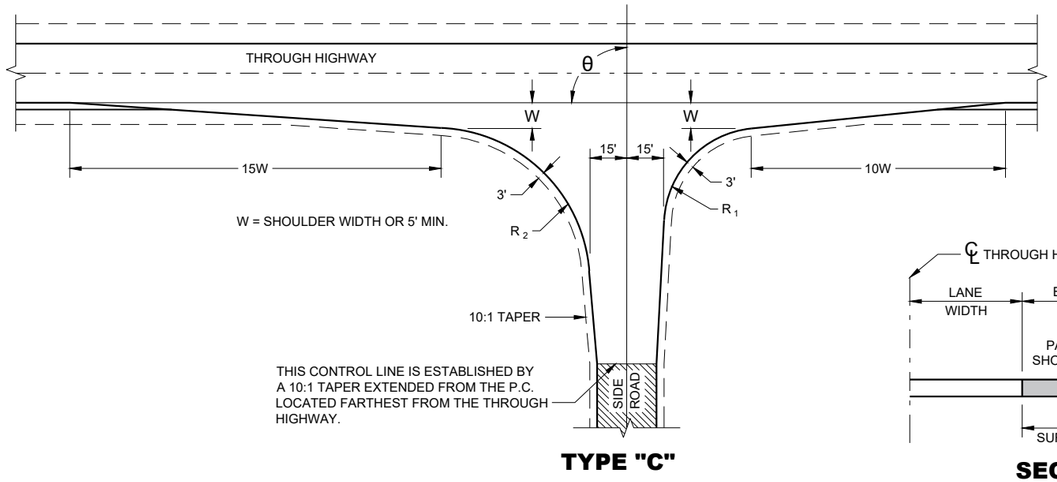
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

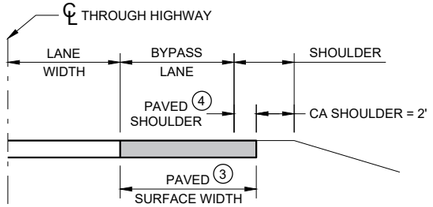
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

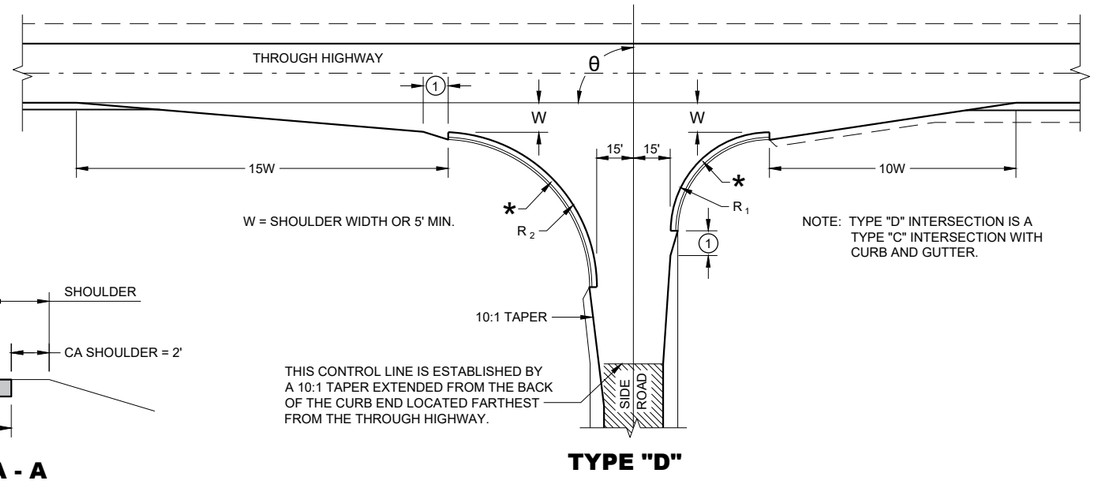
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

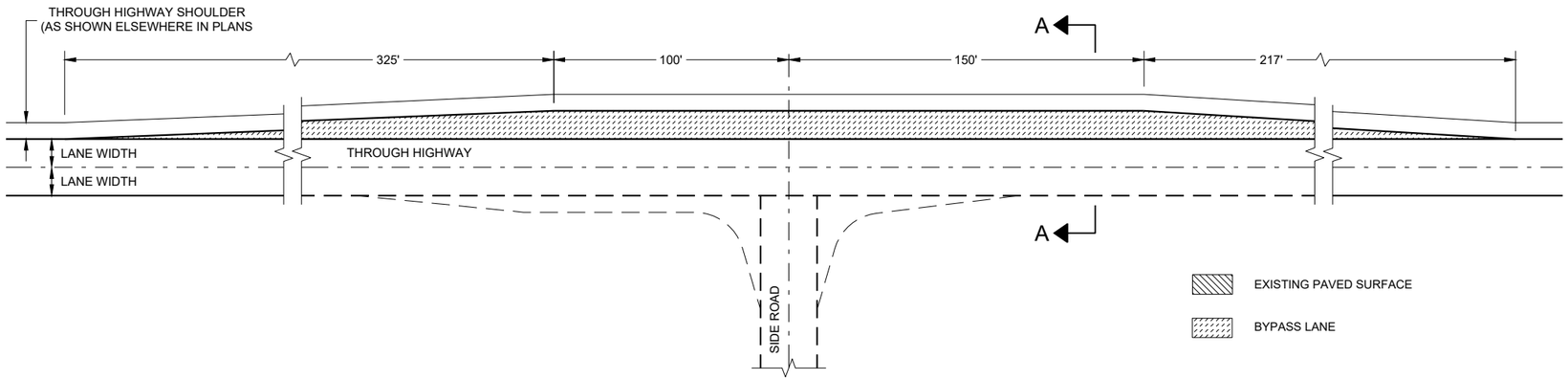


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

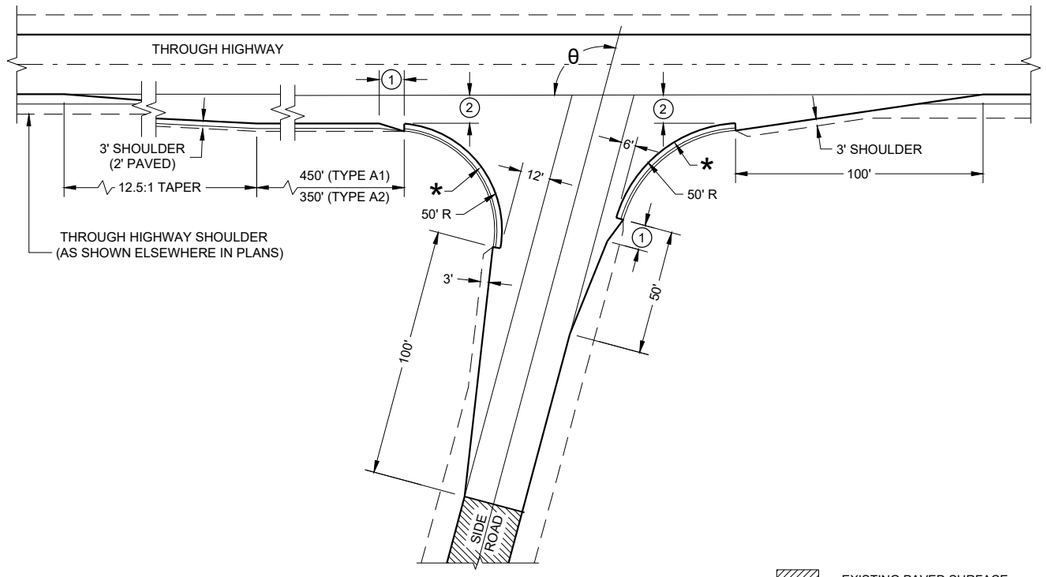
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

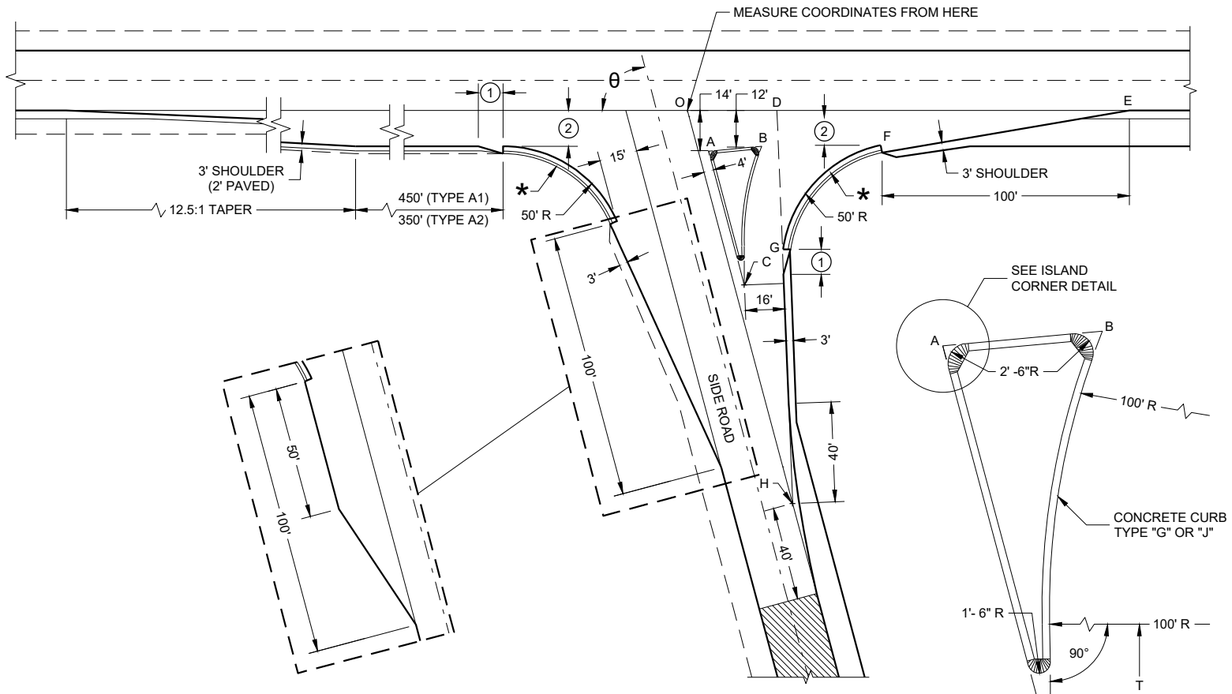
SDD 09A01 - 14a

6

SDD 09A01 - 14a

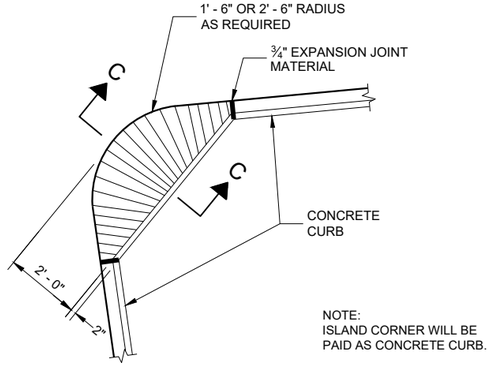


θ = MORE THAN 80°



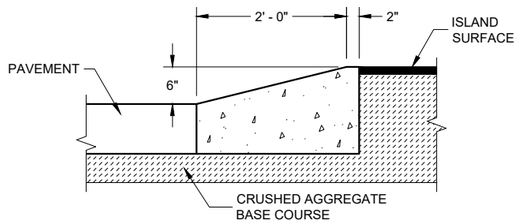
SIDE ROAD WIDENING AND TAPER REQUIRED WHERE
THE THROUGH HIGHWAY CARRIES TWO-WAY TRAFFIC
θ = ACUTE ANGLES 70° OR LESS

θ = ACUTE ANGLES 80° OR LESS



NOTE:
ISLAND CORNER WILL BE
PAID AS CONCRETE CURB.

PLAN VIEW



SECTION C - C

ISLAND CORNER DETAIL

(TO BE CONSTUCTED AT ALL ISLAND CORNERS)

TABLE OF DIMENSIONS FOR VARIABLE SIDE ROAD INTERSECTION ANGLES

(INTERPOLATE VALUES FOR ANGLES NOT SHOWN)

ANGLE θ DEGREES	COORDINATES IN FEET (MEASURED FROM POINT 'O') X / Y								LENGTH IN FEET				
	A	B	C	D	E	F	G	H	AB	AC	T	OJ	OH
60	12.7 / -14.0	44.9 / -12.0	46.4 / -72.4	41.9 / 0.0	205.0 / 0.0	104.6 / -12.0	64.0 / -75.5	85.0 / -147.1	32.3	67.4	4.9	85.9	169.9
65	10.9 / -14.0	39.0 / -12.0	37.8 / -71.6	39.4 / 0.0	196.1 / 0.0	95.7 / -12.0	54.1 / -71.5	70.5 / -151.3	28.2	63.6	8.5	80.9	166.9
70	9.4 / -14.0	33.9 / -12.0	29.8 / -70.1	37.4 / 0.0	188.3 / 0.0	87.8 / -12.0	45.6 / -67.5	56.1 / -154.2	24.6	59.7	11.5	76.1	164.1
75	7.9 / -14.0	29.3 / -12.0	22.3 / -67.9	35.7 / 0.0	181.2 / 0.0	80.7 / -12.0	38.2 / -63.4	41.8 / -155.9	21.5	55.8	13.8	71.4	161.4
80	6.5 / -14.0	25.4 / -12.0	15.6 / -65.2	34.4 / 0.0	174.8 / 0.0	74.4 / -12.0	31.8 / -59.3	27.6 / -156.5	18.9	52.0	15.6	66.9	158.9

TYPE 'A1" AND "A2" SIDE ROAD INTERSECTION DETAILS

AT GRADE SIDE ROAD INTERSECTIONS
TYPES "A1" AND "A2"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER
FHWA

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SDD 09A01 - 14b
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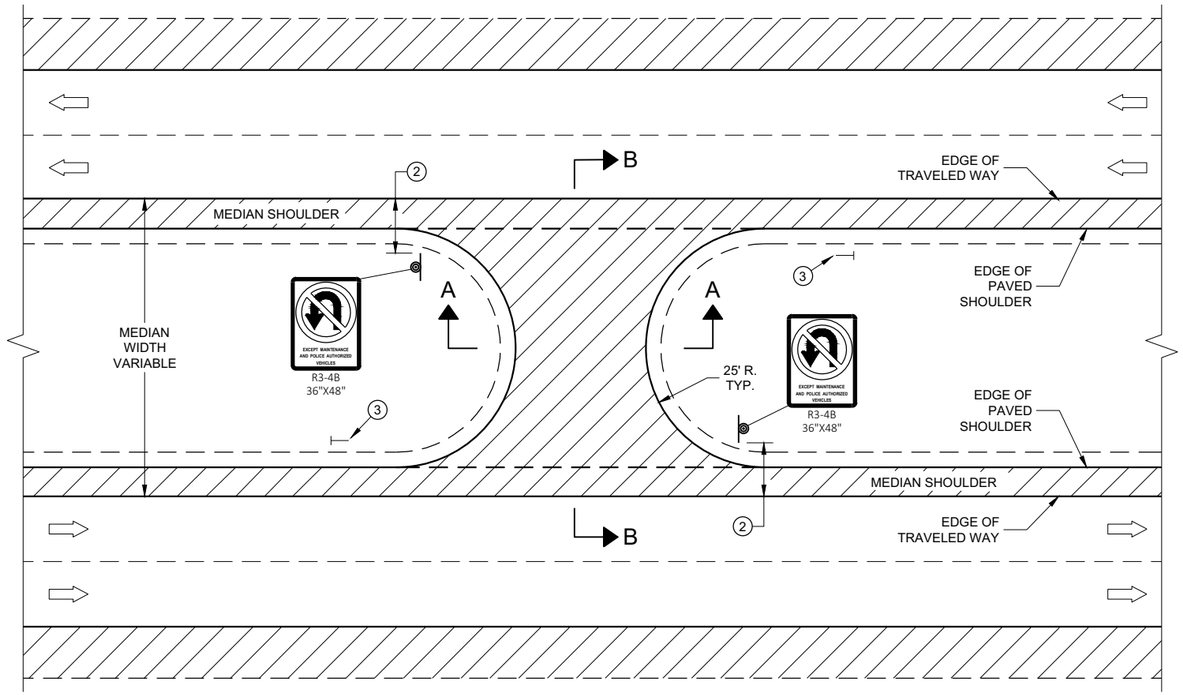
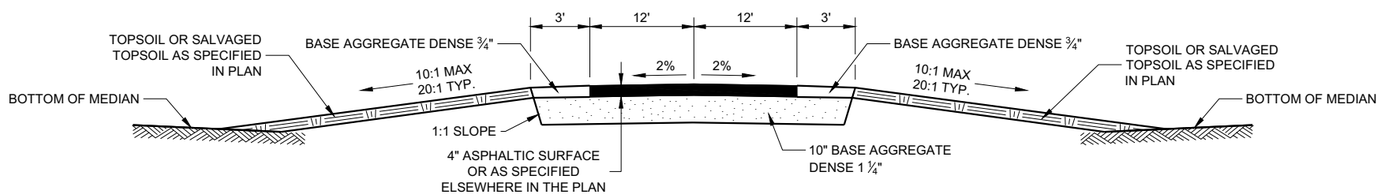
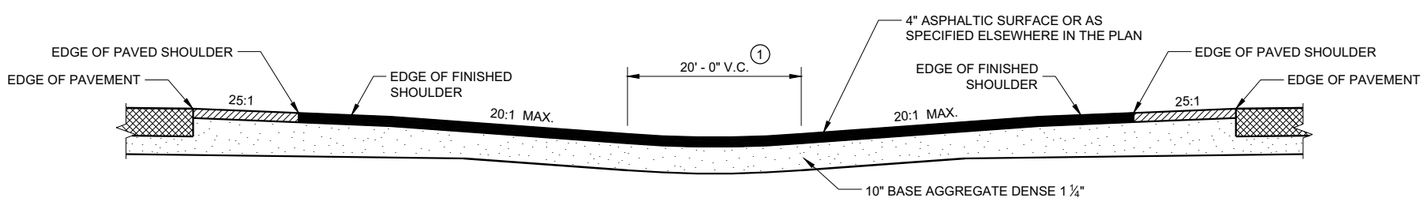


PLAN VIEW



SECTION A-A



SECTION B-B

GENERAL NOTES

1. ADJUST VERTICAL CURVE LOCATION LATERALLY TO MAINTAIN 20:1 MAX.
2. SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.
3. INSTALL DELINEATOR. SEE STANDARD DETAIL DRAWING 15A4.

LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR
- DIRECTION OF TRAFFIC

MAINTENANCE CROSSOVER FOR FREEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
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/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

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SDD 11A01 - 06

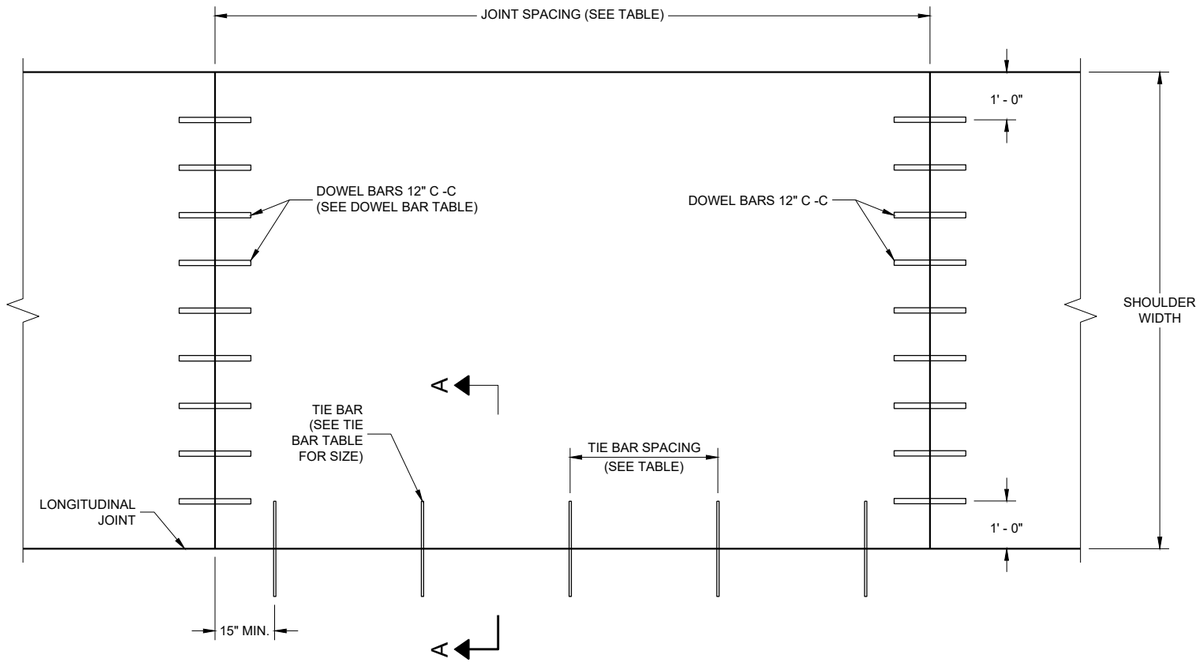
GENERAL NOTES

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

TRANSVERSE JOINT DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

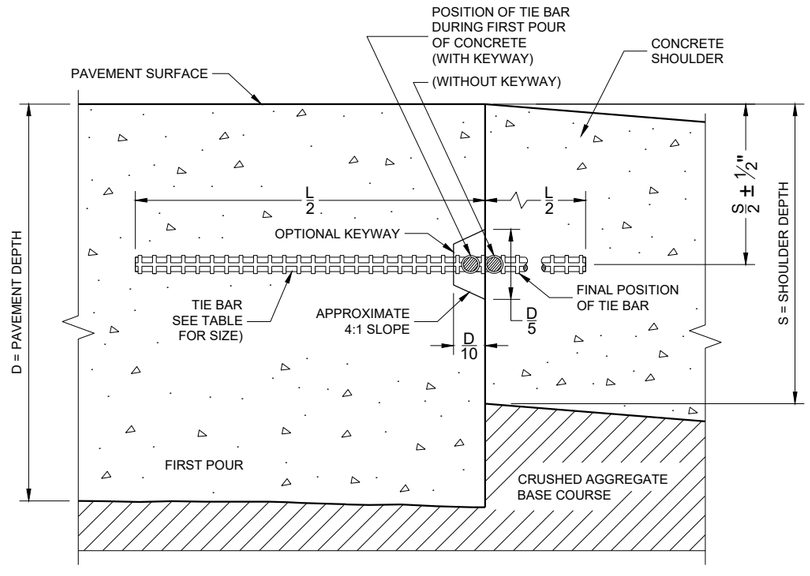
FINISH THE SHOULDER PAVEMENT CONFORMING TO SUBSECTION 415.3.8 OF THE STANDARD SPECIFICATIONS.

TIE BARS SHALL CONFORM TO SUBSECTION 505.2.4 OF THE STANDARD SPECIFICATIONS.



PLAN VIEW

CONCRETE PAVEMENT SHOULDER



SECTION A - A

LONGITUDINAL CONSTRUCTION JOINT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
<10 ½"	NO. 4	30"	36"
>10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BATS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES.

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER ***	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12"
7", 7 ½"	1"	14"
8" & ABOVE	1 ¼"	15"

*** FOR DOWELED CONCRETE SHOULDERS WITH TRAPEZOIDAL CROSS SECTIONS, CHOSE THE APPROPRIATE DOWEL BAR DIAMETER BASED ON THE SMALLER PAVEMENT DEPTH (LIKELY THE OUTSIDE EDGE OF THE SHOULDER). IF USING BASKETS, USE BASKETS FRO THE AVERAGE THICKNESS OF THE CROSS SECTION.

CONCRETE PAVEMENT SHOULDERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Peter Kemp — PAVEMENT SUPERVIS
FHWA

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SDD 13A03 - 07

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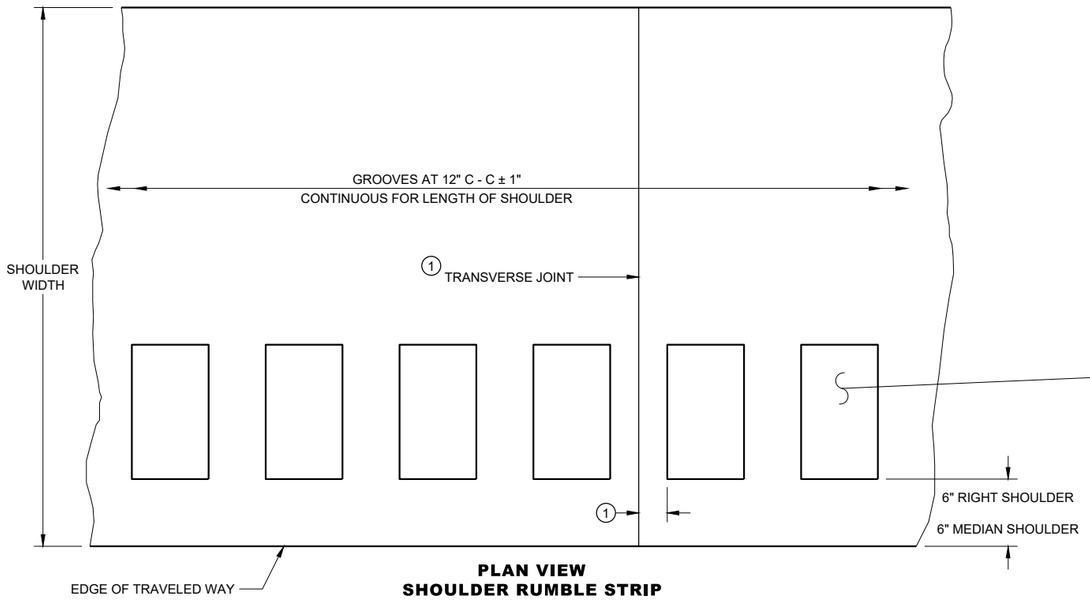
SDD 13A03 - 07

GENERAL NOTES

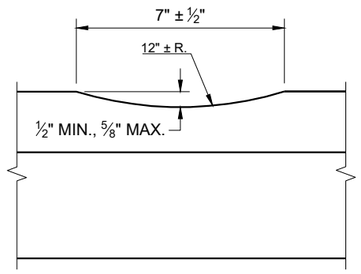
SDD 13A5, SHEET "b" SHOWS THE LOCATION OF THE RUMBLE STRIPS AT RAMP AND GORE LOCATIONS.

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.

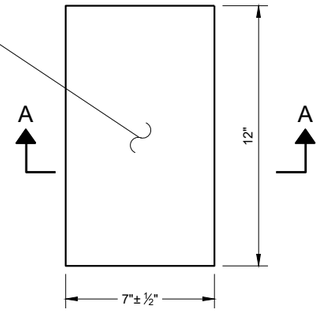
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6 INCHES AWAY FROM TRANSVERSE JOINTS.



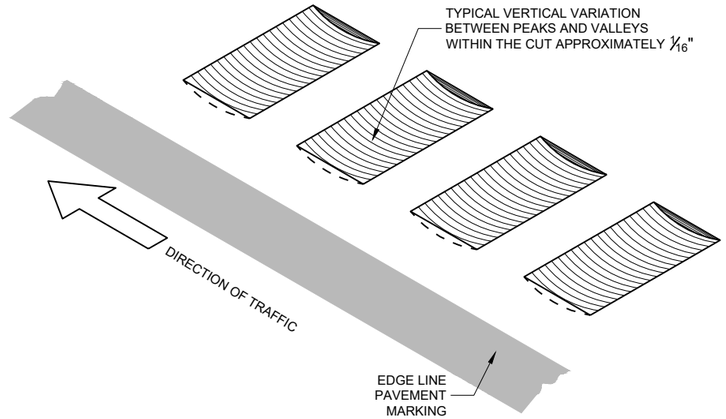
PLAN VIEW
SHOULDER RUMBLE STRIP



SECTION A - A

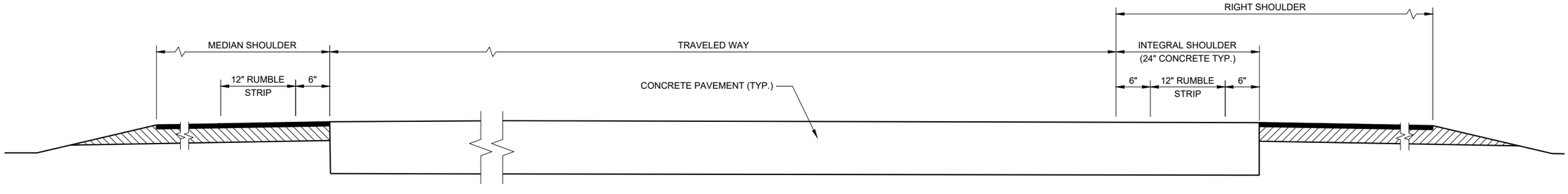


PLAN VIEW
(SINGLE GROOVE)



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

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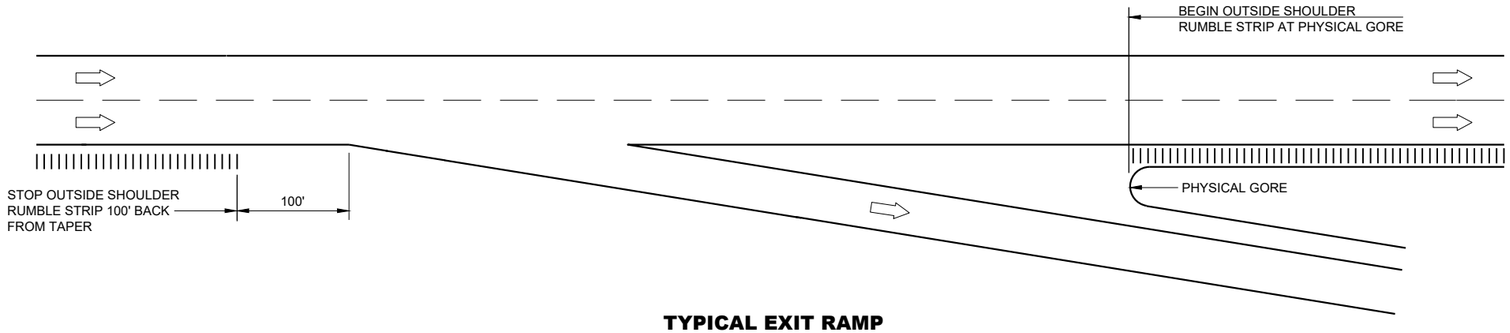
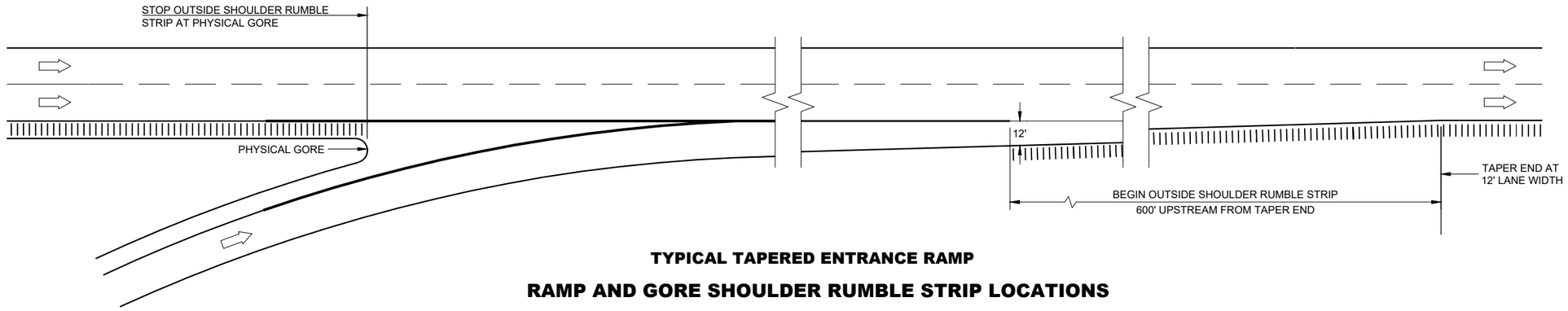
SDD 13A05-06a

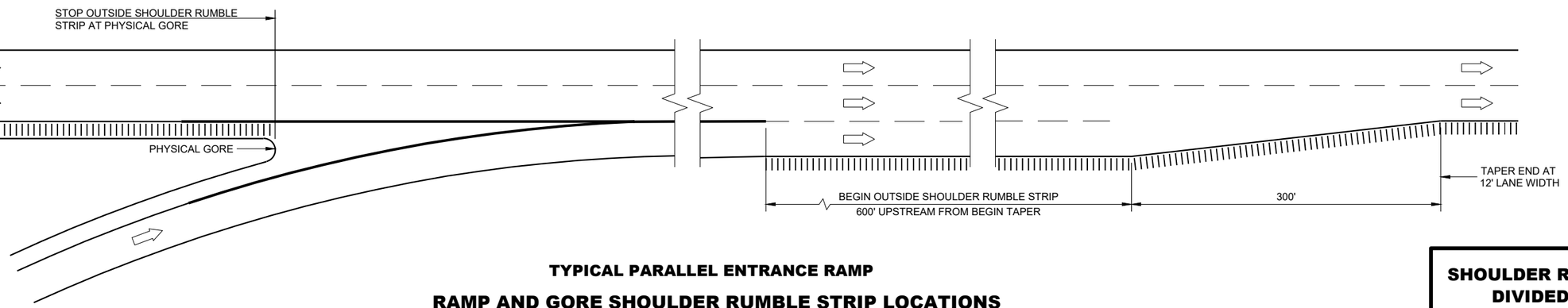


TYPICAL EXIT RAMP



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE SHOULDER RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL 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

SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodney Taylor — ROADWAY DESIGN STANDARDS UNIT SUPERVISOR

FHWA

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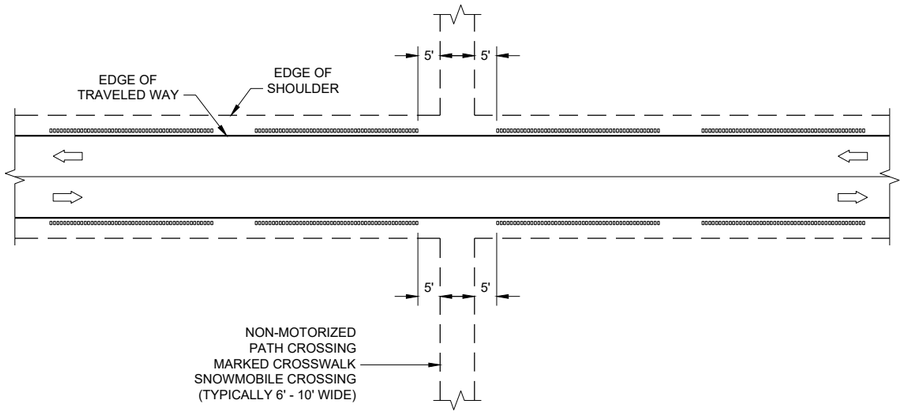
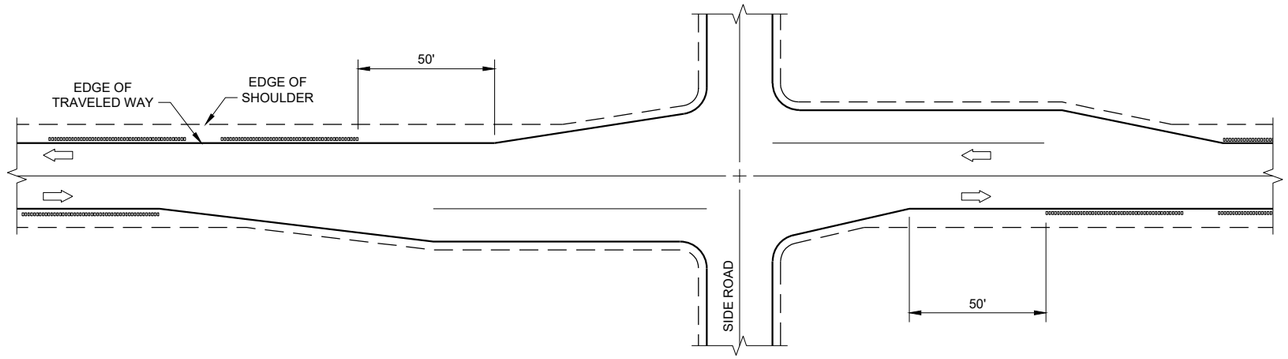
SDD 13A05-06b

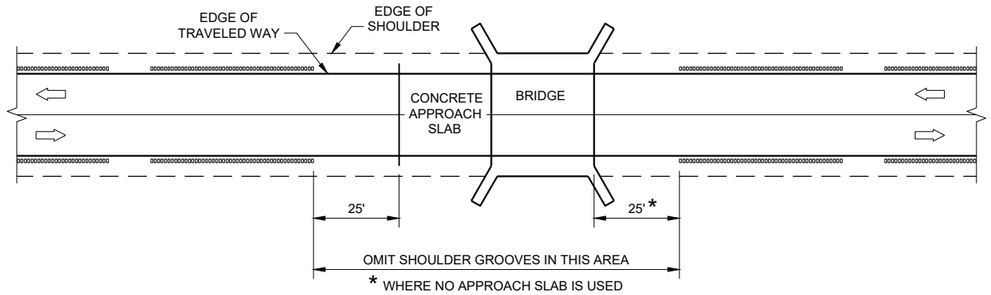
SDD 13A05-06b



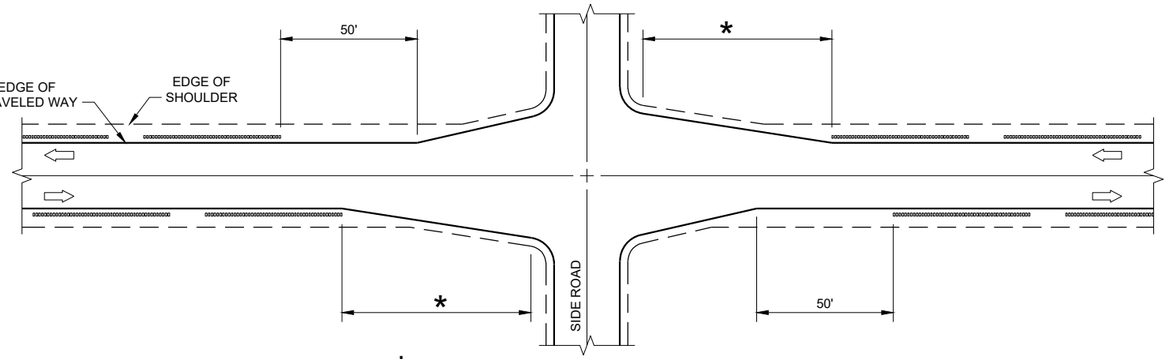
GROOVES AT MISCELLANEOUS CROSSINGS



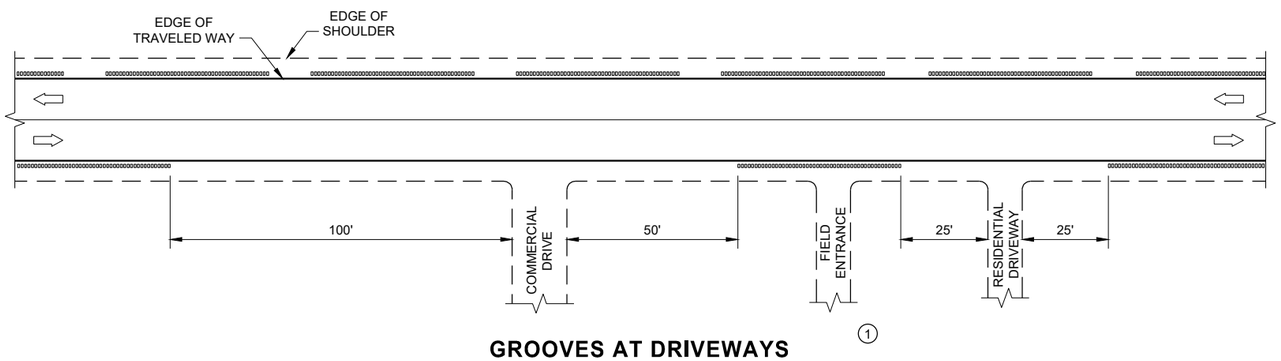
GROOVES AT RIGHT TURN LANE



GROOVES AT BRIDGES



GROOVES AT INTERSECTIONS WITH APPROACH TAPER



GROOVES AT DRIVEWAYS ①

GENERAL NOTES

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

SHOULDER AND EDGE LINE RUMBLE STRIPS CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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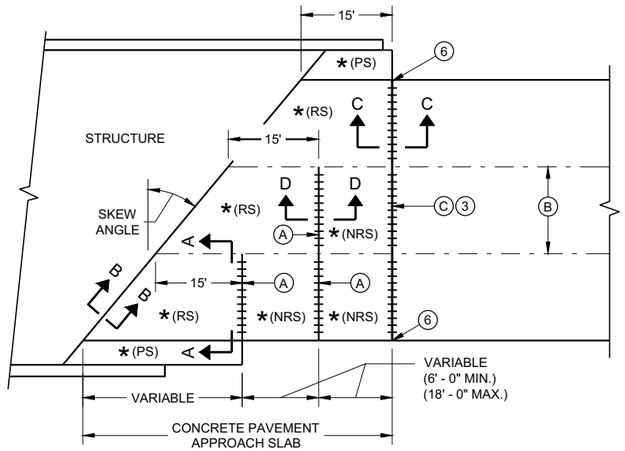
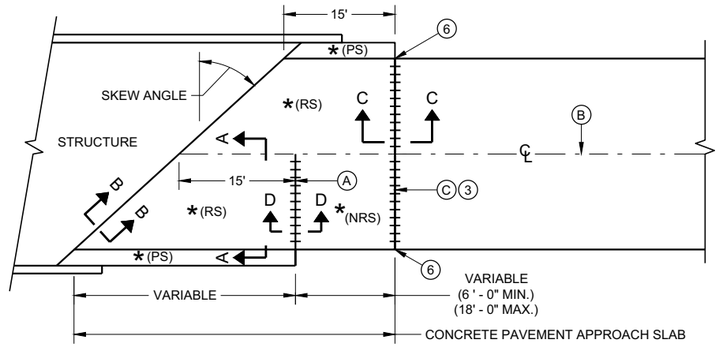
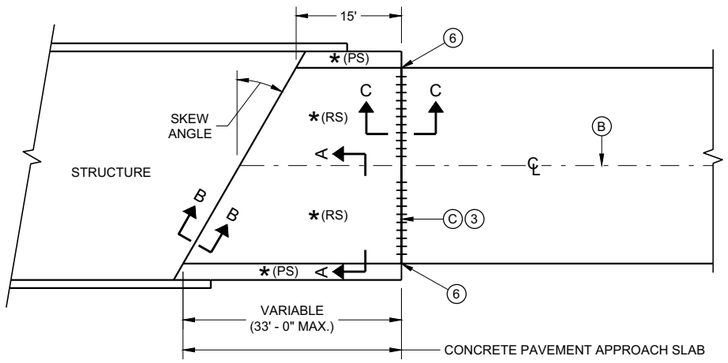
SDD 13A10 - 03g



SKEWED APPROACH
(PAVEMENT MORE THAN TWO LANES)



SKEWS > 20°
(PAVEMENT WIDTH ≤ 30')



SKEWS ≤ 20°
(PAVEMENT WIDTH ≤ 30')

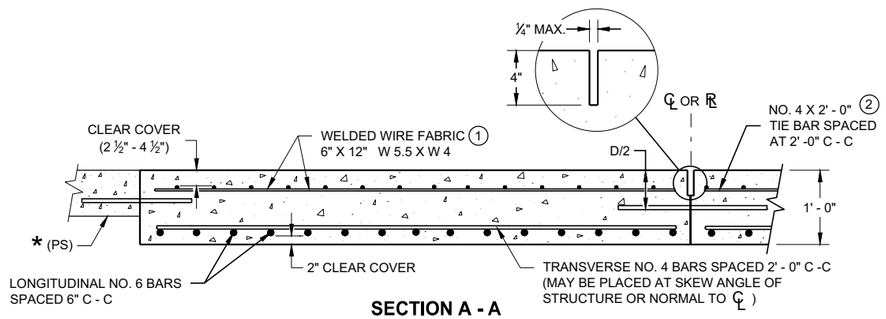
APPROACH SLAB AND ADJACENT PAVEMENT

* (RS) = REINFORCED CONCRETE SLAB

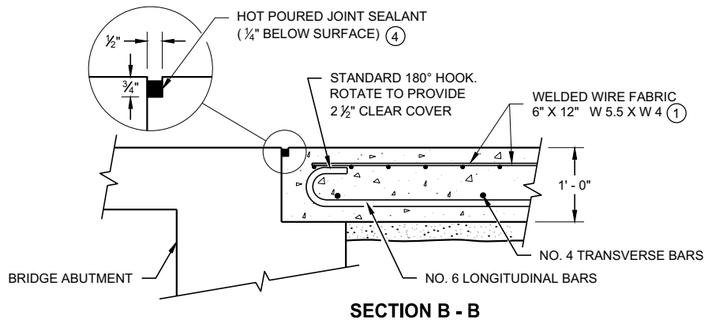
* (PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB

* (NRS) - NON - REINFORCED CONCRETE SLAB

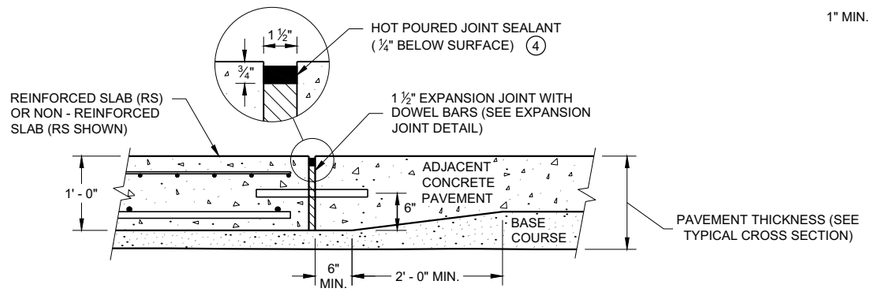
*** STANDARD DOWEL BAR DIAMETER (SEE SDD 13C11 AND SDD 13C13)



SECTION A - A
REINFORCEMENT POSITIONING DETAIL



SECTION B - B
BEND DETAIL
BOTTOM REINFORCEMENT



SECTION C - C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

(1) THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2' - 0 " C - C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

(2) THE CONTRACTOR MAY OMIT THE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

(3) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

(4) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

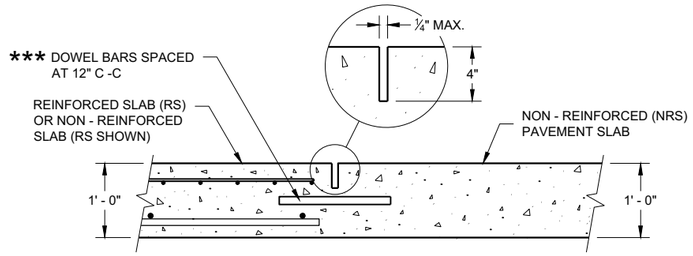
(5) PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.

(6) EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.

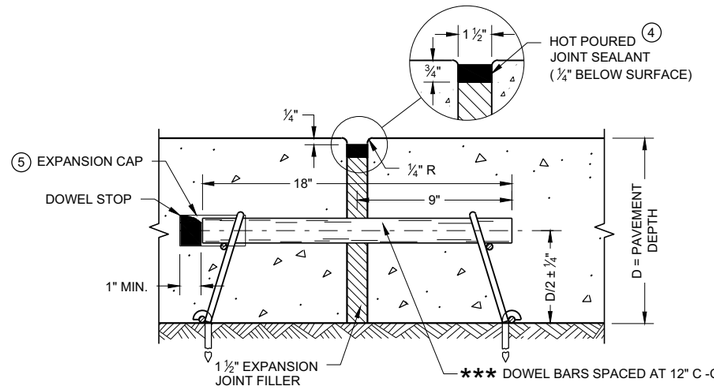
(A) STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℞.

(B) STANDARD LONGITUDINAL JOINT WITH TIE BARS.

(C) 1 ½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℞ .



SECTION D - D
CONTRACTION JOINT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

FHWA

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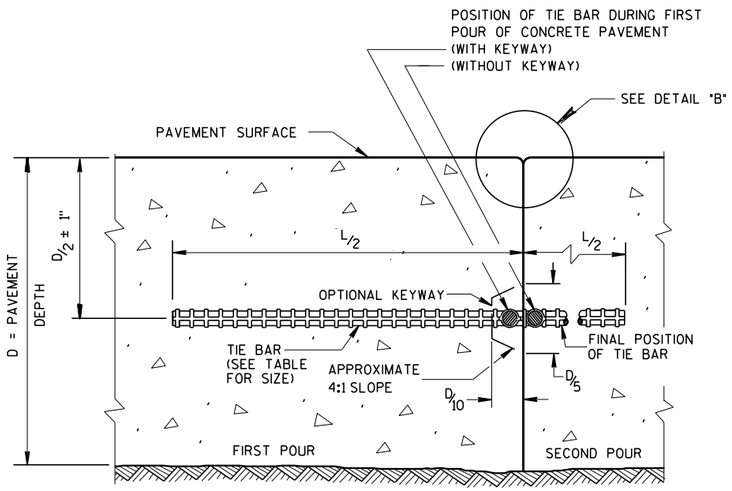
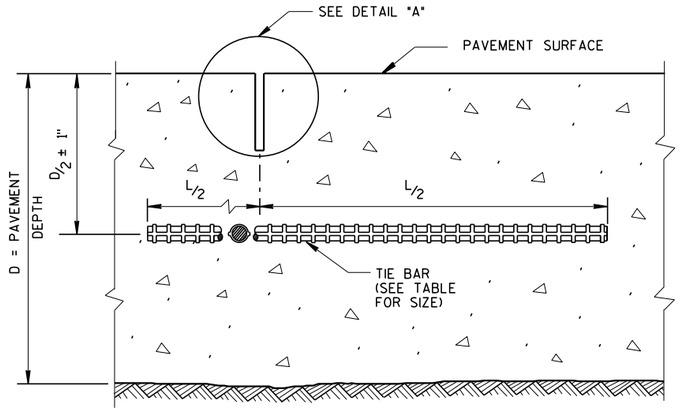


CONSTRUCTION JOINT



SAWED JOINT

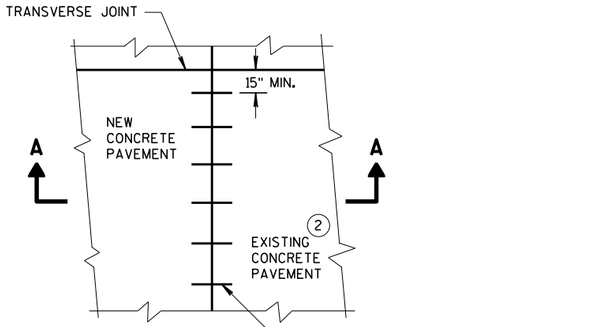
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

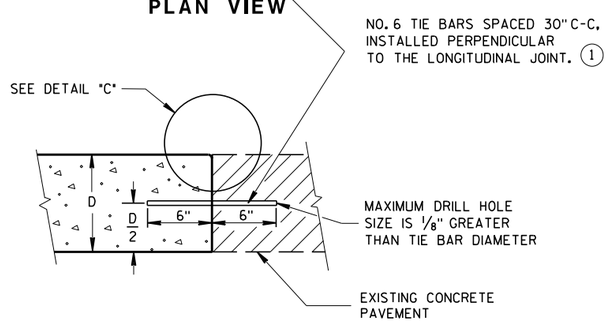
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

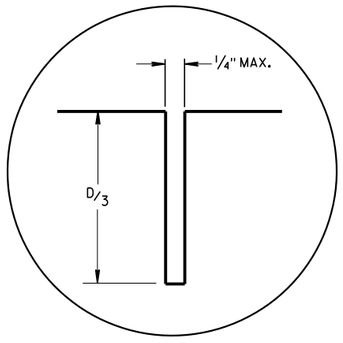


PLAN VIEW

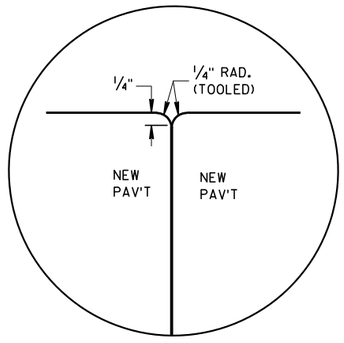


SECTION A-A

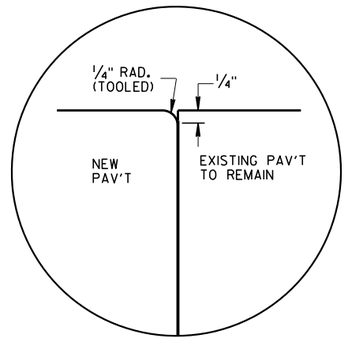
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



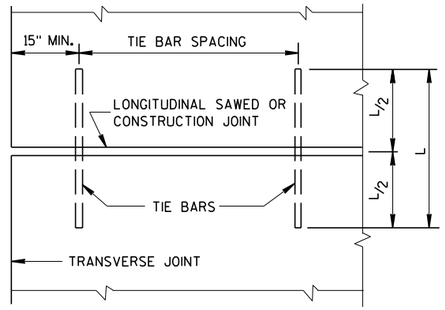
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUPE
FHWA

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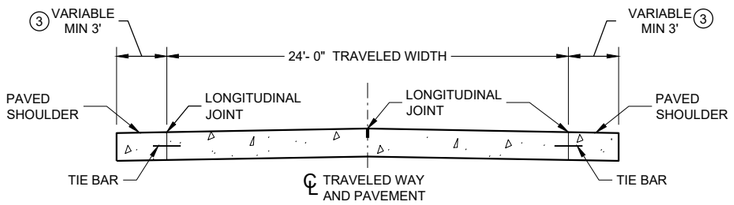
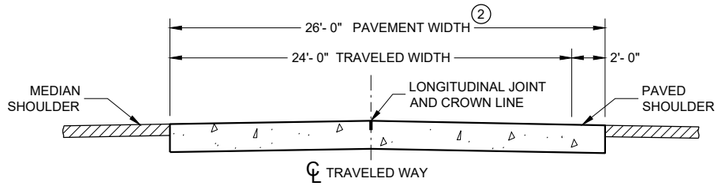
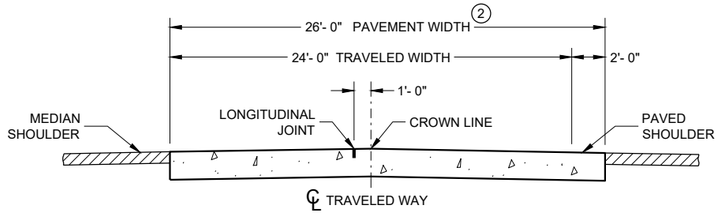


SECTION A - A

TWO-LANE TWO-WAY HIGHWAY (1)



SECTION B - B



ALTERNATIVE SECTION B - B

DIVIDED HIGHWAY (1)

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

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

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

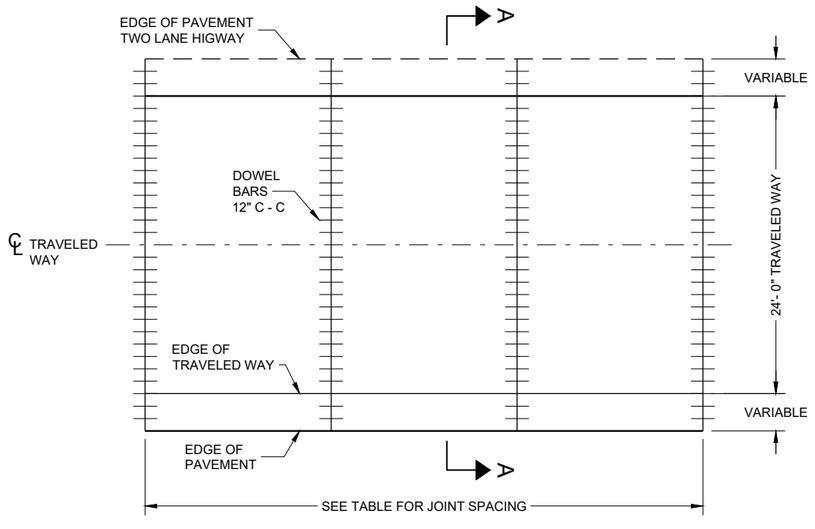
(1) REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

(2) MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED "PAVED SHOULDER" AS CONCRETE PAVEMENT.

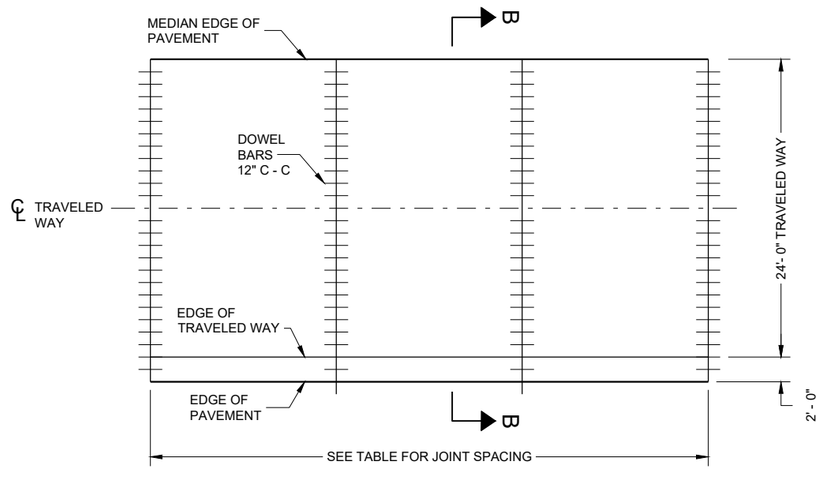
(3) SHOULDER WIDTHS LESS THAN 3 FEET SHALL BE PAVED INTEGRAL TO THE MAINLINE CONCRETE PAVEMENT, SEE SECTION B-B.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'



CONTRACTION JOINT LAYOUT FOR TWO-LANE TWO-WAY HIGHWAY



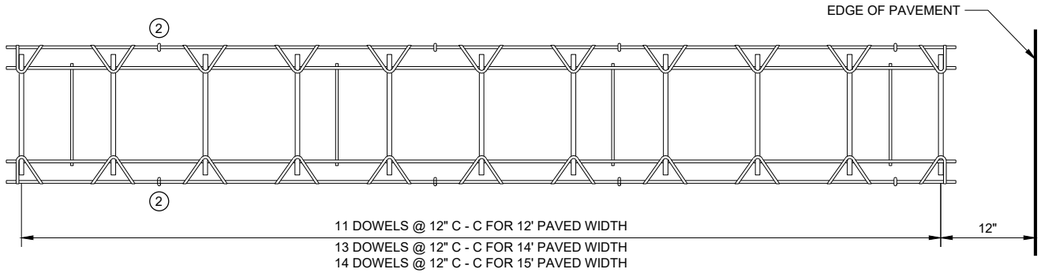
CONTRACTION JOINT LAYOUT FOR DIVIDED HIGHWAY

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD13C11 - 14a



PLAN VIEW

SIDE VIEW

(NORMAL TO CENTERLINE)

CONTRACTION JOINT DOWEL ASSEMBLY (1)

GENERAL NOTES

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

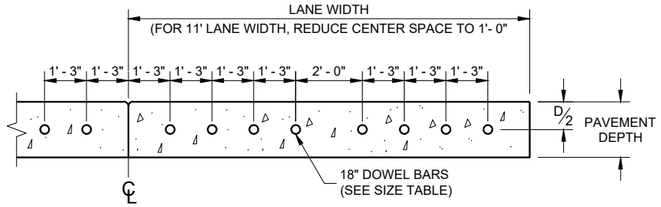
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

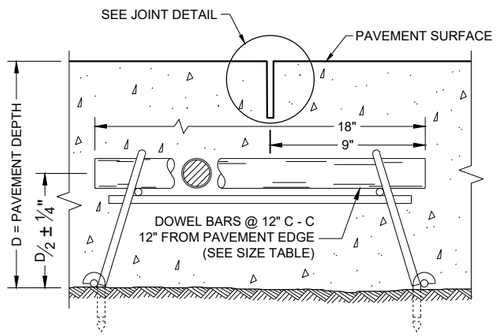
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

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

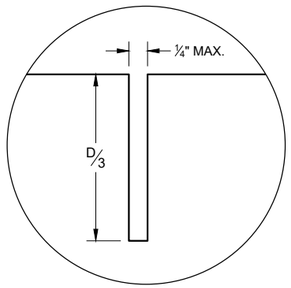
(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



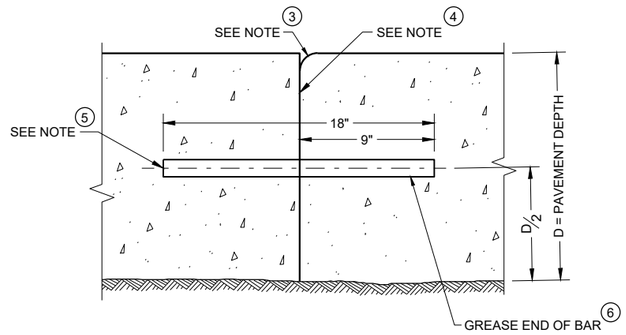
DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



DOWELED CONTRACTION JOINT



JOINT DETAIL



TRANSVERSE CONSTRUCTION JOINT

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVISOR

FHWA

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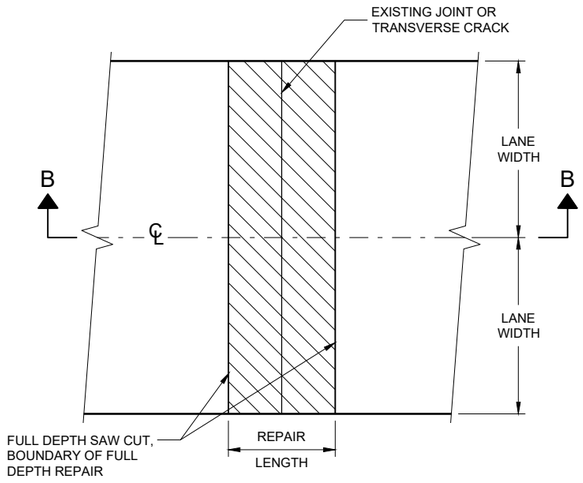
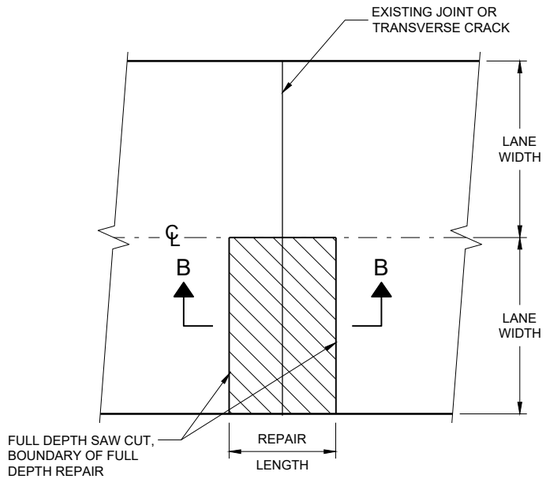


PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

GENERAL NOTES

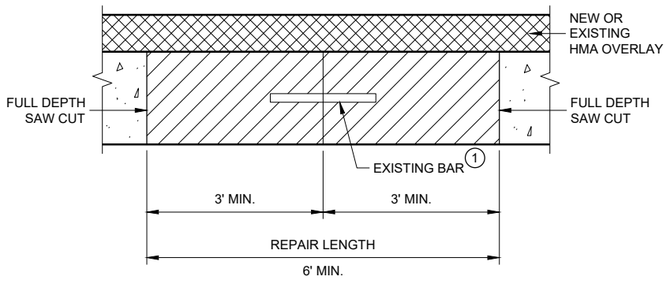
SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

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

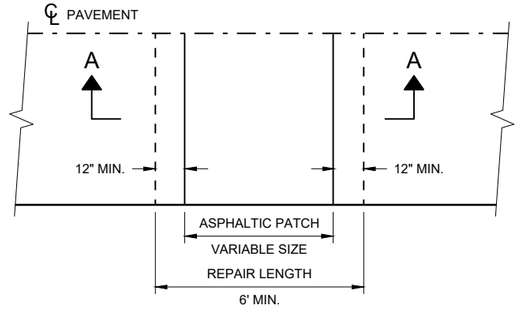
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

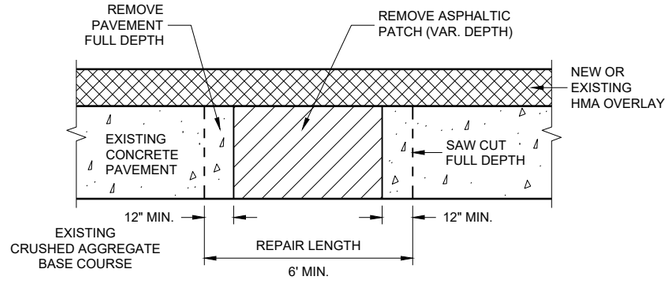
FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



PLAN VIEW



SECTION A - A

HMA PATCH REMOVAL

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

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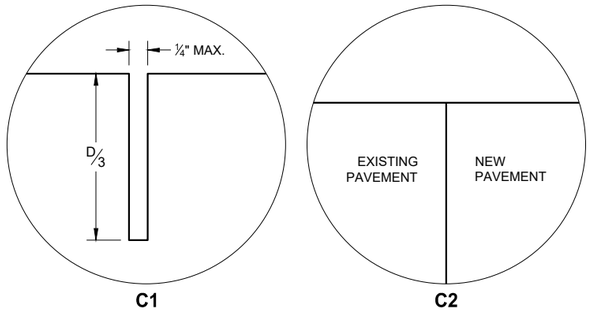
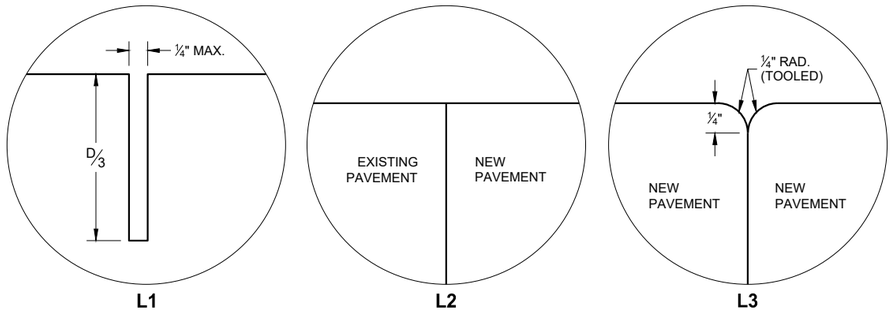
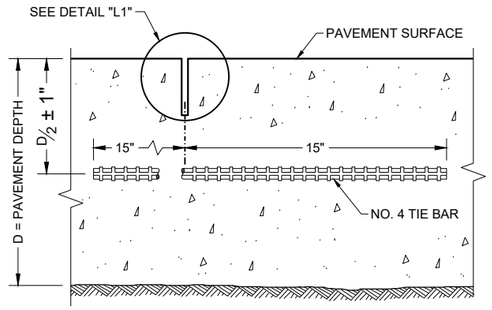
SDD 13C14 - 07a



TRANSVERSE JOINTS

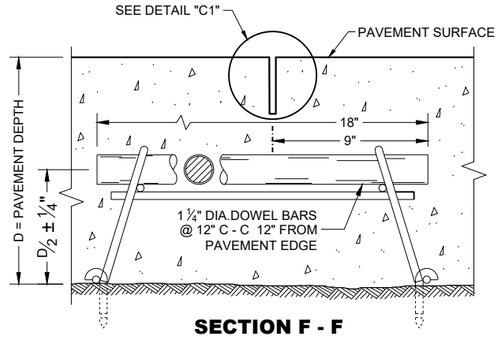


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

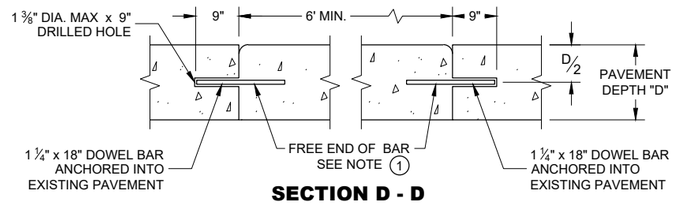
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

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

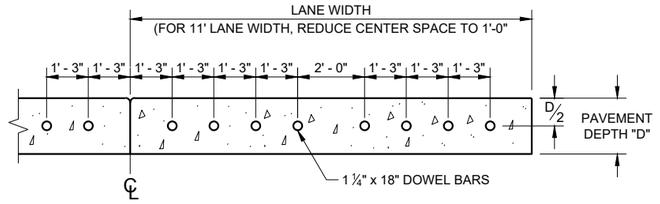
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

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.

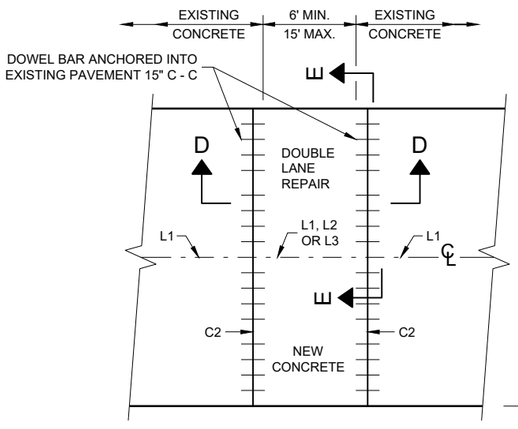


SECTION D - D



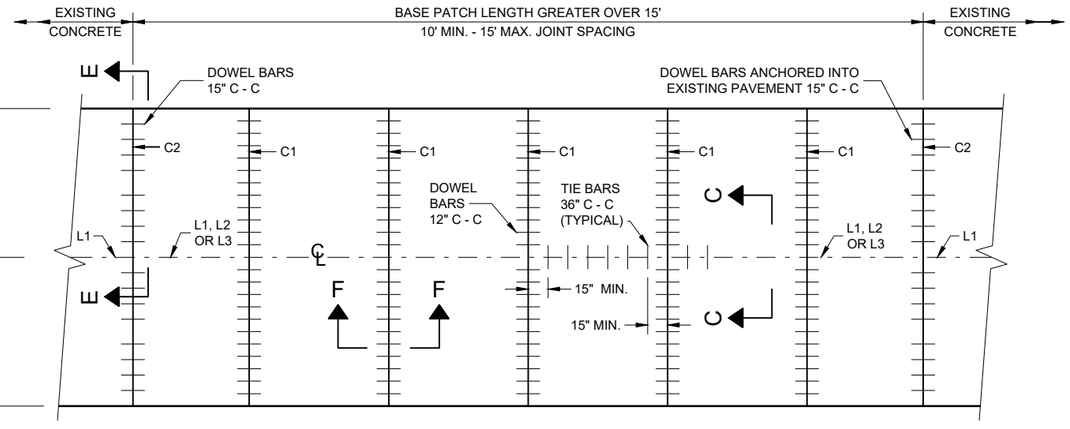
SECTION E - E

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 299

SDD 13C14 - 07b

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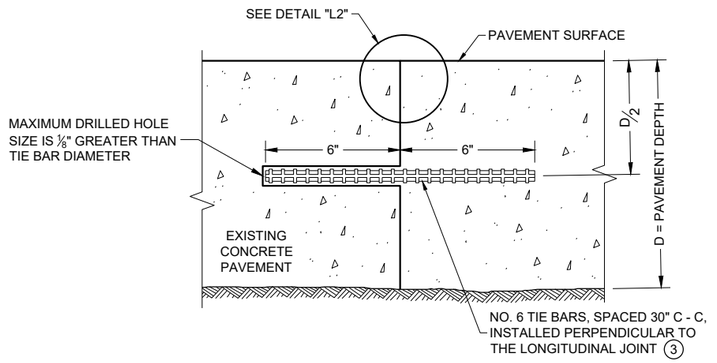
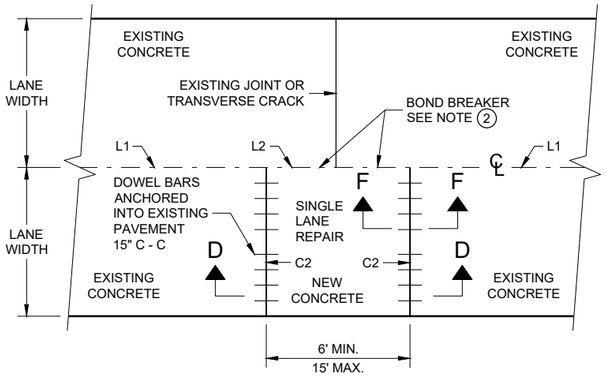


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

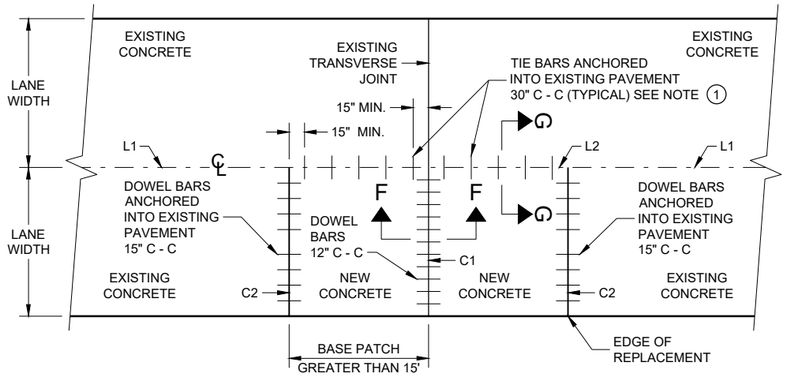
GENERAL NOTES

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

300

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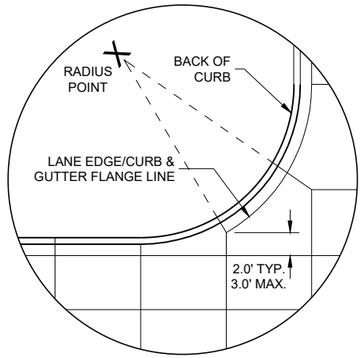
SDD 13C14 - 07c



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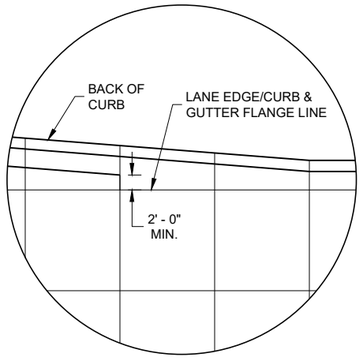

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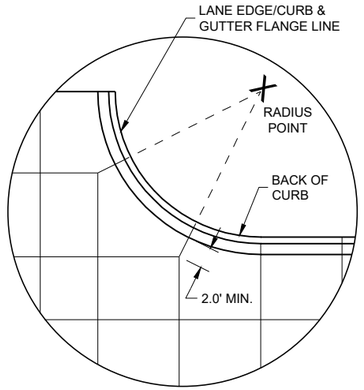

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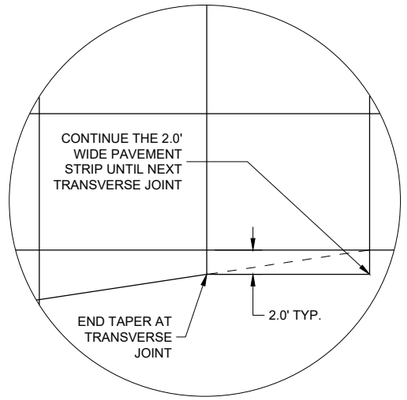


DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

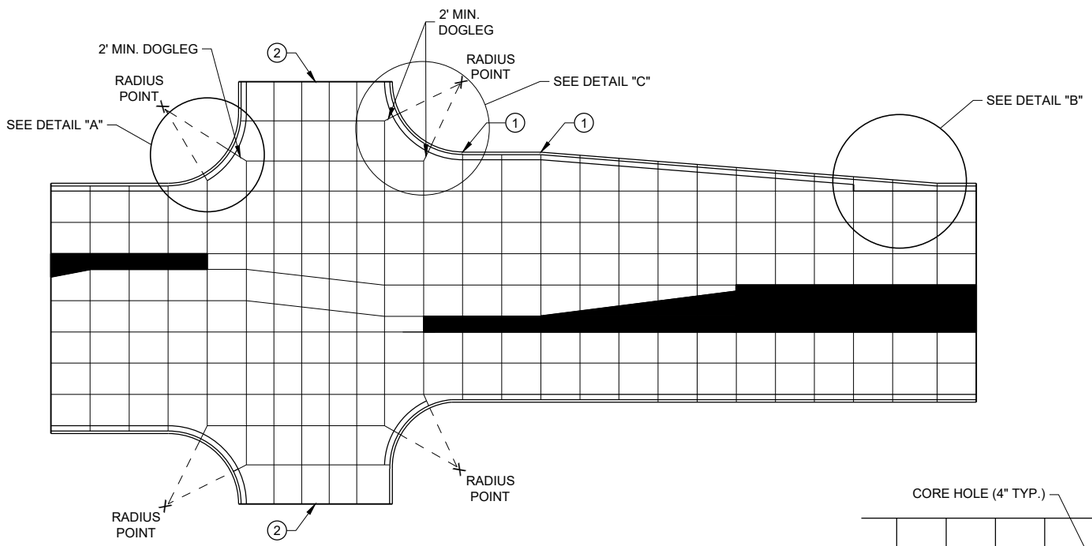
AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.

(2) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.

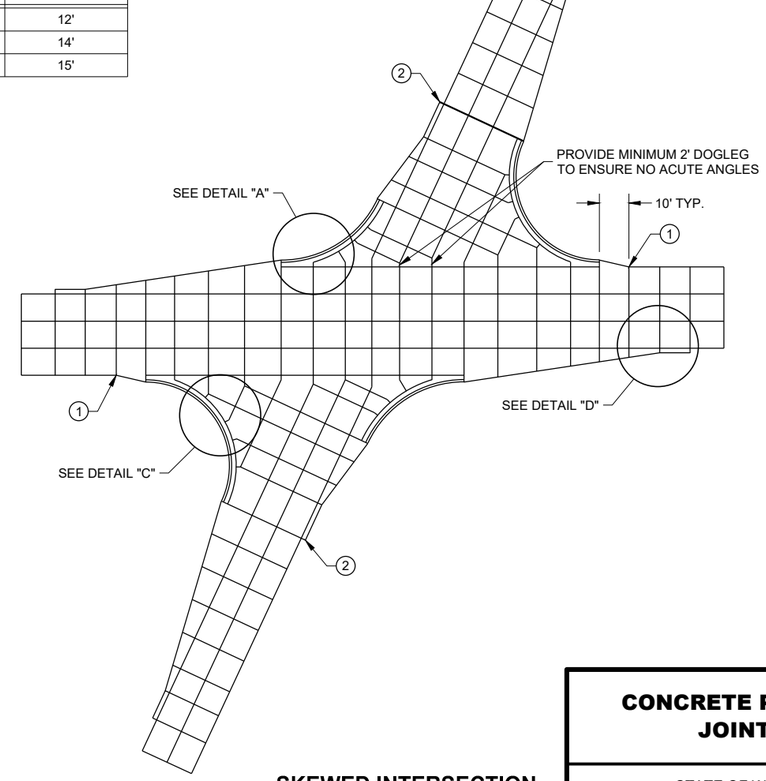
(3) THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



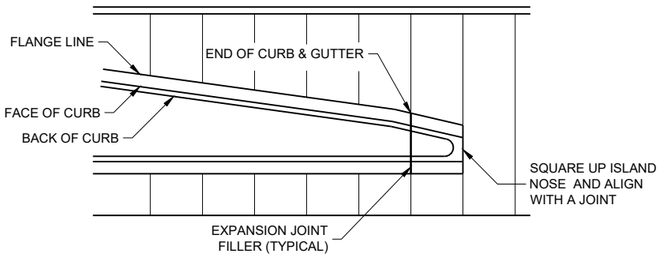
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

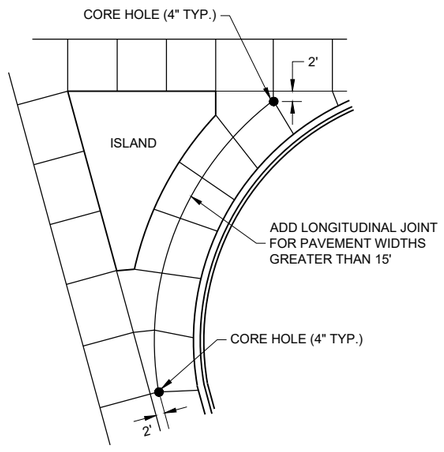
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

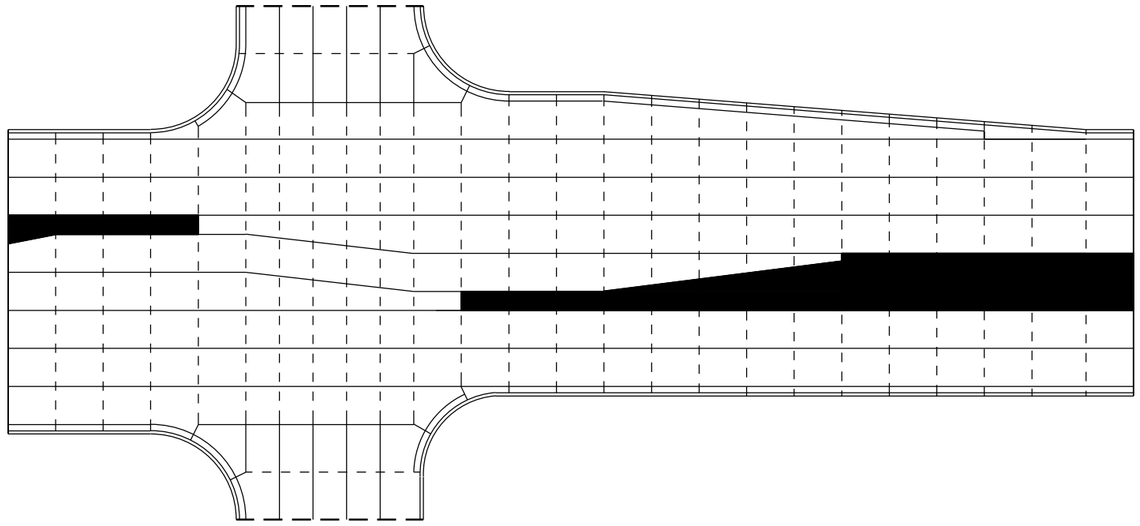
6
SDD 13C18 - 08a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

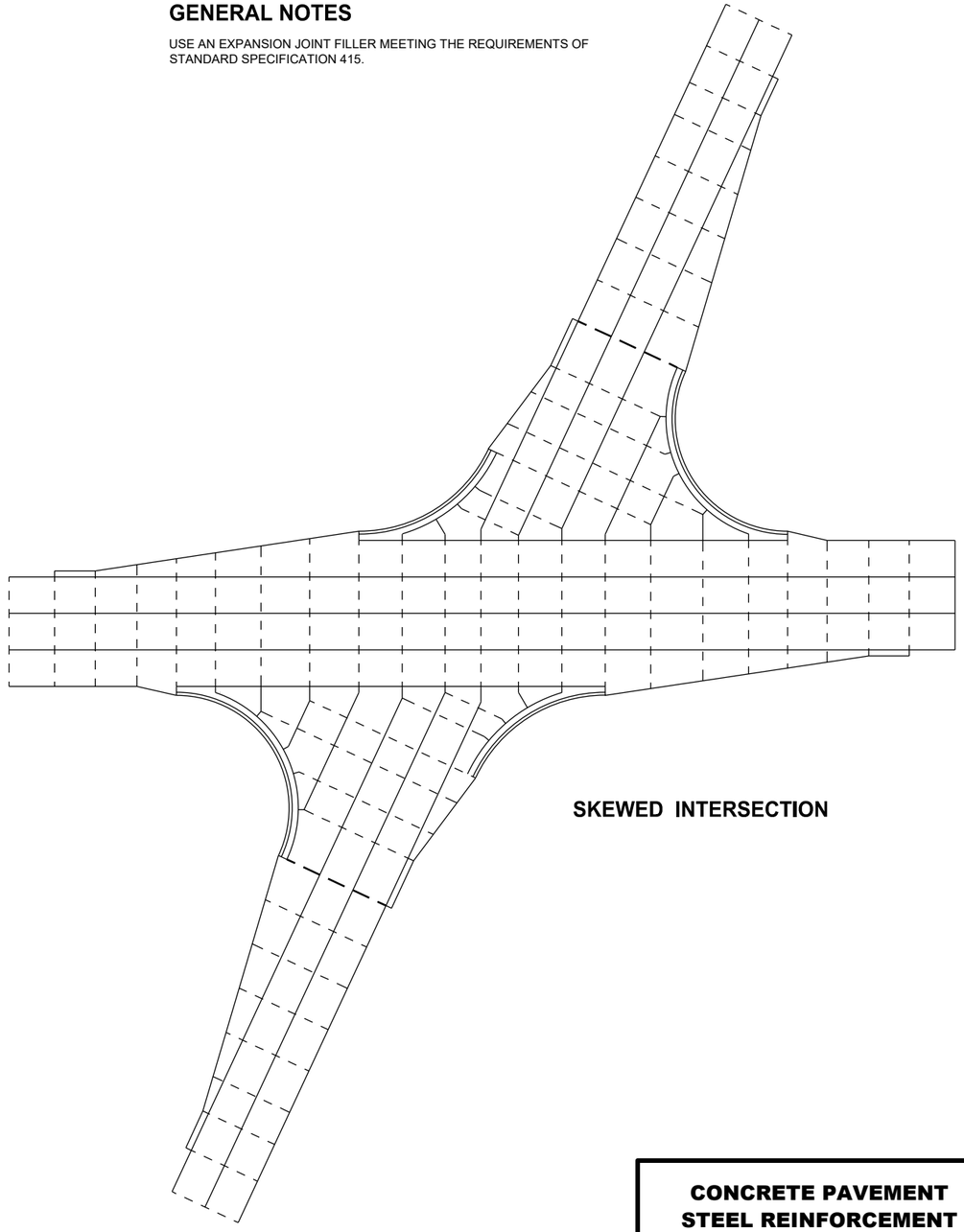
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

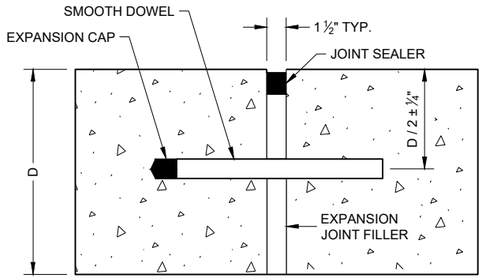
SDD 13C18 - 08b

CONCRETE PAVEMENT STEEL REINFORCEMENT

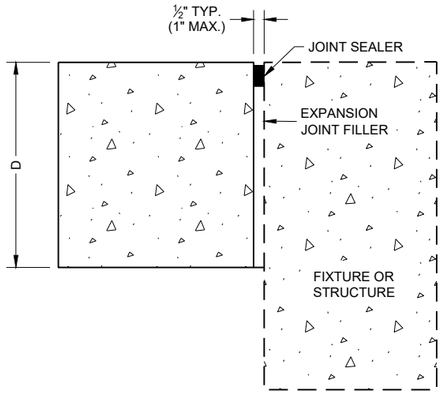
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

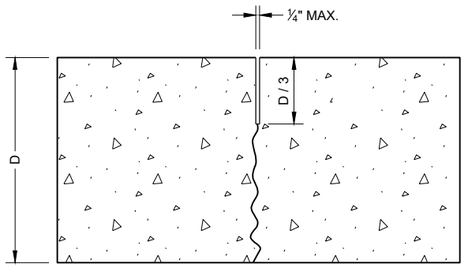
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

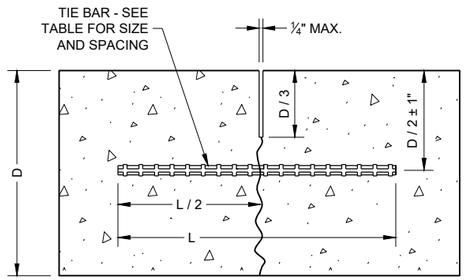
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

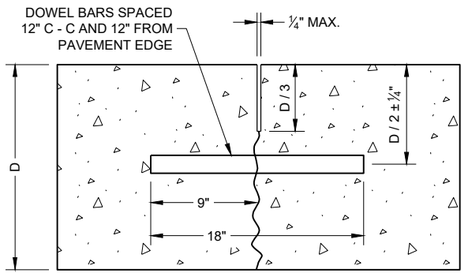
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



UNDOWELED TRANSVERSE

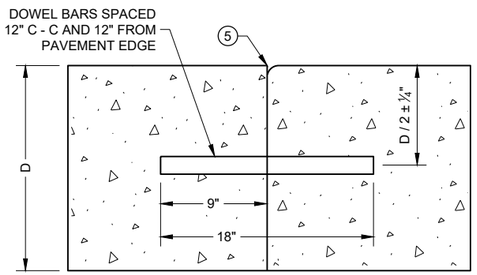


TIED LONGITUDINAL

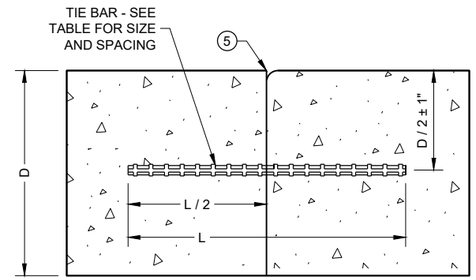


DOWELED TRANSVERSE

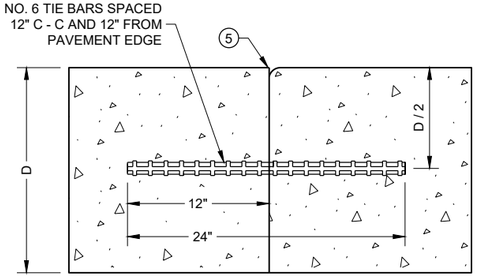
CONTRACTION JOINTS (2)



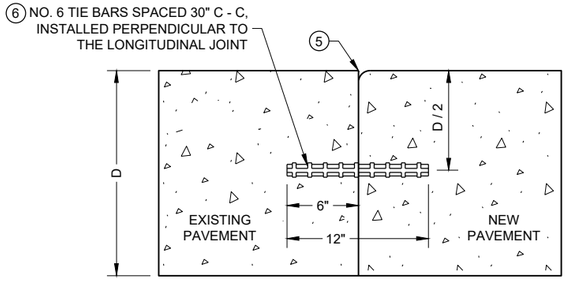
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

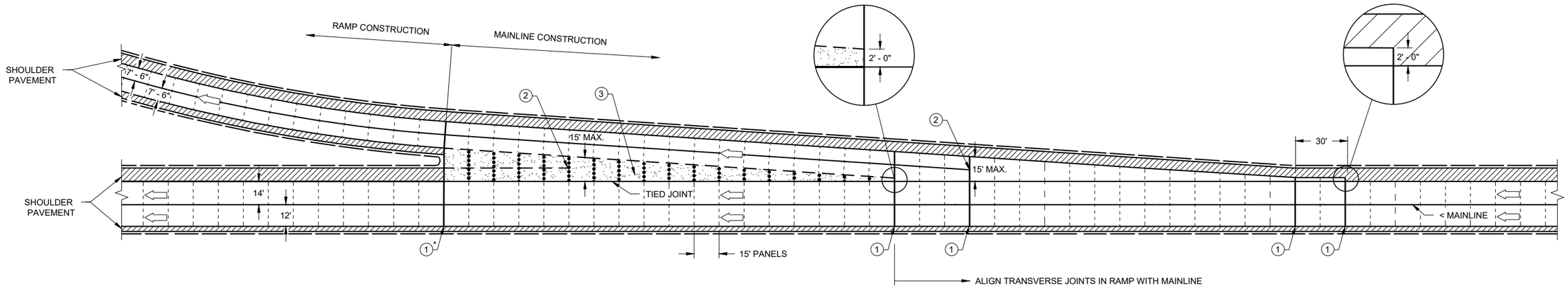
CONSTRUCTION JOINTS (4)

CONCRETE PAVEMENT JOINT TYPES

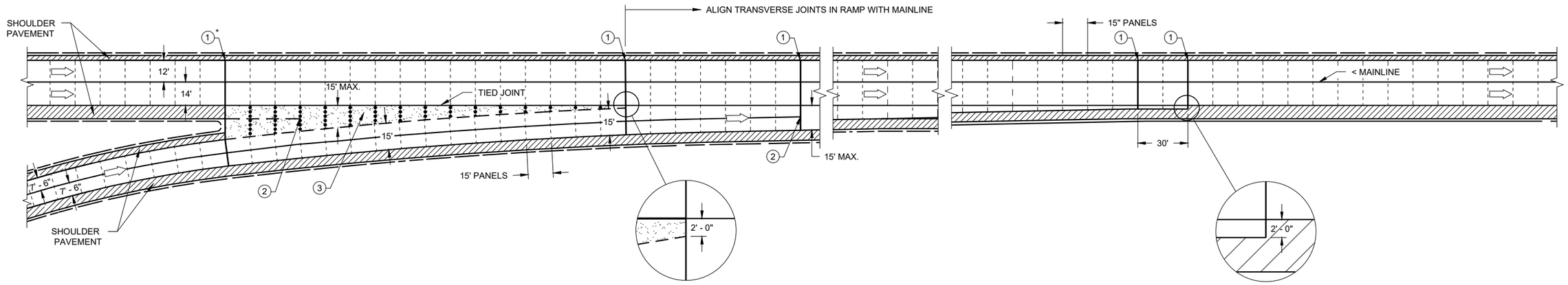
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08c



DECELERATION LANE



ACCELERATION LANE

GENERAL NOTES

PAVEMENT AND BASE THICKNESS, PANEL LENGTHS, JOINTS AND REINFORCEMENT FOR THE DECELERATION AND ACCELERATION LANES, INCLUDING TAPERS, SHALL BE THE SAME AS THE MAINLINE, EXCEPT WHERE OTHERWISE NOTED.

ALL REINFORCEMENT BARS SHALL BE EPOXY COATED CONFORMING TO SUBSECTION 505.2.6 OF THE STANDARD SPECIFICATIONS.

LANE AND SHOULDER WIDTHS MAY VARY FROM SHOWN. SEE CONSTRUCTION PLANS FOR ACTUAL PROPOSED WIDTHS.

(1) CRITICAL TRANSVERSE JOINT LOCATIONS AT PAVEMENT WIDTH CHANGES. ((1)* IS NOT A CRITICAL TRANSVERSE JOINT WHEN ASPHALTIC GORE IS INSTALLED).

(2) STOP LONGITUDINAL JOINT WITH CORE HOLE (2" TYP.) WHEN IT MEETS THE FIRST TRANSVERSE JOINT LESS THAN 15' WIDE OR STOP LONGITUDINAL JOINT WHEN IT MEETS 2' AWAY FROM THE TIED JOINT OF THE MAINLINE.

(3) DISREGARD THE JOINT DETAILS IN AND AROUND THE GORE WHEN ASPHALTIC GORE IS INSTALLED.

LEGEND

- DOWELED JOINT
- UNDOWELED JOINT
- TIED JOINT
- UNTIED JOINT
- GORE
- DIRECTION OF TRAVEL

CONCRETE PAVEMENT JOINTING ACCELERATION/ DECELERATION LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

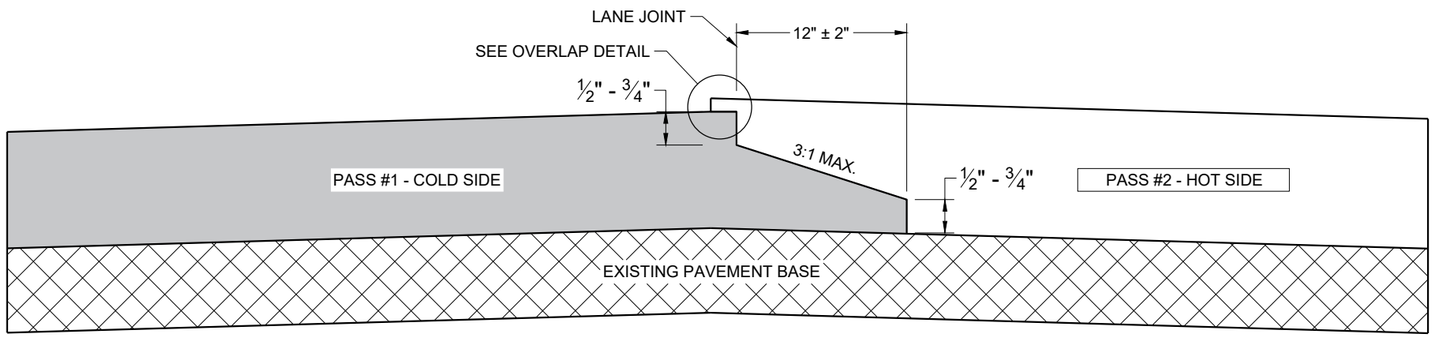
FHWA

6

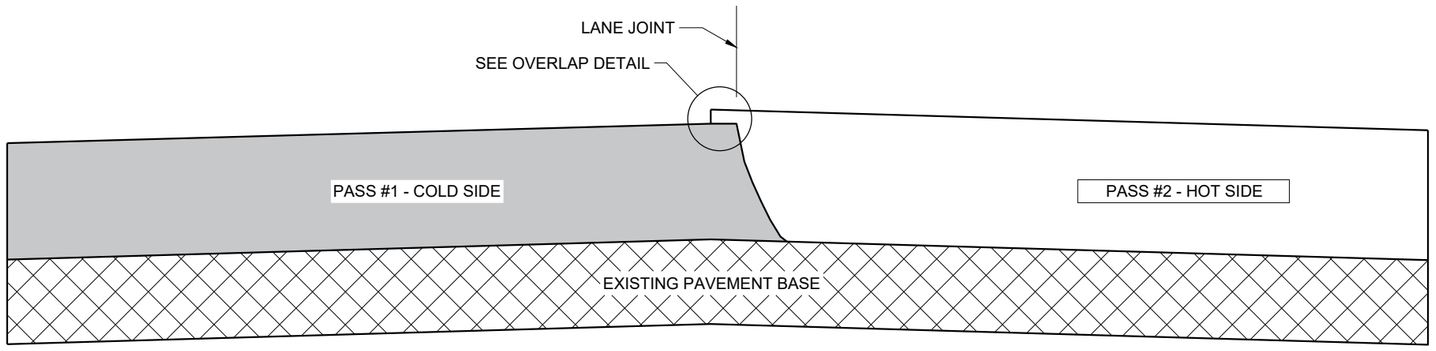
6

SDD13C18 - 08g

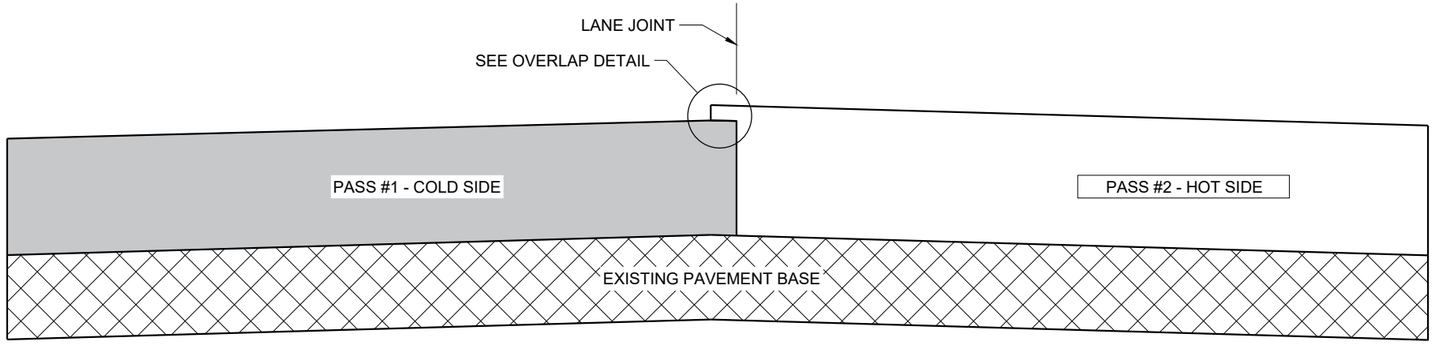
SDD13C18 - 08g



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

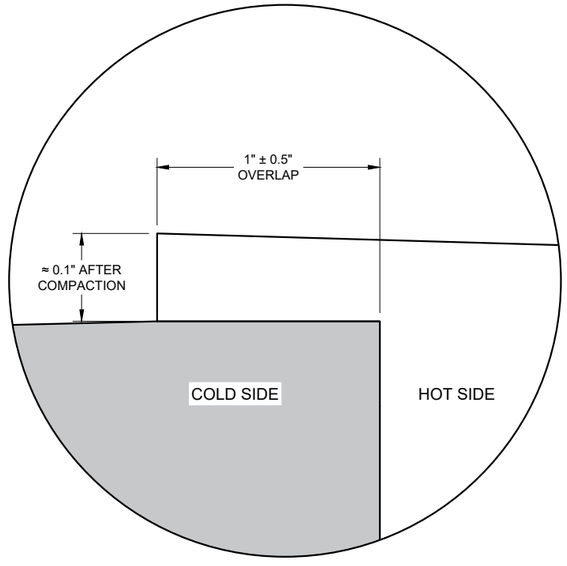
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

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

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

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



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

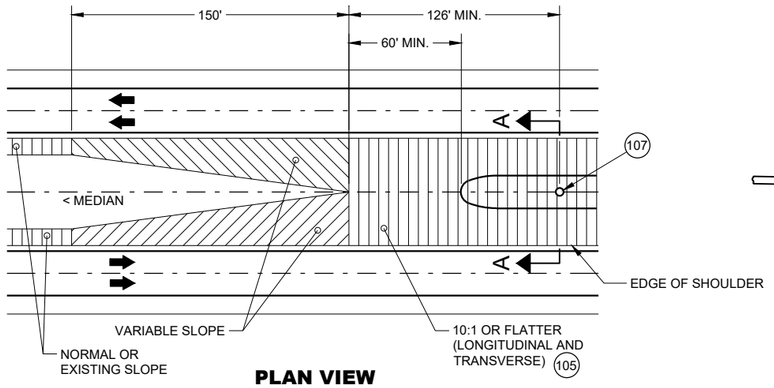
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

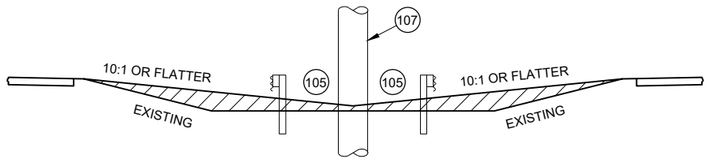
APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



PLAN VIEW
GRADING AT BULLNOSE
(ALL INSTALLATIONS)



SECTION A -A
MEDIAN GRADING
(ALL INSTALLATIONS)

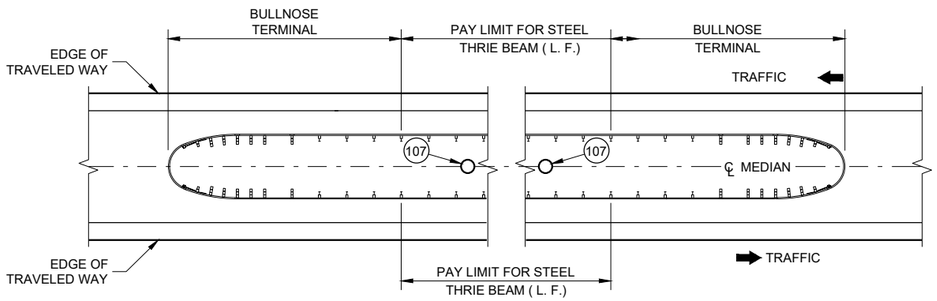
GENERAL NOTES

THRIE BEAM RAILS MAY NEED TO BE FIELD BENT TO FIT THE LOCATION.

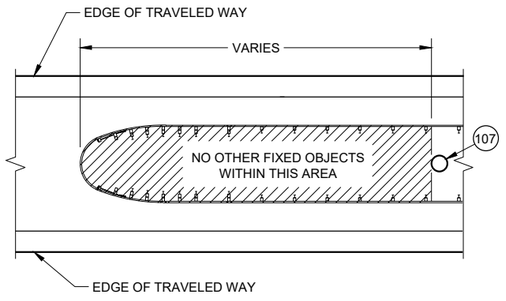
SEE STANDARD DETAIL DRAWINGS 14B26 SHEETS a-h.

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 ½". MINIMUM DIAMETER OF THE ROCK REMOVAL IS 12" DIAMETER

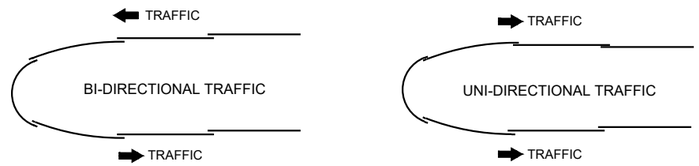
- E1 UNBENT STANDARD THRIE BEAM RAIL B1 (POST 8 TO POST 10 AND POST 10 TO POST 12)
- E2 SLOTTED THRIE BEAM RAIL E1 (POST 1 TO POST 1)
- E3 SLOTTED THRIE BEAM RAIL B3 (POST 5 TO POST 8)
- E4 SLOTTED THRIE BEAM RAIL E4 (POST 1 TO POST 5)
- 5 BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.
- (100) DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST OR BLOCK.
- (101) U-BOLT CABLE CLIPS (3 PER CABLE) SPACED OUT ON NOSE, TO HOLD CABLE TO BACKSIDE OF THE RAIL.
- (102) NOSE CABLE WITH SWAGGED END BUTTONS.
- (103) NOSE CABLE ANCHOR PLATE (BACKSIDE OF SPLICE).
- (104) THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POST NO. 1 ON EITHER SIDE OF THE NOSE.
- (105) MINIMUM WORKING WIDTH 4' - 2".
- (106) MAX. WIDTH OF SYSTEM IS 14' - 2 ½" MEASURED FROM THE BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.
- (107) FIXED OBJECT OR OTHER HAZARD.
- (108) PLAN IS TO PROVIDE STATION OFFSET TO CENTER OF POST 5 IN PLANS.



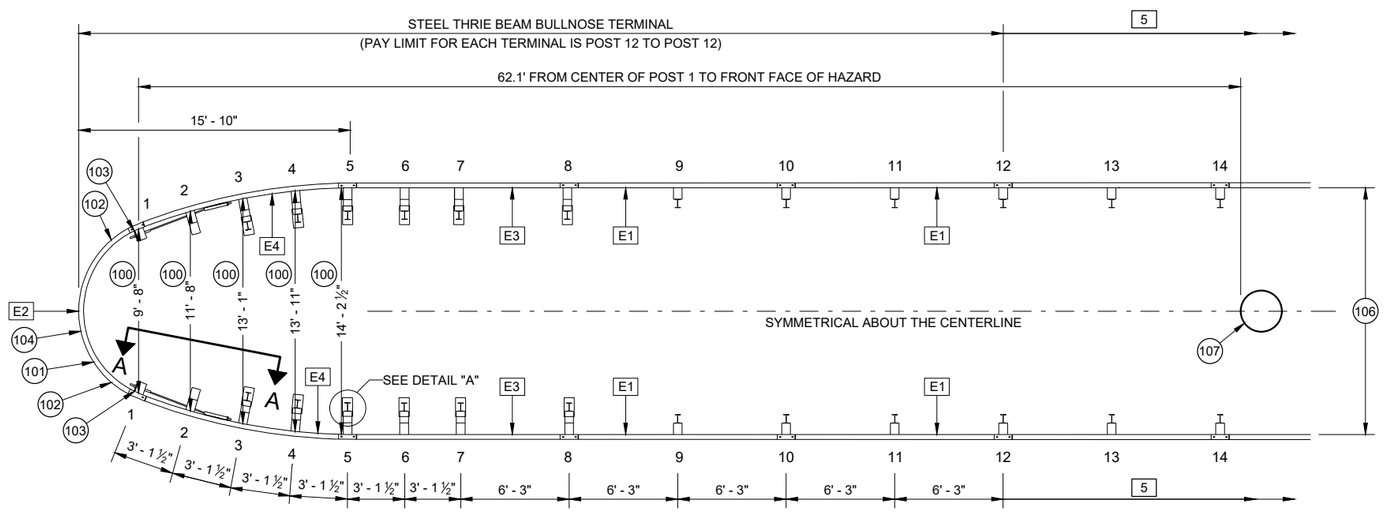
MEDIAN HAZARD PROTECTION PAY LIMITS



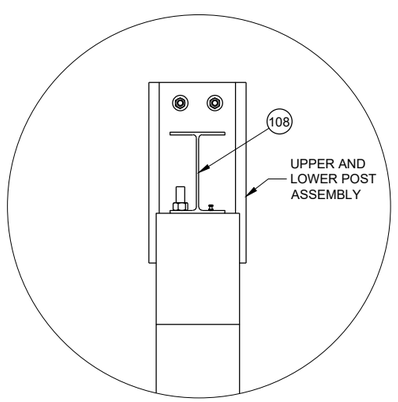
HAZARD FREE AREA
INSIDE BULLNOSE



LAPPING DETAIL



PLAN VIEW
TYPICAL BULLNOSE LAYOUT



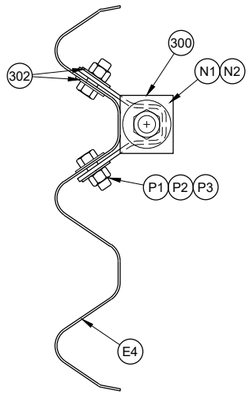
DETAIL "A"

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

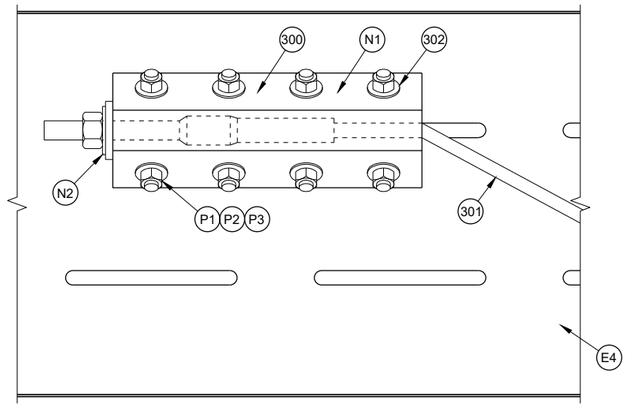
SDD 14B26 - 05a

SDD 14B26 - 05a

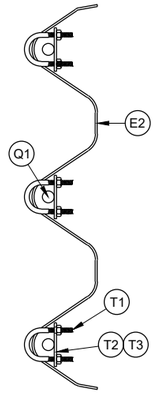


PROFILE VIEW

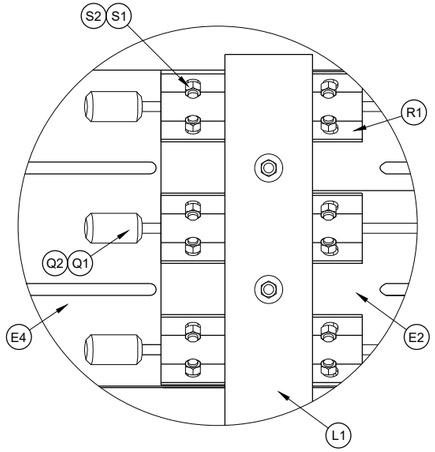
CABLE ANCHOR ASSEMBLY CONNECTION



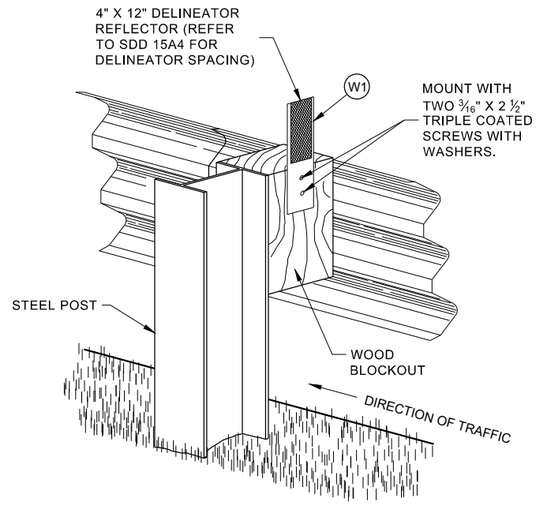
CABLE ANCHOR ASSEMBLY



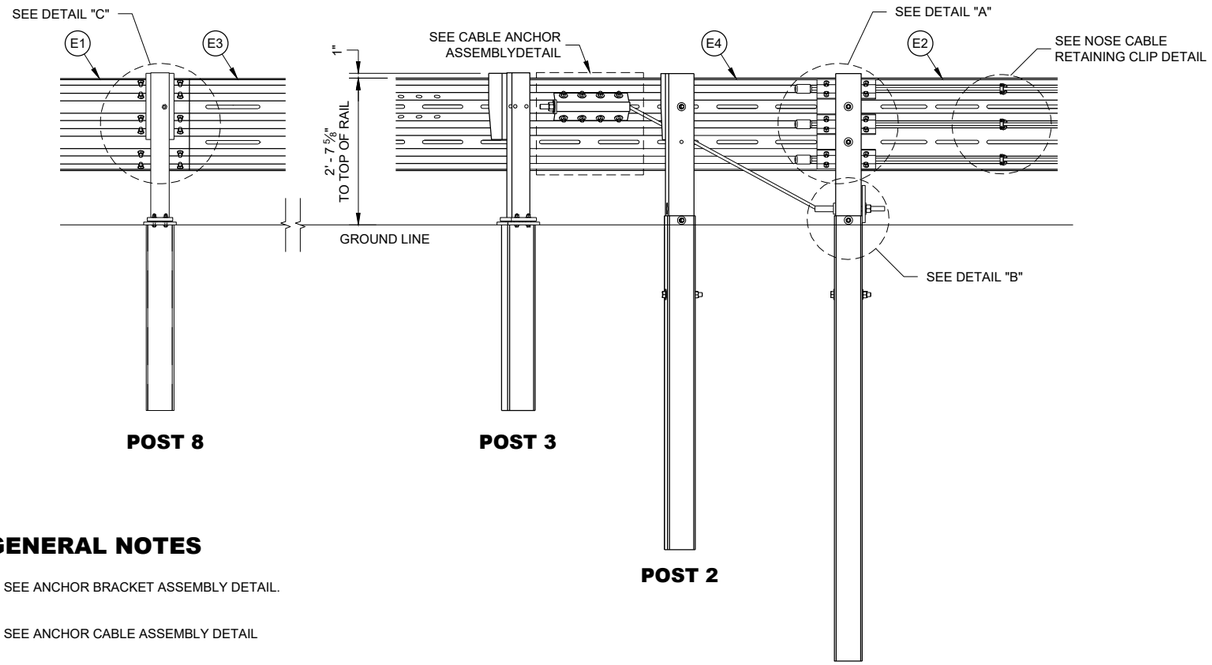
NOSE CABLE RETAINING CLIP



DETAIL "A"

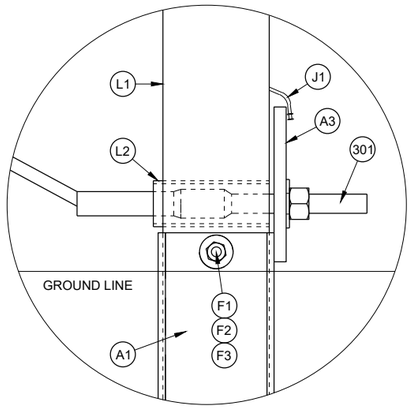


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

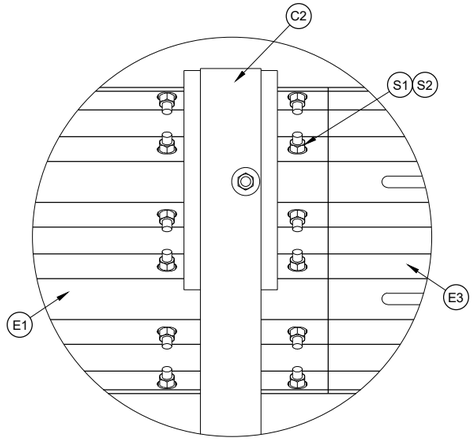


POST 8 **POST 3** **POST 2** **POST 1**

CROSS SECTION A - A



DETAIL "B"



DETAIL "C" THRIE BEAM SPLICE

GENERAL NOTES

(300) SEE ANCHOR BRACKET ASSEMBLY DETAIL.

(301) SEE ANCHOR CABLE ASSEMBLY DETAIL

(302) ONE WASHER BETWEEN BOLT HEAD AND RAIL AND BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

(303) ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

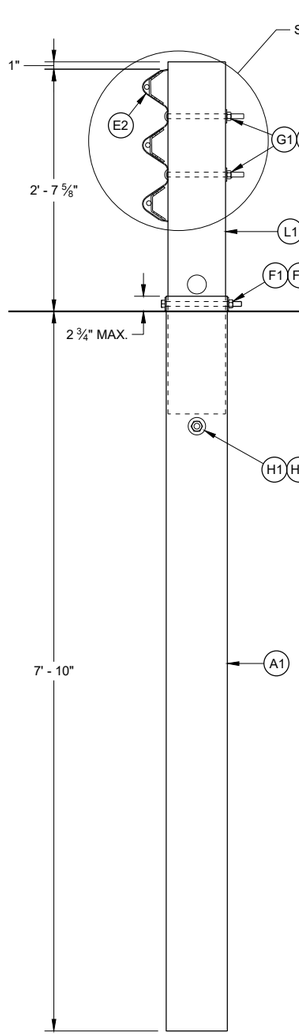
STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

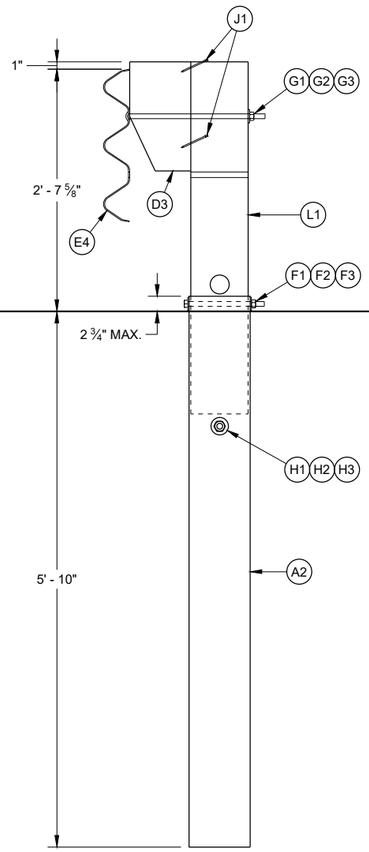
6

SDD 14B26 - 05c

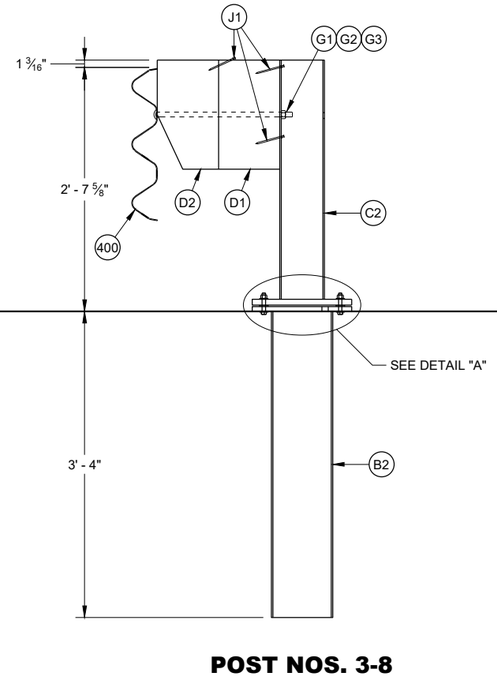
SDD 14B26 - 05c



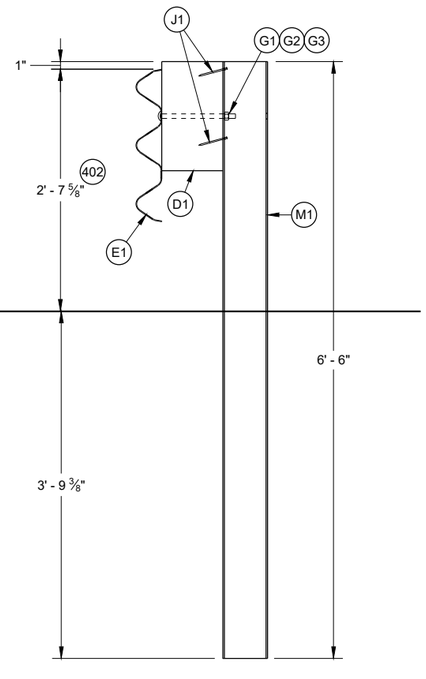
POST NO. 1



POST NO. 2



POST NOS. 3-8



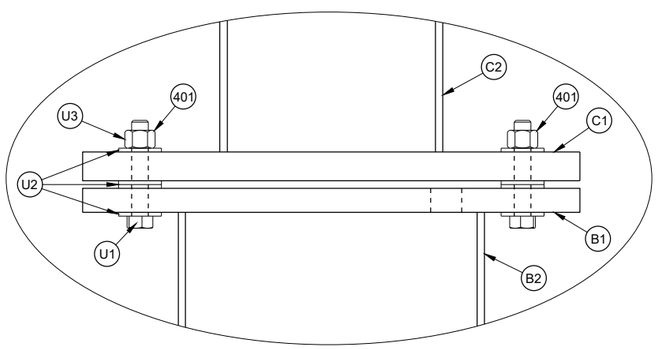
POST NOS. 9 AND ALL STEEL THRIE BEAM POSTS BEYOND

GENERAL NOTES

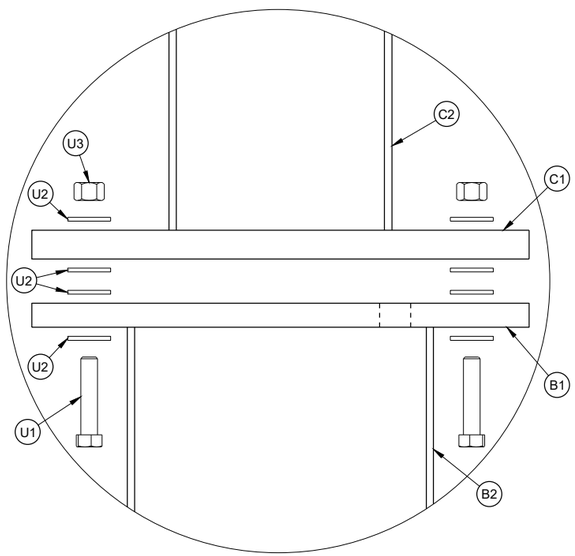
(400) RAIL CAN BE E3 OR E4 DEPENDING ON POST LOCATION.

(401) TORQUE BOLD BETWEEN 60-75 FT-LB

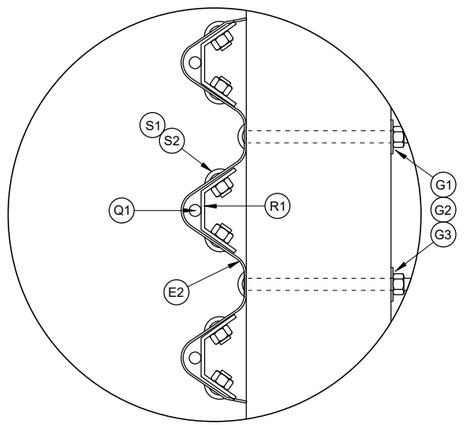
(402) HEIGHT WILL VARY WITHIN HEIGHT TRANSITION TO OTHER HARDWARE. SEE NOTE 213, SHEET "b".



DETAIL "A"



EXPLODED VIEW
DETAIL "A"



DETAIL "B"

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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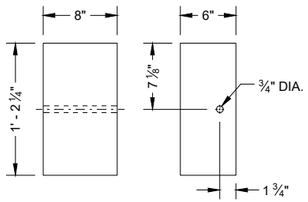
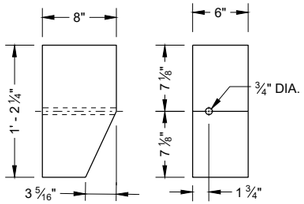


ELEVATION PROFILE

BLOCKOUT (D1)



ELEVATION PROFILE

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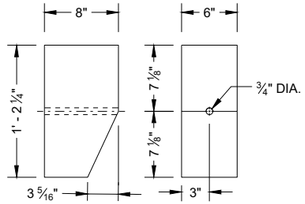

ELEVATION PROFILE

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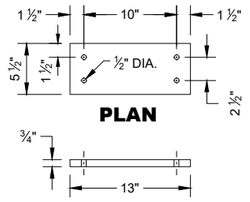
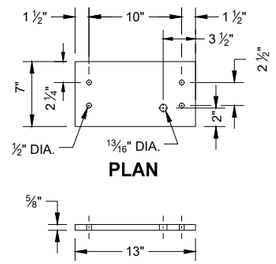


PLAN

PROFILE

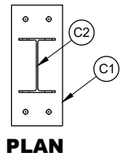
UPPER SHEAR PLATE (C1)



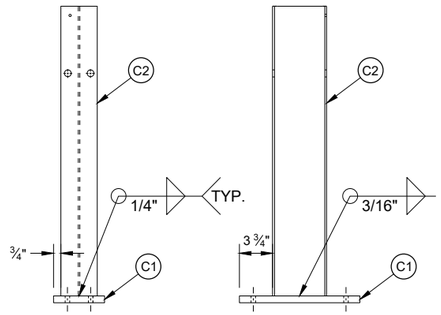
PLAN

PROFILE

LOWER SHEAR PLATE (B1)

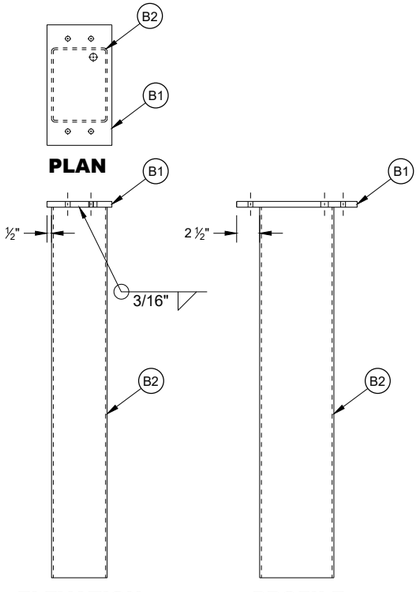


PLAN



ELEVATION PROFILE

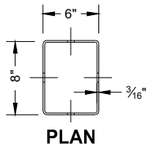
UPPER POST ASSEMBLY



PLAN

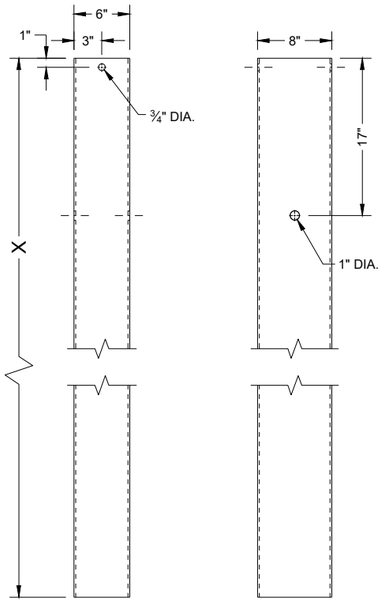
ELEVATION PROFILE

LOWER POST ASSEMBLY



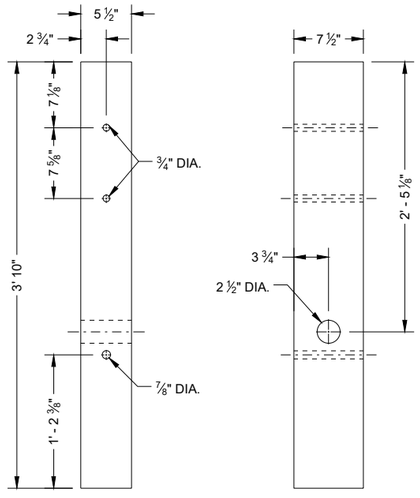
PLAN

PART	LENGTH "X"
A1	8' - 0"
A2	6' - 0"
B2	3' - 4"



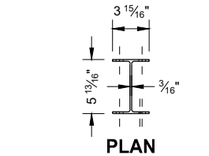
ELEVATION PROFILE

FOUNDATION TUBE

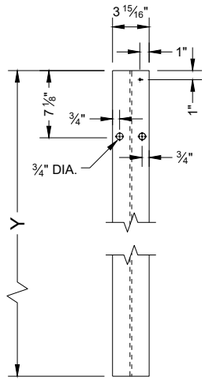


ELEVATION PROFILE

BCT POST (L1)



PLAN



ELEVATION

POST

PART	LENGTH "Y"
M1	6' - 6"
M2	5' - 8 5/8"
C2	2' - 7 5/8"

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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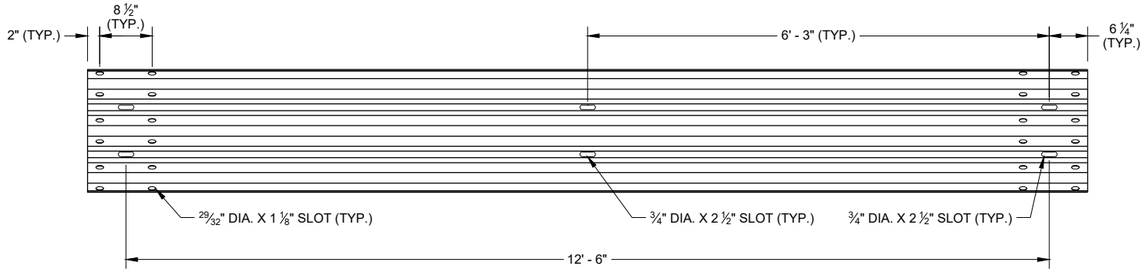
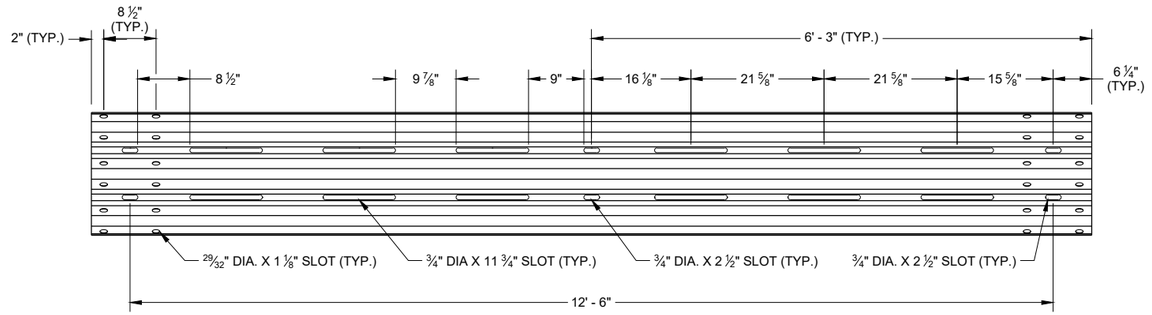
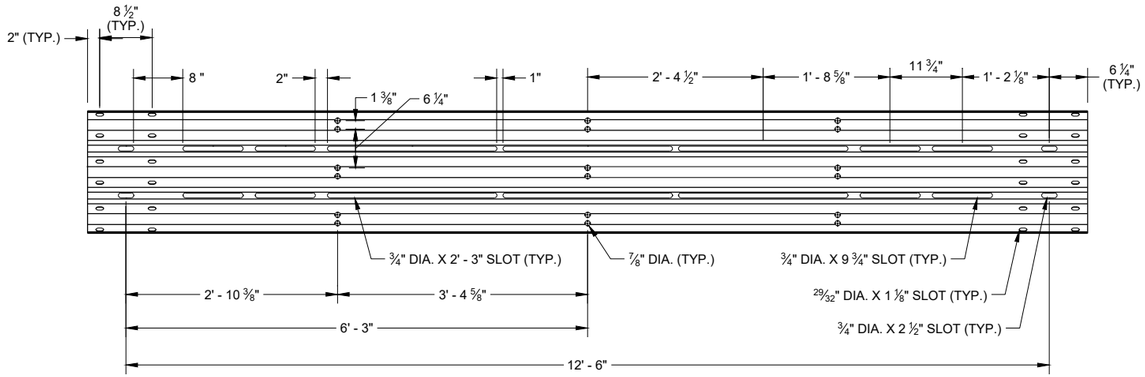


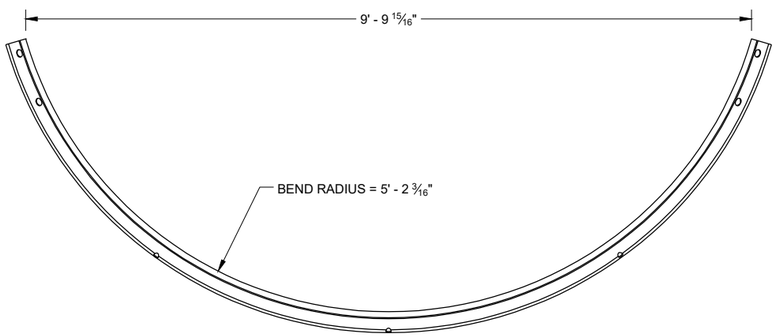
SLOTTED THRIE BEAM RAIL E1



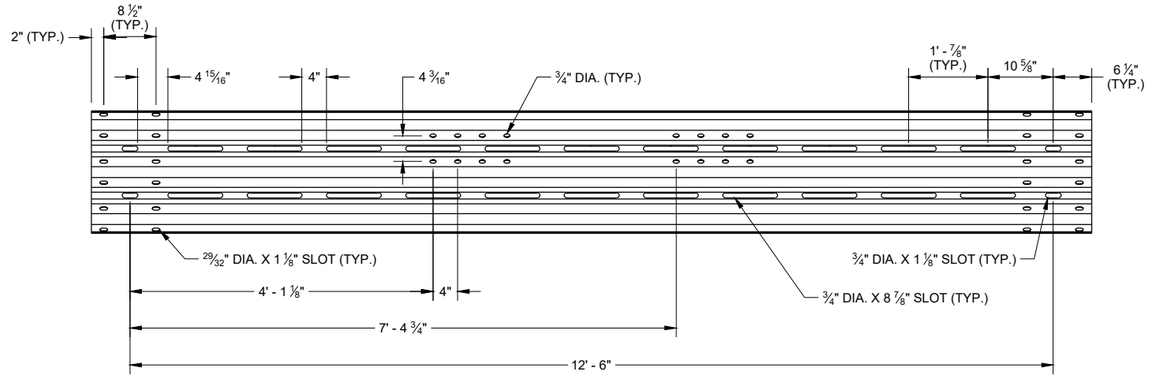
SLOTTED THRIE BEAM RAIL E3



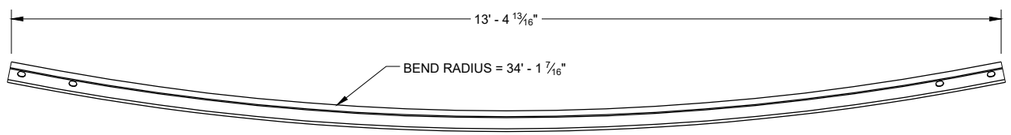
ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E2



PLAN VIEW
SLOTTED THRIE BEAM RAIL E2



ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E4



PLAN VIEW
SLOTTED THRIE BEAM RAIL E4

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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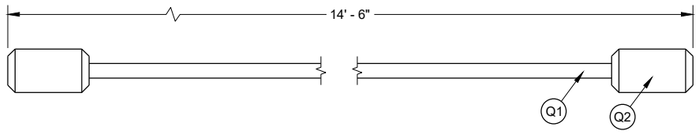
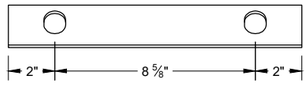
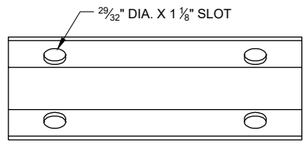


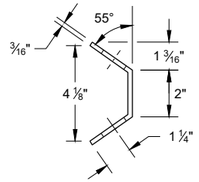
NOSE CABLE AND SWAGE BUTTON



PLAN VIEW

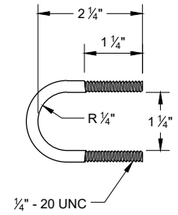


ELEVATION VIEW

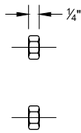


PROFILE VIEW

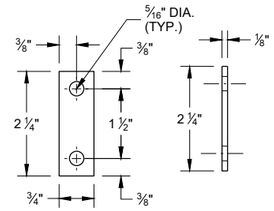
NOSE CABLE ANCHOR (R1)



U - BOLT (T1)

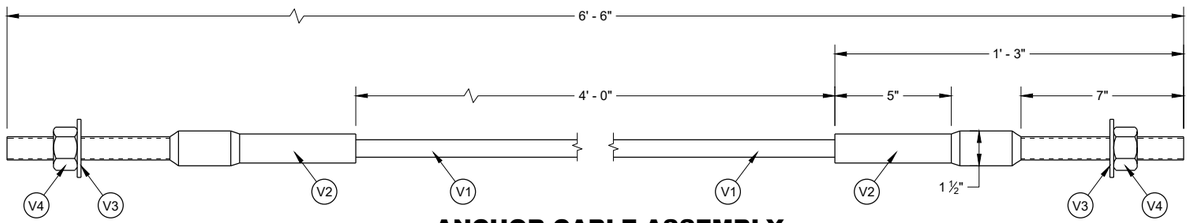


U - BOLT NUT (T3)

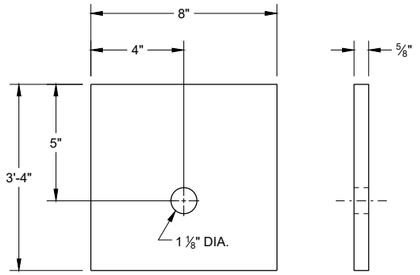


ELEVATION VIEW **PROFILE VIEW**

U - BOLT PLATE WASHER (T2)

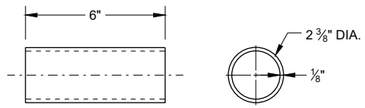


ANCHOR CABLE ASSEMBLY



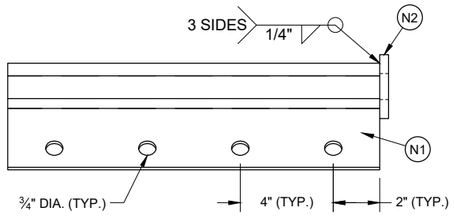
ELEVATION VIEW **PROFILE VIEW**

BCT BEARING PLATE (A3)

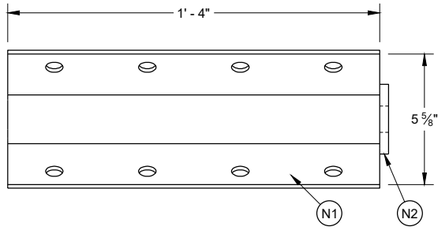


ELEVATION VIEW **PROFILE VIEW**

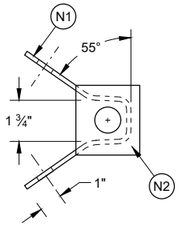
BCT POST SLEEVE (L2)



PLAN VIEW

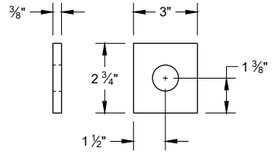


ELEVATION VIEW



PROFILE VIEW

ANCHOR BRACKET ASSEMBLY (N1)



ANCHOR BRACKET END PLATE (N2)

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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BILL OF MATERIALS LIST

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
A1	LONG FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A2	FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A3	BEARING PLATE AT 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
B1	LOWER SLIP POST 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
B2	LOWER SLIP POST ASSEMBLY - TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
C1	UPPER SLIP POST 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
C2	UPPER SLIP POST ASSEMBLY - POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 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
D1	BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D2	TAPERED BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D3	TAPERED BLOCK FOR BCT POST - WOOD	WISDOT SPEC. 614
E1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E2	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
E3	THRIE BEAM RAIL - PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E4	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
F1	5/8" DIA. HEX HEAD GROUND STRUT AND YOKE 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
F2	5/8" DIA. GROUND STRUT AND YOKE 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)
F3	GROUND STRUT AND YOKE 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
G1	5/8 " DIA. 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 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G2	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 TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G3	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
H1	7/8" DIA. SOIL 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 7/8" ASTM A563DH OR SAE J995 GRADE 5
H2	SOIL TUBE 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 7/8" ASTM F844 TYPE 1 (HARDEN WASHER ONLY)
H3	SOIL TUBE 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 7/8" ASTM A563DH OR SAE J995 GRADE 5
J1	16D DOUBLE HEAD NAIL	ASTM A153 HOT DIPPED CLASS D DOUBLE HEAD ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)
L1	BCT TIMBER POST	WISDOT SPEC. 614 S4S FINISH ON 4 SIDE
L2	BCT POST SLEEVE	AASHTO M111/ASTM A123 2 3/8" OD ASTM 53 GRADE B
M1	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 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	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 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
N1	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
N2	ANCHOR BRACKET - 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

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
P1	5/8" DIA. 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 HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
P2	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)
P3	SOIL TUBE 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
Q1	5/8" DIA. NOSE CABLE	6X19 AASTHO M30 / ASTM A741 XIPS INDEPENDENT WIRE CORE (IWRC) PR 6X25 XIPS, IWRC NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
Q2	NOSE CABLE-SWAGE BUTTON	COLD TUFF BUTTON, S-409 SIZE NO. 12 STOCK NUMBER 1040395 OR ANY OTHER SIMILAR SIZED WAGED-GRIP-BUTTON FERRULES. ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FIELD SWAGED PER MANUFACTURERS RECOMMENDATION. NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
R1	NOSE CABLE 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
S1	5/8" DIA. SPLICE BOLT - 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
S2	SPLICE - 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 5/8" ASTM A563DH OR SAE J995 GRADE 5
T1	1/4" DIA. NOSE CABLE - U 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
T2	U-BOLT - PLATE 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)
T3	U-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
U1	7/16" DIA. SLIP POST ASSEMBLY - BREAKAWAY BOLT	ASTM A153 OR B695 CLASS 55 OR F2329 UNC FULLY THREADED HEX HEAD TAP BOLT ASTM A449 OR SAE J429 GRADE 5
U2	7/16" DIA. SLIP POST ASSEBLY - BREAKAWAY BOLT - WASHER	ASTM F436 TYPE I (HARDEN TYPICALLY USED WITH STEEL) GALV. AASHTO M111/ASTM A 123 OR GALV. HOT DIP. TO POST BOLT CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 55, F2329
U3	SLIP POST ASSEBLY - 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 / STM 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
V1	¾" DIA. BCT CABLE	AASHTO M30 / ASTM A741 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN BREAKING STRENGTH OF 42.7 KIPS
V2	ANCHOR CABLE-SWAGE FITTING	UNC ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FACTORY SWAGED. 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."
V3	1" DIA. ANCHOR CABLE-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)
V4	1" DIA. ANCHOR CABLE-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
W1	REFLECTOR	SEE SDD 15A4

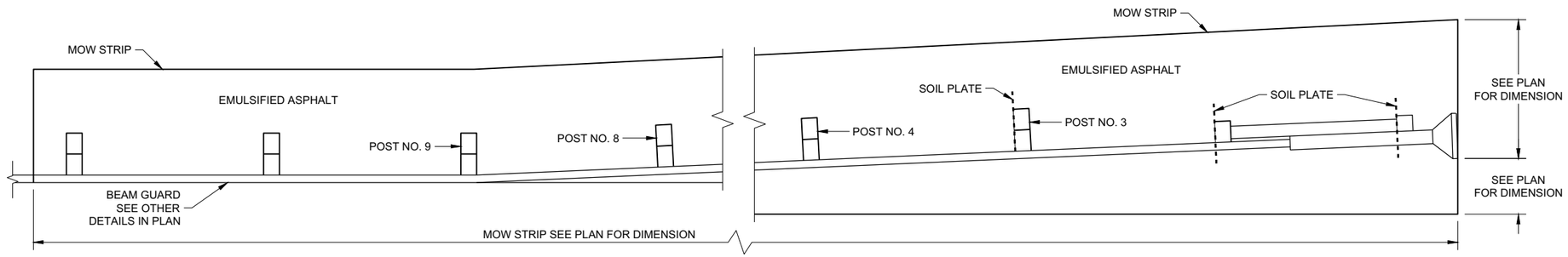
STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

SDD 14B26 - 05h



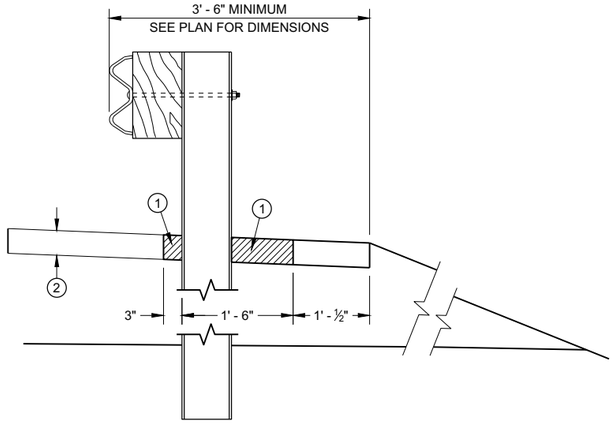
PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABSORBING TERMINAL

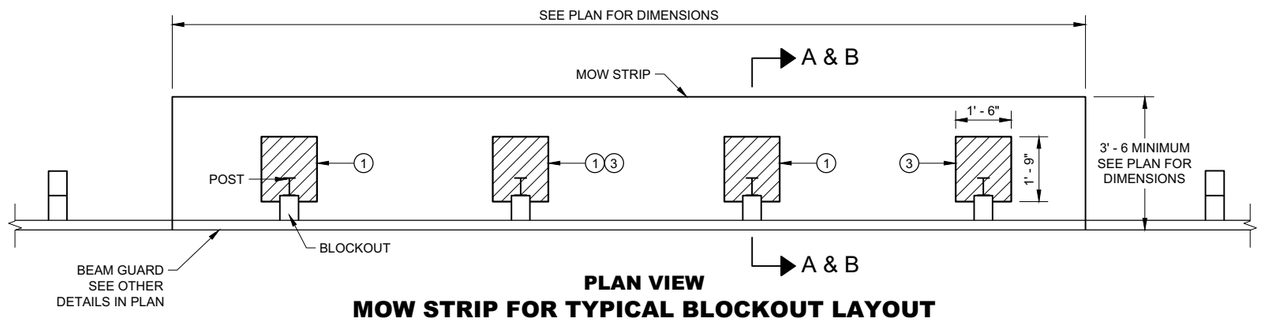
GENERAL NOTES

ONLY USE STEEL POSTS IN CONCRETE AND ASPHALT MOW STRIPS.

1. CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.
2. DEPTH OF MOW STRIP:
   ASPHALT - 4"
   CONCRETE - 4"
   EMULSIFIED ASPHALT - 1" OR LESS
3. FOR EMULSIFIED ASPHALT, MOW STRIP STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS)

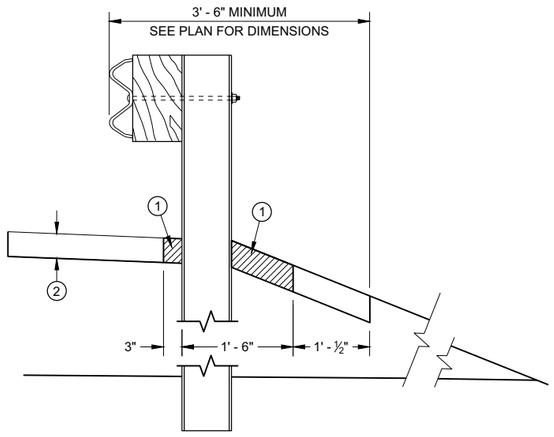


SECTION A - A

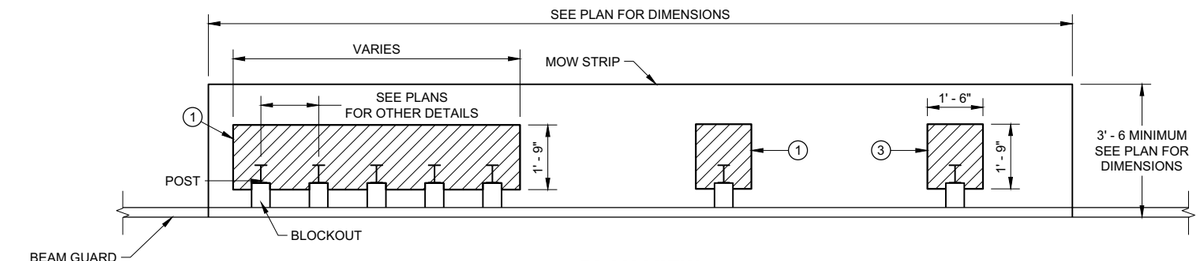


PLAN VIEW

MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT

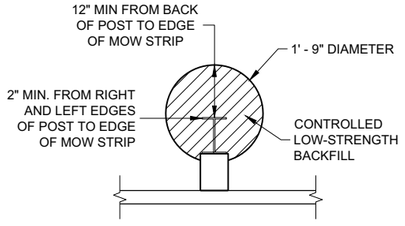


SECTION B - B

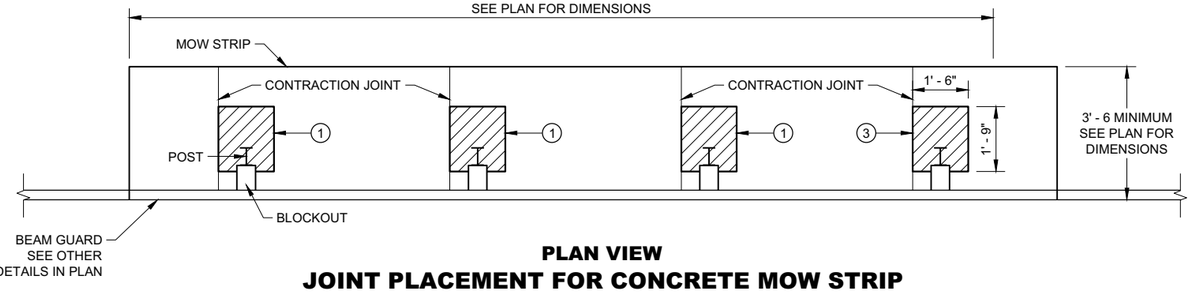


PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



ALTERNATIVE HMA MOW STRIP DESIGN



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B28 - 04a

6

SDD 14B28 - 04a

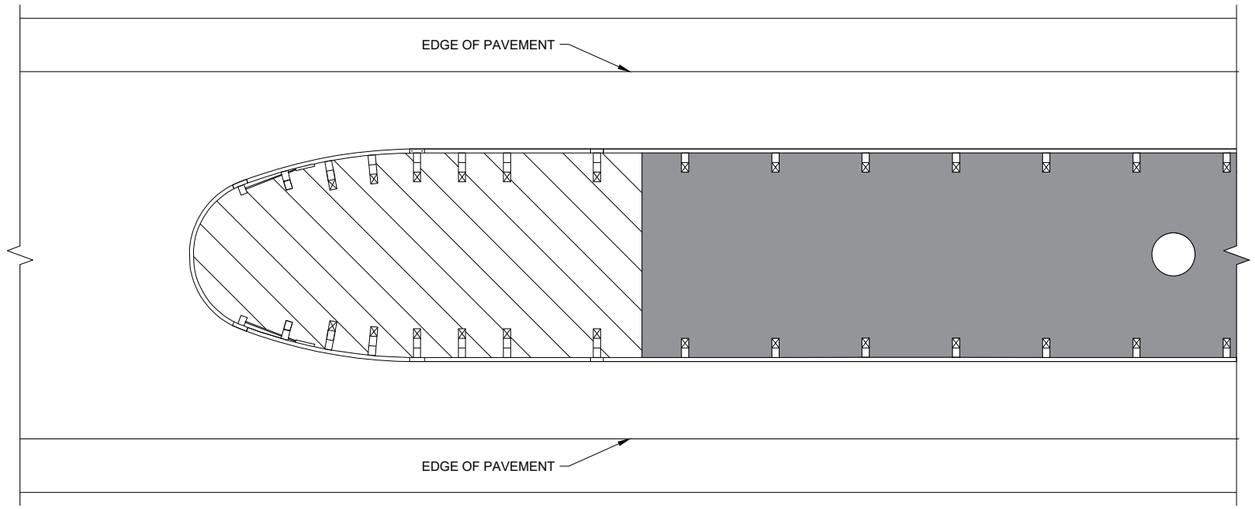
LEGEND

CONCRETE, ASPHALT, OR EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

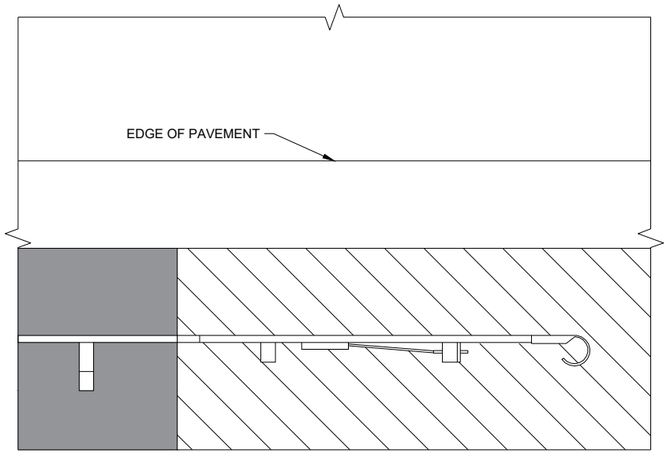
EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

GENERAL NOTES

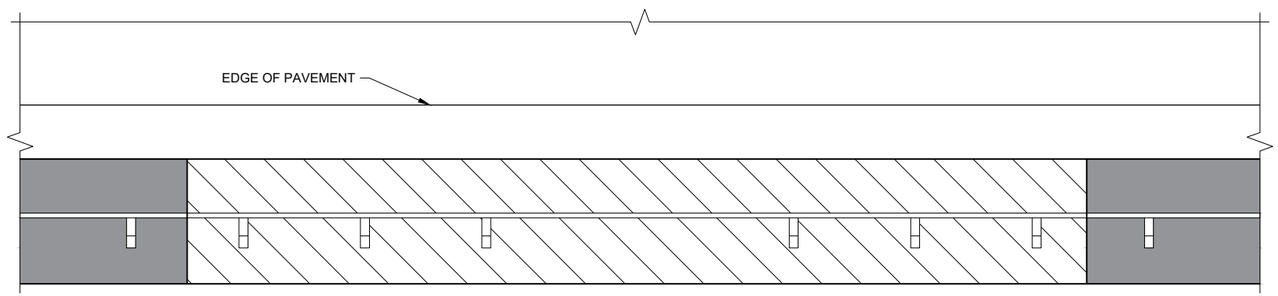
EXISTING THRIE BEAM BULLNOSES MAY HAVE WOOD POSTS. NEW THRIE BEAM BULLNOSE WILL HAVE STEEL POSTS.



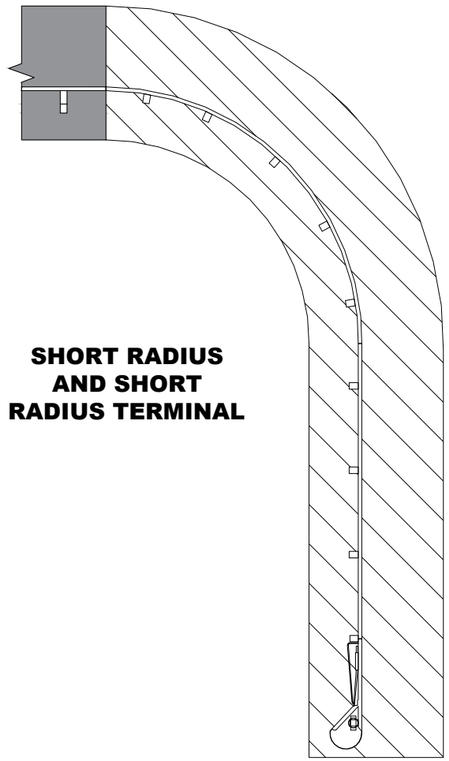
THRIE BEAM BULLNOSE



TYPE 2 TERMINAL



LONG - SPAN



SHORT RADIUS AND SHORT RADIUS TERMINAL

GUARDRAIL MOW STRIP

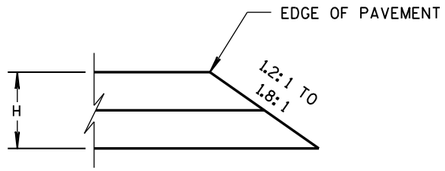
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

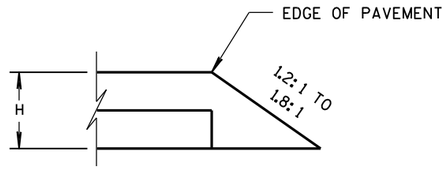
FHWA

6
SDD 14B28 - 04b



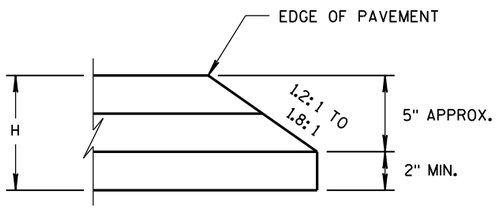
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



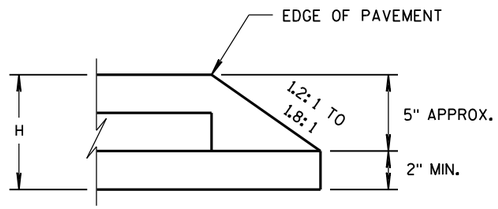
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

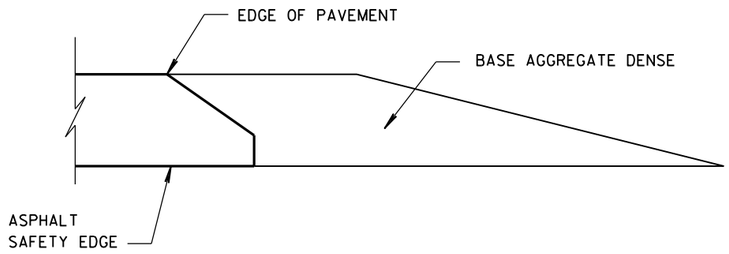
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

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.

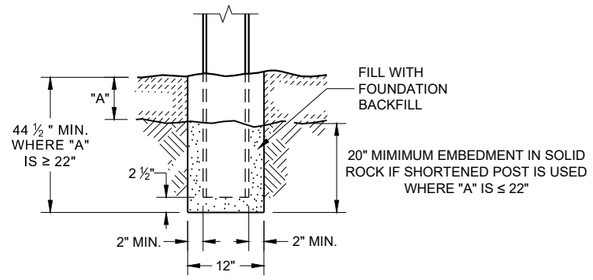
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL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

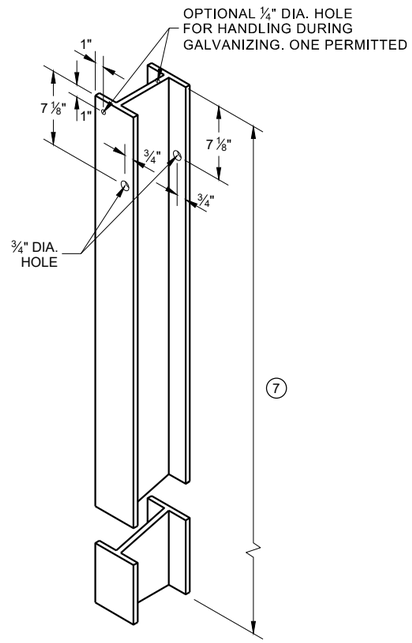
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(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.

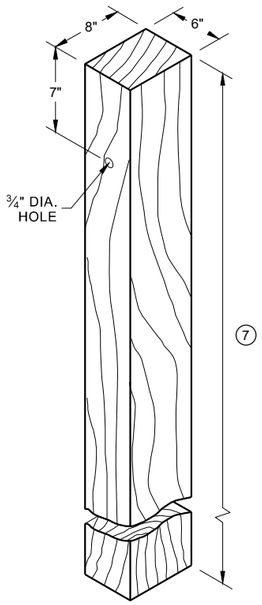
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



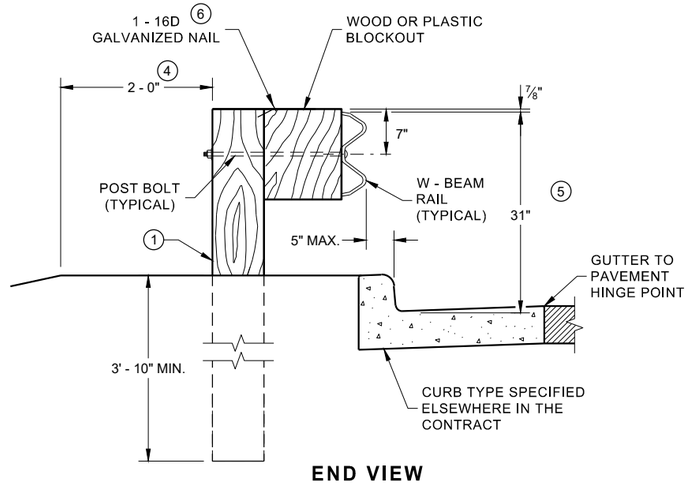
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



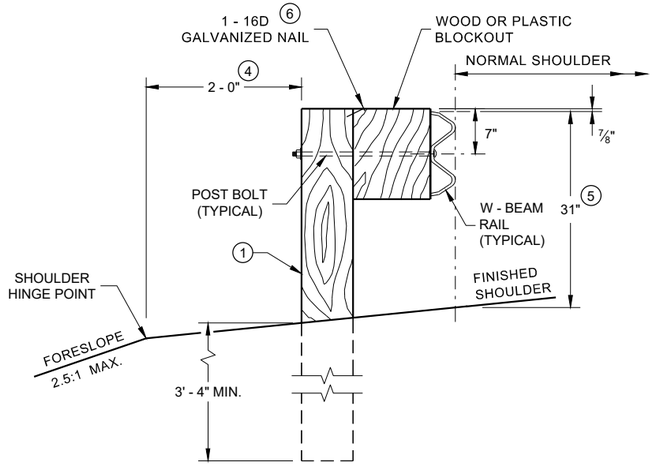
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



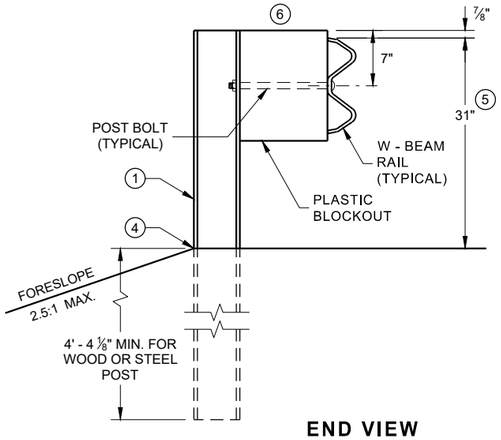
WOOD POST (6" X 8") NOMINAL (1)



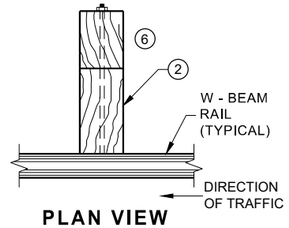
END VIEW
LOCATED ALONG A CURBED ROADWAY



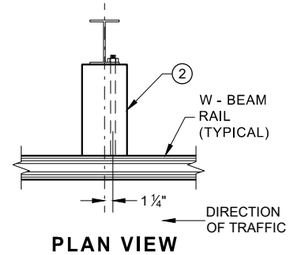
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



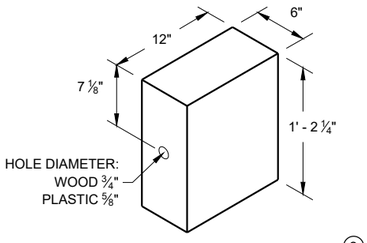
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



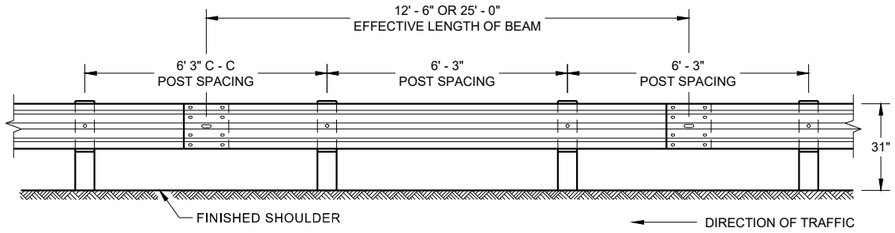
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

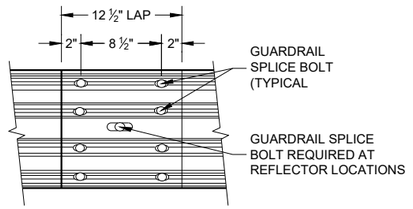
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B42 - 07a

SDD 14B42 - 07a



FRONT VIEW
POST SPACING STANDARD INSTALLATION



FRONT VIEW
MID-SPAN BEAM SPLICE

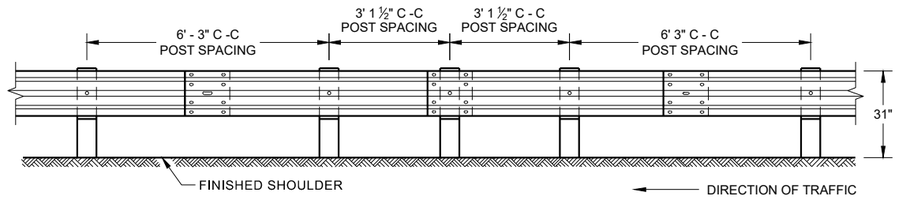
GENERAL NOTES

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

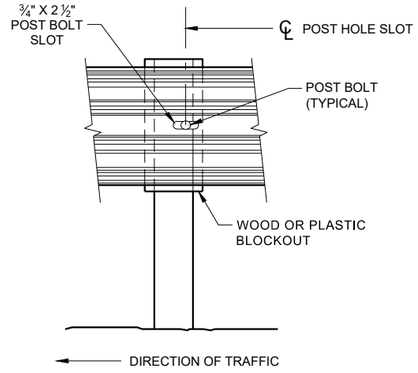
(9) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

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.

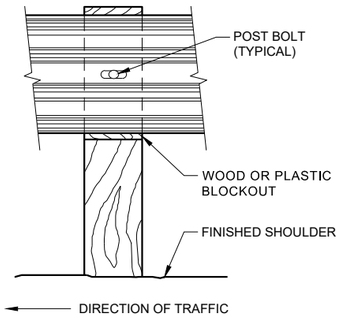
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



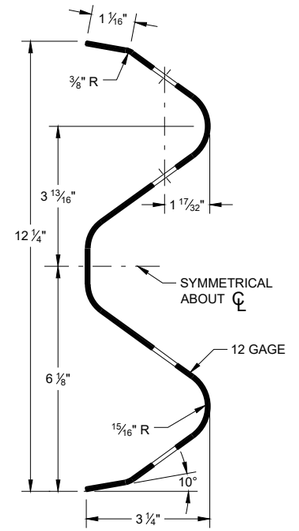
FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



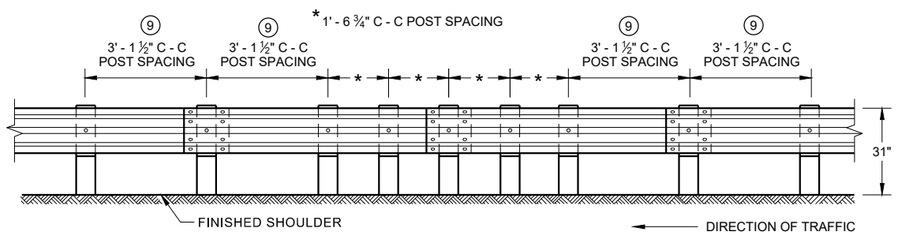
FRONT VIEW AT STEEL POST



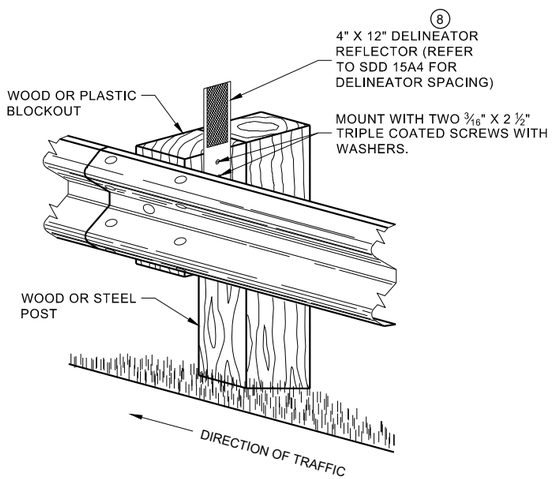
FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



FRONT VIEW
QUARTER POST SPACING (QS)



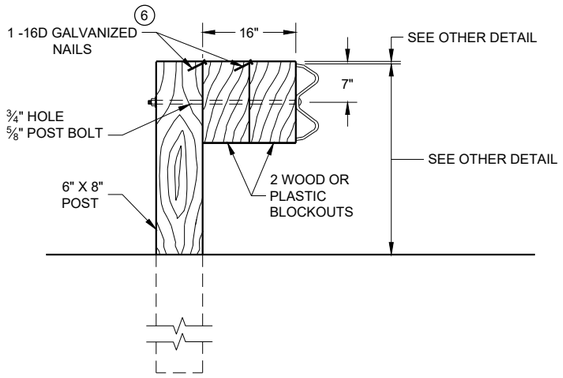
ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07b

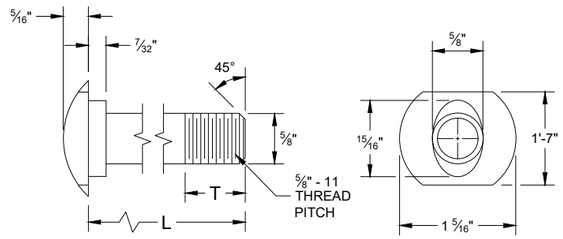


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

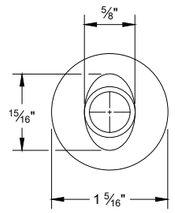
NOTE:

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.

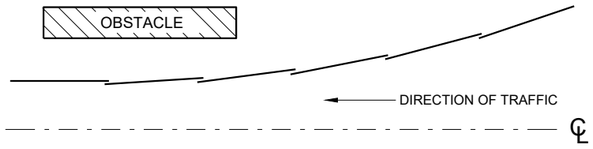


POST BOLT TABLE

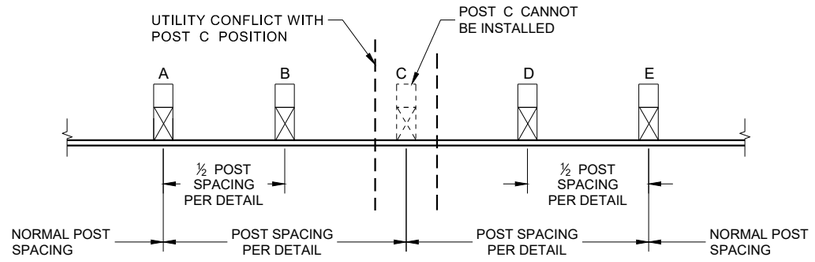
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



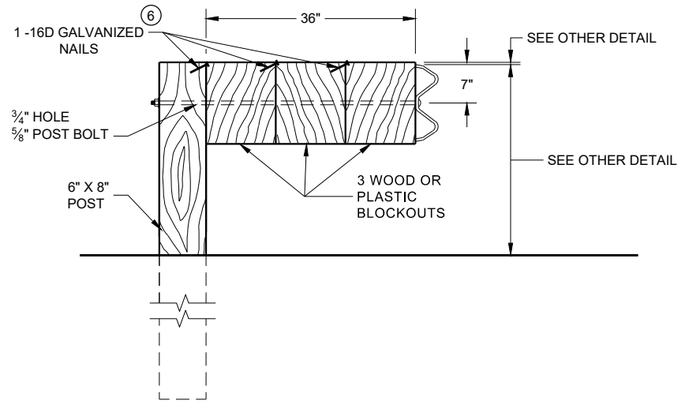
ALTERNATE BOLT HEAD



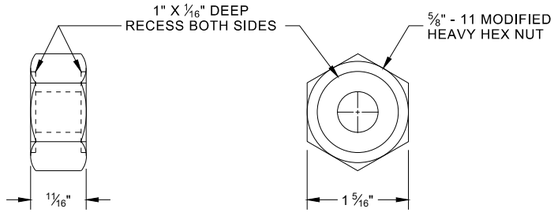
PLAN VIEW
BEAM LAPPING DETAIL



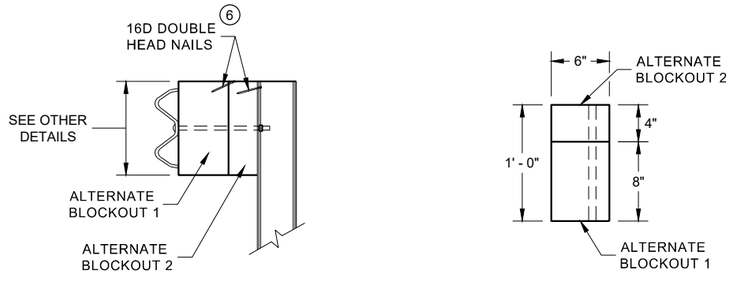
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW

PLAN VIEW

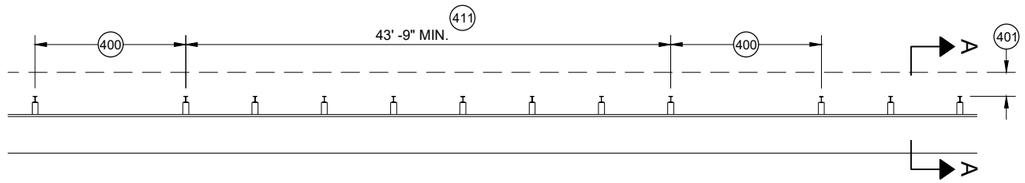
ALTERNATE WOOD BLOCKOUT DETAIL

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.

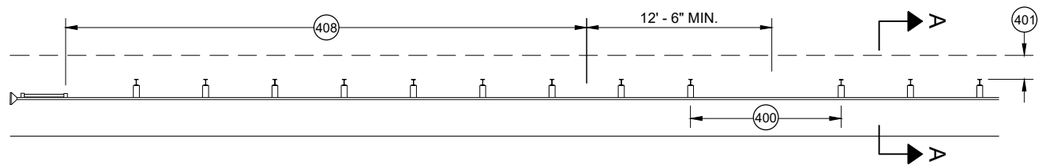
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(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.

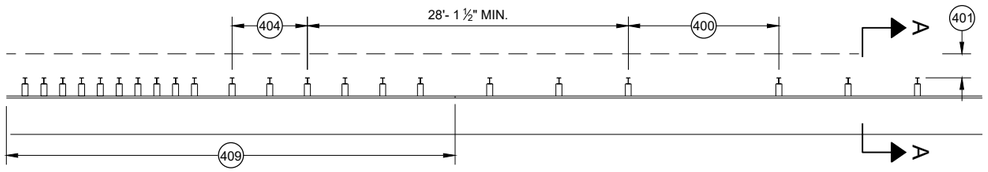
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL



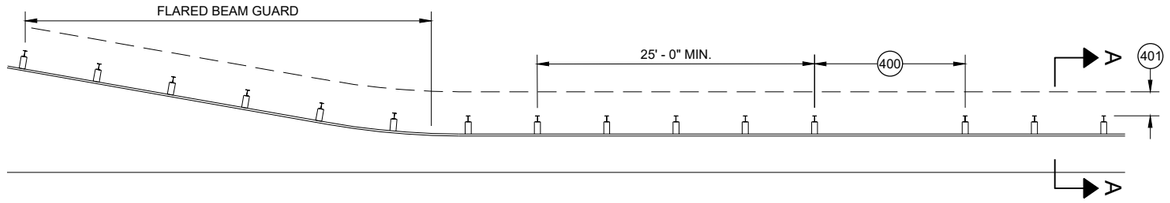
MISSING POST IN MGS GUARDRAIL



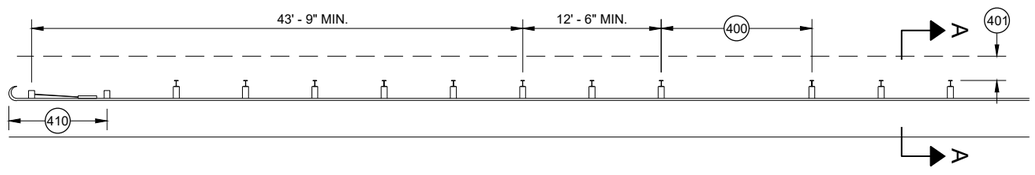
MISSING POST IN MGS GUARDRAIL NEAR EAT



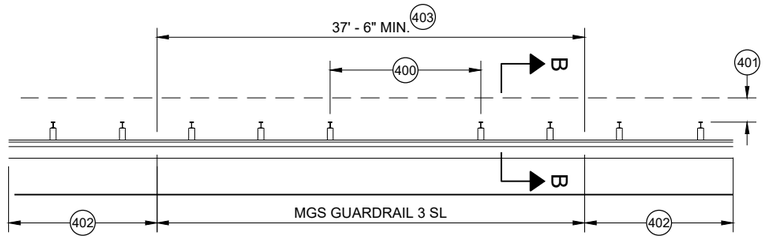
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

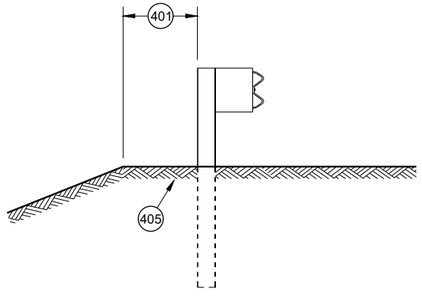


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

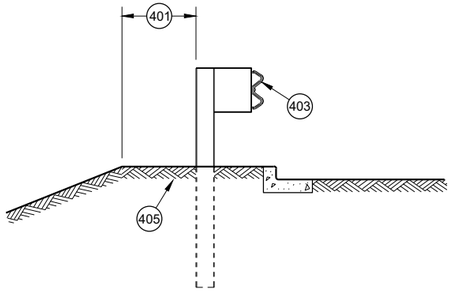


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(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.

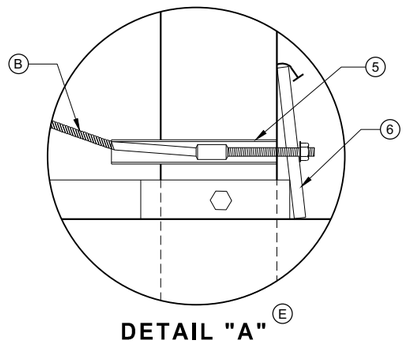
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

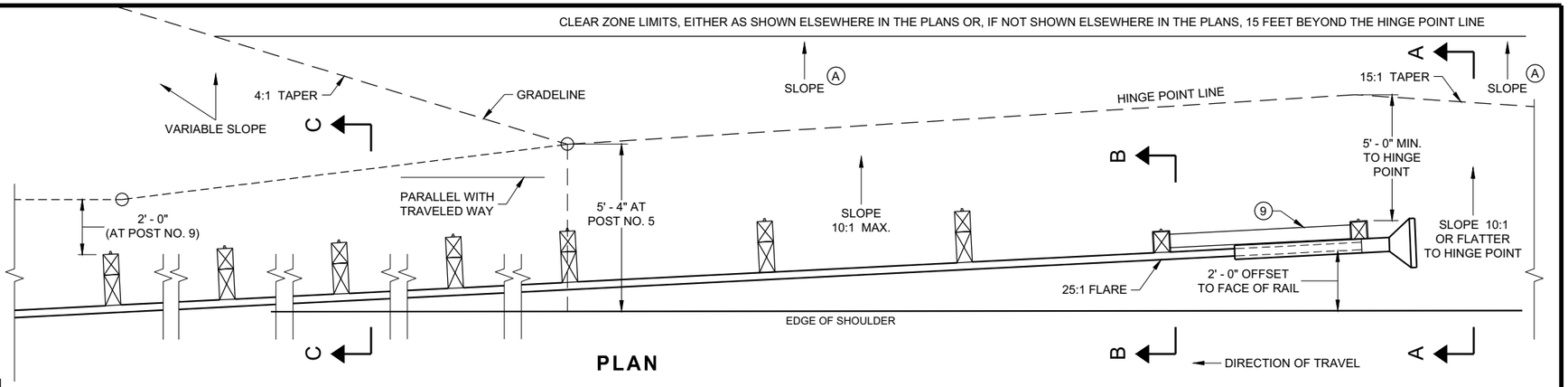
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

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

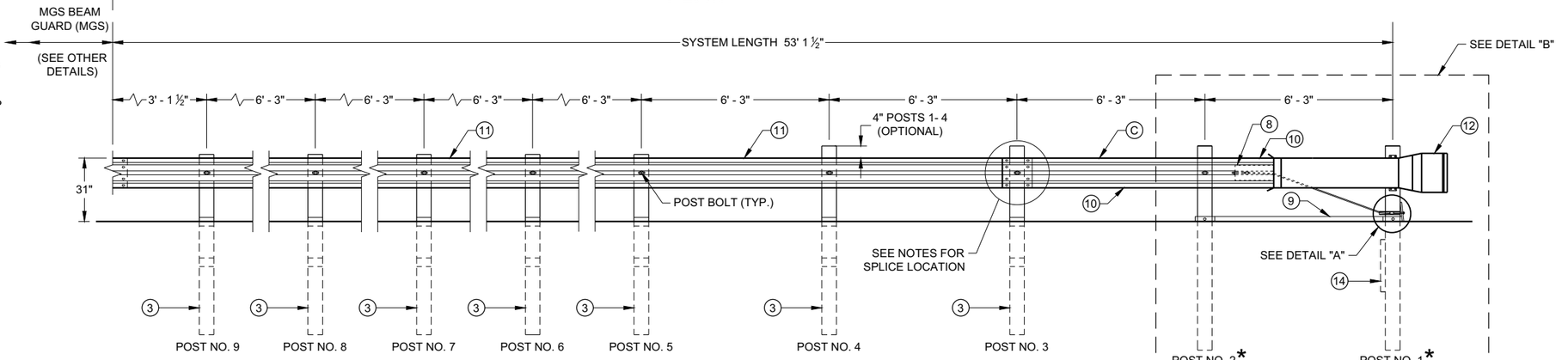
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



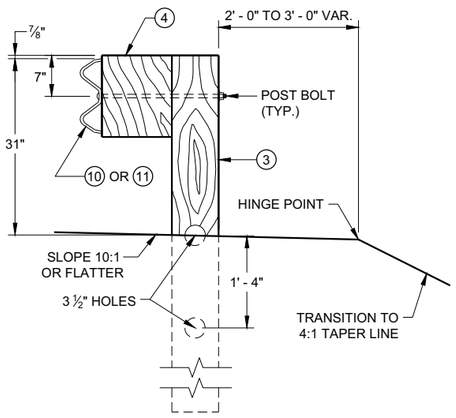
DETAIL "A" (E)



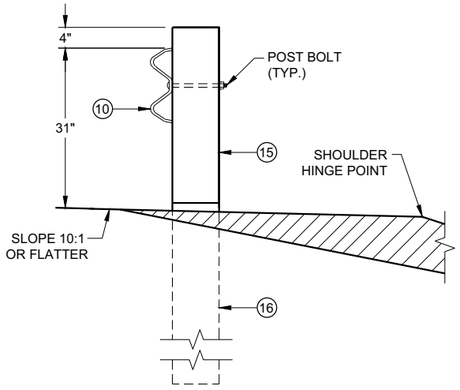
PLAN



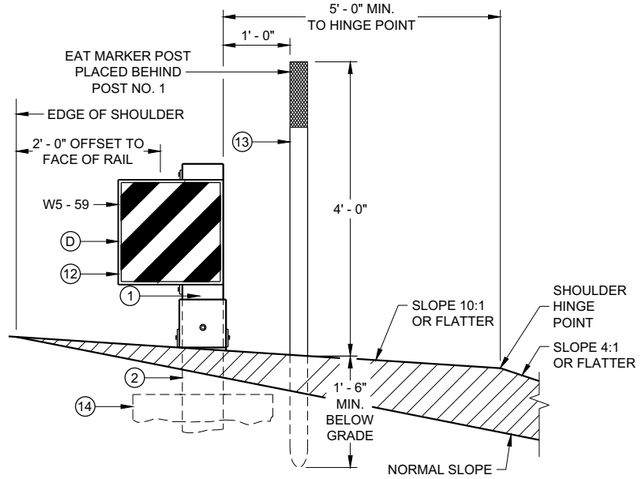
ELEVATION



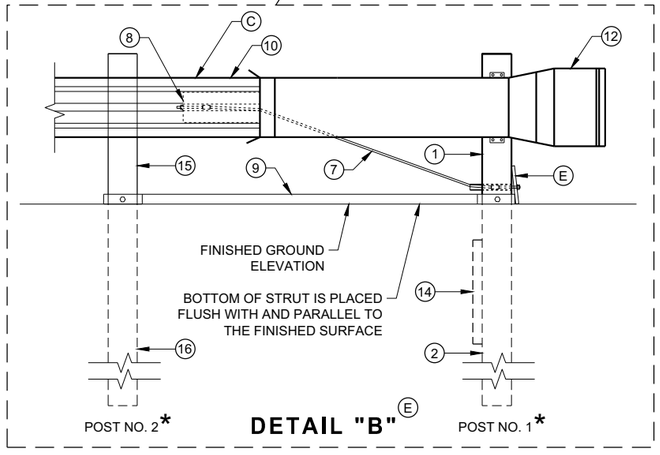
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



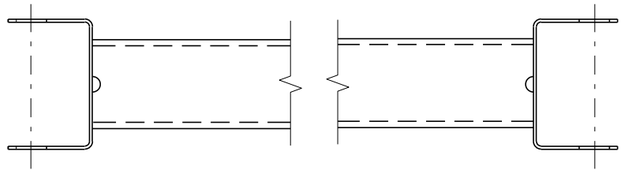
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

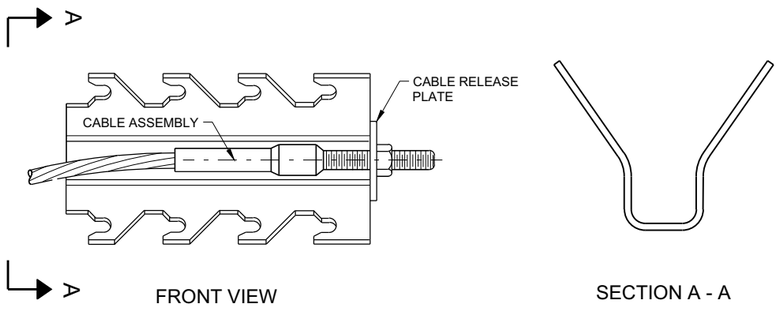
SDD 14B44 - 04a



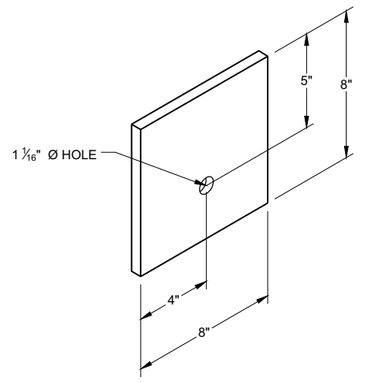
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

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



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

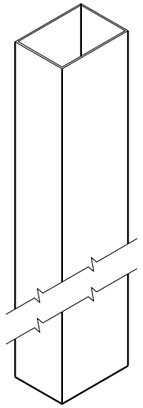
6

SDD 14B44 - 04b

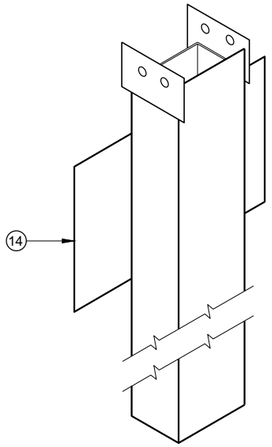
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

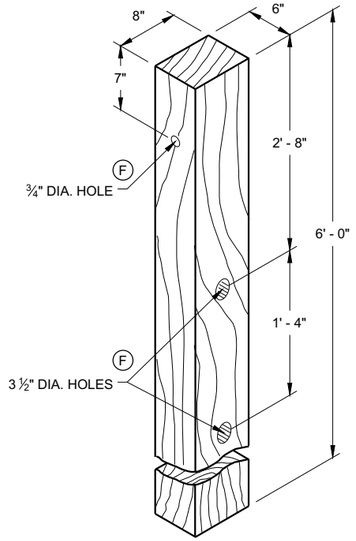
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



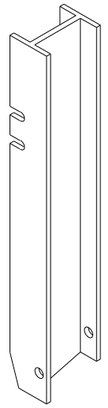
UPPER POST NO. 1 (1) (E)



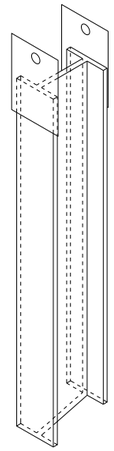
LOWER POST NO. 1 (2) (E)



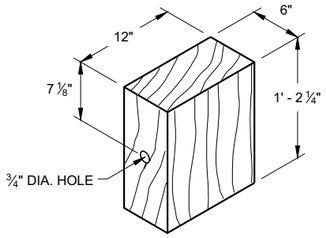
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



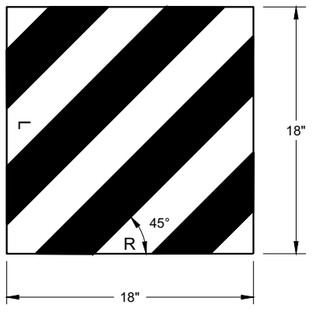
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

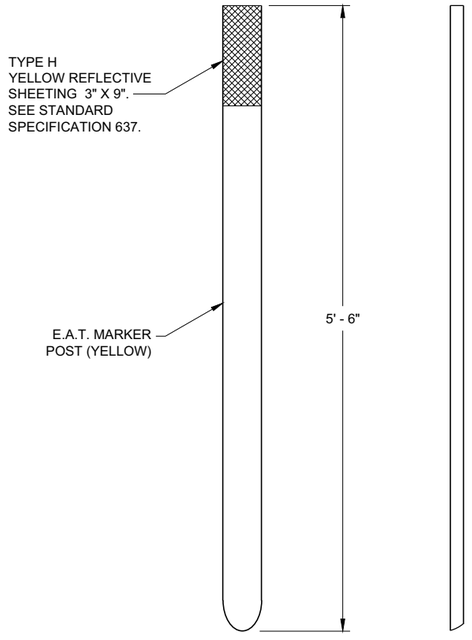


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



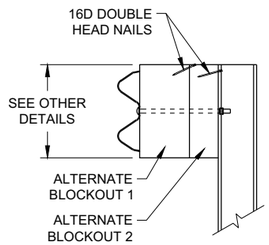
W5 - 59

REFLECTIVE SHEETING DETAIL (E)

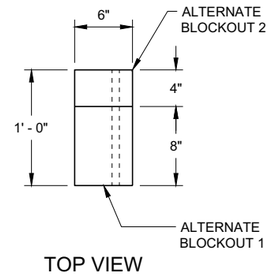


FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

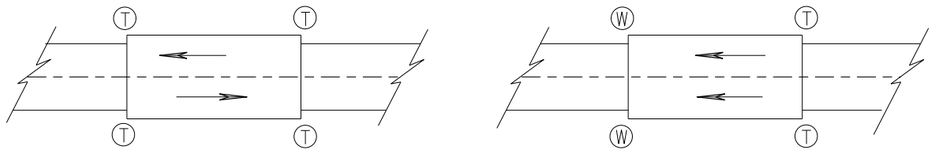
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

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

GENERAL NOTES

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

TRANSITION USES STEEL POSTS ONLY.

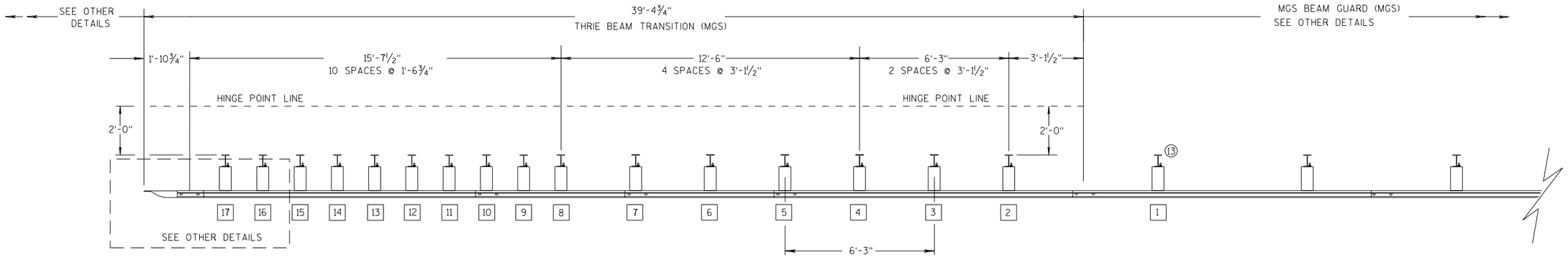
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

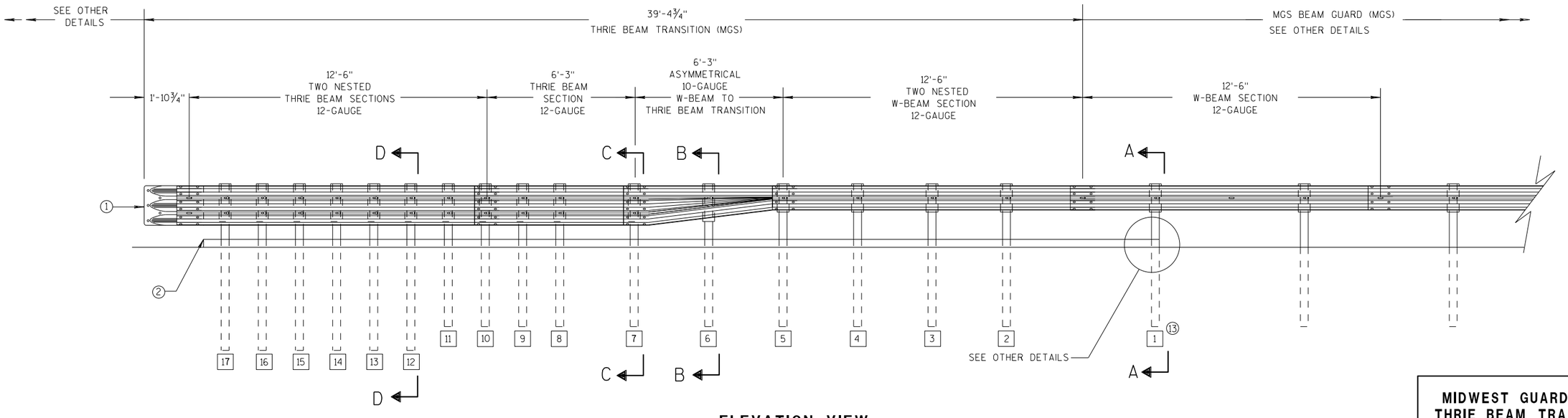
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

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

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-5a

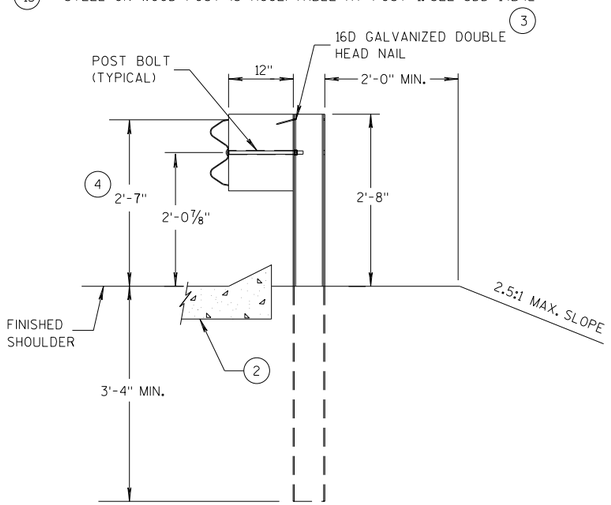
GENERAL NOTES

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

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

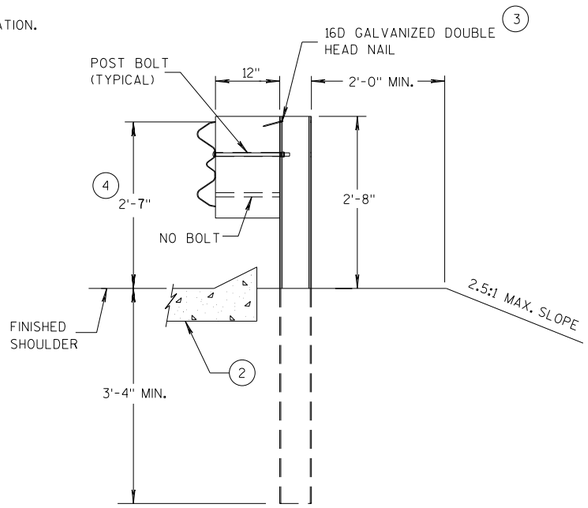
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



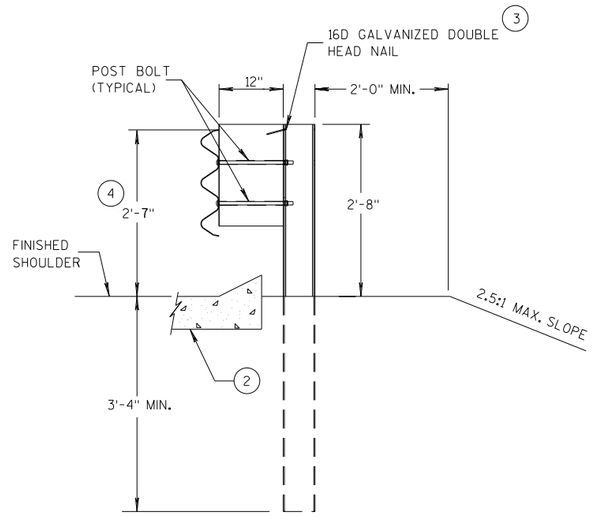
SECTION A-A (13)

POSTS 1-5



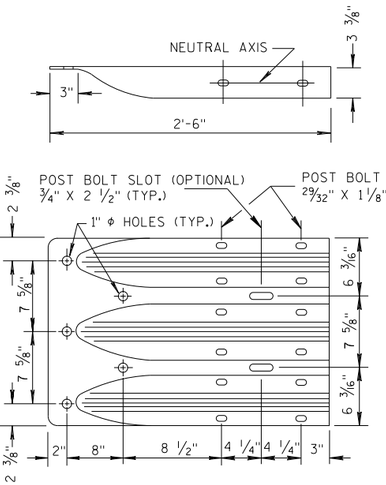
SECTION B-B

POST 6

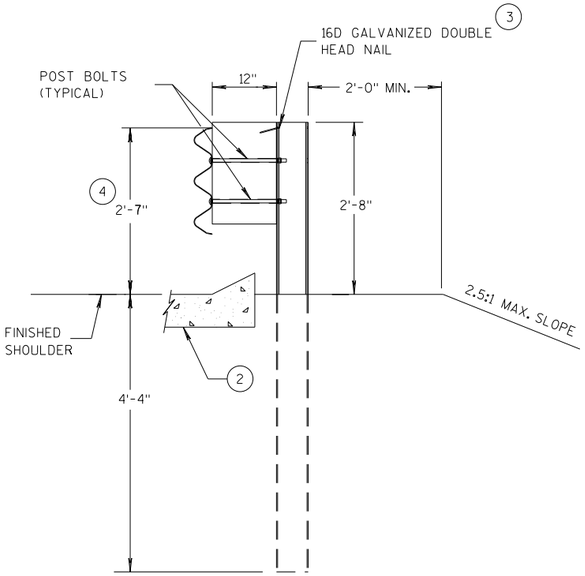


SECTION C-C

POSTS 7-11

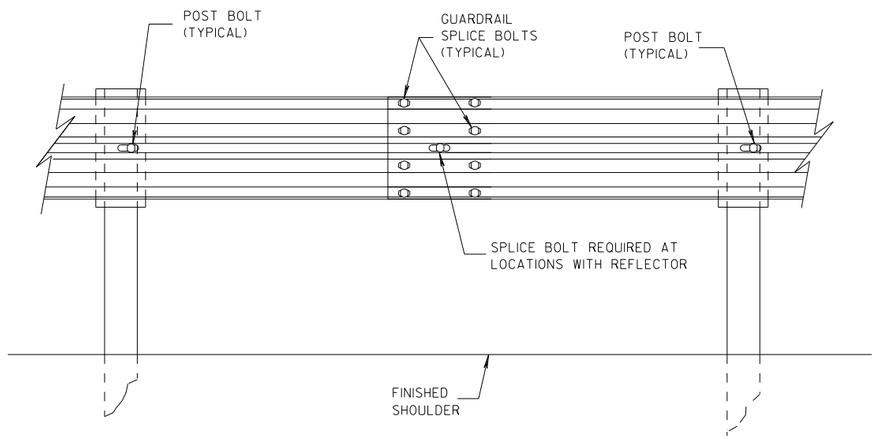


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

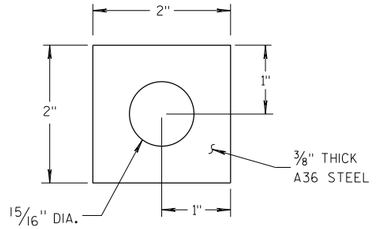
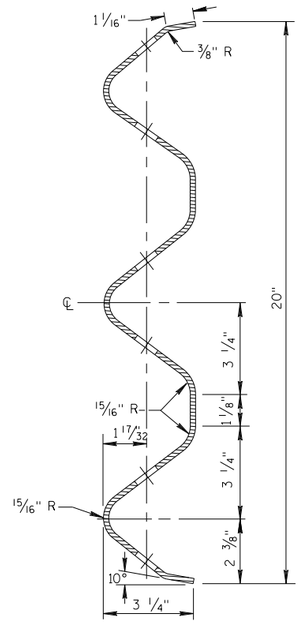


PLATE WASHER DETAIL



SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

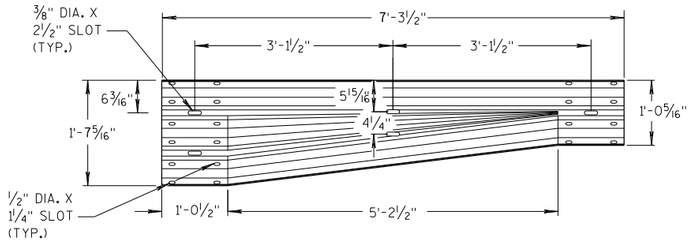
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF 324

6

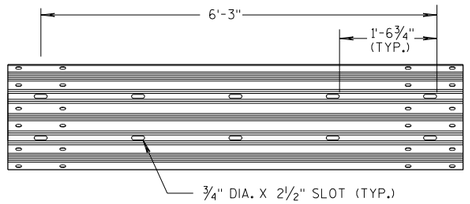
S.D.D. 14 B 45-5b

6

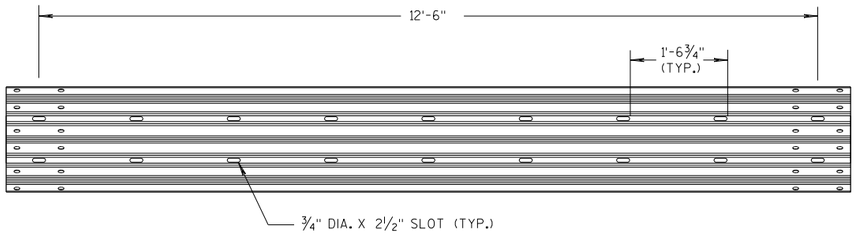
S.D.D. 14 B 45-5b



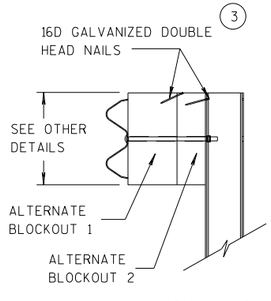
W-BEAM TO THRIE BEAM TRANSITION SECTION



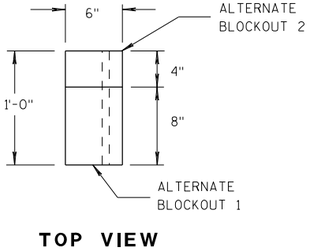
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

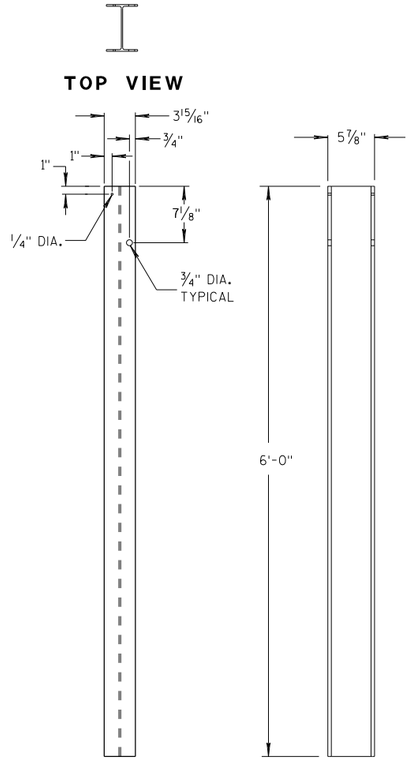


SIDE VIEW



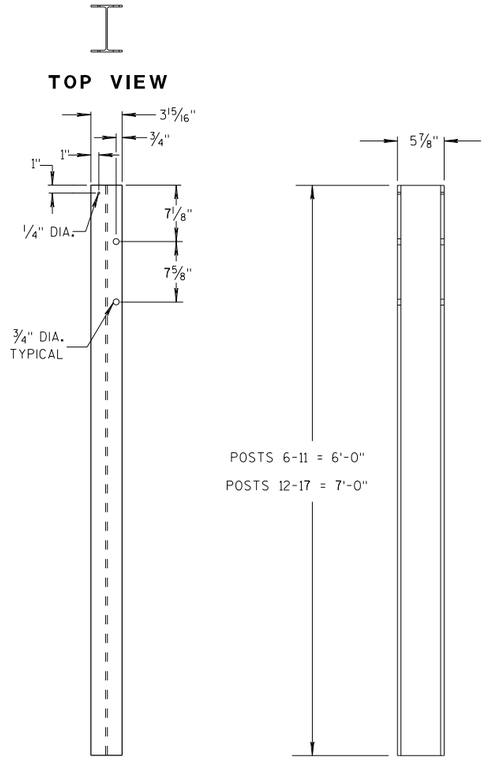
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



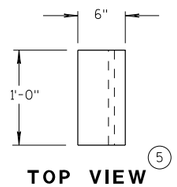
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

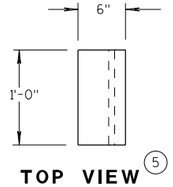


FRONT VIEW SIDE VIEW

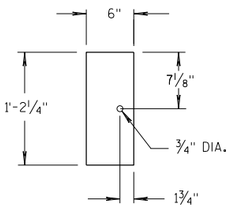
STEEL POSTS 6-17



TOP VIEW (5)

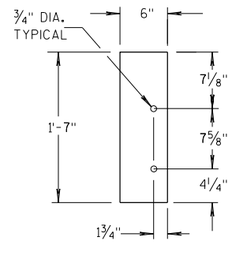


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

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

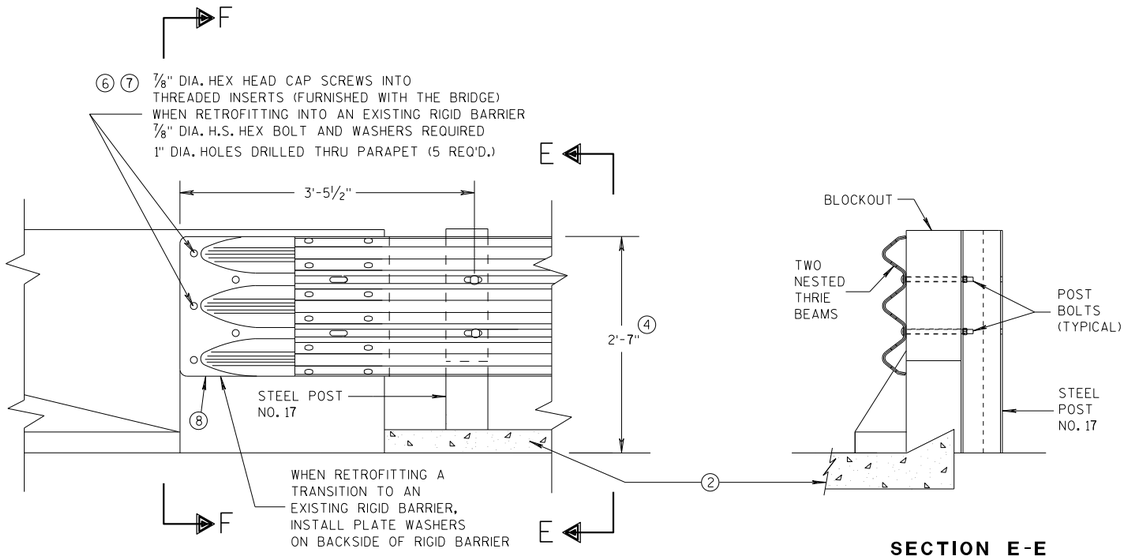
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 325

6
S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

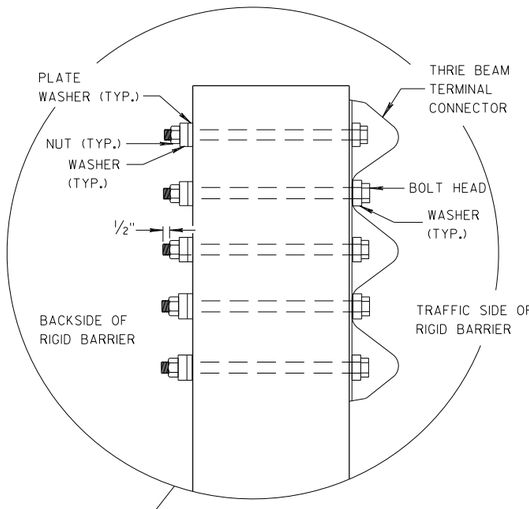
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

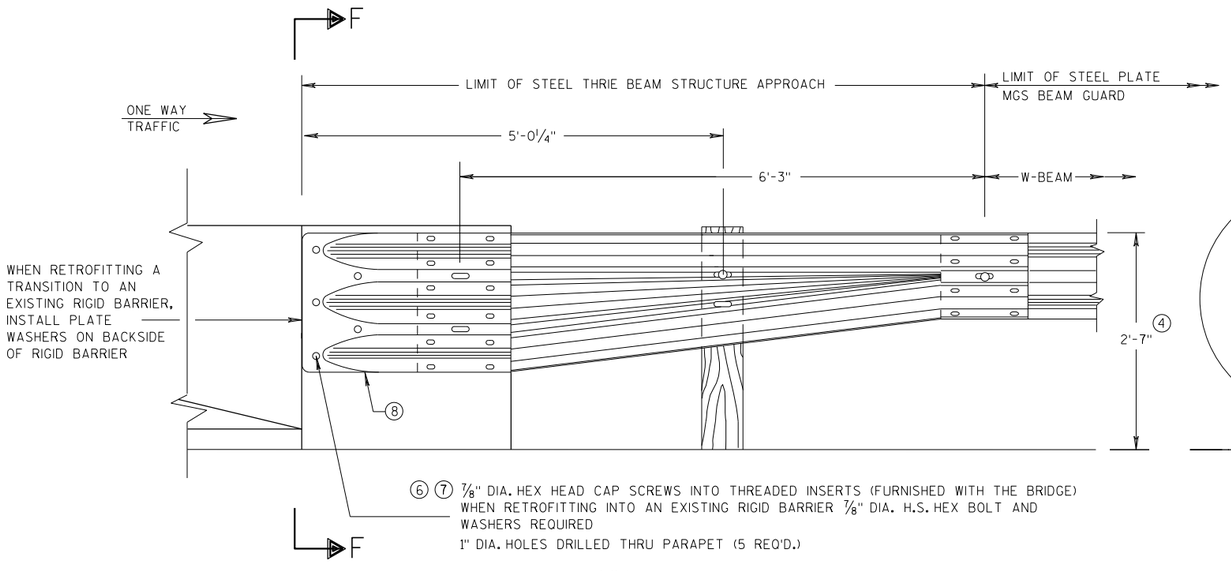
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

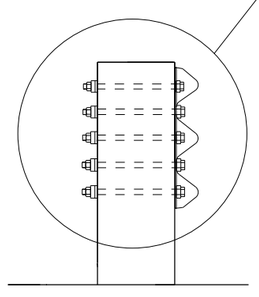
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

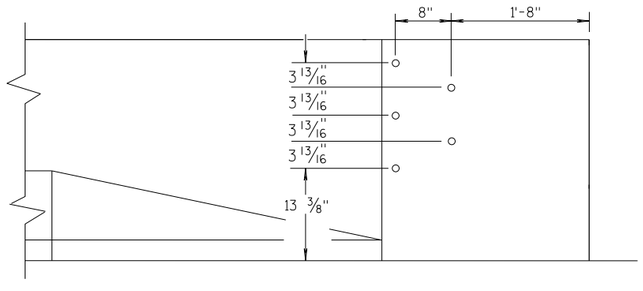




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

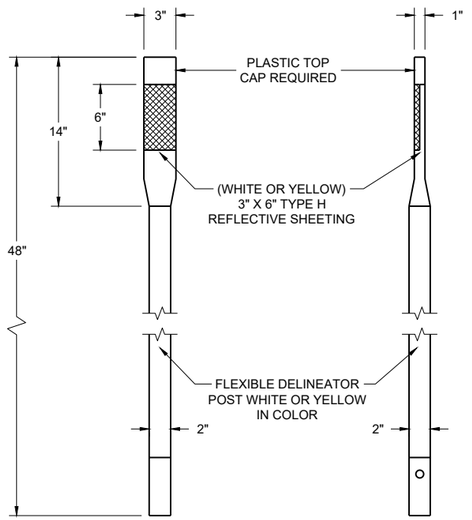
APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D[illegible] UNIT SUPERVIS[illegible]NT
FHWA

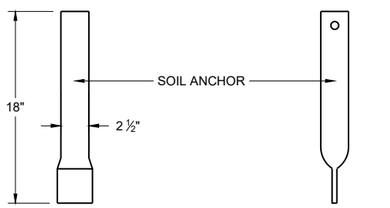
6

S.D.D. 14 B 45-5d

6

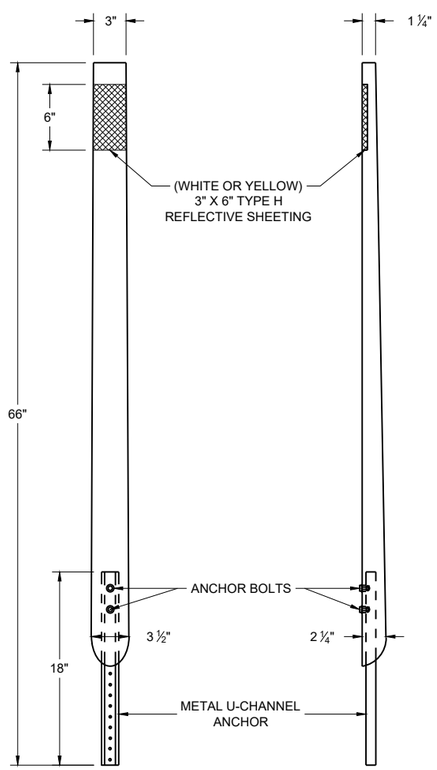
S.D.D. 14 B 45-5d





FRONT VIEW SIDE VIEW

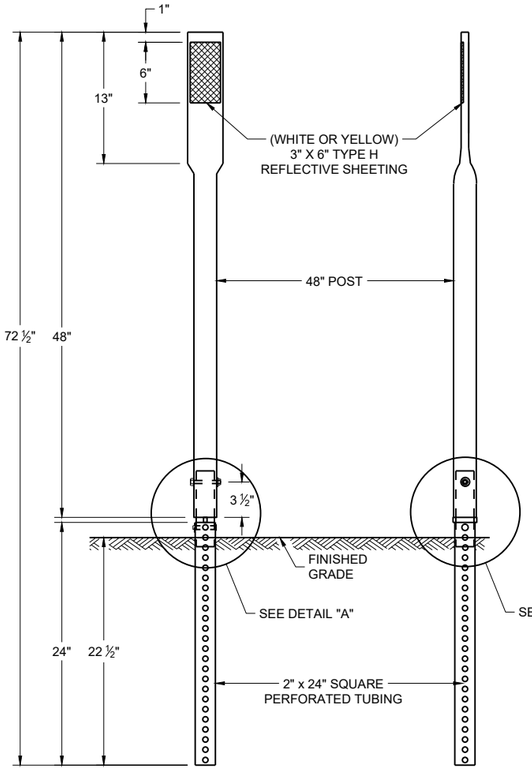
ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2

FLEXIBLE DELINEATOR POSTS

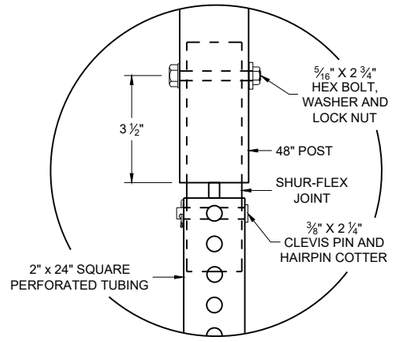


FRONT VIEW SIDE VIEW

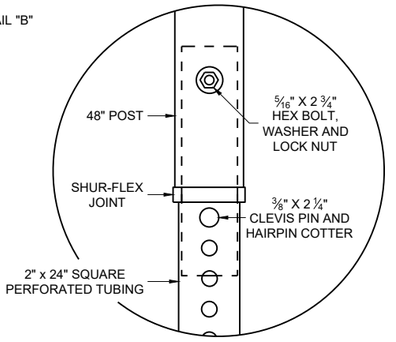
ALTERNATE 3

GENERAL NOTES

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



DETAIL A

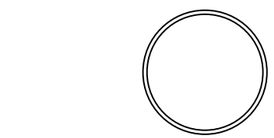


DETAIL B

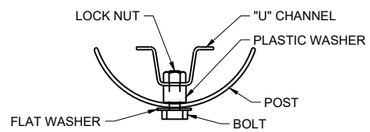
REFLECTOR SPACING TABLE

REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

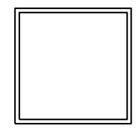
* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER



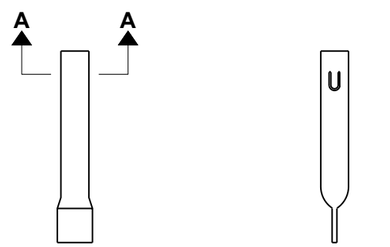
SECTION A - A



SECTION B - B

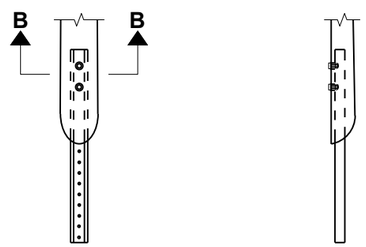


SECTION C - C



FRONT VIEW SIDE VIEW

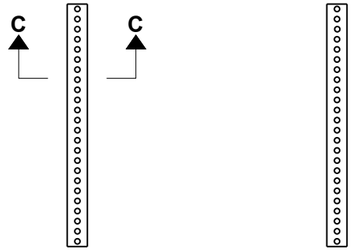
ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2

FLEXIBLE MARKER POST ANCHORS



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE DELINEATOR POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

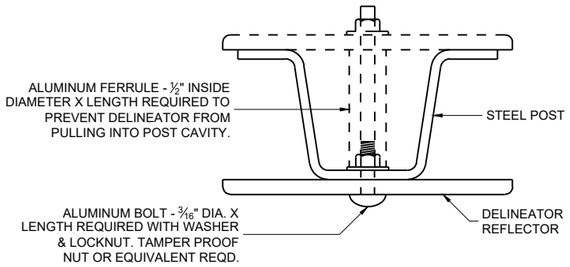
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

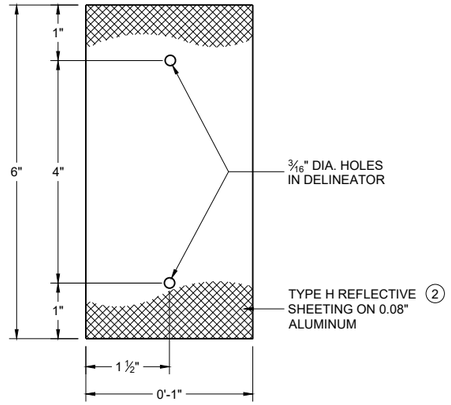
6

SDD 15A04-08a

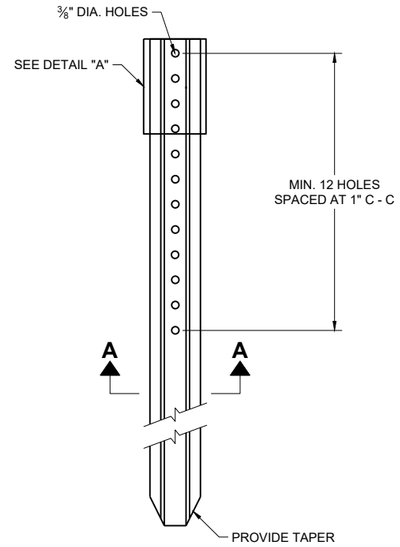
SDD 15A04-08a



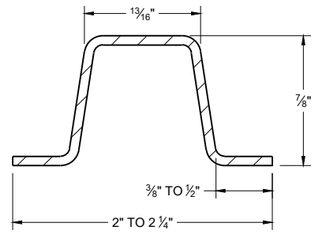
MOUNTING DETAIL FOR DELINEATOR REFLECTOR



DETAIL "A" 3" X 6" DELINEATOR REFLECTOR



DELINEATOR POST



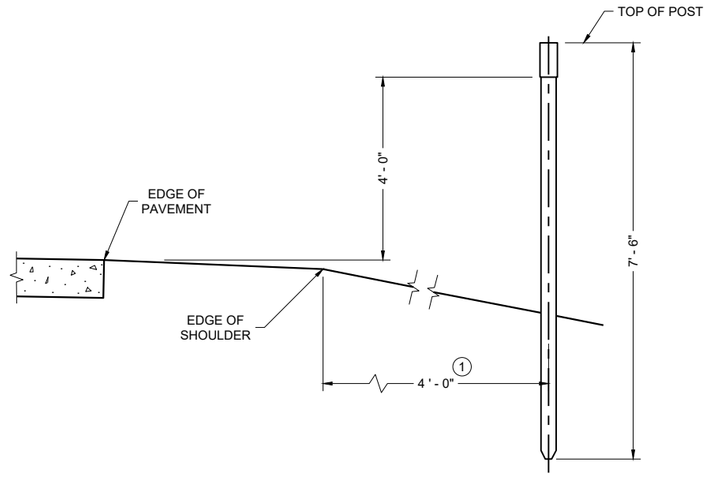
SECTION A - A

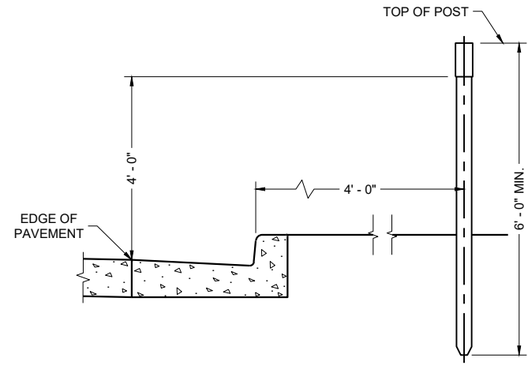
WEIGHT 1.12 LBS PER FT. \ 0.1 LB.

REFLECTOR SPACING TABLE

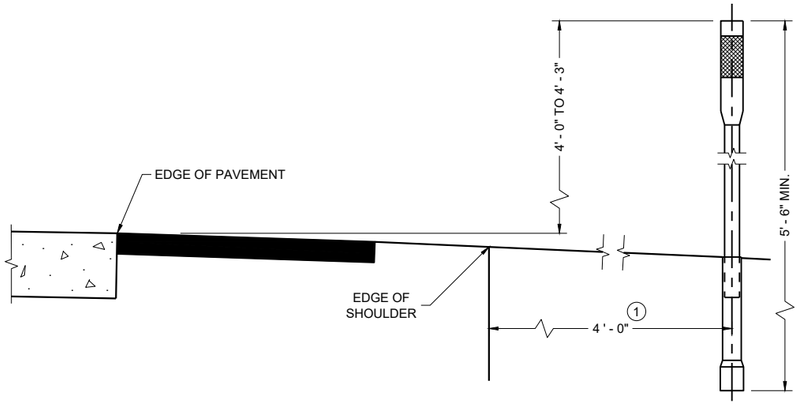
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

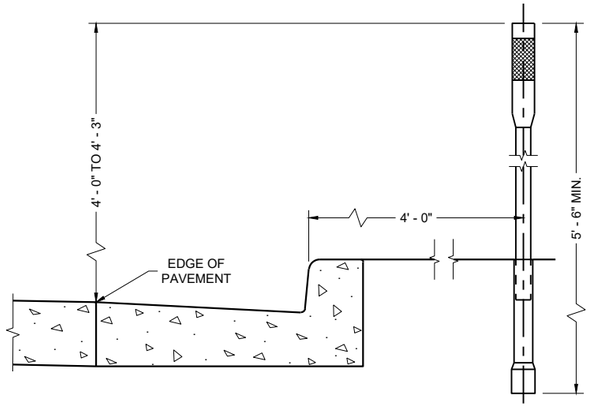
* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER





TYPICAL INSTALLATIONS OF DELINEATOR POSTS





TYPICAL INSTALLATIONS OF FLEXIBLE DELINEATOR POSTS

GENERAL NOTES

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

(1) DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.

(2) FURNISH TYPE H SHEETING FROM THE APPROVED PRODUCTS LIST.

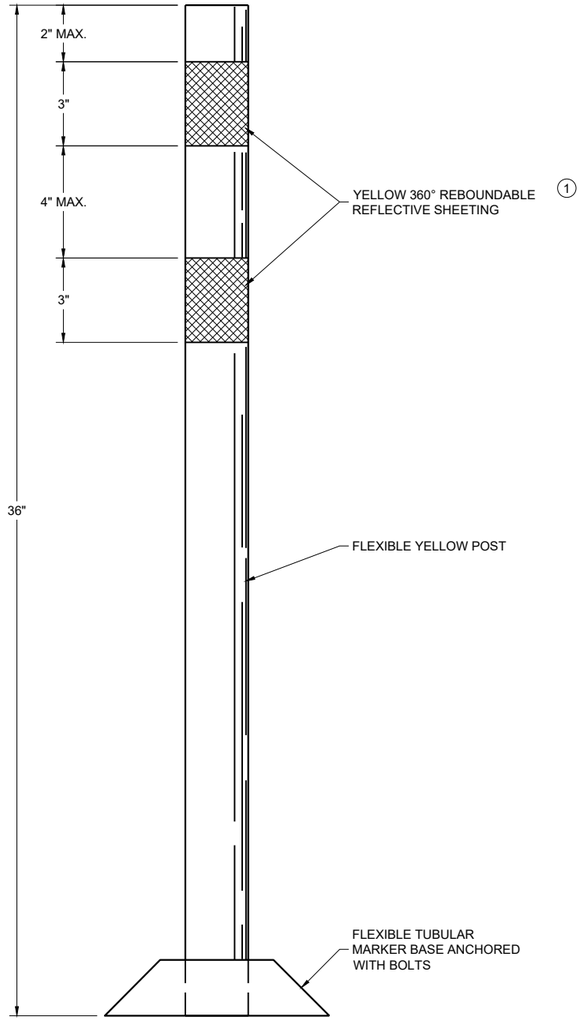
DELINEATOR POST WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6
SDD 15A04-08c



PERMANENT FLEXIBLE TUBULAR MARKER POST

GENERAL NOTES

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

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

SDD 15A04-08d

CHANNELIZING DEVICES
PERMANENT FLEXIBLE
TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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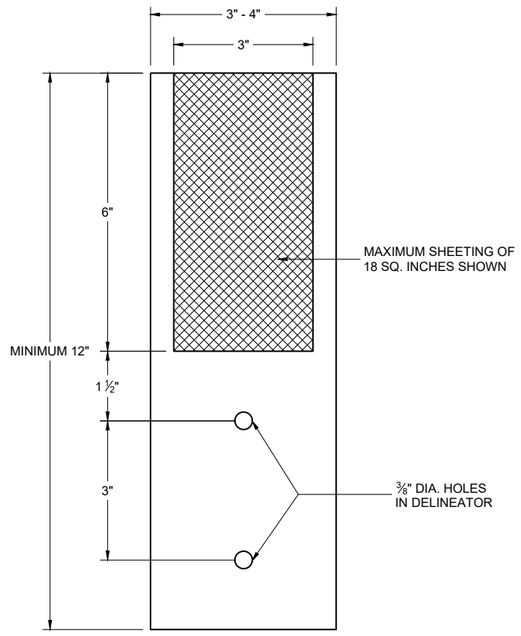
SDD 15A04-08d



4" x 12" DELINEATOR
WITH REFLECTIVE SHEETING

REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3

DELINEATOR POST
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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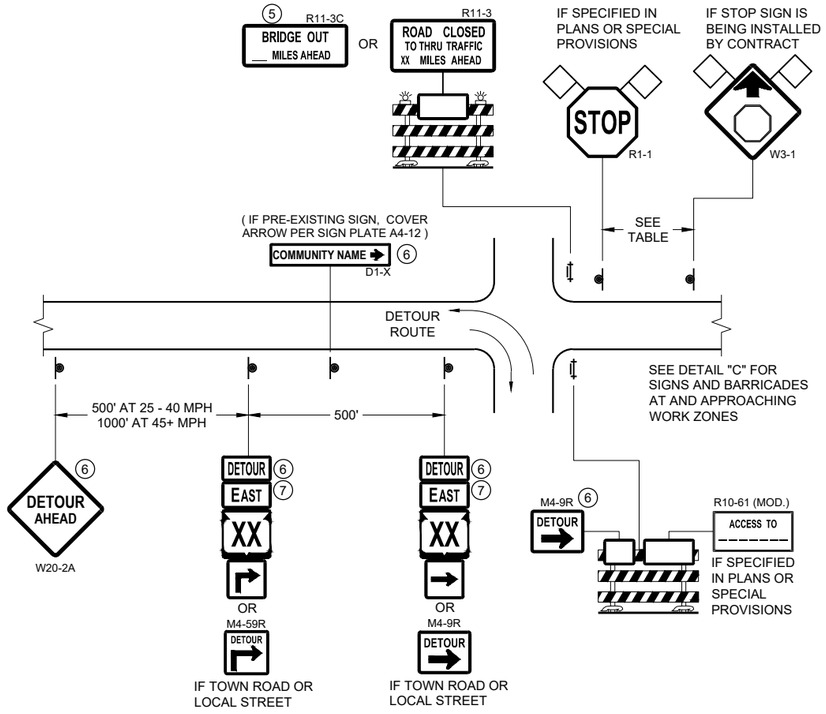
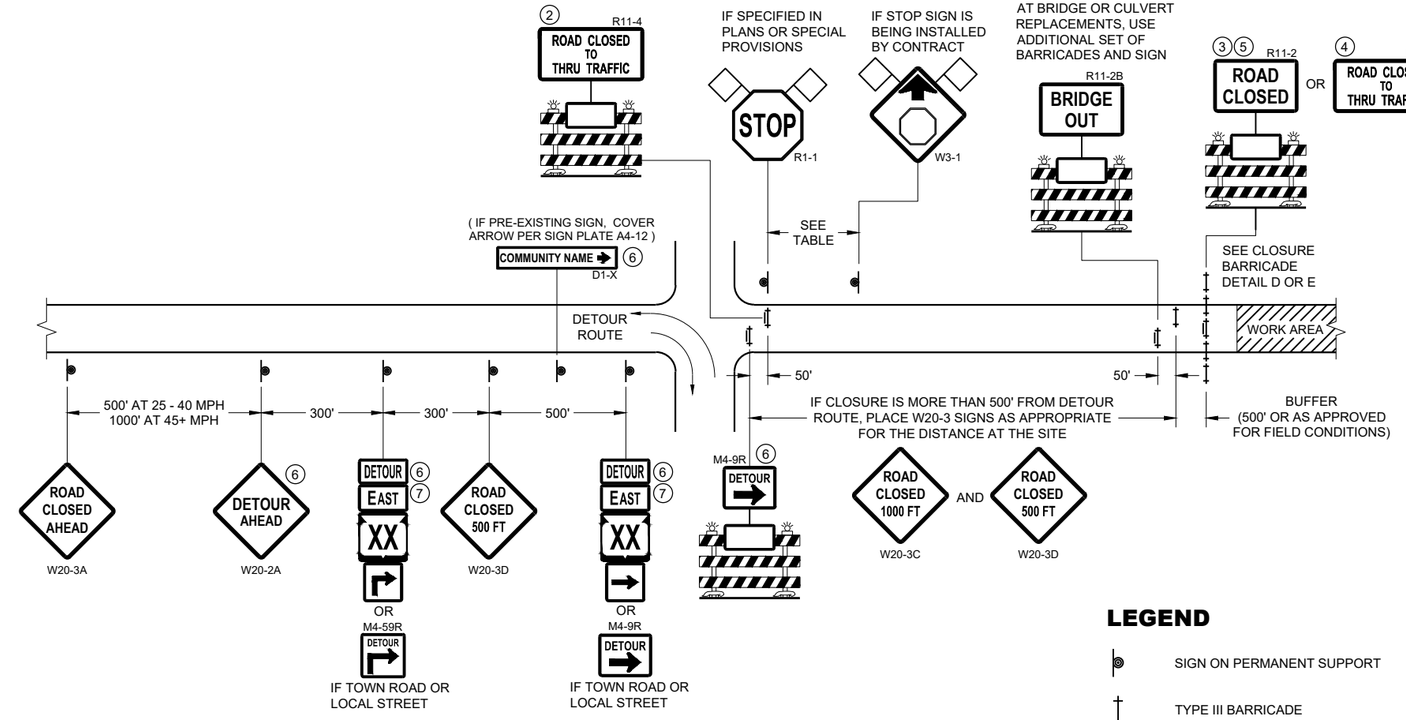
SDD 15A04-08e



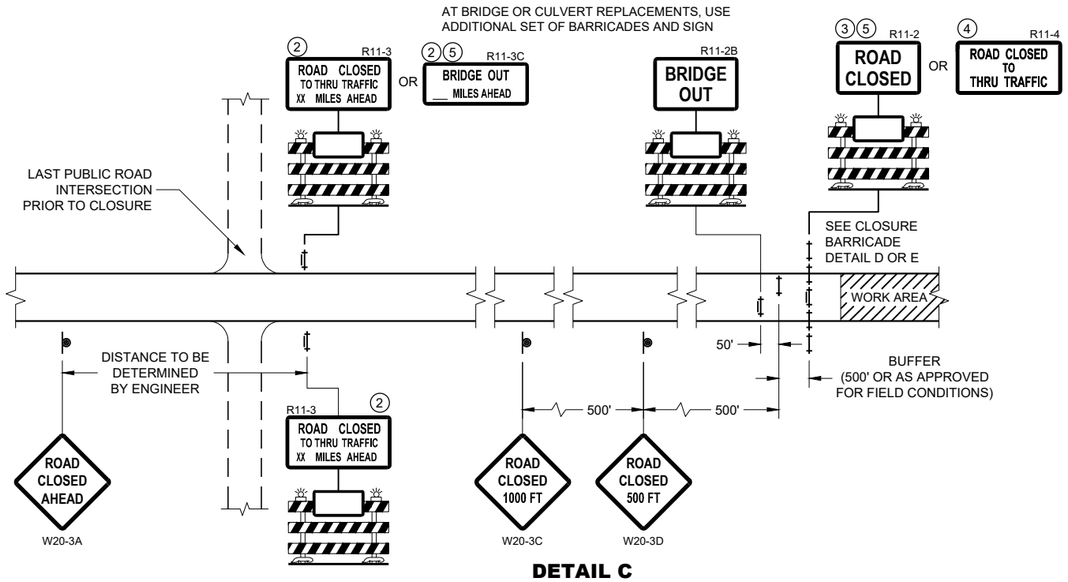
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

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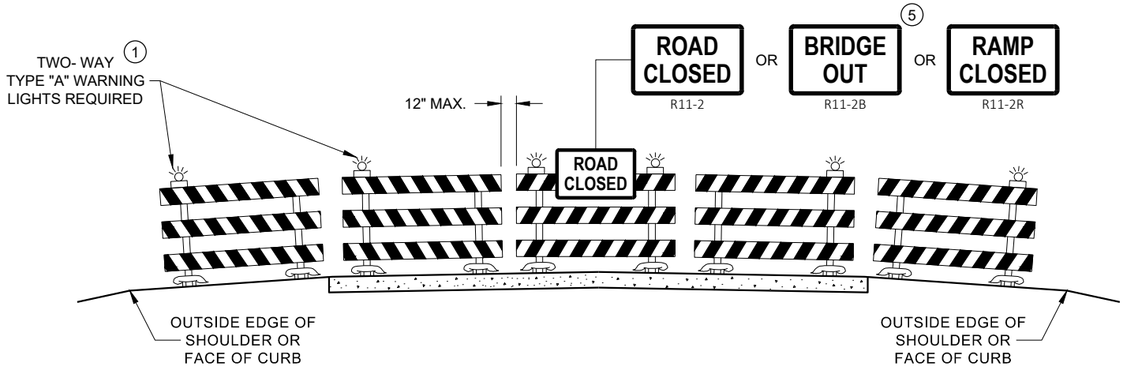
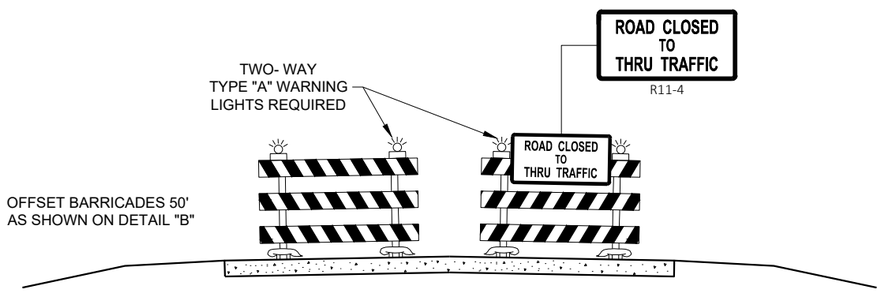
SDD 15C02 - 09a

SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

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

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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SDD 15C02 - 09b

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SDD 15C02 - 09b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR / EAST — M4 - 8, M3 - X
- XX — M1 - 4
- OR XX — M1 - 6
- OR COUNTY X — M1 - 5A
- M05 - 1
- OR M06 - 1
- OR M06 - 1

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

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

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

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

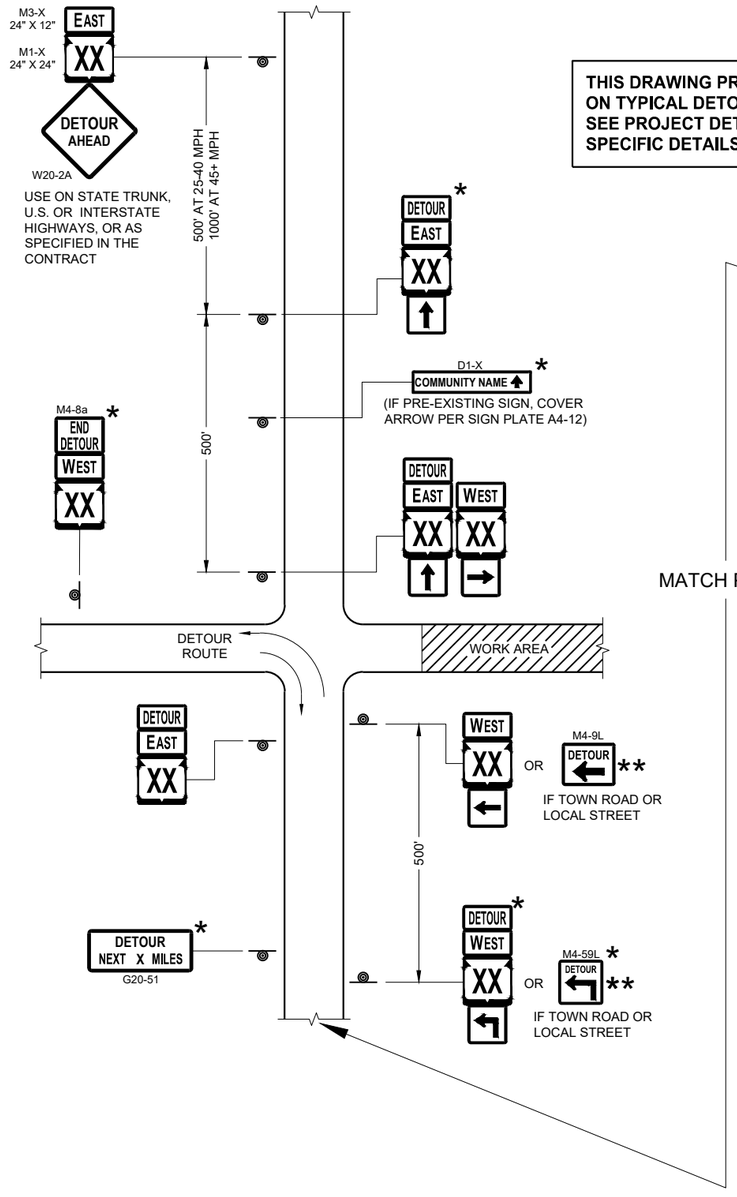
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

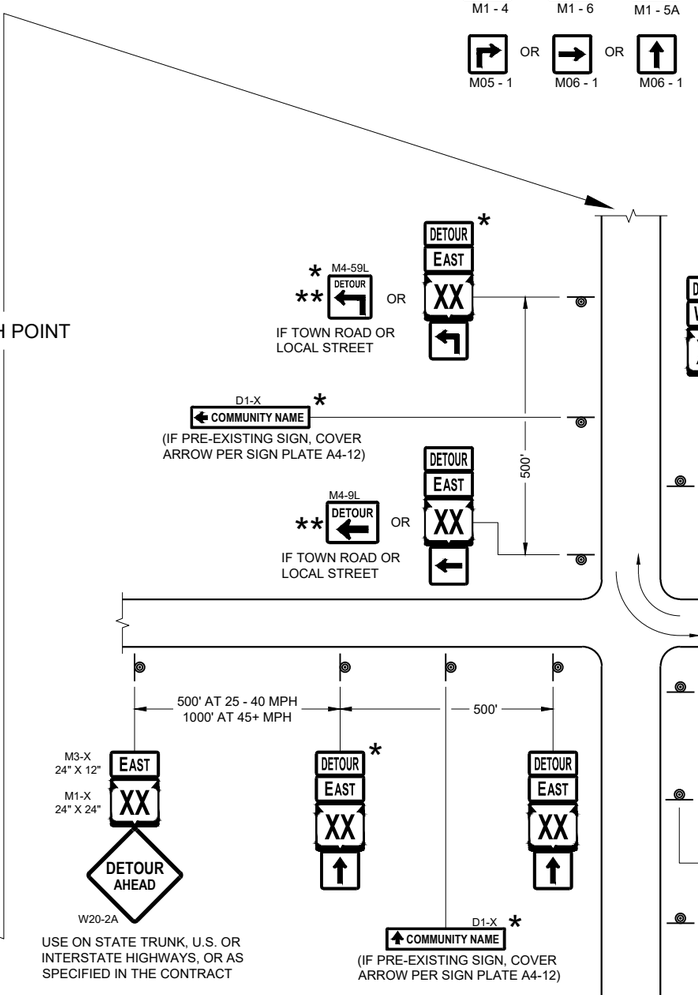
SIGN SIZES SHALL BE AS FOLLOWS:

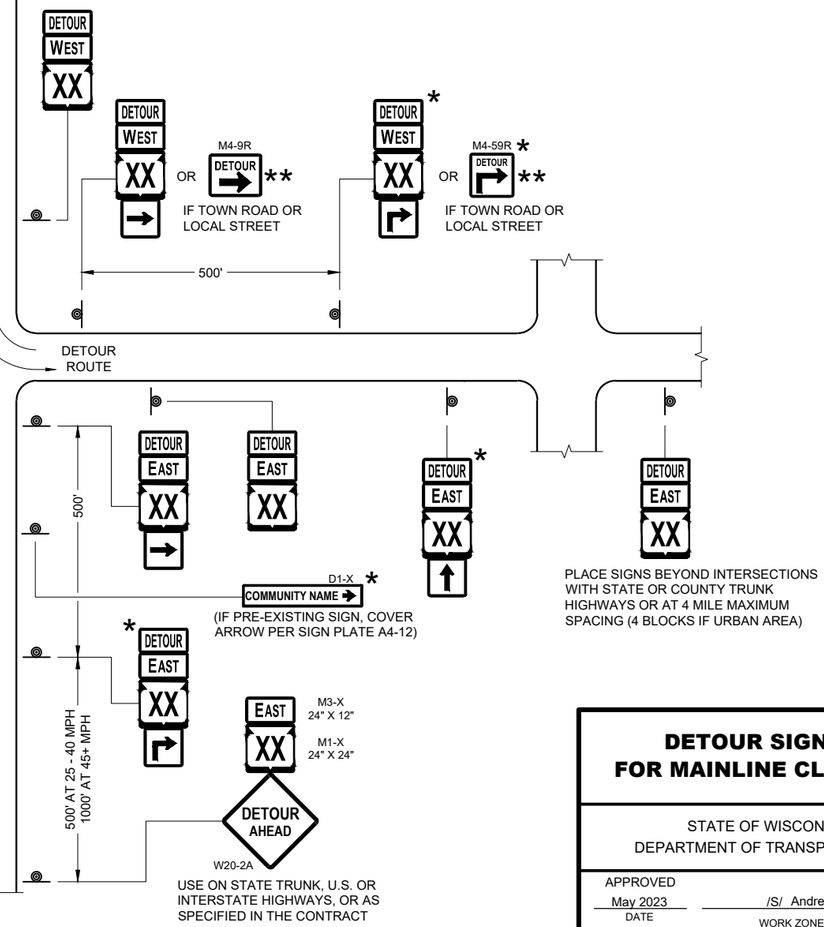
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.







SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C02 - 09c

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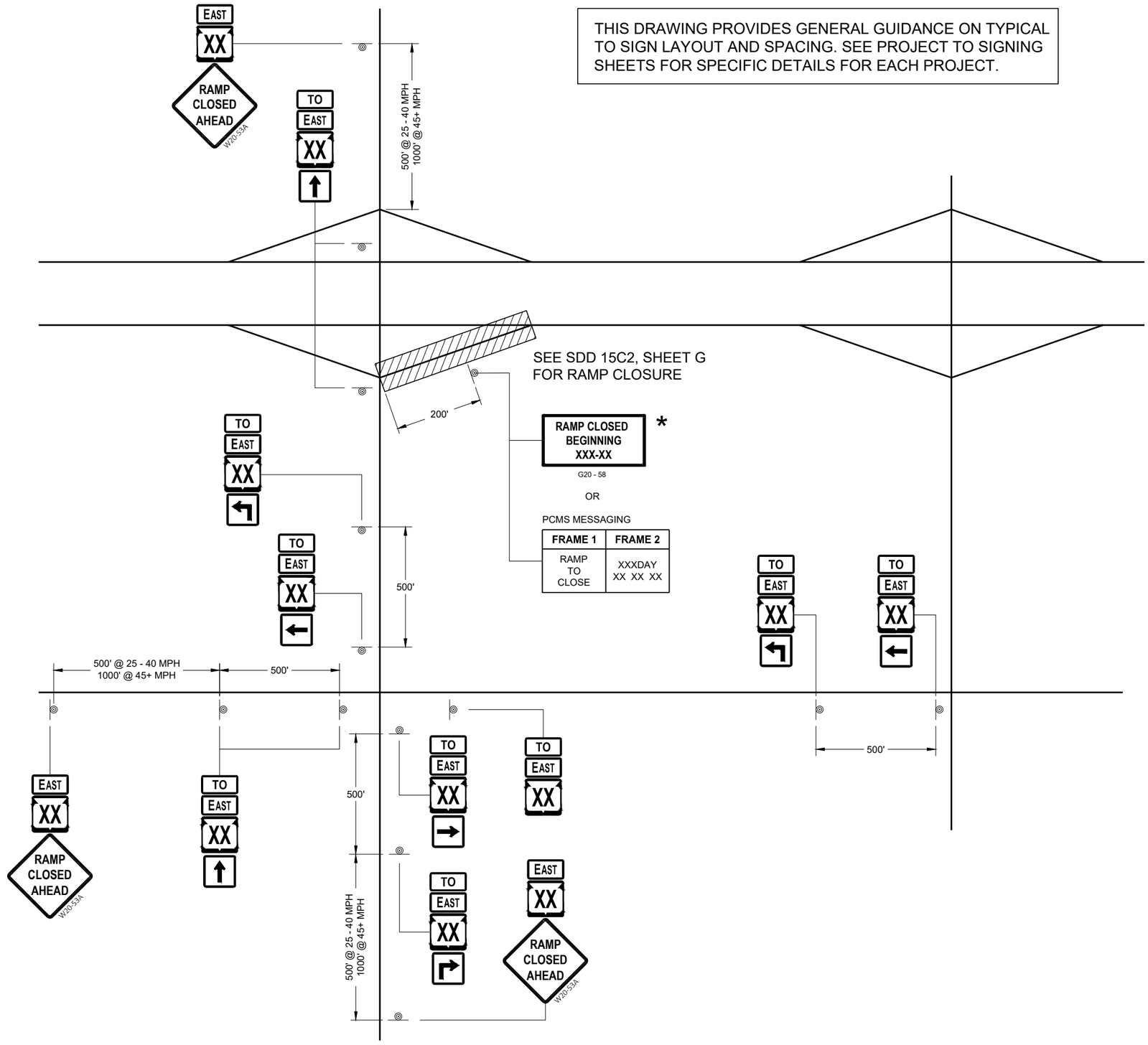

LEGEND

SIGN ON PERMANENT SUPPORT

TO EAST — MO4 - 5, M3 - X

XX M1 - 6 OR XX M1 - 4 OR INTERSTATE XX M1 - 1

M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

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

IF THERE ARE ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE TO ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

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 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.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOW:
- M3 - X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- MO4 - 5 SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- M1 - 1, M1 - 4, AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS).
- MO5 - 1, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).
- W20 - 53A SHALL BE 48" X 48"

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

ON RAMP LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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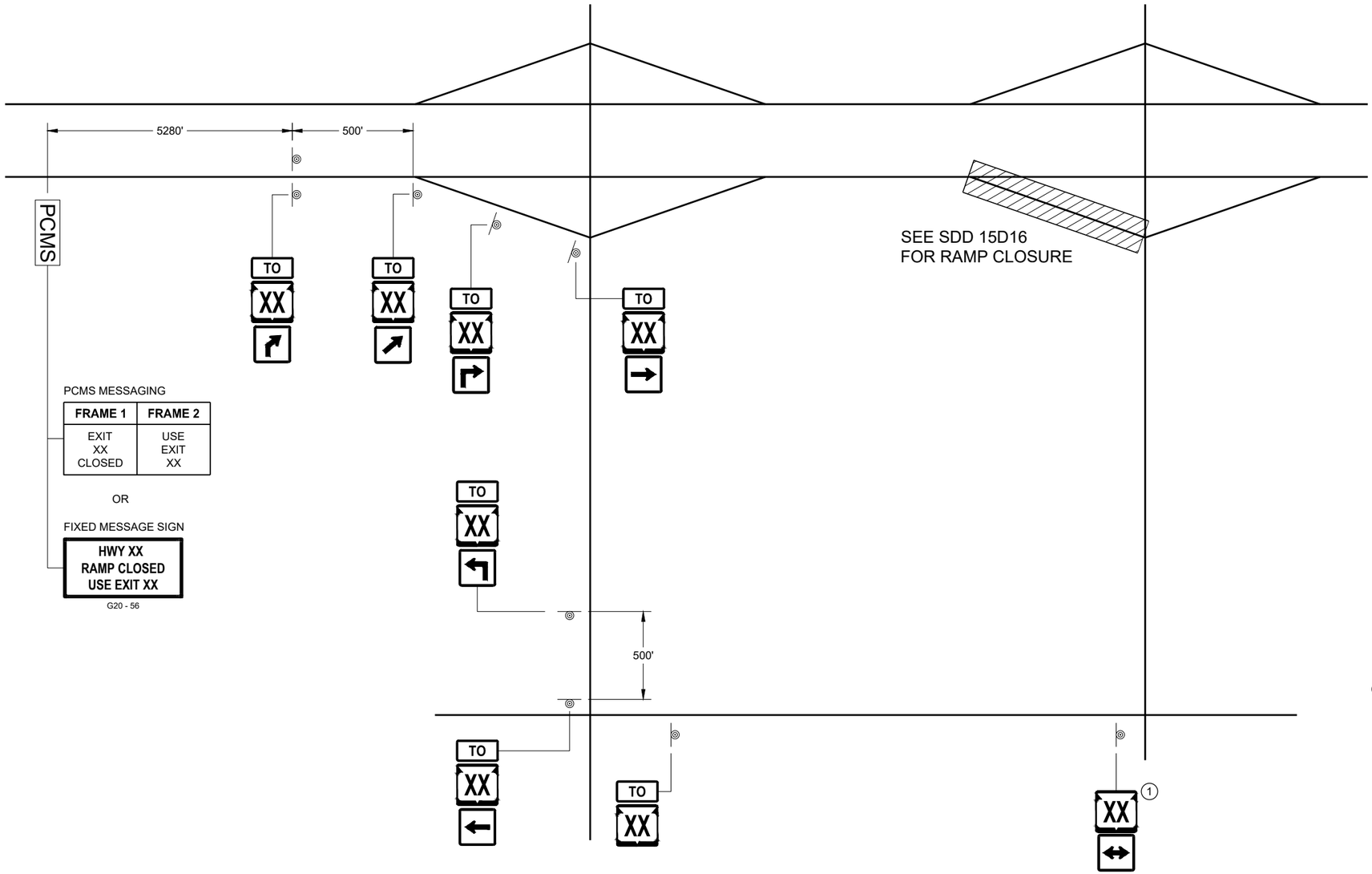
SDD 15C02 - 09d

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL "TO" MO-4 SIGN LAYOUT AND SPACING. SEE PROJECT TO SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.



PCMS MESSAGING

FRAME 1	FRAME 2
EXIT XX CLOSED	USE EXIT XX

OR

FIXED MESSAGE SIGN

HWY XX
RAMP CLOSED
USE EXIT XX

G20 - 56

LEGEND

SIGN ON PERMANENT SUPPORT

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

TO MO4 - 5

XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A

M05 - 1 OR M05 - 2 OR M06 - 1 OR M06 - 2 OR M06 - 4

GENERAL NOTES

SEE SDD 15D16 "TRAFFIC CONTROL, EXIT RAMP CLOSURE" DETAIL FOR TRAFFIC CONTROL AT EXIT RAMP CLOSURE.

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

IF THERE ARE ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE "TO" MO-4 ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND "TO" MO-4 SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOW:
- MO4 - 5 SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- M1 - 4, M1 - 5A, AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS).
- MO5 - 1, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).

(1) ONLY ADD IF THERE ARE NO EXISTING ROUTE MARKERS FOR THE INTERSECTING ROADWAY.

OFF RAMP
LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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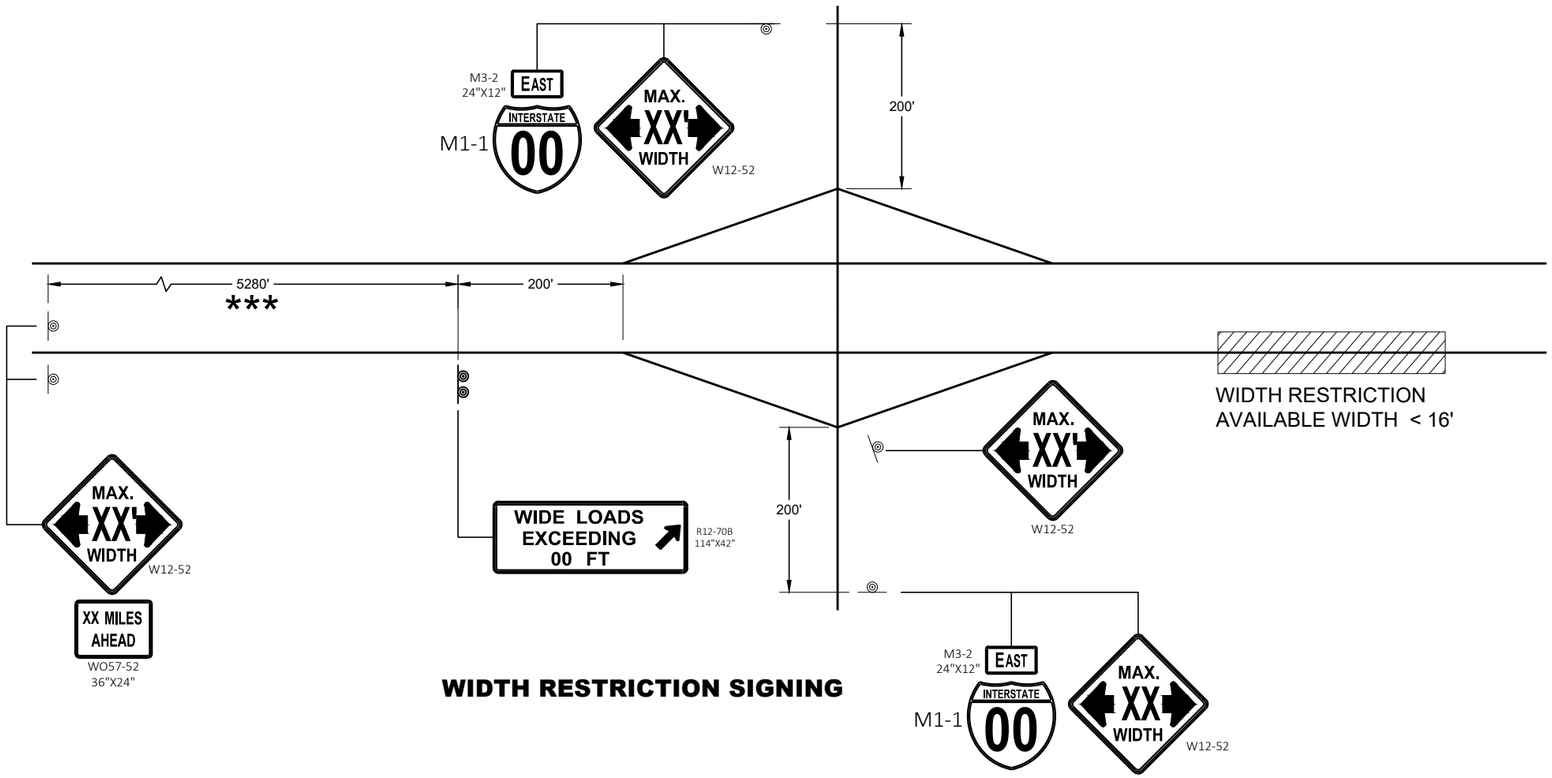
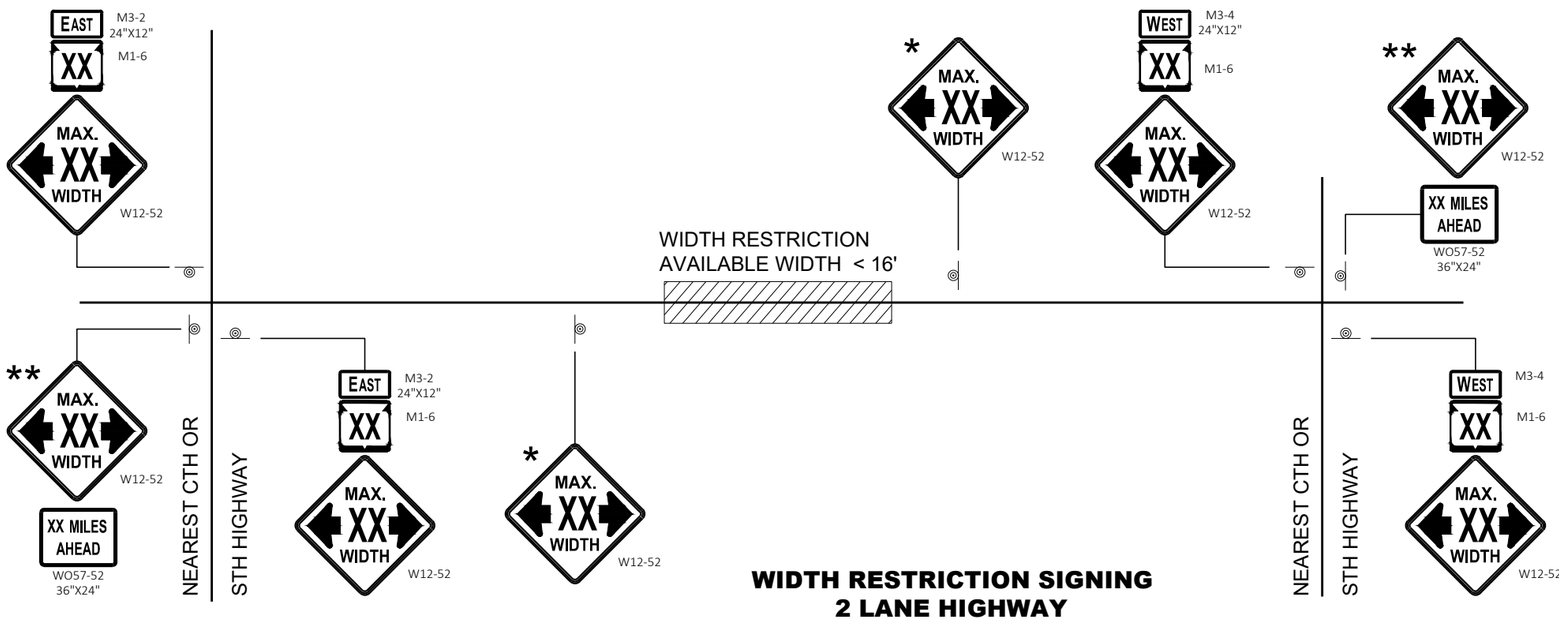


WIDTH RESTRICTION SIGNING



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

LEGEND

◎ SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS 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 DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

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

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH

6

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SDD 15C02 - 09f

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
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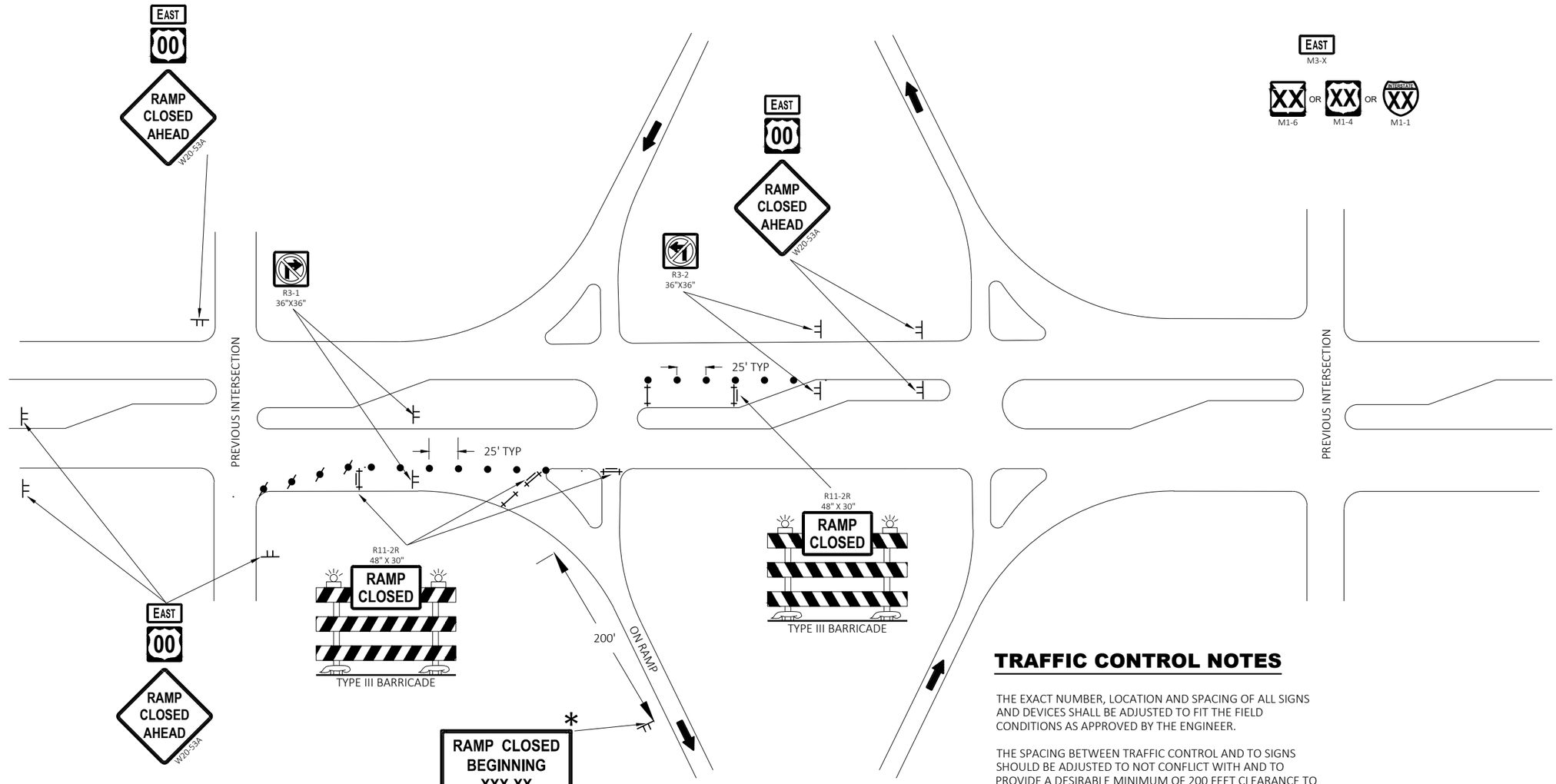
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA



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

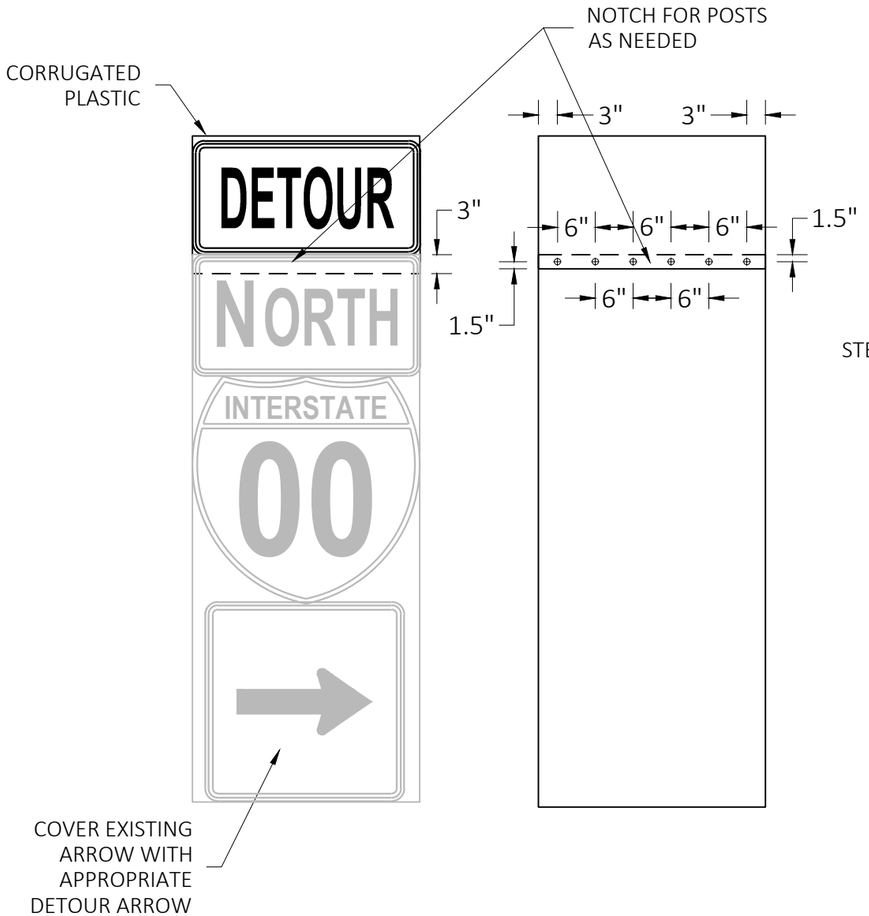
6

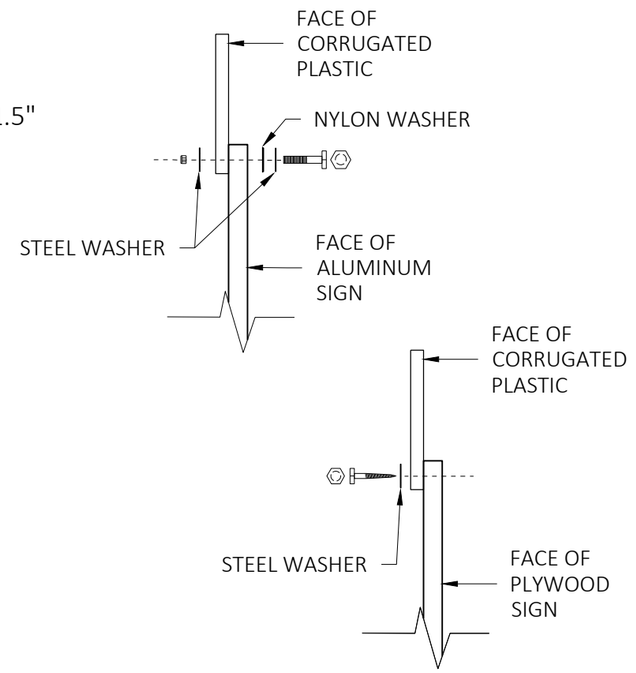
SDD 15C02-09g

FRONT SIDE

BACK SIDE

SIDE VIEW





GENERAL NOTES

CELLS OF CORRUGATED PLASTIC SHALL BE VERTICALLY ORIENTED.

PROVIDE A 0.4-INCH THICK BASE CORRUGATED PLASTIC WITH A 0.035-INCH WALL THICKNESS AND 0.4-INCH CELL SIZE.

FOR 36" WIDE SIGNS: USE 6 FASTENERS AS SHOWN.

FOR 24" WIDE SIGNS: USE 4 FASTENERS WITH EDGE SPACING AS SHOWN AND 6" SPACING BETWEEN FASTENERS.

METAL WASHERS, NUTS, BOLTS AND LAGS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3.

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

PLYWOOD SIGNS:
LAG SCREWS - 5/16" x 1"
ALUMINUM SIGNS:
MACHINE BOLTS - 5/16" x 1-1/4" LENGTH W/NUTS
WASHERS:
1-1/4" O.D. x 3/8" I.D. x 1/16" STEEL
1-1/4" O.D. x 3/8" I.D. x .080 NYLON

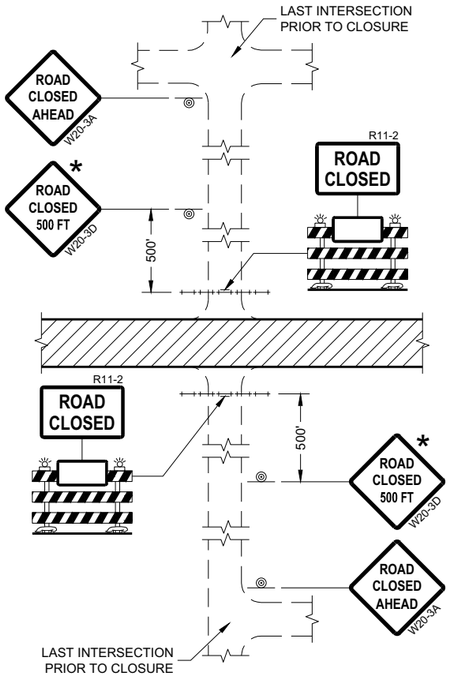
MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

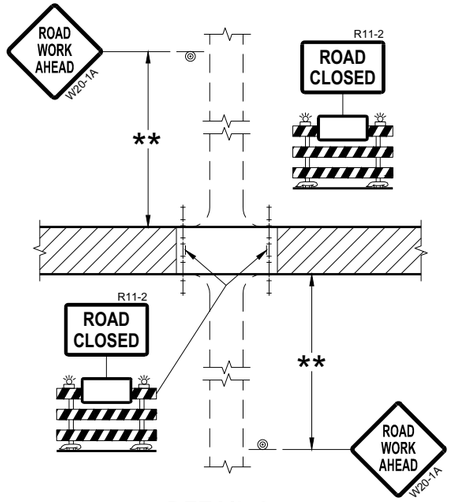
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVEL ENGINEER
FHWA

6
SDD 15C02-09h



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

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

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

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

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

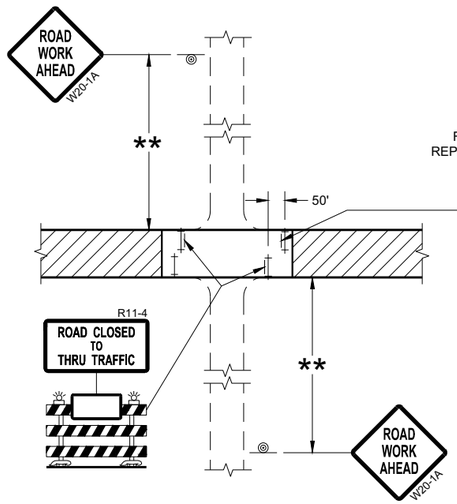
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

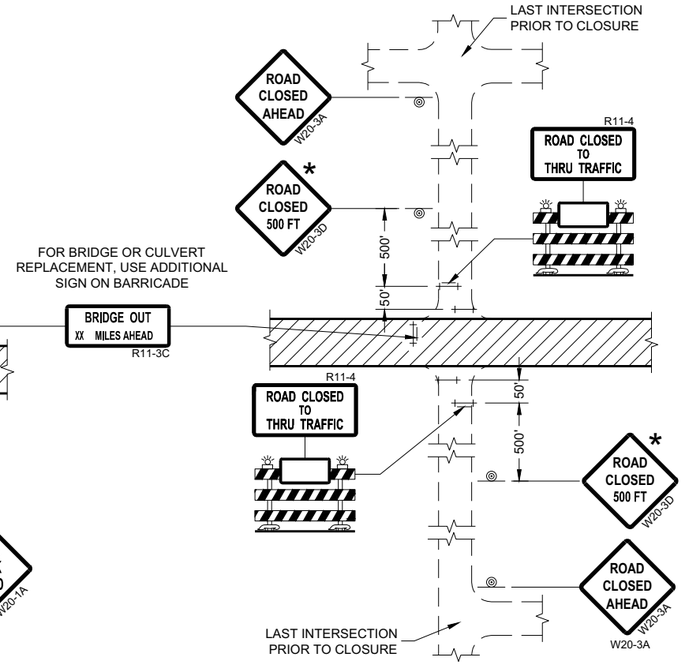
ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C03 - 05

SDD 15C03 - 05

GENERAL NOTES

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

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

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

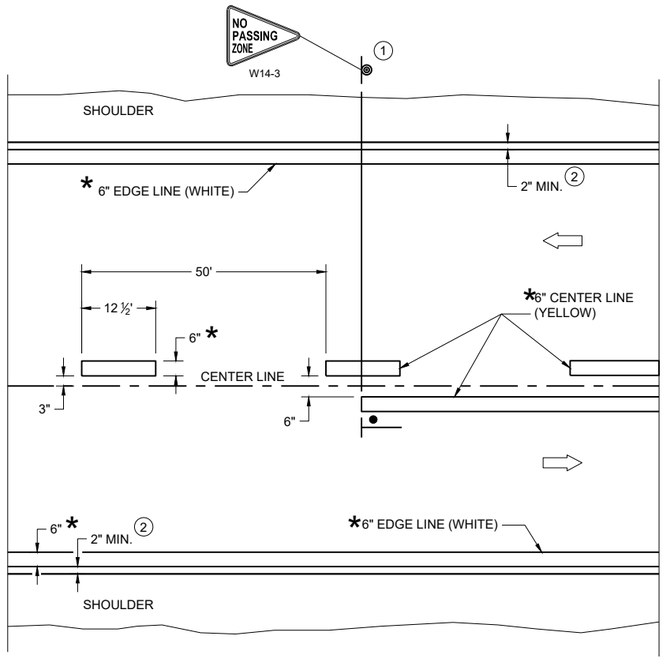
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

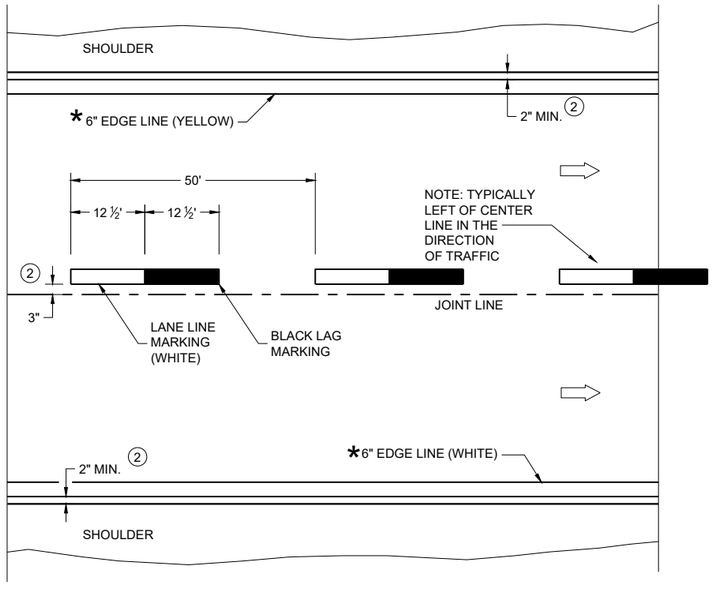
"T" MARKING

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

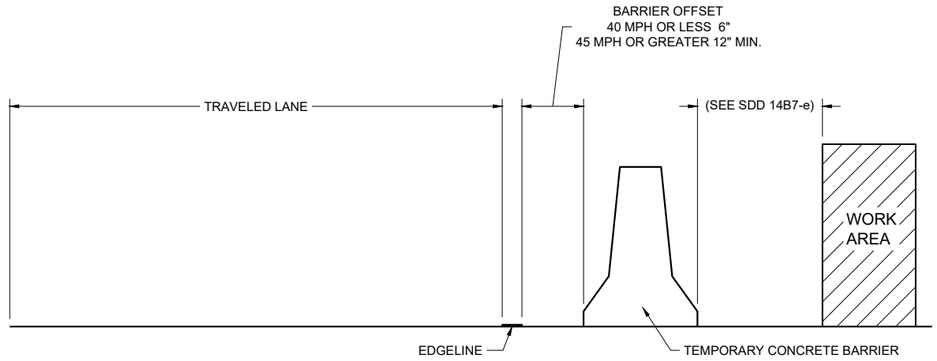
APPROVED

May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

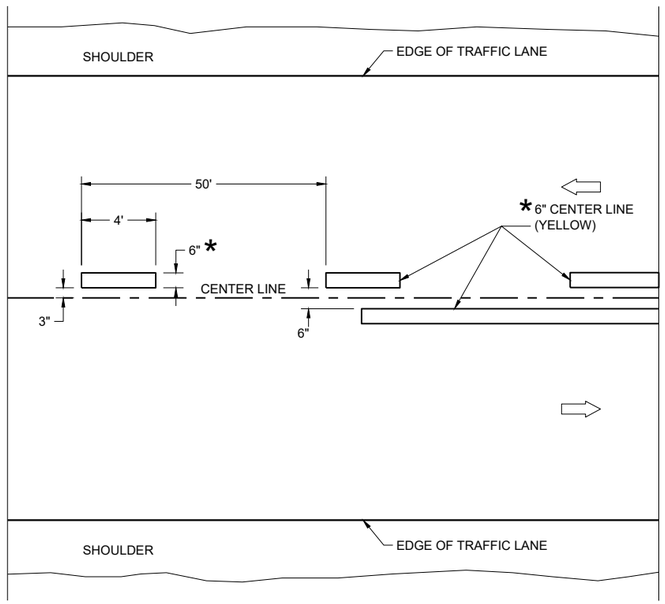
GENERAL NOTES

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

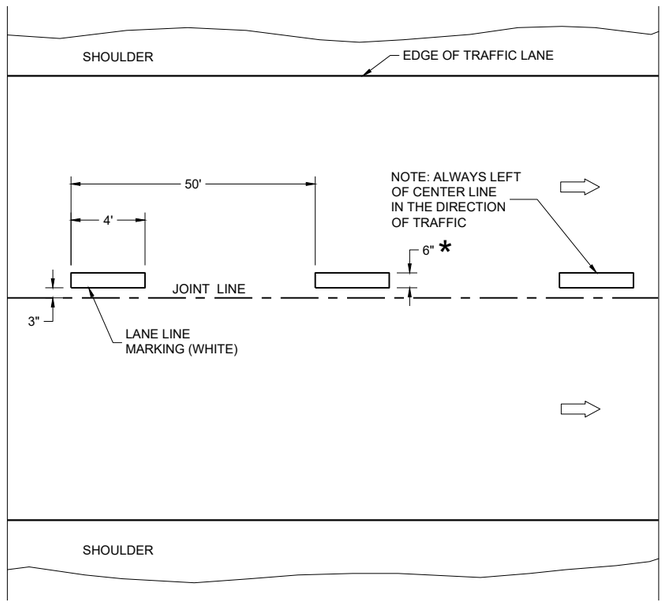
LEGEND

DIRECTION OF TRAFFIC

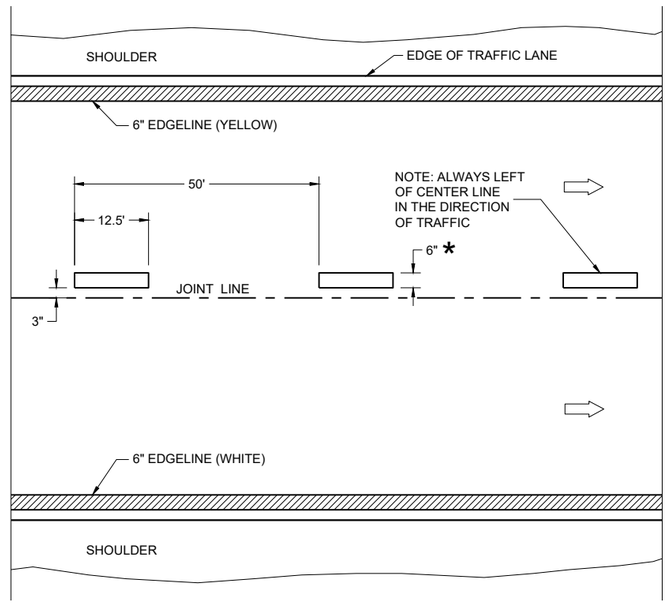
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



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

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SDD 15C08-23b

6

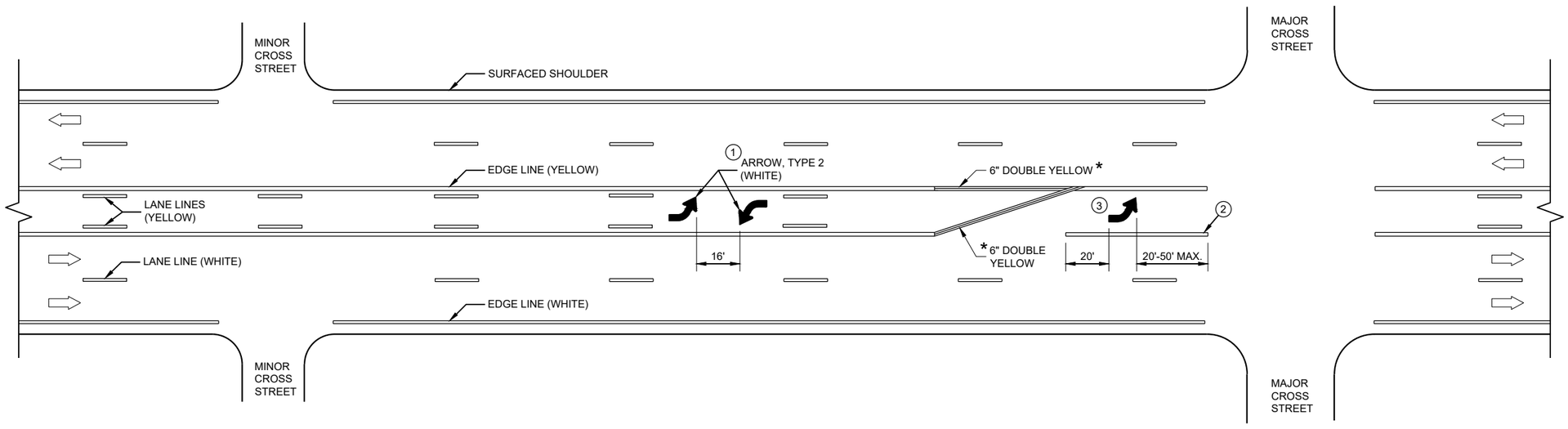
SDD 15C08-23b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



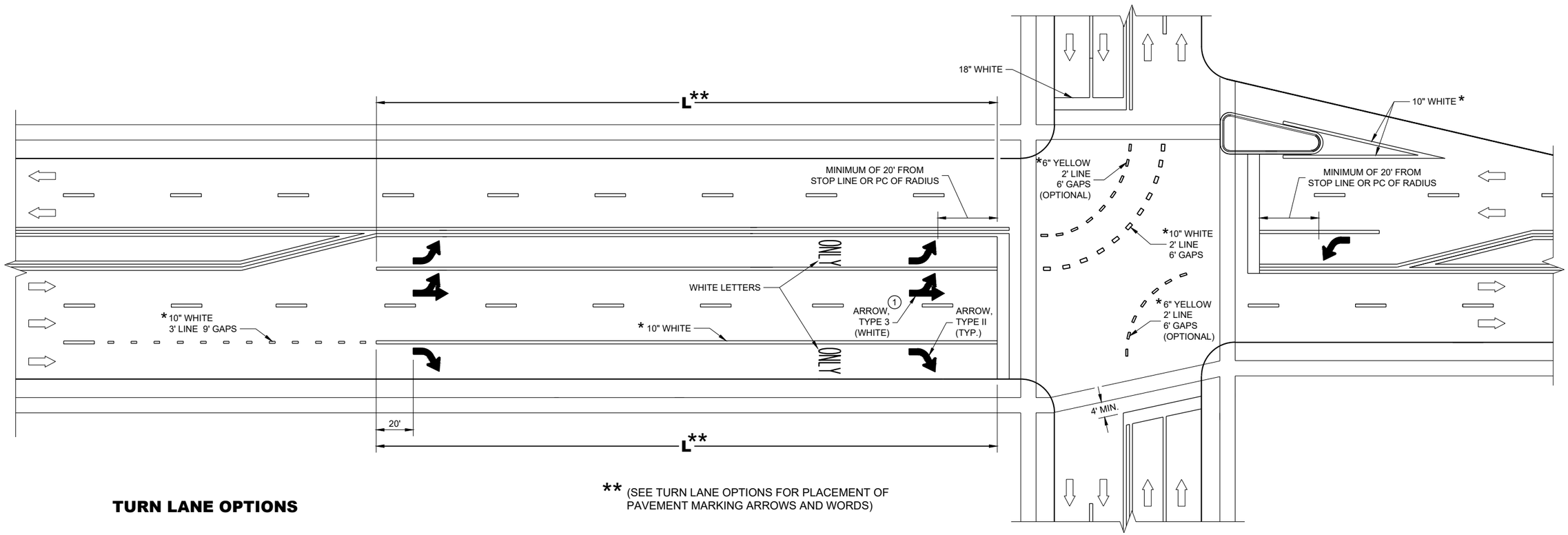
TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA· 342

SDD 15C08-23c

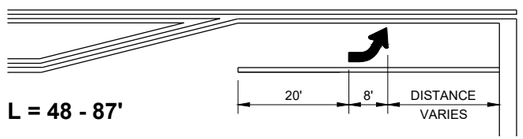
6



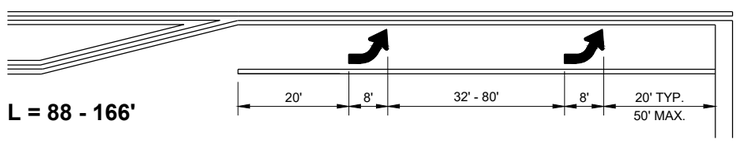
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

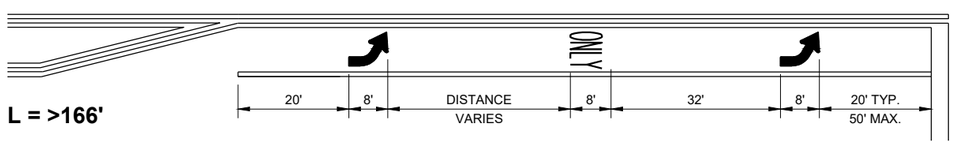
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

(1) QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

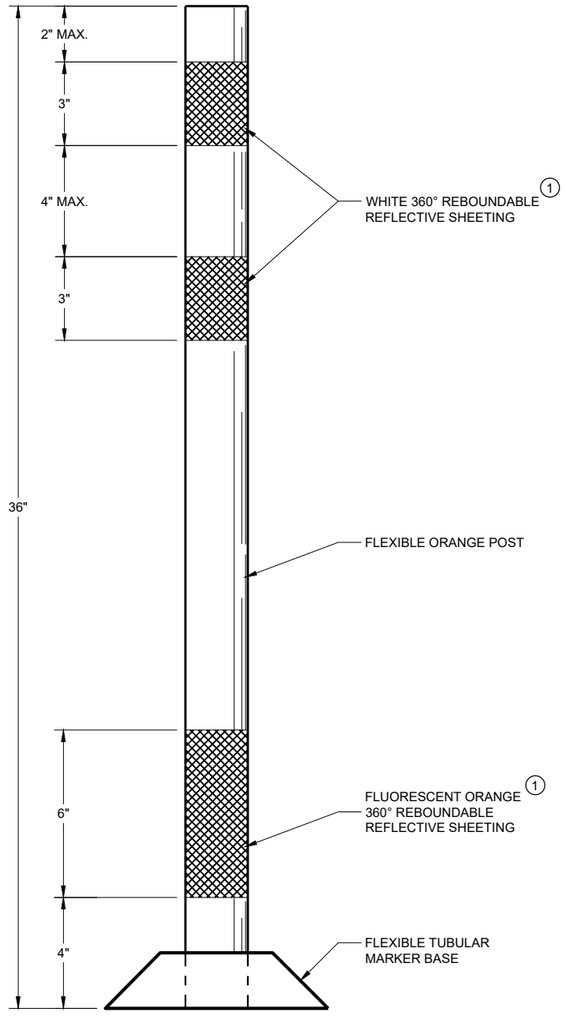
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08-23d

SDD 15C08-23d



FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

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

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

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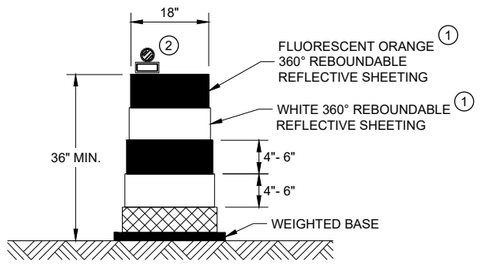
SDD15C11 - 10a

SDD15C11 - 10a

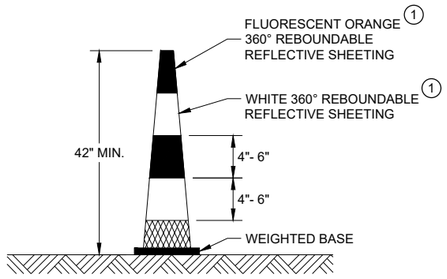
GENERAL NOTES

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

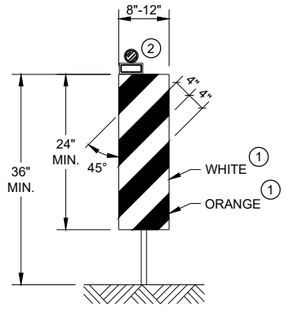
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

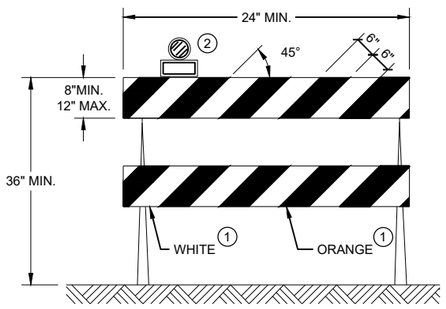
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



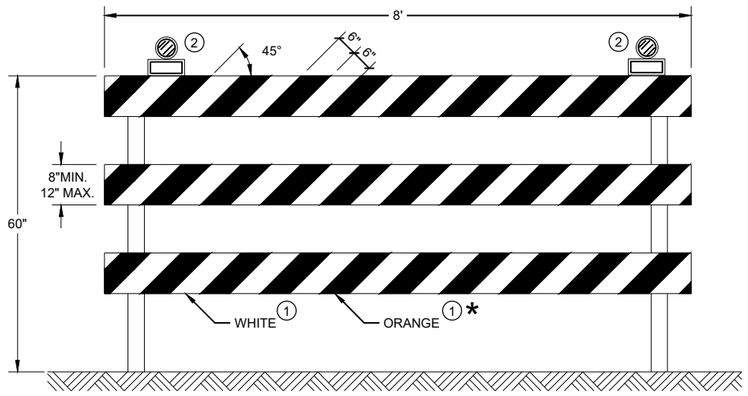
VERTICAL PANEL

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

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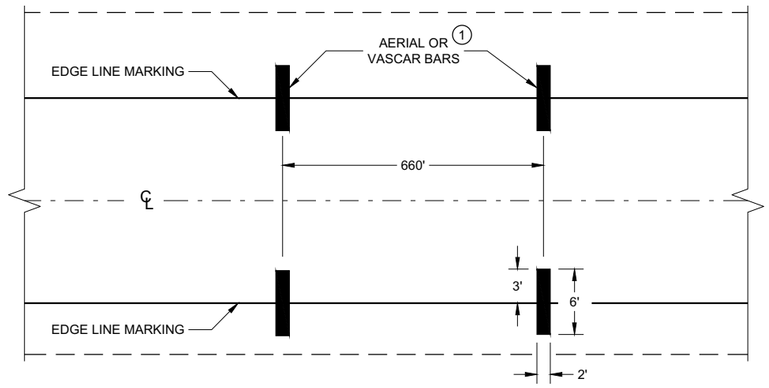
SDD 15C11 - 10b

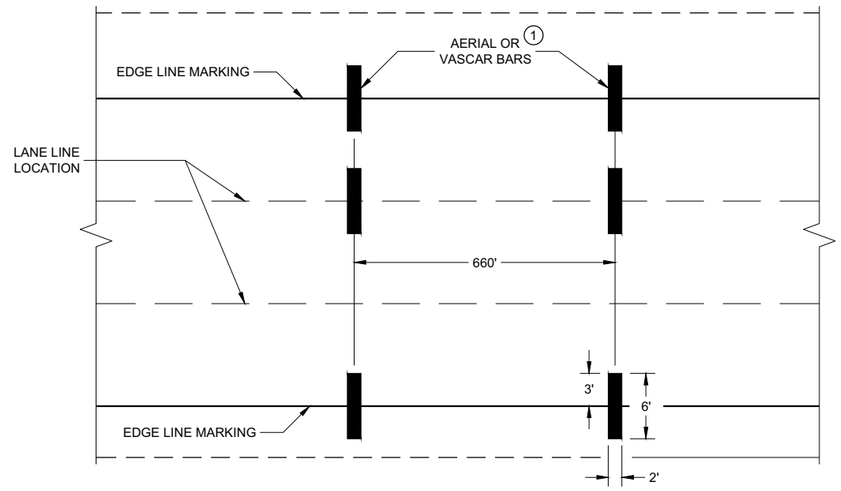
GENERAL NOTES

(1) PLACE TWO TO FIVE AERIAL OR VASCAR BARS AT 660 FOOT SPACING.

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

6

SDD 15C14 - 04

AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

February 2021
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

FHWA

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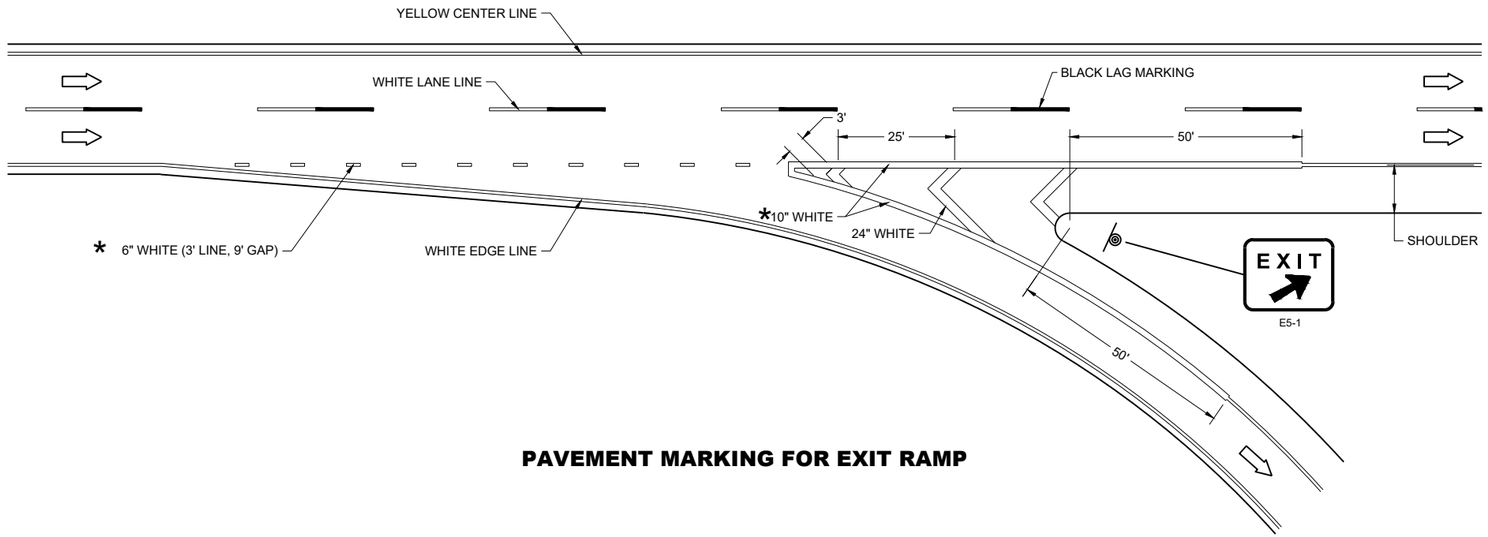
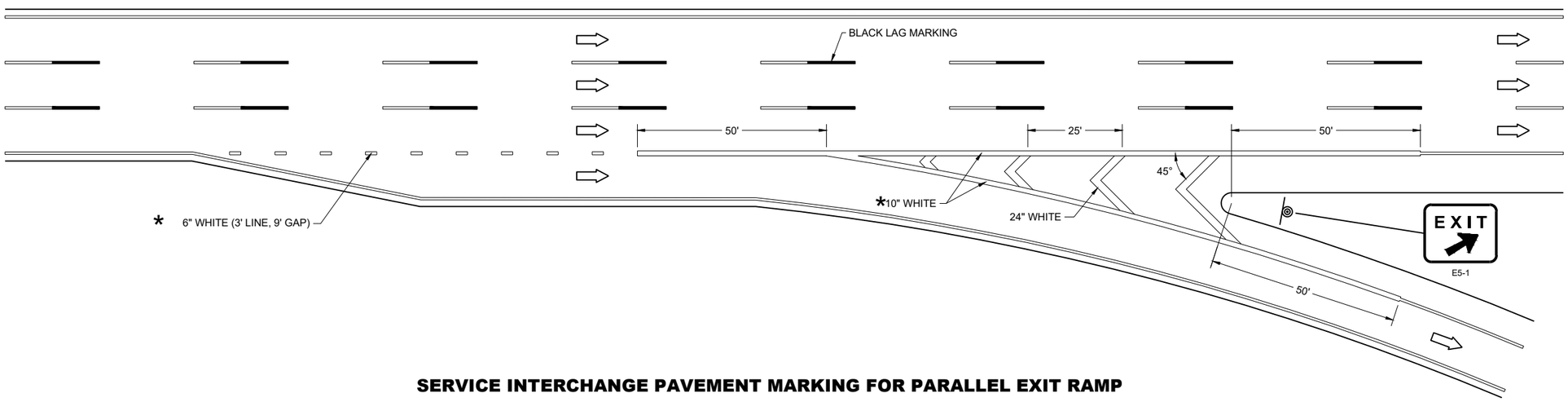
SDD 15C14 - 04



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

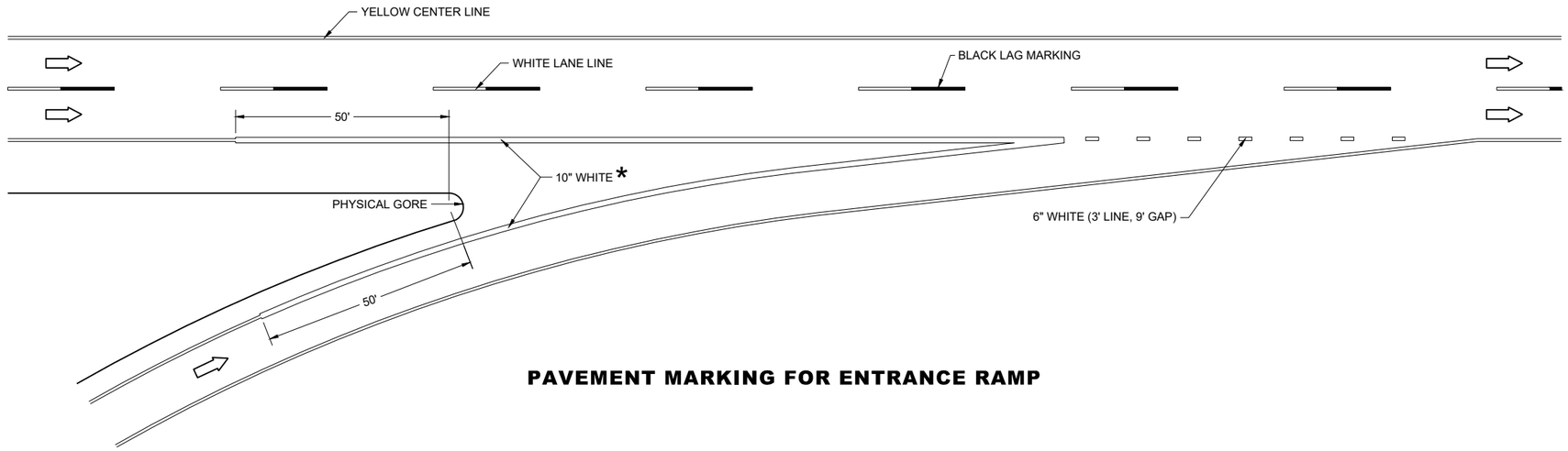
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C31-08a

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

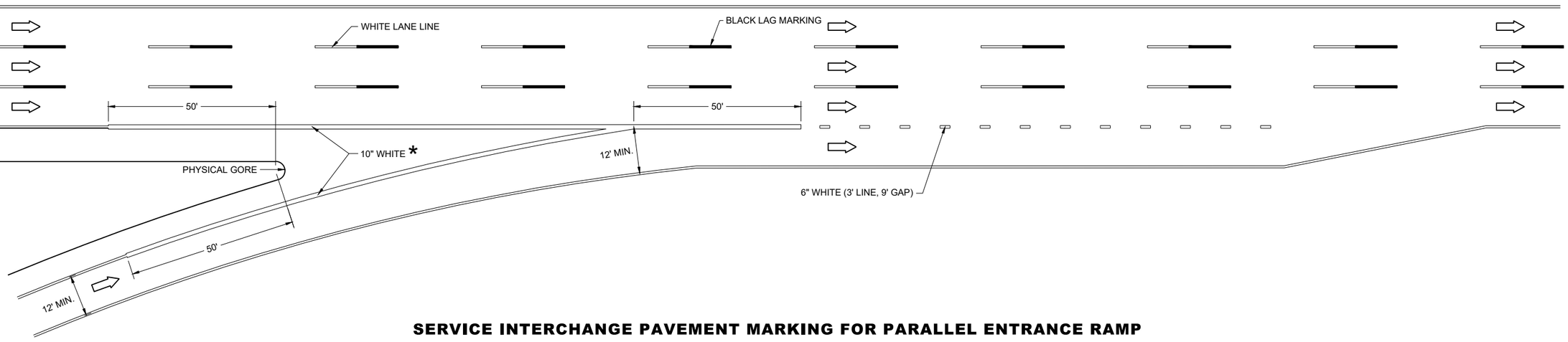


PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE RAMP

6

SDD 15C31-08c

PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

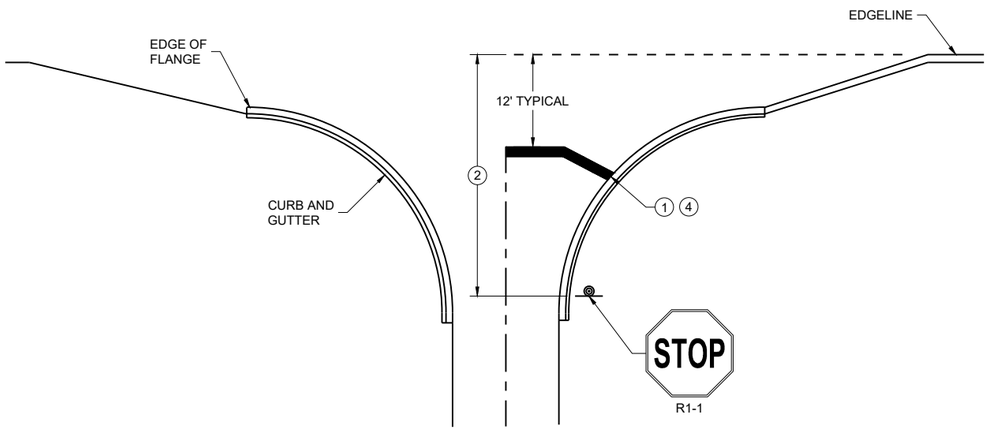
6

SDD 15C31-08c

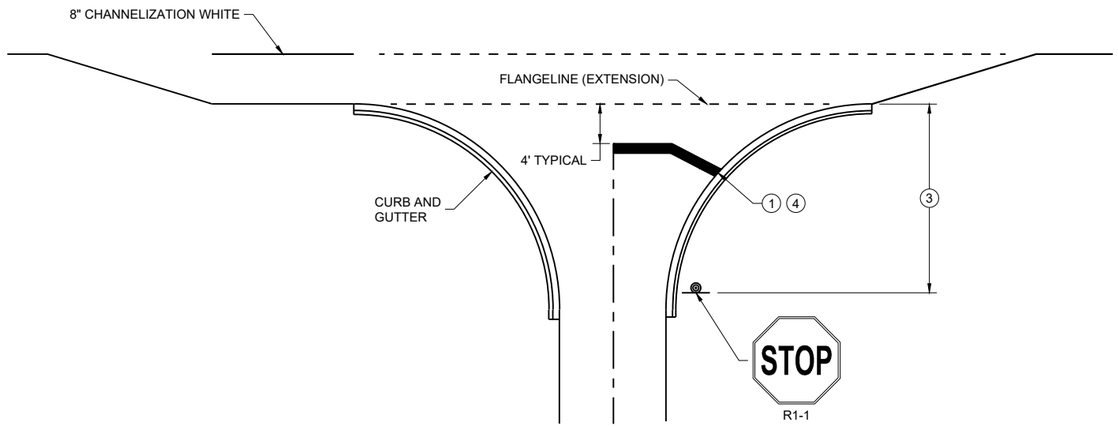
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

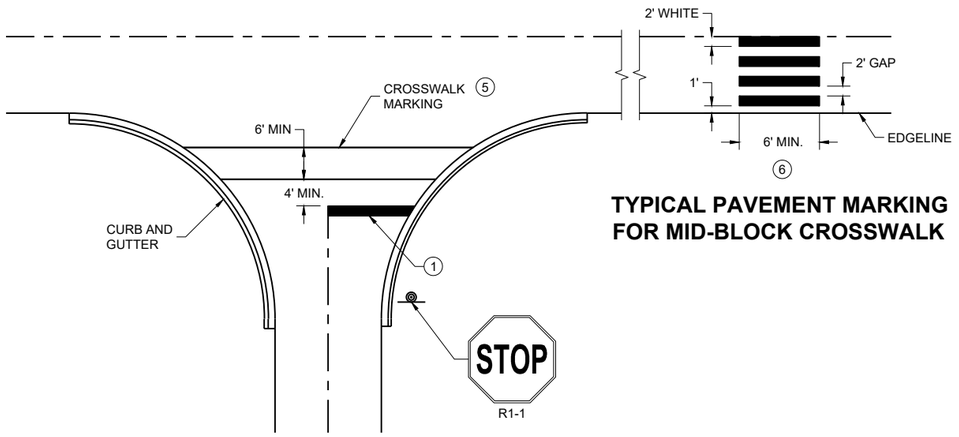
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

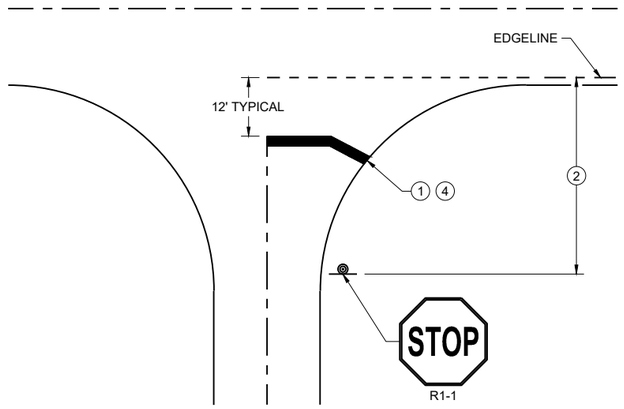


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C33-05

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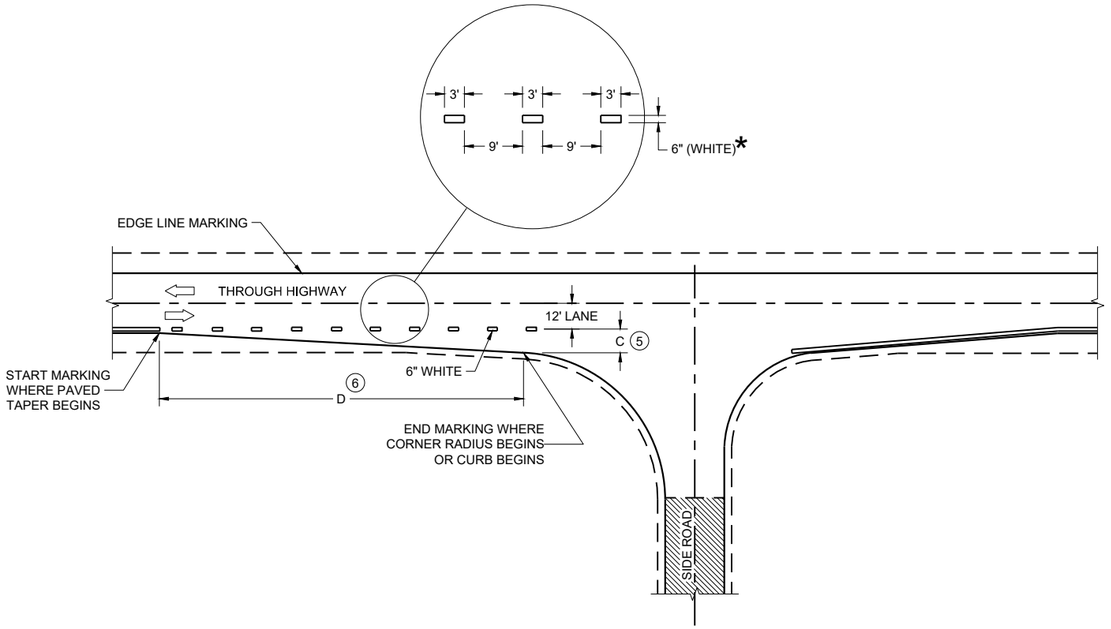
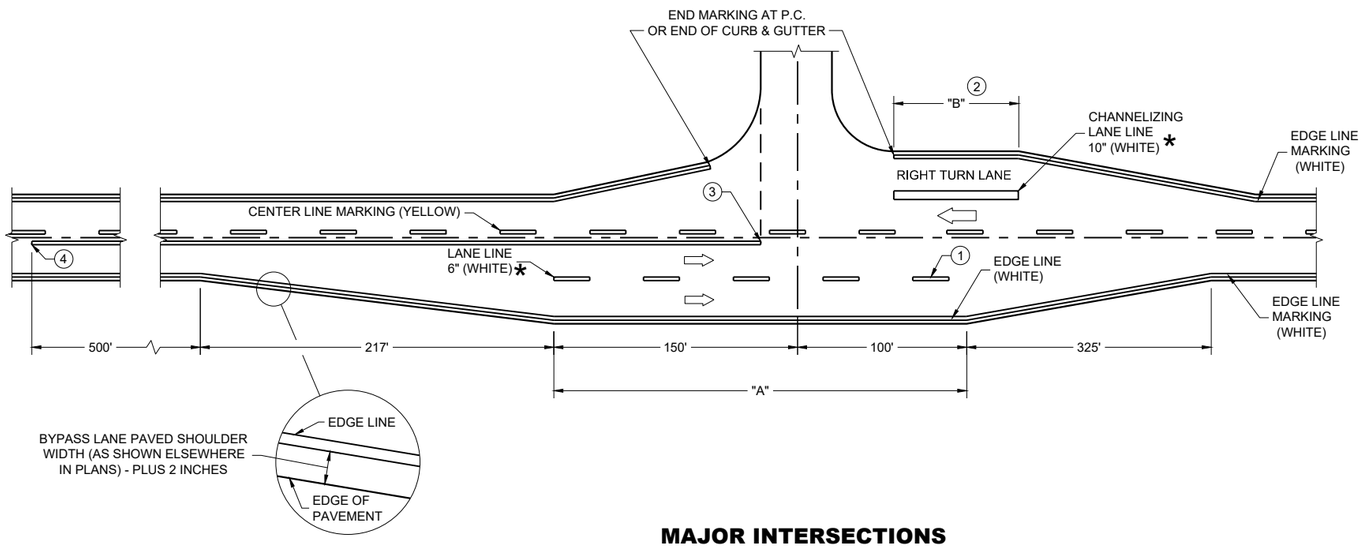
SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

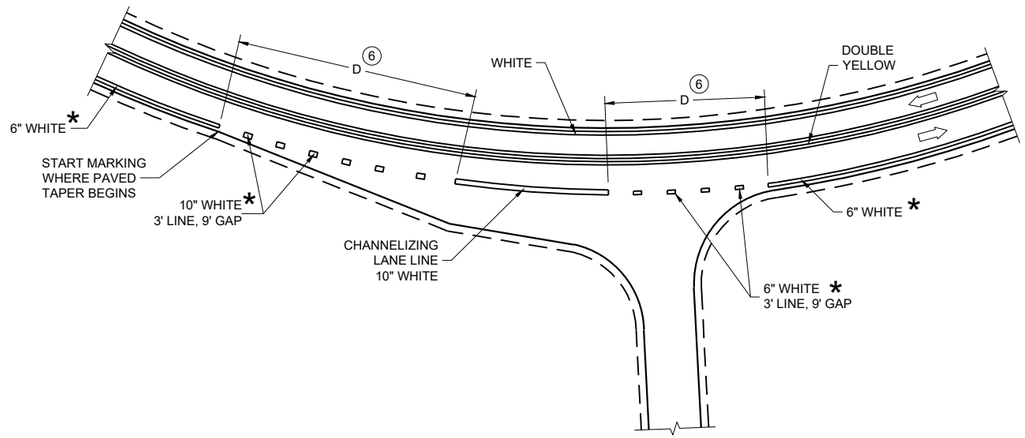
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

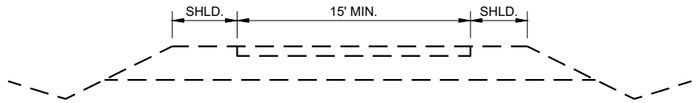
DIRECTION OF TRAVEL



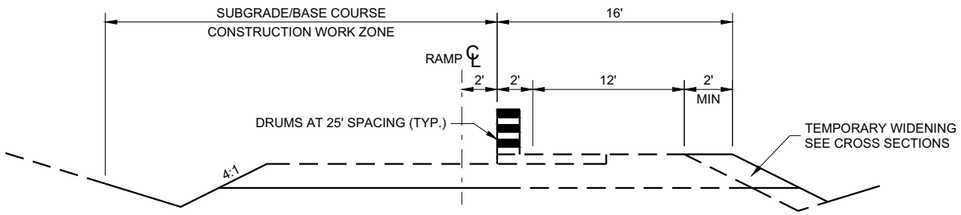
INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

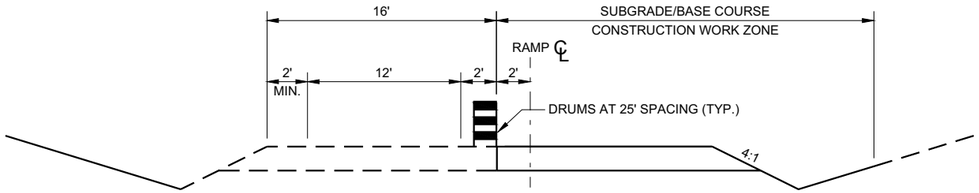
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



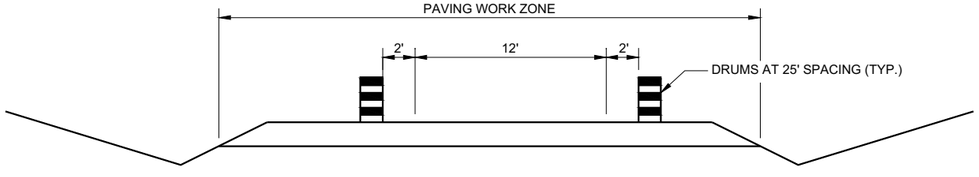
INITIAL RAMP - TYPICAL



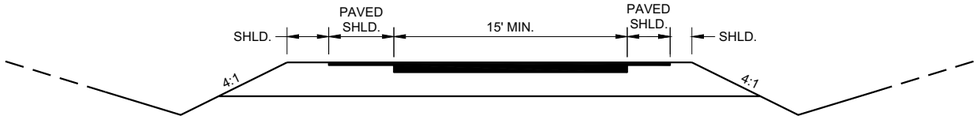
STAGE I - CONSTRUCTION TO SUBGRADE, LEFT



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.

TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 1994
DATE

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

FHWA

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SDD 15D04 - 01

LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR, FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC

GENERAL NOTES

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.

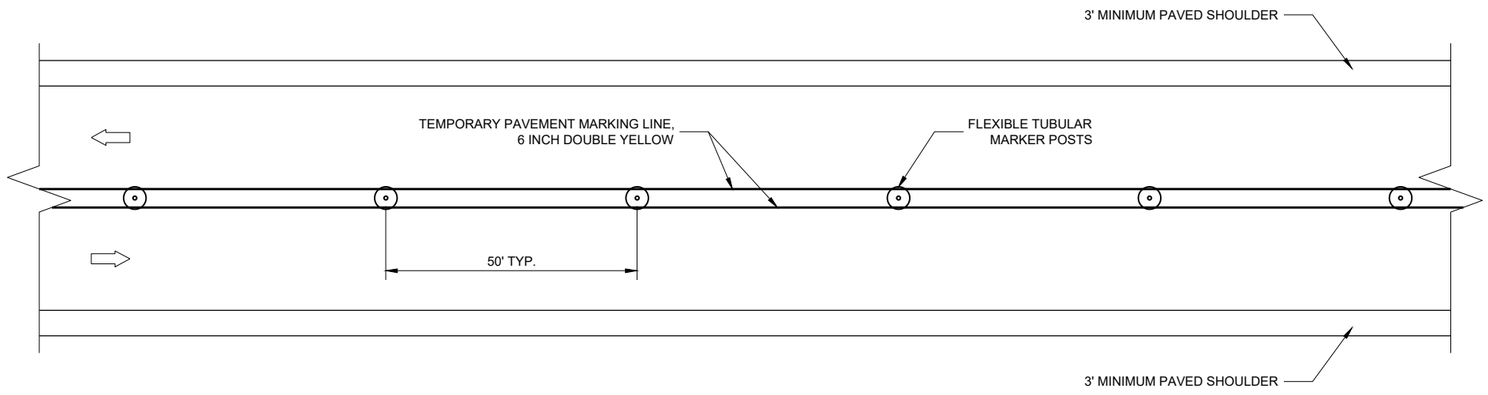
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC AT 50 FOOT SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING LINE, 6 INCH DOUBLE YELLOW.

1. THE WO6-3 AND WO57-51 SHALL BE LOCATED 200 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND / OR 500 FEET BEYOND ANY SIDE ROAD. THE R4-1 SHALL BE LOCATED 1000 FEET BEYOND THE WO6-3 AND THE WO57-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN THE SIGNS.

2. CONVENTIONAL: 24" X 30"
   FREEWAY AND EXPRESSWAY: 36" X 48"



TWO LANE, TWO WAY OPERATION

6

SDD 15D06-06

TRAFFIC CONTROL
TWO LANE TWO WAY OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

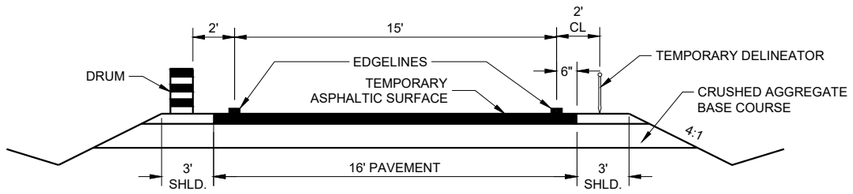
FHWA

6

SDD 15D06-06

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR - WHITE (STEEL POST WITH SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" X 16" MIN., ORANGE
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

** ADJUST RAMP SPEED AS NEEDED IN THE FIELD. DISTANCE TO SIGN LOCATION SHALL ALSO BE PLACED ACCORDING TO TABLE.

** TABLE FOR ADVANCE WARNING SIGN DISTANCE (FT)

POSTED SPEED LIMIT (MPH)	DESIRED EXIT RAMP SPEED (MPH)					
	10	20	30	40	50	60
45	350	300	250			
50	425	400	325	225		
55	500	475	400	300		
60	575	550	500	400	300	
65	650	625	575	500	375	100
70	650	625	575	500	375	375

GENERAL NOTES

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.

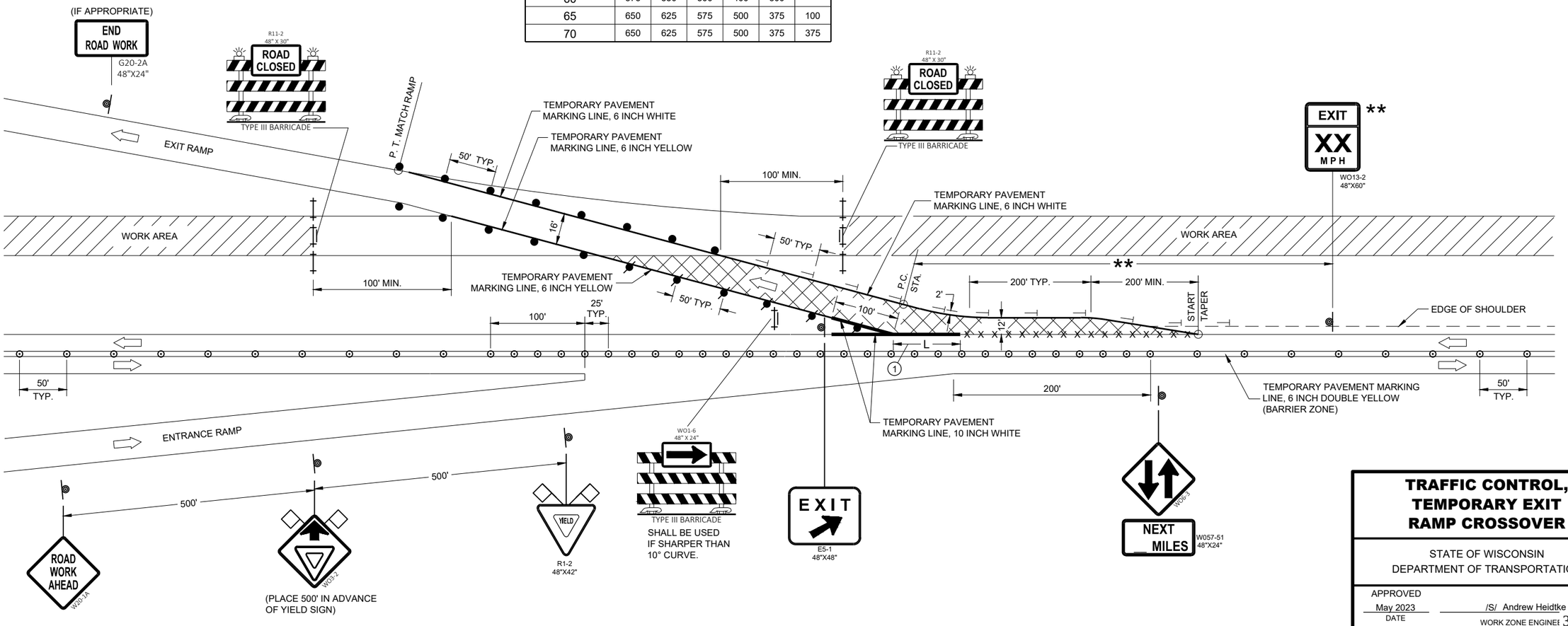
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10 FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

(1) LENGTH "L" SHALL BE REQUIRED WHEN TANGENT LENGTH OF EXIT RAMP PARALLEL TO MAINLINE EXCEEDS 300 FEET. LENGTH SHALL BE EQUAL TO THE EXIT RAMP TANGENT LENGTH MINUS 300 FEET OR AS APPROVED BY THE ENGINEER AND SHALL CHANGE TO ACCOMMODATE PAVING GAPS.



TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D07-06

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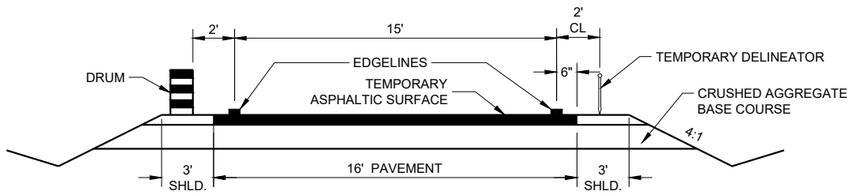
SDD 15D07-06

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR - WHITE (STEEL POST WITH SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" X 16" MIN., ORANGE
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

GENERAL NOTES

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.

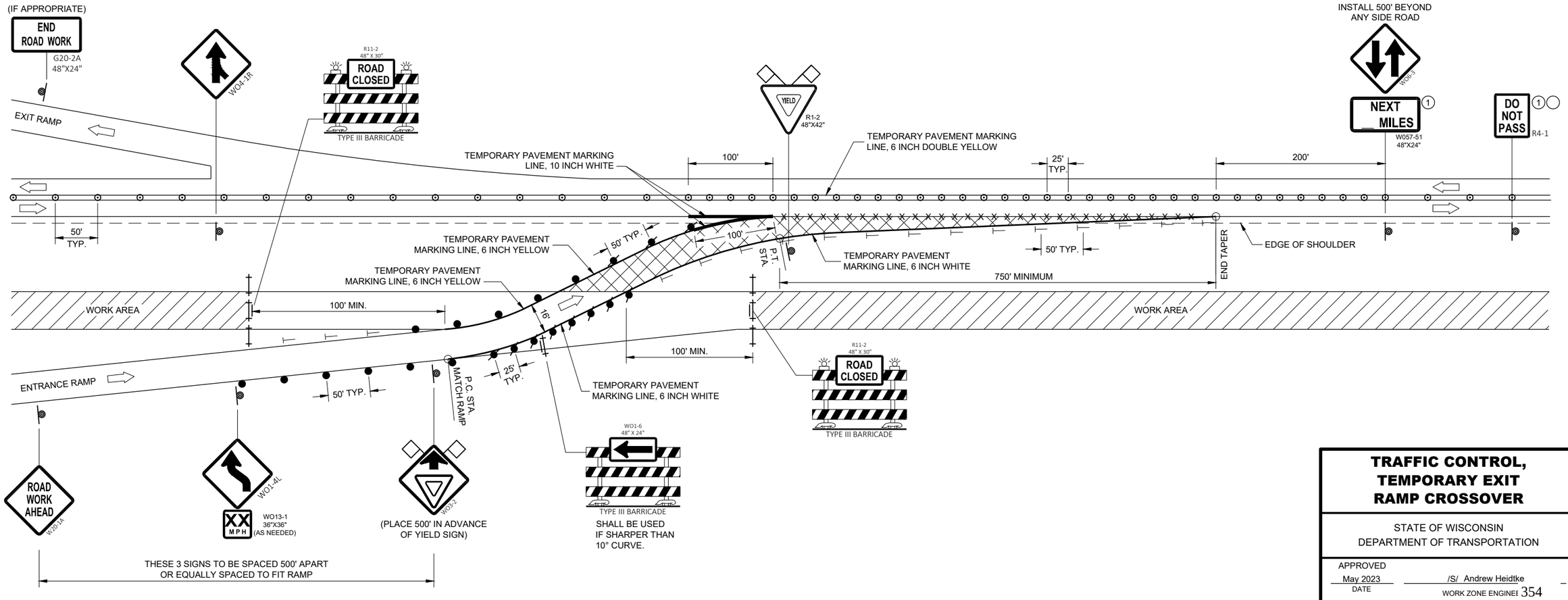
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10 FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

(1) INSTALL THE WO6-3 SIGN WITH THE R4-1 SIGN 1000 FEET BEYOND THE WO6-3 SIGN WITH THE WO57-51 AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

(2) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

6 SDD 15D08-09

6 SDD 15D08-09

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE RESPECTIVE EDGE LINE MARKING
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS

DO NOT PASS (1)
R4-1

INSTALL THE R4-1 SIGN 1000 FEET BEYOND THE WO6-3 SIGN WITH THE WO57-51 AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

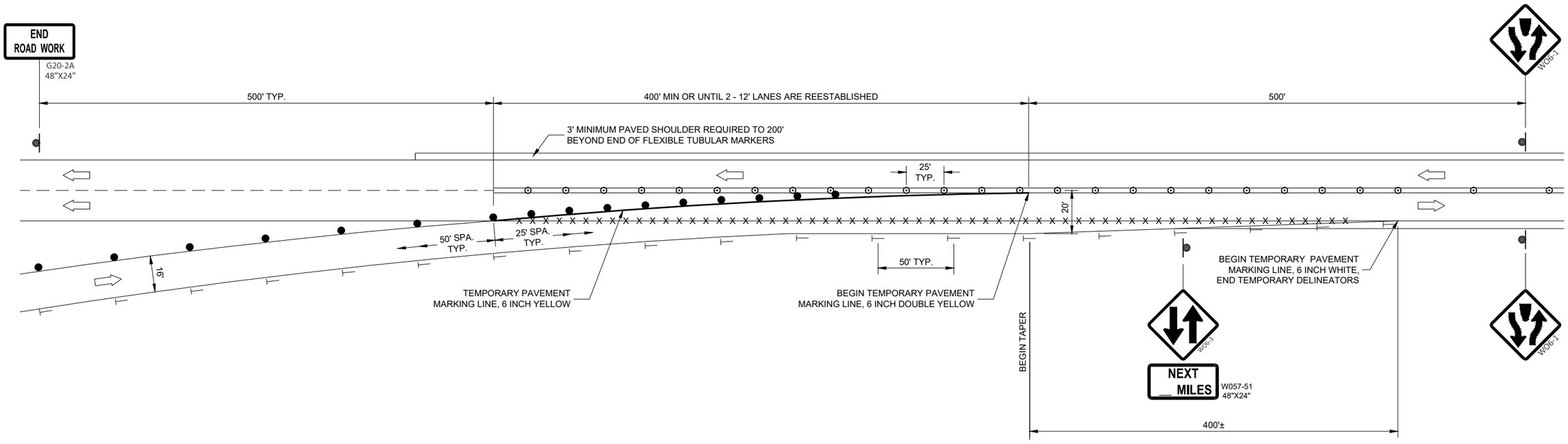
"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

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 SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

(1) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



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SDD 15D09-07

SDD 15D09-07

TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT

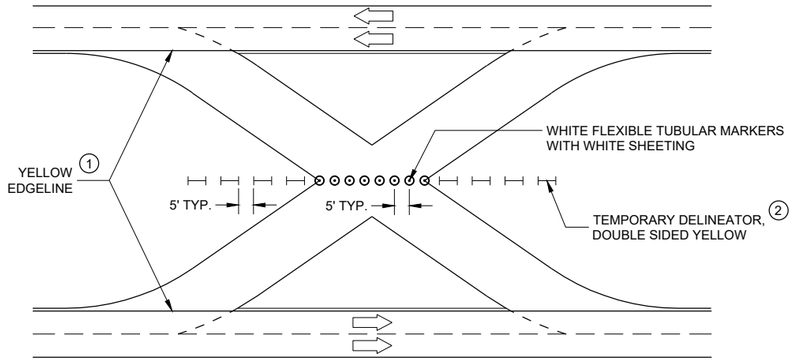
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA



TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE

GENERAL NOTES

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.

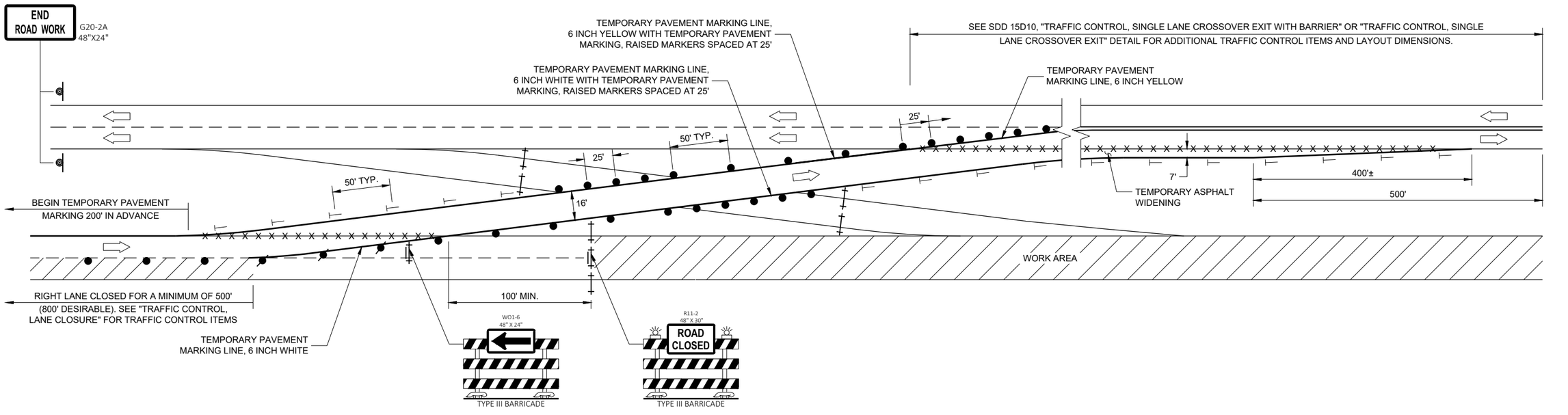
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

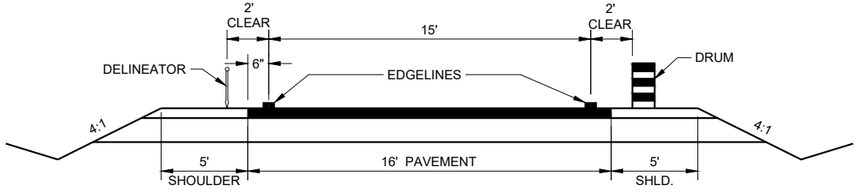
THE SPACING BETWEEN PROPOSED SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

REVERSE DEVICES WHEN OTHER LEG OF CROSSOVER IS IN USE.

(1) FOR PERMANENT CROSSOVER, PAVEMENT MARKING SHOULD CONFORM TO SECTION 646 OF THE STANDARD SPECIFICATIONS.

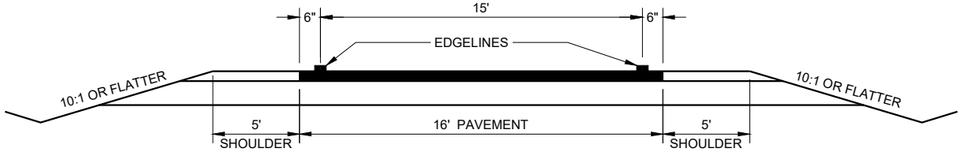
(2) FOR PERMANENT CROSSOVER, INSTALL PERMANENT DELINEATORS ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.





TYPICAL TEMPORARY CROSSOVER ROADWAY DIMENSIONS

(SEE PLAN FOR ROADWAY DESIGN ELEMENTS)



TYPICAL CROSSOVER TO REMAIN IN PLACE ROADWAY DIMENSIONS

(SEE PLAN FOR ROADWAY DESIGN ELEMENTS)

TRAFFIC CONTROL, SINGLE LANE CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D11-09

SDD 15D11-09

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" IS THE SAME AS "W" 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.

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.

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

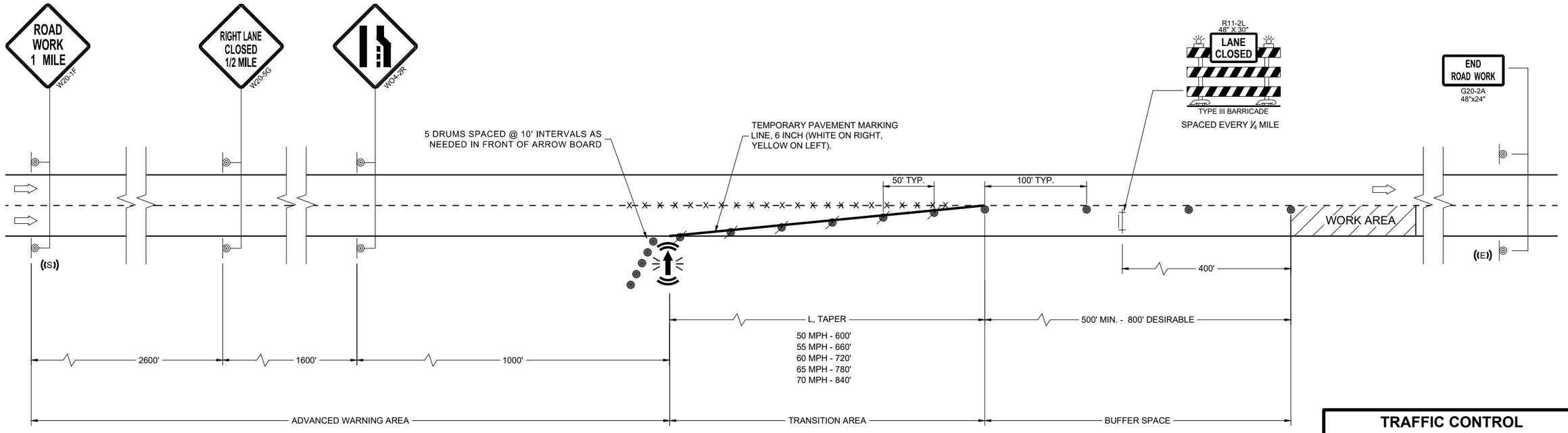
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

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.

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

6

SDD 15D12-14a

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SDD 15D12-14a

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.

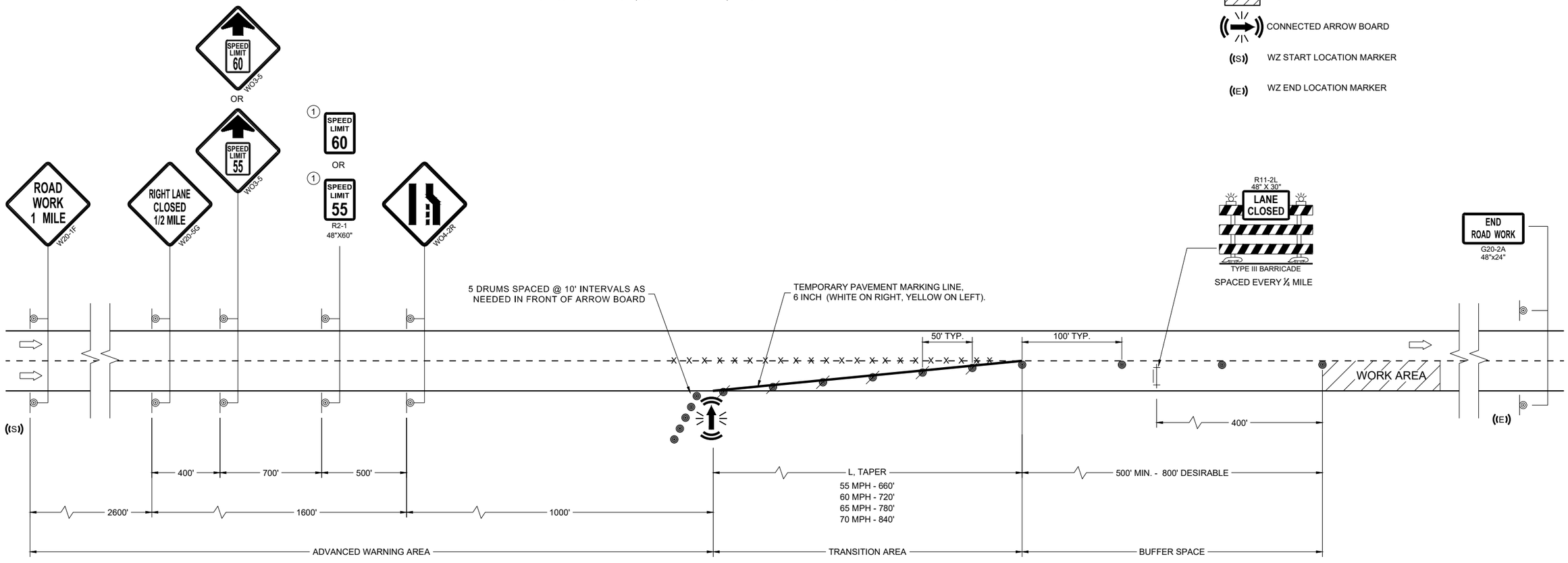
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

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

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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.

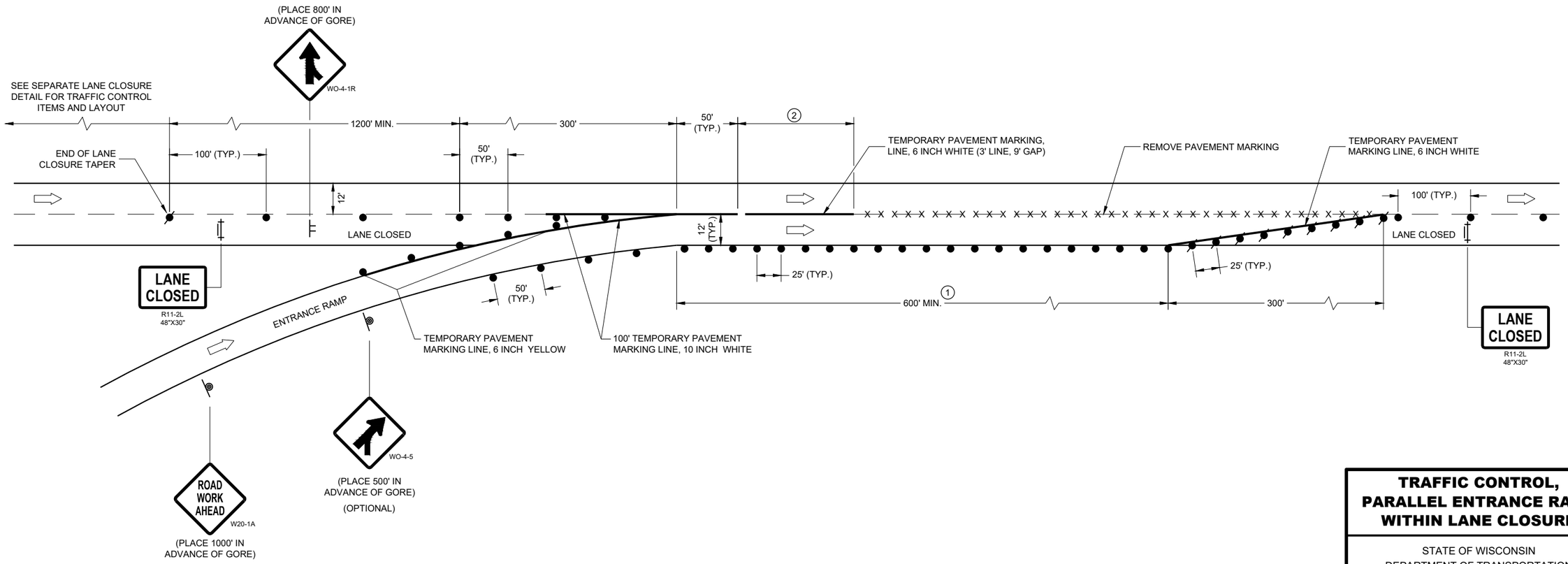
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

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.

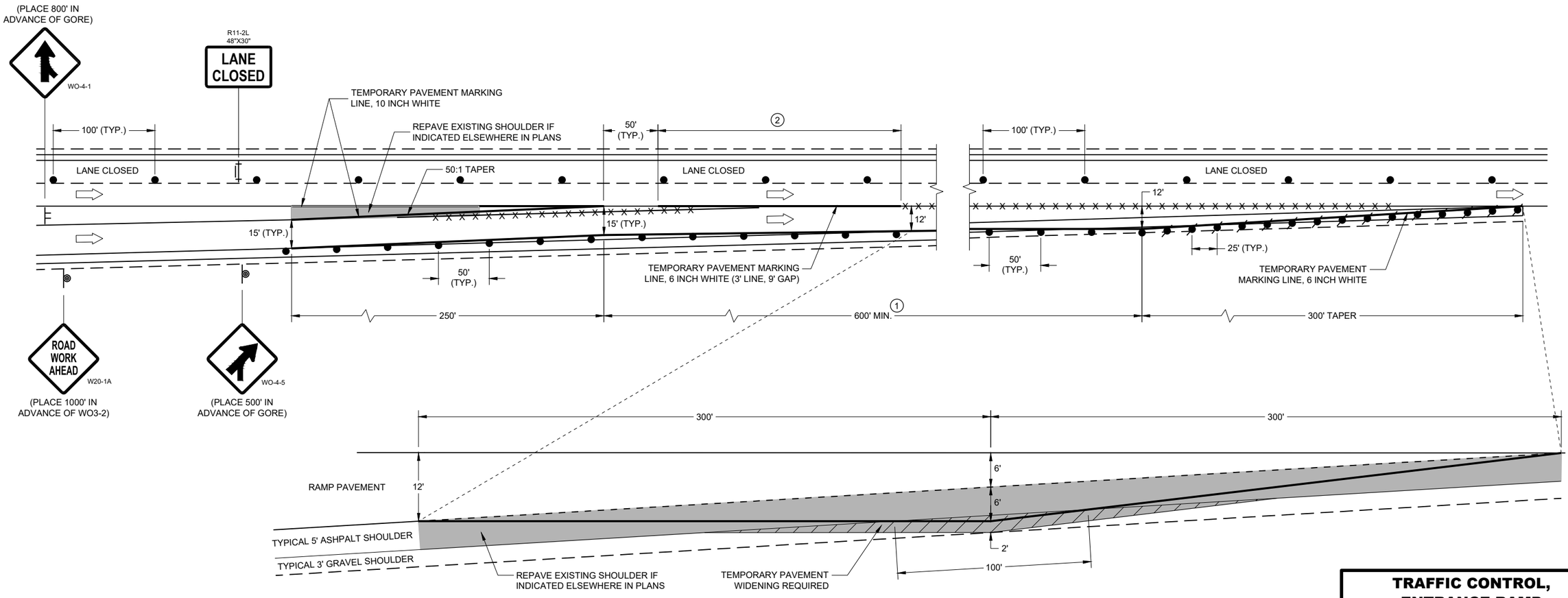
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

360

6

SDD 15D15-07b

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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

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.

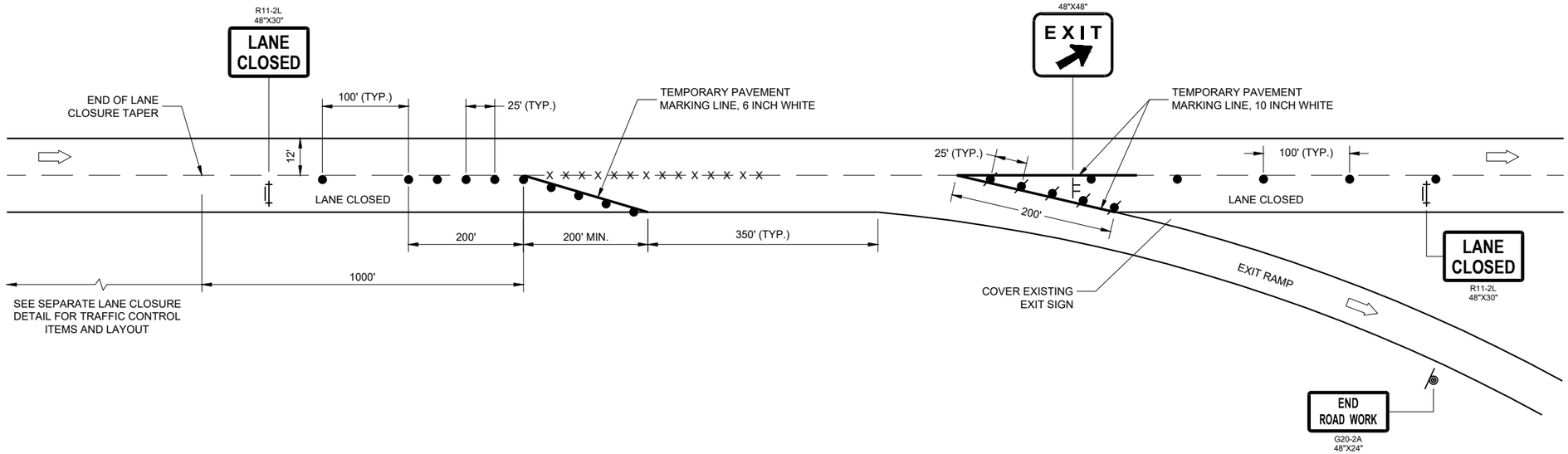
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

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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.

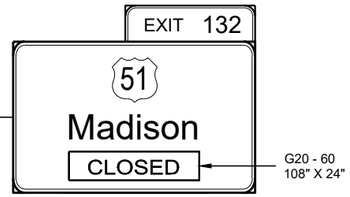
WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

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



PLACE SIGN G20 - 60 OVER MILEAGE ON EXISTING E1 - 1A SIGN

COVER ARROW ON EXISTING E4 - 1 SIGN (COVERING SIGNS TYPE I)

G20 - 61
120 ' X 30"

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

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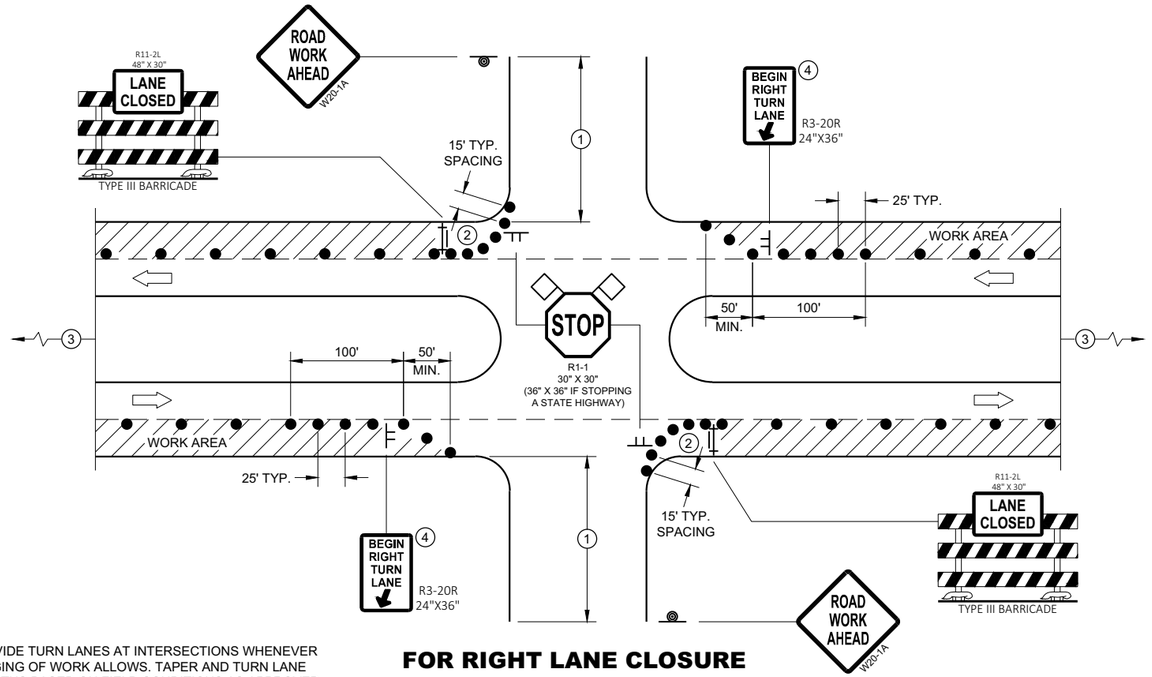
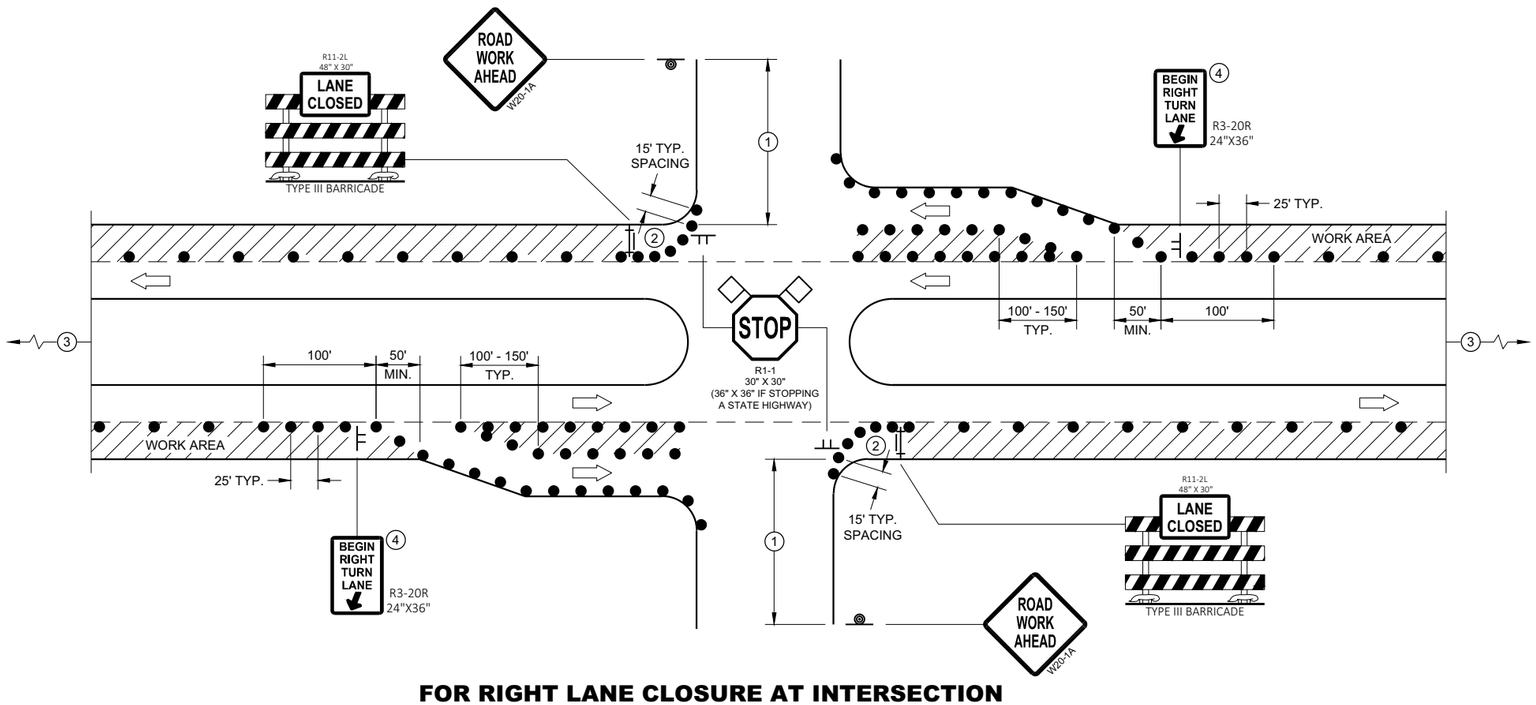
SDD 15D16-06



FOR RIGHT LANE CLOSURE AT INTERSECTION

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

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

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.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

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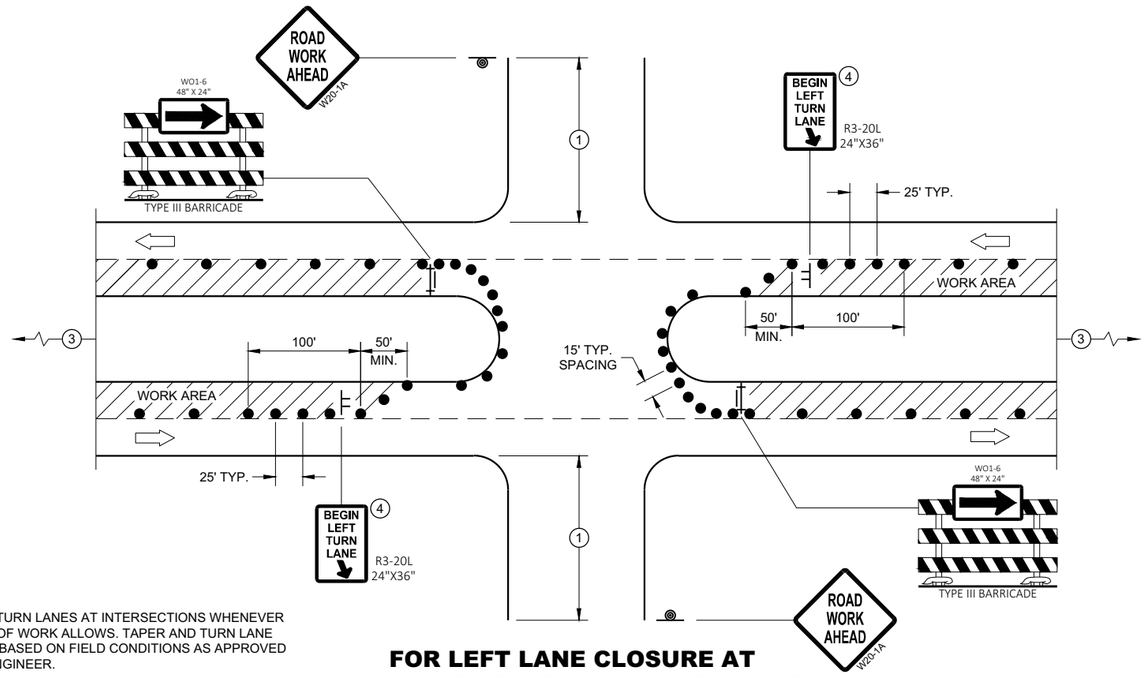
SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

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

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.

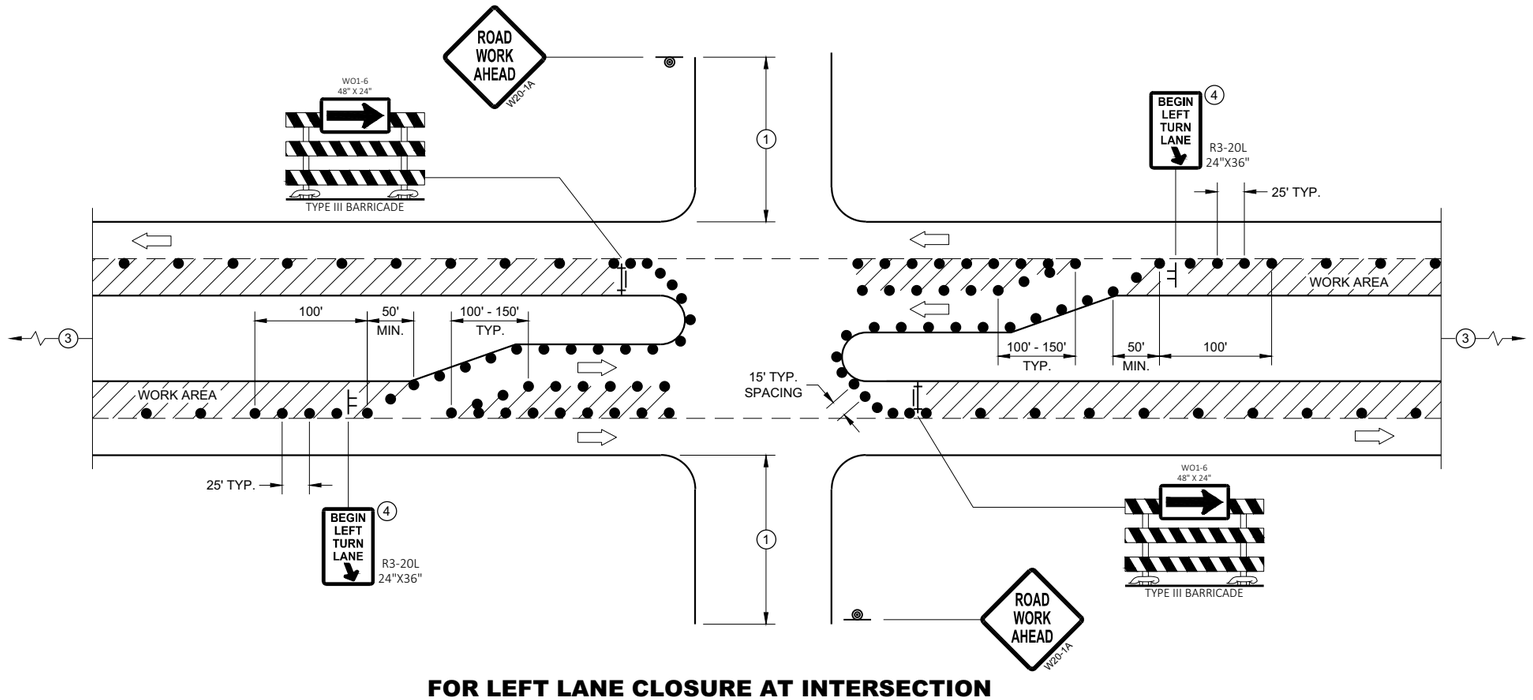
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

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.

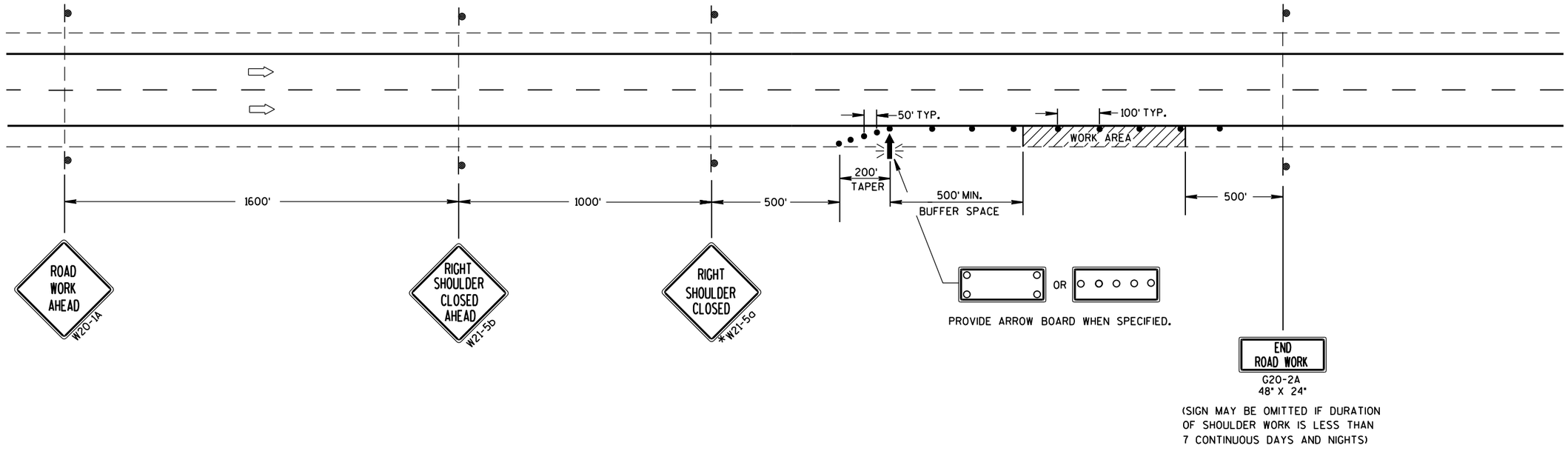
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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] TIC SAFETY ENGI[illegible]

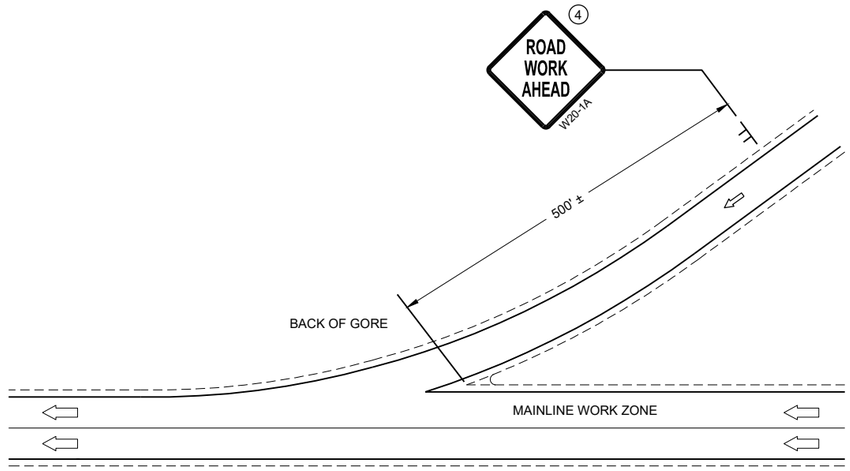
FHWA

6

S.D.D. 15 D 27-3

LEGEND

- V1 SHADOW VEHICLE 1
- V2 SHADOW VEHICLE 2
- V3 ADVANCE WARNING TRUCK
- ● TRAFFIC CONTROL DRUM
- TRUCK MOUNTED ATTENUATOR (TMA)
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW PANEL (MERGE)
- FLASHING ARROW PANEL (CAUTION)
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA



GENERAL NOTES

SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.

MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

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

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

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

WHEN WORK ACTIVITY BLOCKS THE RIGHT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

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

(2) DRUMS ARE TO BE USED FOR BRIDGE DECK SEALING AND OTHER PROJECTS THAT REQUIRE DELINEATION.

(3) WITHIN 5 MILES, RELOCATE SIGNS AS WORK PROGRESSES AND NECESSARY OR AS DIRECTED BY THE ENGINEER.

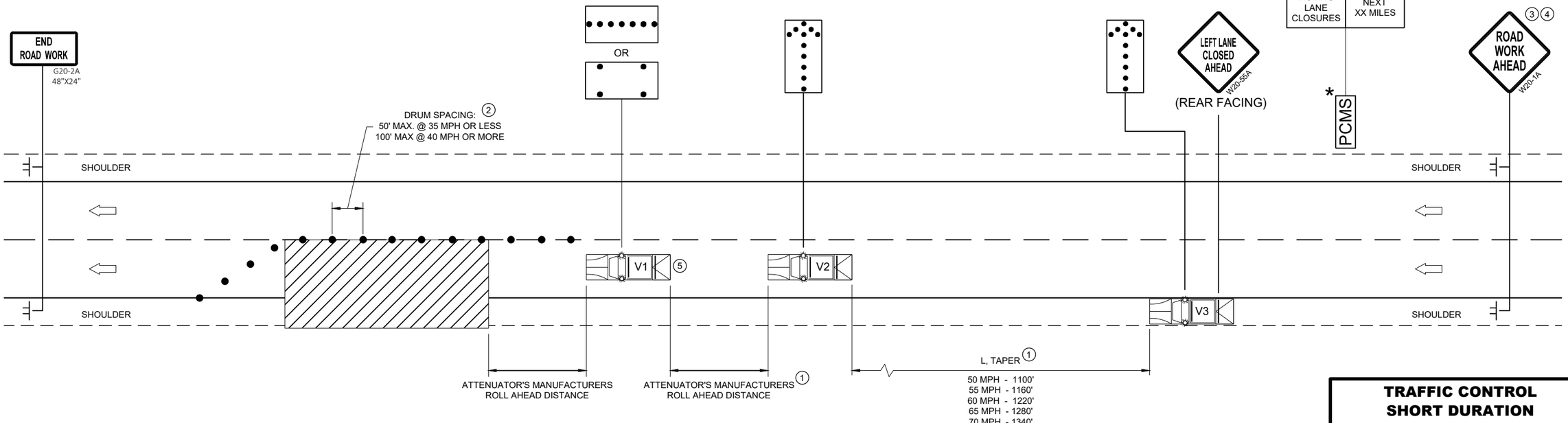
(4) SIGN NOT REQUIRED IF MOVING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(5) SHADOW VEHICLE 1 (V1) IS OPTIONAL

* PCMS OPTIONAL

PCMS MESSAGING

FRAME 1	FRAME 2
MOVING LANE CLOSURES	NEXT XX MILES



TRAFFIC CONTROL SHORT DURATION MOBILE OPERATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D43 - 02

6

SDD 15D43 - 02

LEGEND

V1 WORK VEHICLE

V2 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

FLASHING ARROW PANEL (CAUTION)

WORK AREA

DIRECTION OF TRAFFIC

POSTED SPEED PRIOR TO WORK STARTING (MPH)	DECISION SIGHT DISTANCE (D)
0 - 25	550'
30	550'
35	700'
40	700'
45	900'
50	900'
55	1200'

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION SIGHT DISTANCE EVERY 15 MINUTES.

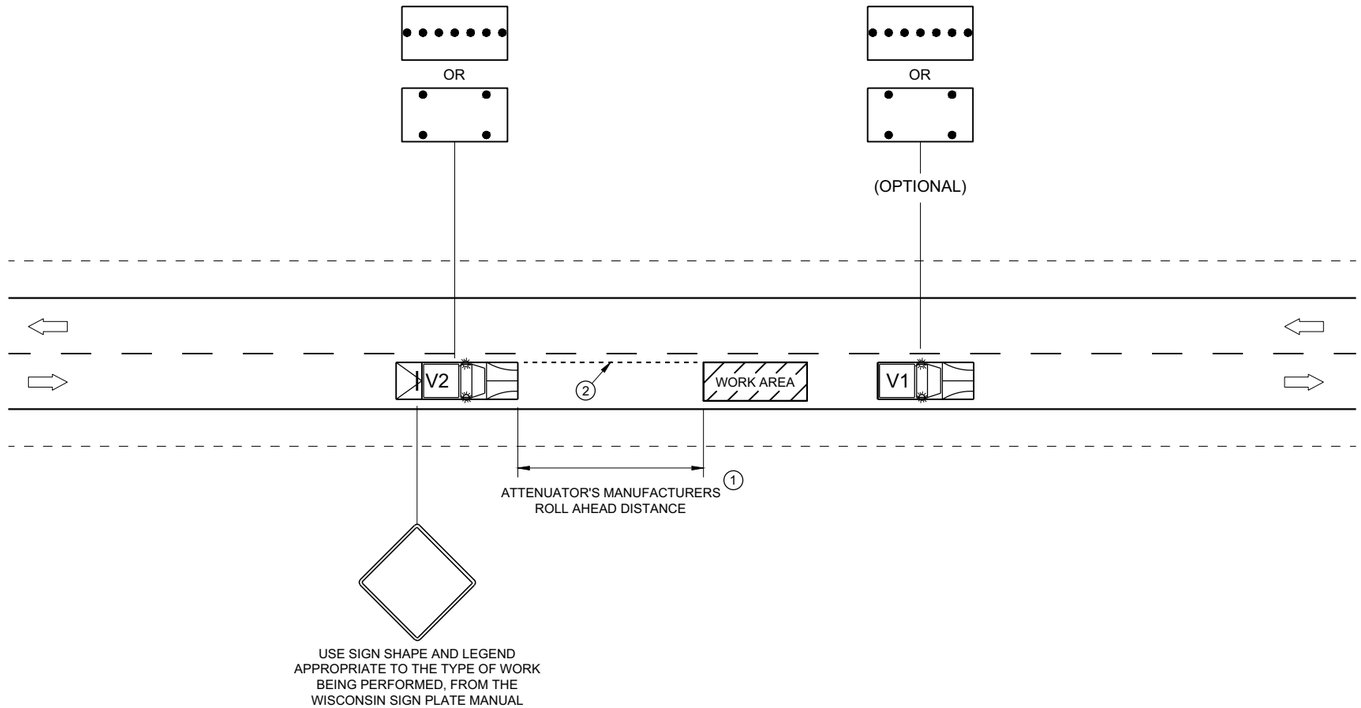
ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL ARROW PANELS SHALL BE REAR FACING, TYPE "B" OR "C", AND DISPLAYING THE FLASHING CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

(1) DISTANCE BETWEEN VEHICLES MAY INCREASE FROM THE ATTENUATOR'S ROLL AHEAD BASED ON TERRAIN, SIGHT DISTANCE, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

(2) ALIGN LEFT SIDE OF SHADOW VEHICLE WITH EDGE OF WORK AREA.



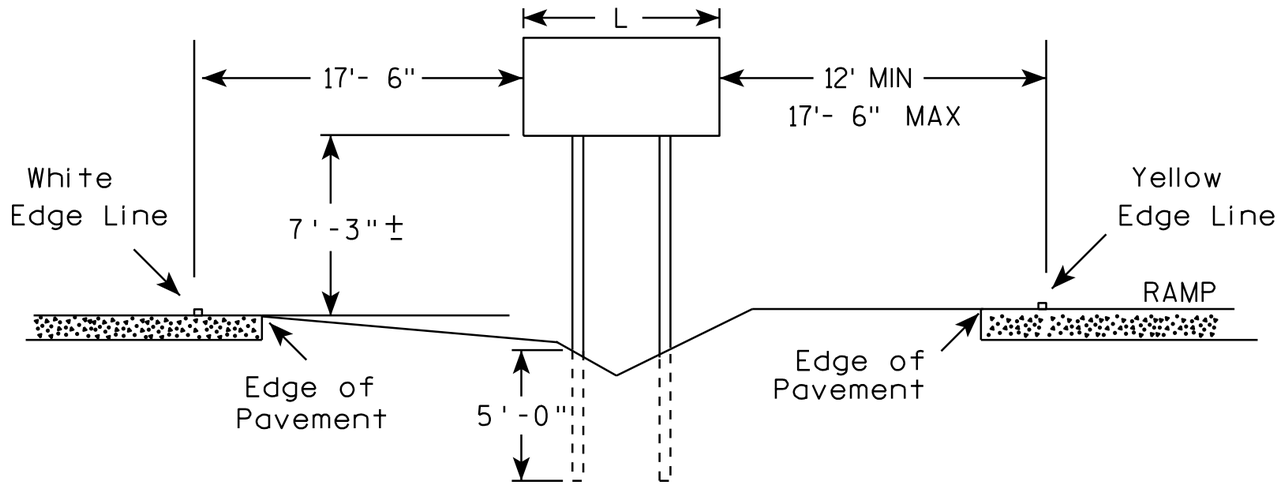
TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

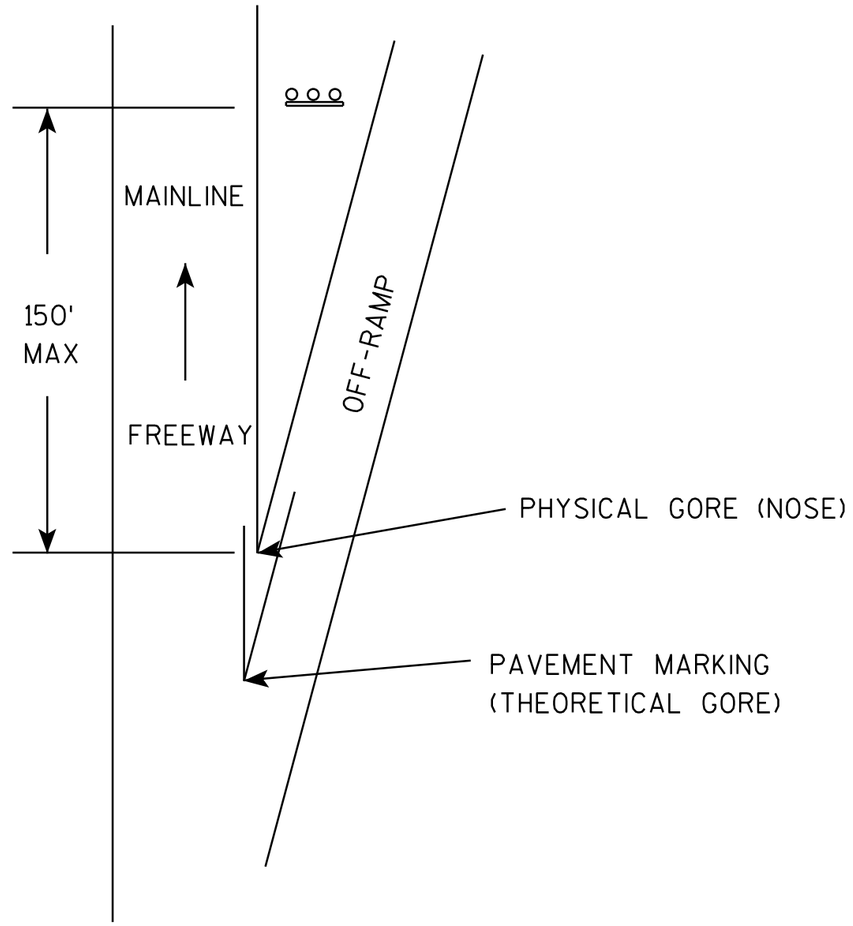
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Andrew Heidtke — STATEWIDE WORK ZONE T SAFETY ENGINEER
FHWA

6

SDD 15D51 - 01





GENERAL NOTES

1. The 150 foot distance from the physical gore (where pavement ends) will normally provide the offsets as shown.
2. If roadway geometrics permit, the sign may be closer than the 150 foot distance as long as the offsets are maintained.
3. At no time shall the location be greater than 150 feet. If the normal offsets cannot be maintained, they can be reduced to 6 feet from the edge of the paved shoulder (both freeway and ramp).
4. The offset from edge of sign to the yellow edge line on the ramp is shown as a minimum of 12 feet and a maximum of 17 feet, 6 inches. Preference is adhering to the maximum rather than the minimum dimension.
5. When L is equal to or exceeds 10 feet, use 3 posts as per A4-4.
6. The (∓) tolerance for the mounting height is 3 inches.

7

7

TYPICAL INSTALLATION
OF TYPE II SIGNS ON
WOOD POSTS IN GORE

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

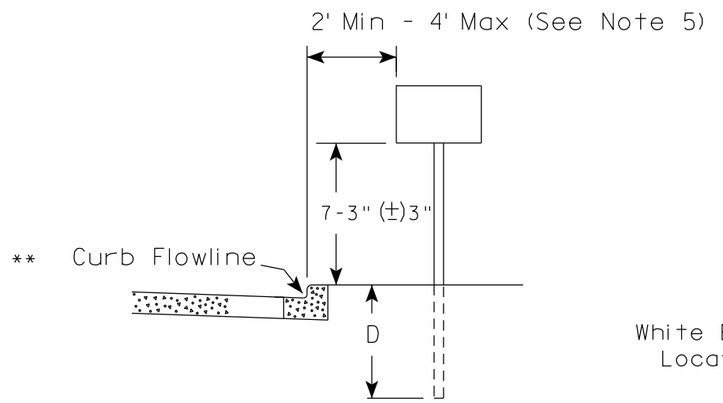
DATE 2/06/14 PLATE A4-2.3

PROJECT NO: | SHEET NO: E

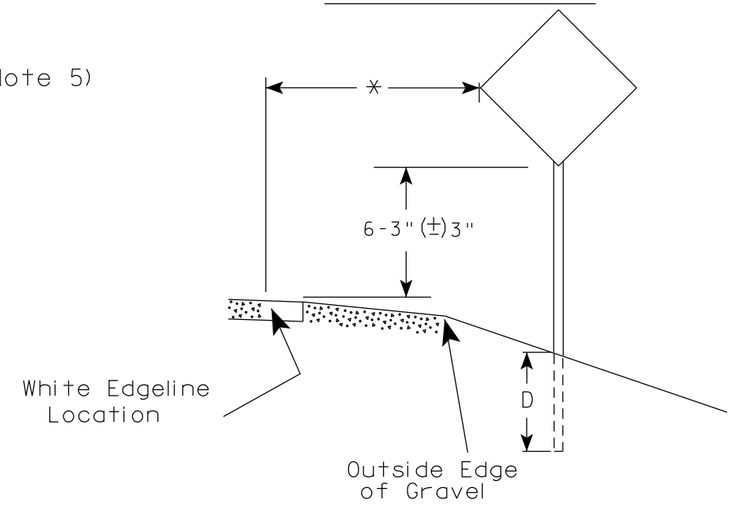
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A42.DGN PLOT DATE : 06-FEB-2014 12:36 PLOT BY : mscsja

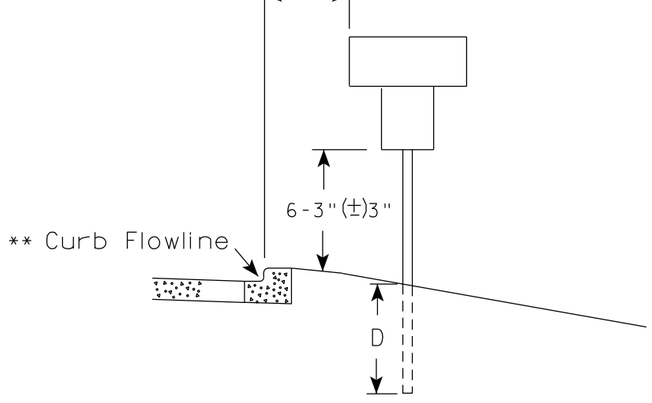
WISDOT/CADDS SHEET 42

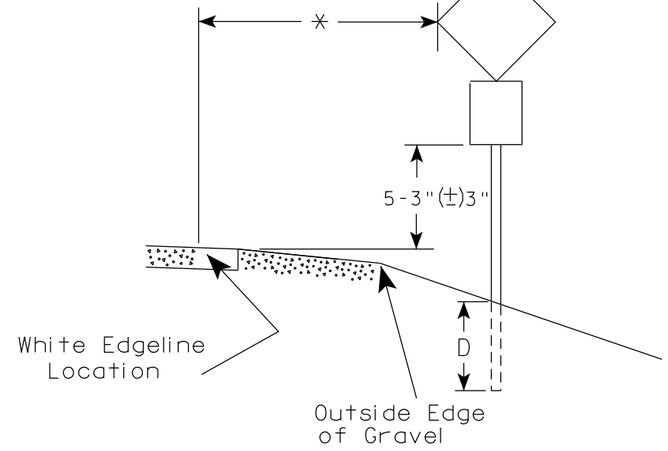
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

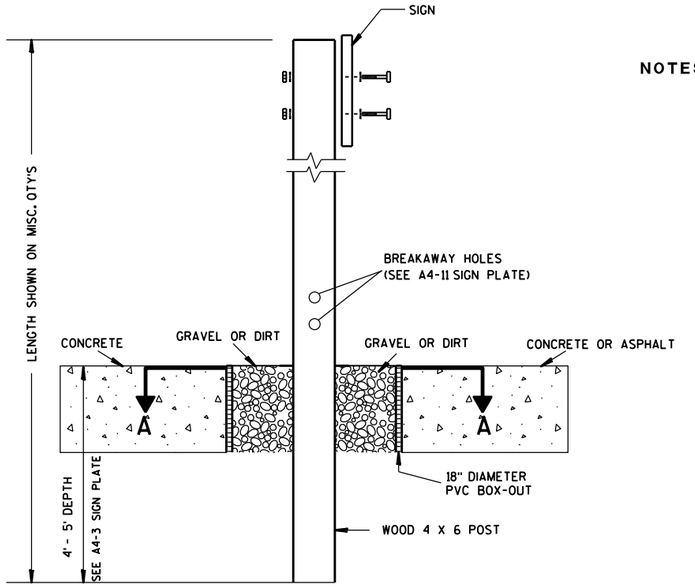
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

7

7

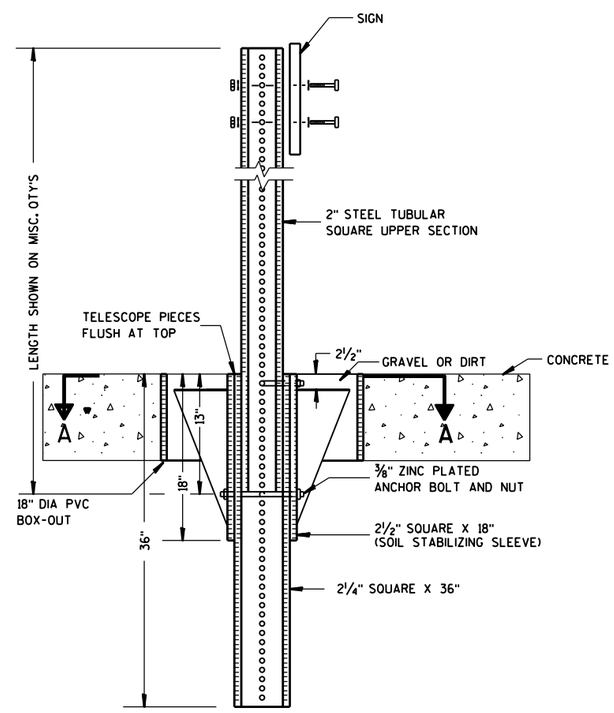
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 369	E



ELEVATION VIEW

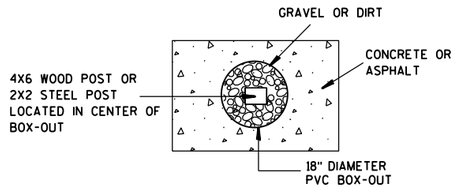
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

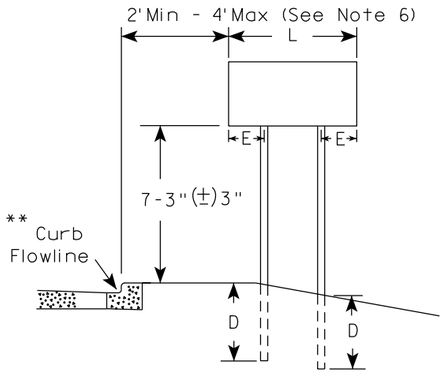
APPROVED Matthew R Rauch
for State Traffic Engineer

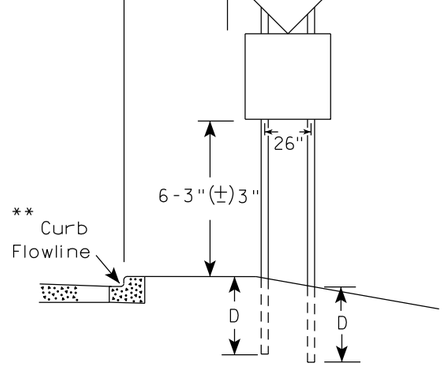
DATE 1/27/14 PLATE NO. A4-3B.1

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

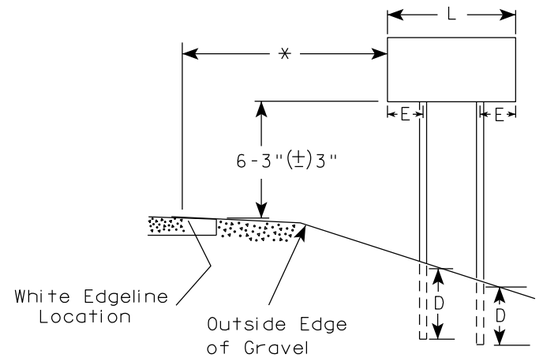
URBAN AREA

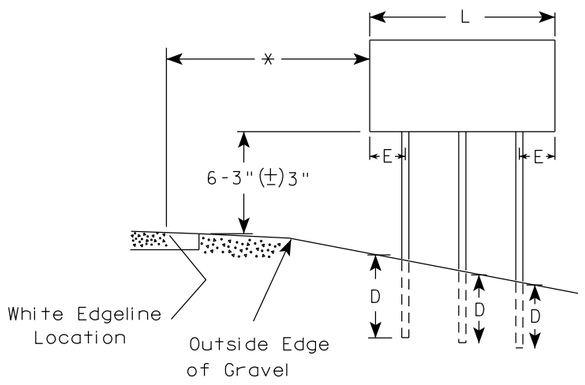


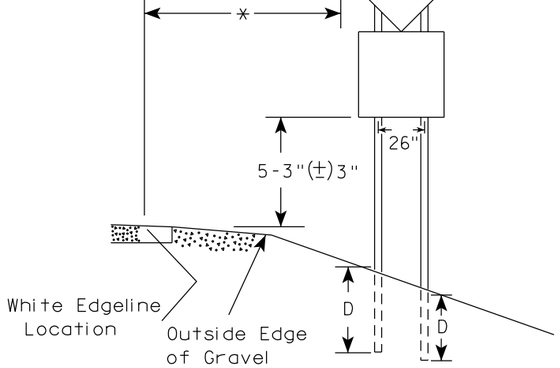


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

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"

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.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

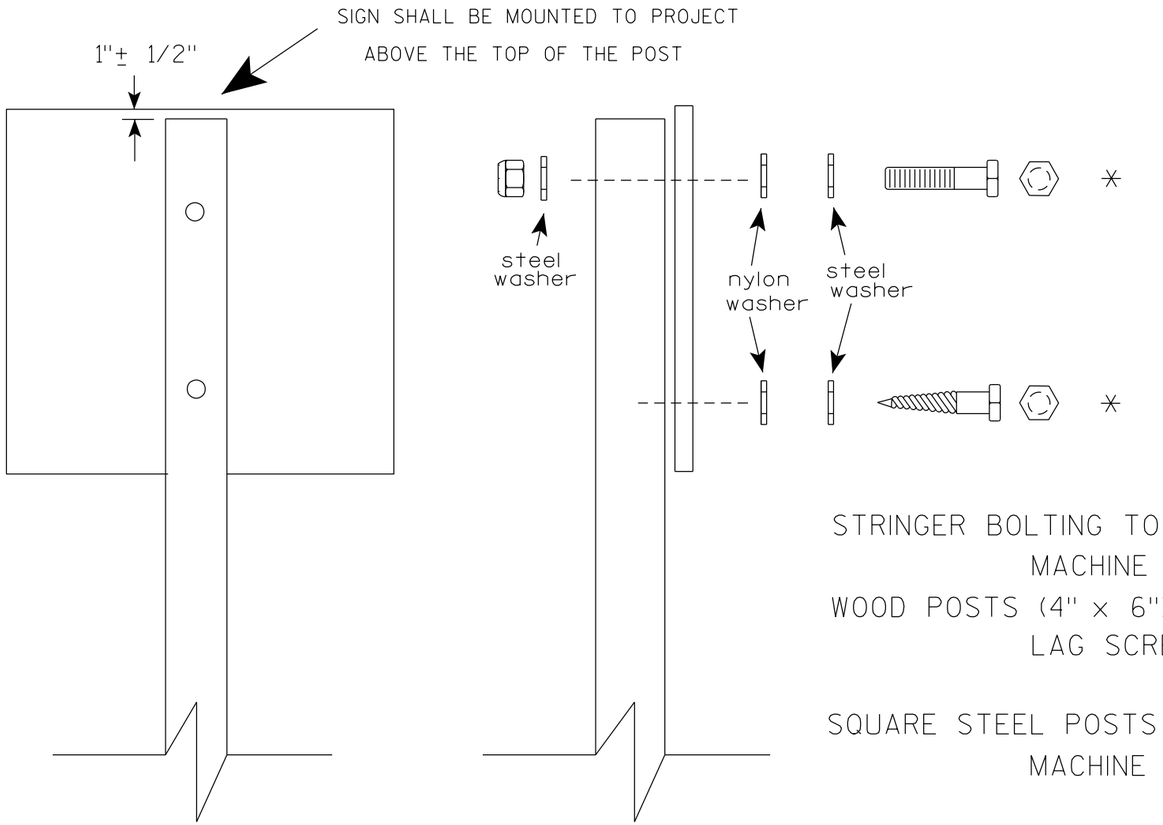
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 371	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

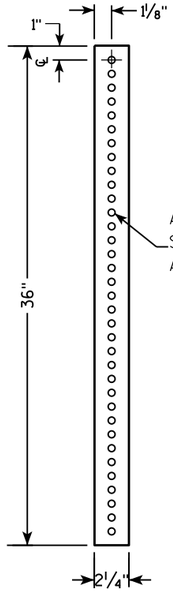
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

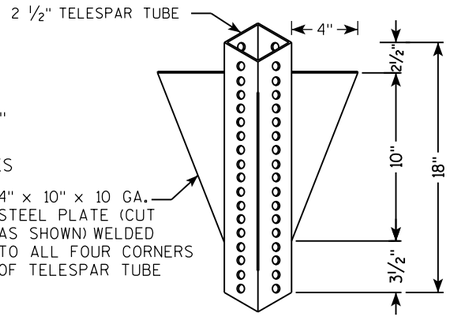
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

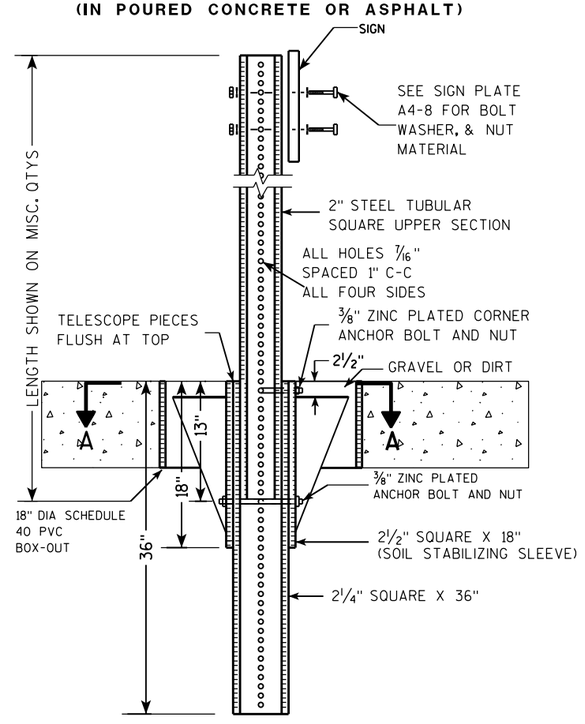
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



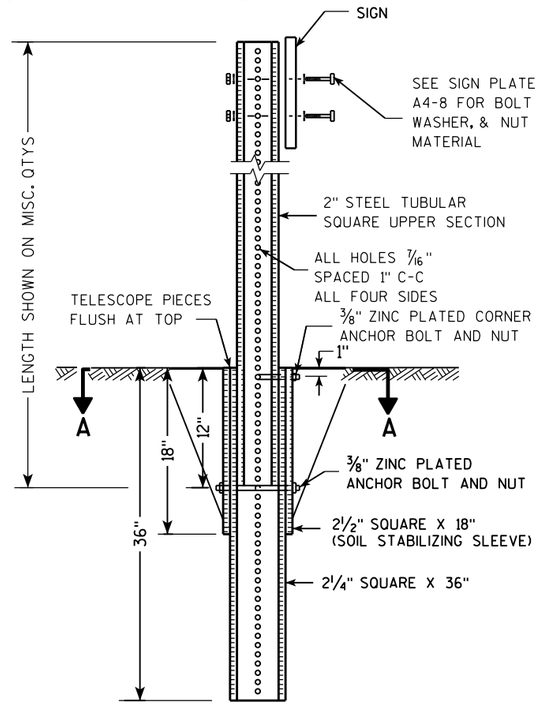
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

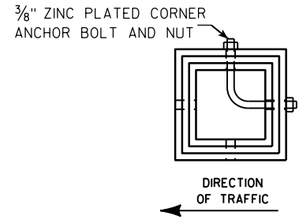


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

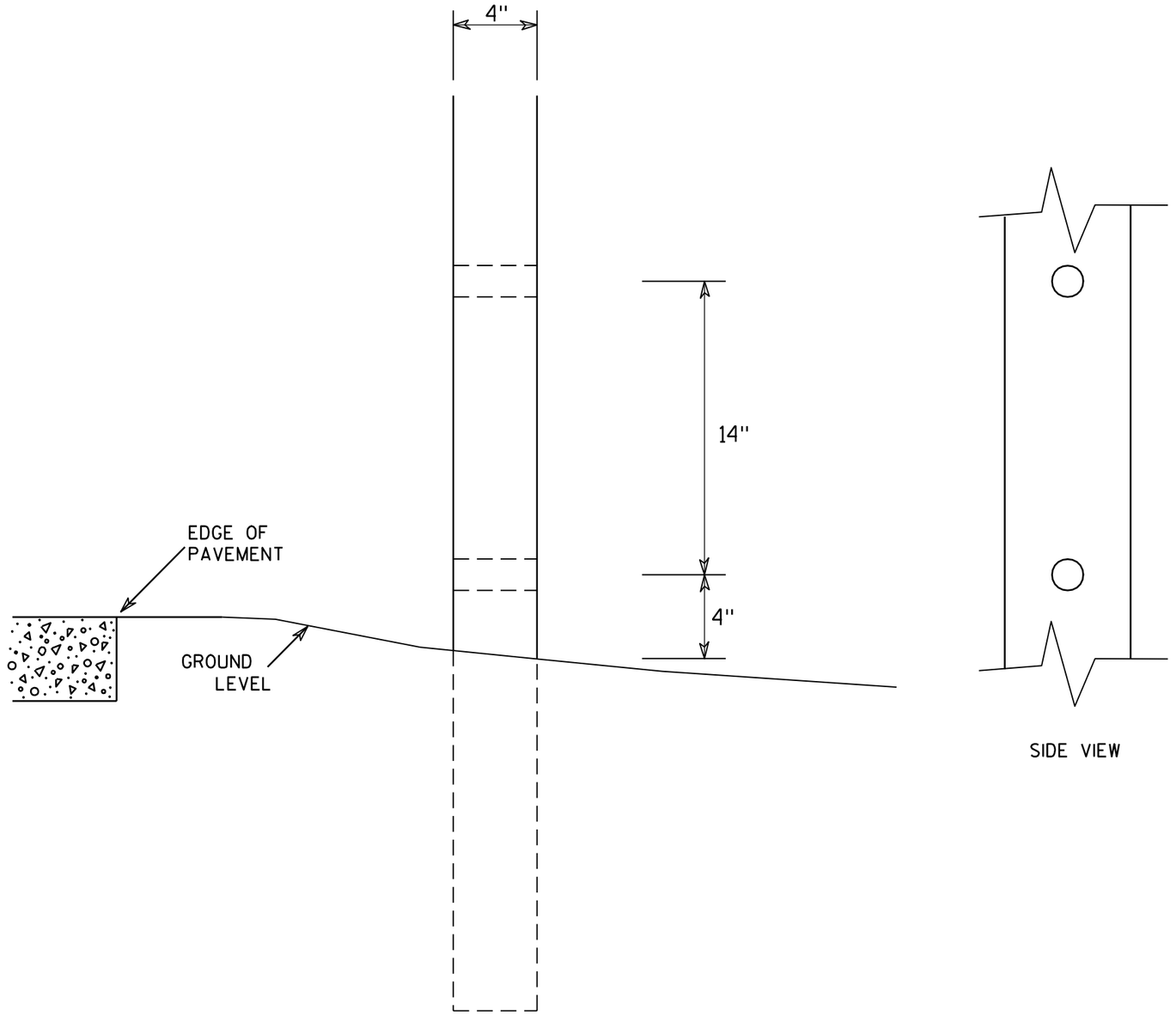
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 373 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.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

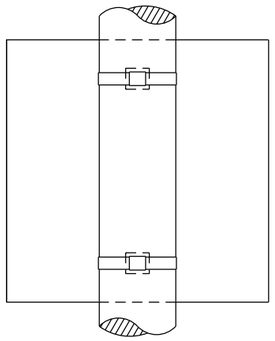
APPROVED Chester J Spang for State Traffic Engineer

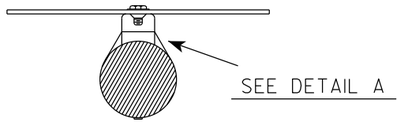
DATE 3/27/97 PLATE NO. A4-11.2

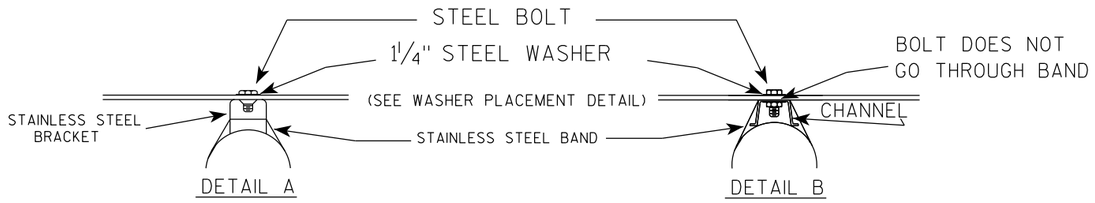
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 374	E

BANDING

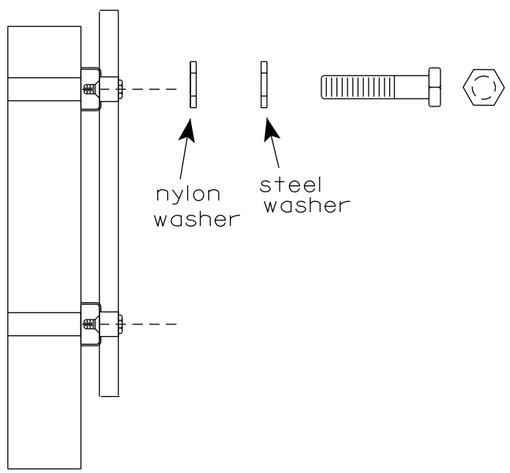
SINGLE SIGN







WASHER PLACEMENT

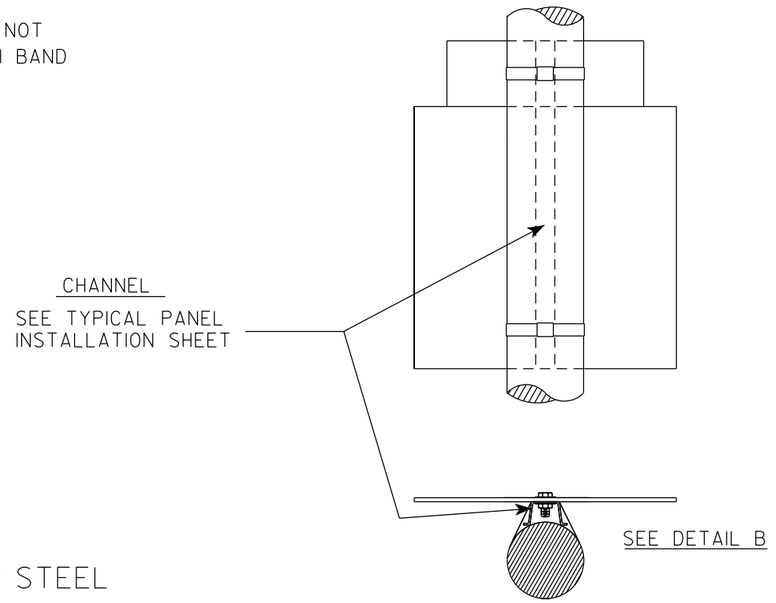


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

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

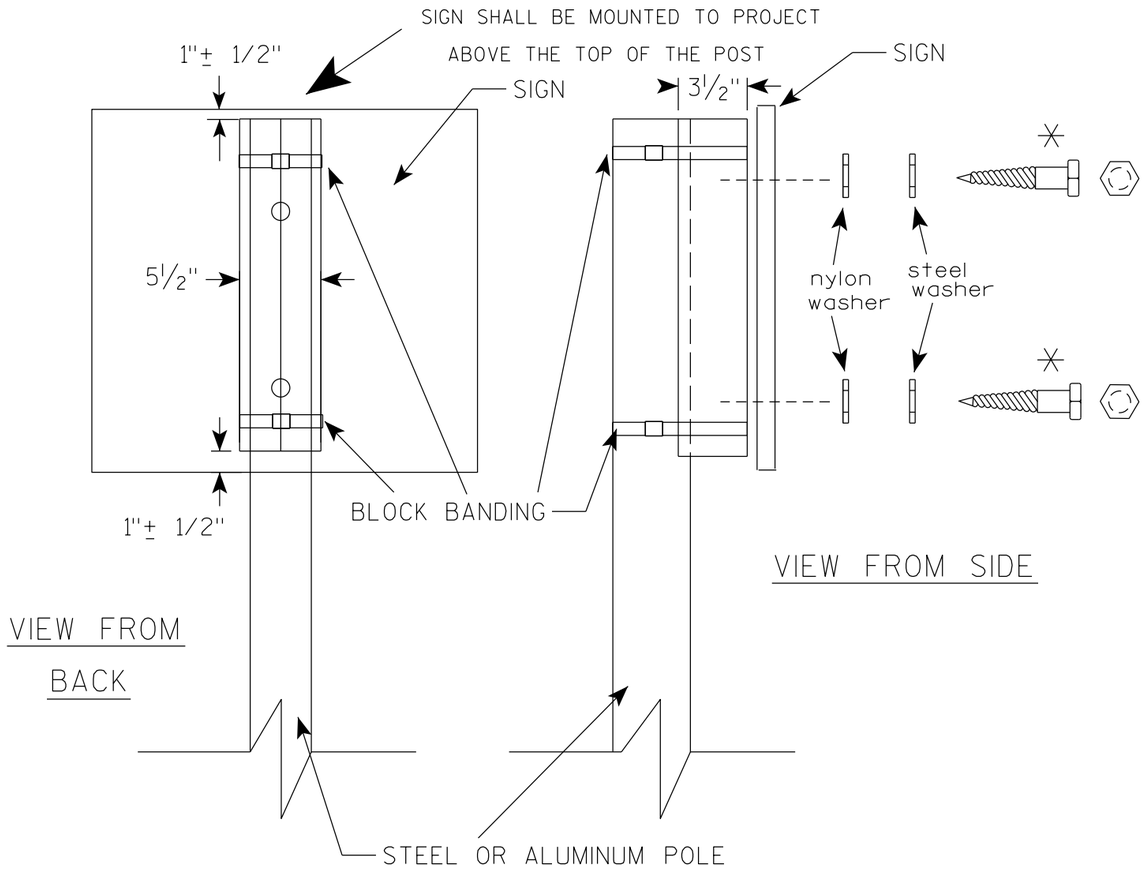
DATE 6/10/19 PLATE NO. A5-9.4

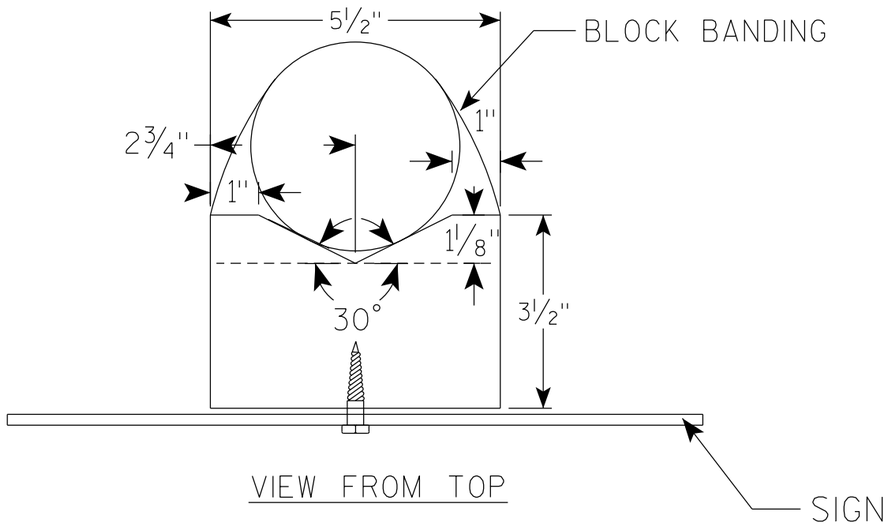
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 375	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

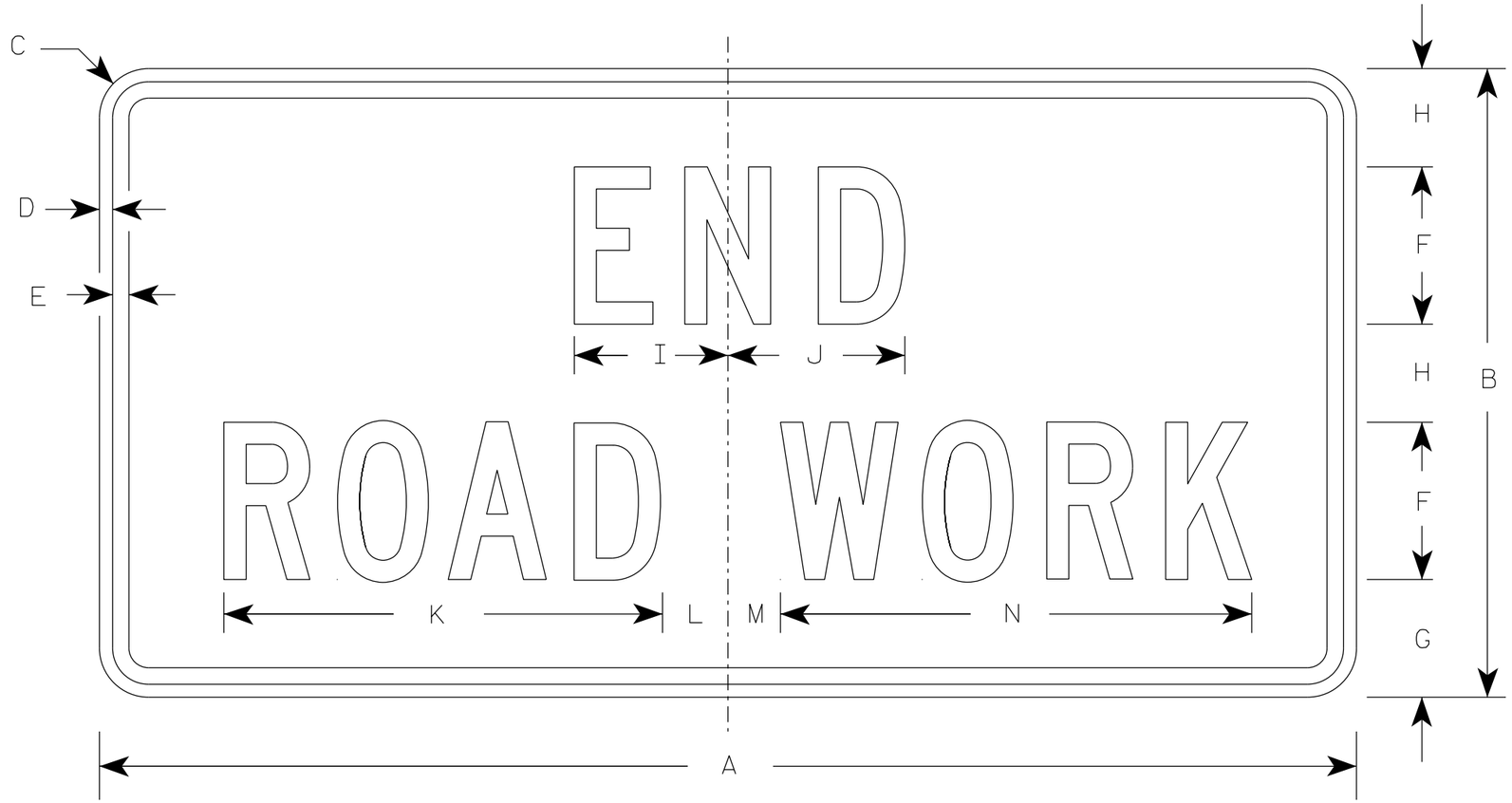
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 376 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

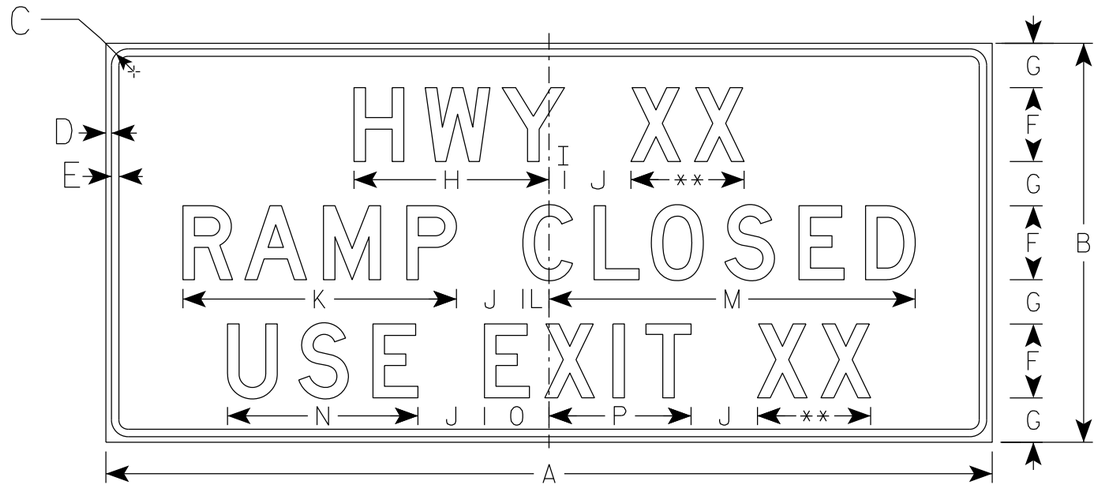
DATE 1/26/2023 PLATE NO. G20-2A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 377 E

7

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate Highway Number and Exit Number and optically center message



G20-56

** See Note 4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	120	54	3	¾	1	10	6	26 ⅜	2 ⅛	9	37	3 ½	49 ⅝	25 ¾	8 ¾	19 ¼											45.0
5	120	54	3	¾	1	10	6	26 ⅜	2 ⅛	9	37	3 ½	49 ⅝	25 ¾	8 ¾	19 ¼											45.0

STANDARD SIGN
G20-56

WISCONSIN DEPT OF TRANSPORTATION

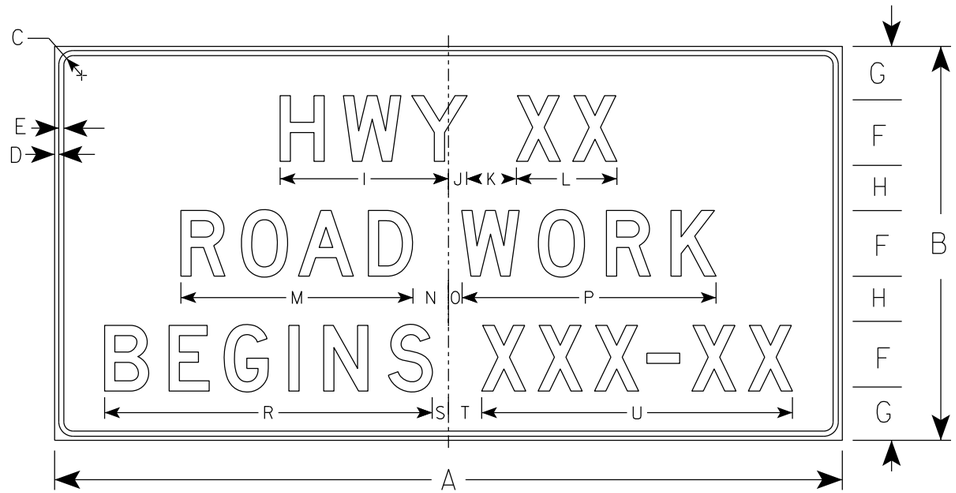
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 6/19/18 PLATE NO. G20-56.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 378 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate numeral and adjust spacing to achieve proper balance.



G20-57

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	72	36	1 1/8	1/2	5/8	6	5	4	15 5/8	1 5/8	5	9 1/4	21 1/4	3 1/2	1 1/2	23 1/4		29 7/8	1 3/4	3 1/4	28 1/2						18.0
4	96	48	2 1/4	3/4	1	8	6 1/2	5 1/2	20 5/8	2 1/4	6	12 1/4	28 1/4	4 3/8	1 5/8	31		39 1/4	2	4	37 7/8						32.0
5																											

STANDARD SIGN
G20-57

WISCONSIN DEPT OF TRANSPORTATION

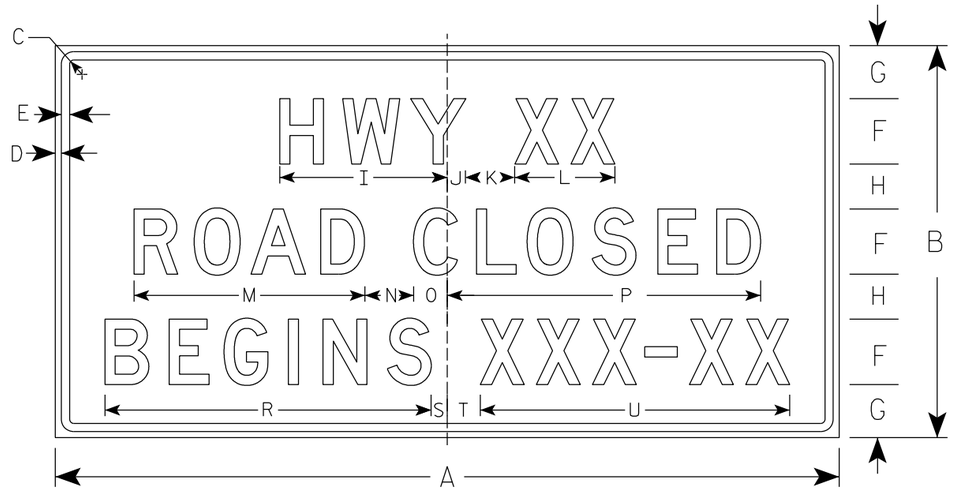
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/22/19 PLATE NO. G20-57.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 379 | E

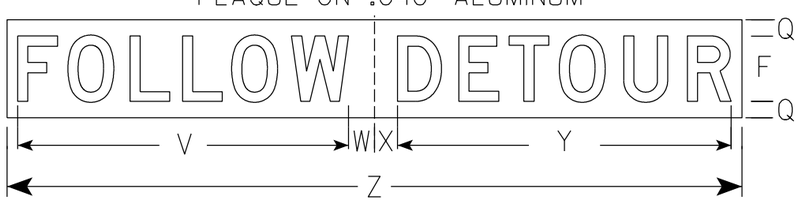
7

7



G20-57C

PLAQUE ON .040" ALUMINUM



USE ONLY ONCE WHEN ROAD IS CLOSED

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate numeral and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	72	36	1 1/8	1/2	5/8	6	5	4	15 5/8	1 5/8	5	9 1/4	21 1/8	5	2 7/8	29	2	30	1 3/4	3 1/4	28 3/8	40 1/2	2	2	29 3/4	66	18.0
4	96	48	2 1/4	3/4	1	8	6 1/2	5 1/2	20 5/8	2 1/4	6	12 1/4	28 1/4	6	4 1/8	38 3/8	2	39 7/8	2	4	37 7/8	29 3/4	3 1/8	2 7/8	40 7/8	90	32.0
5																											

STANDARD SIGN
G20-57C

WISCONSIN DEPT OF TRANSPORTATION

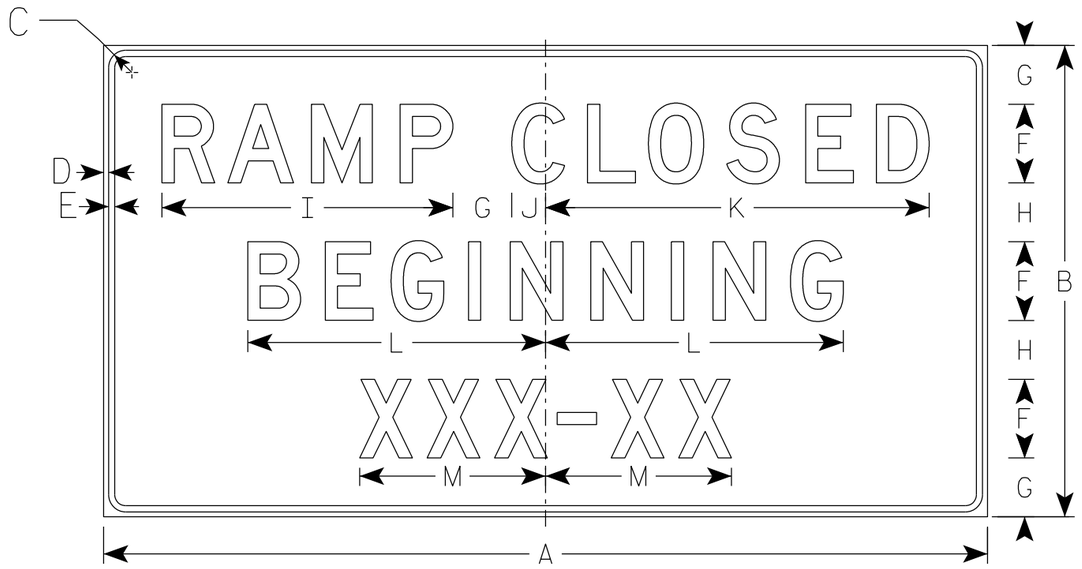
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/25/19 PLATE NO. G20-57C.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 380 E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



G20-58

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	72	36	1 5/8	5/8	3/4	6	5	4	22 1/4	2 3/8	29 1/2	22 3/4	14 1/4														18.0
3	90	48	1 5/8	5/8	3/4	8	6	6	29 5/8	3 3/8	39	30 3/8	19														30.0
4																											
5																											

STANDARD SIGN
G20-58

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/19/2020 PLATE NO. G20-58.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 381 | E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - E
4. Material shall be .040 aluminmum

G20-60

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	108	24				12	6	14 7/8	78 1/4																		18.0
5																											

STANDARD SIGN
G20-60

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/15 PLATE NO G20-60.1

PROJECT NO: | HWY: | COUNTY: | | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\G2060.DGN PLOT DATE : 13-MAY-2015 08:46 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 20.431338:1.000000 WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - E

G20-61

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	120	30	6		2	12	9	21	78 1/4	20 3/4																	25.0
5																											

STANDARD SIGN
G20-61

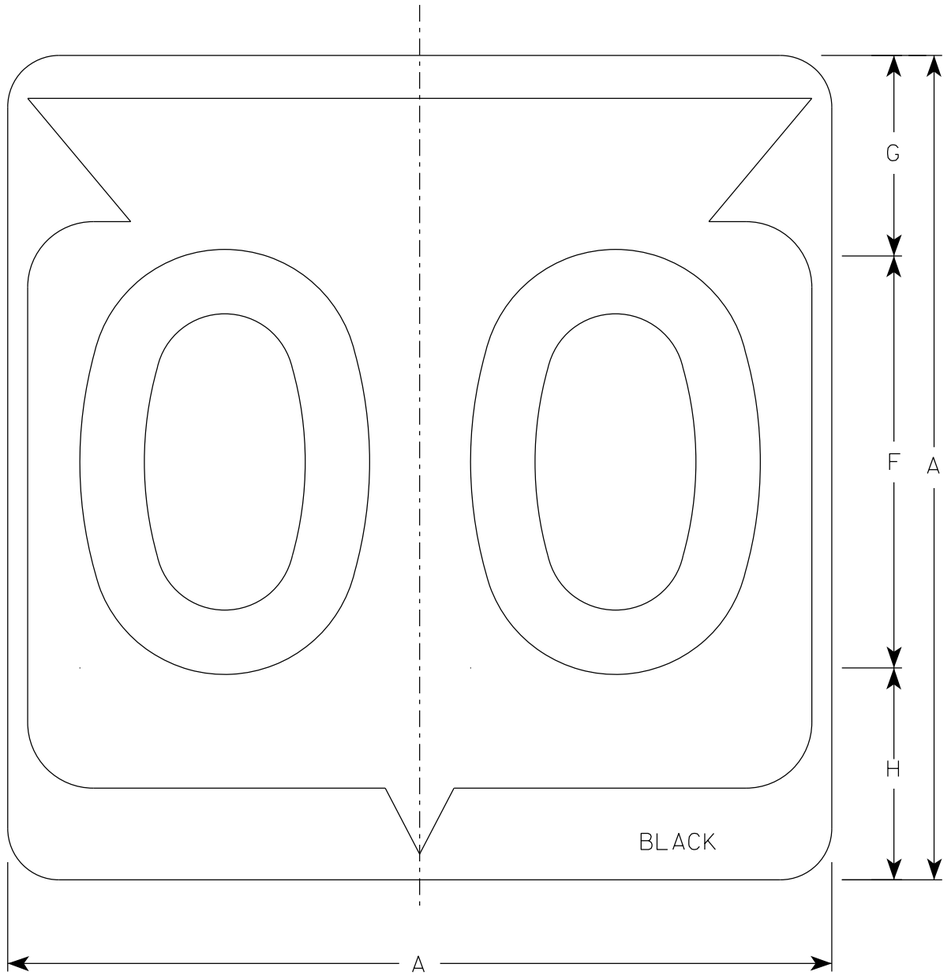
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/07/15 PLATE NO G20-61.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

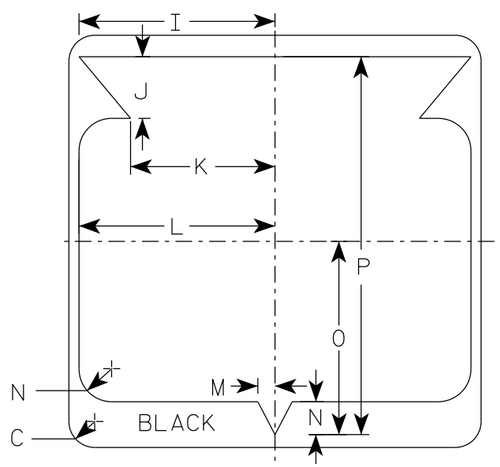
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\G2061.DGN PLOT DATE : 07-MAY-2015 13:47 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 20.431338:1.000000 WISDOT/CADDS SHEET 42



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

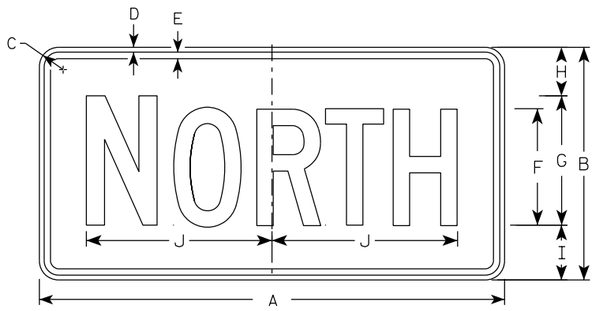
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

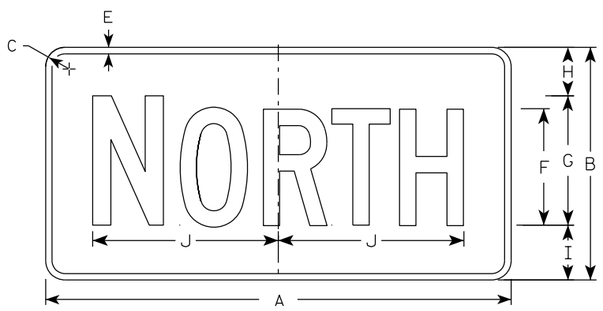
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

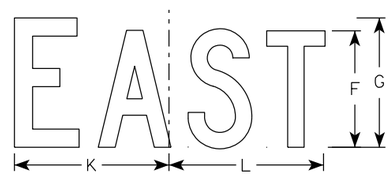
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 384	E



M3-1
MM3-1
MP3-1

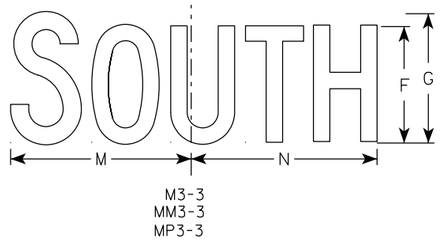


MB3-1
MK3-1
MN3-1

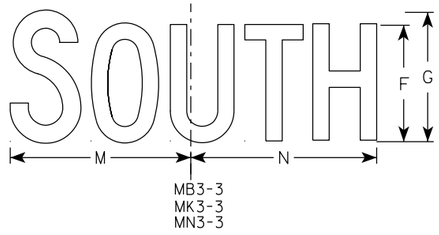


M3-2
MM3-2
MP3-2

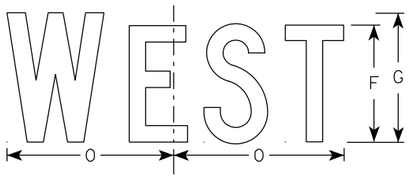
MB3-2
MK3-2
MN3-2



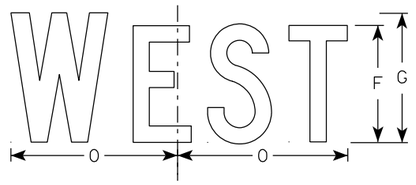
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS
M3-1 THRU M3-4
SERIES

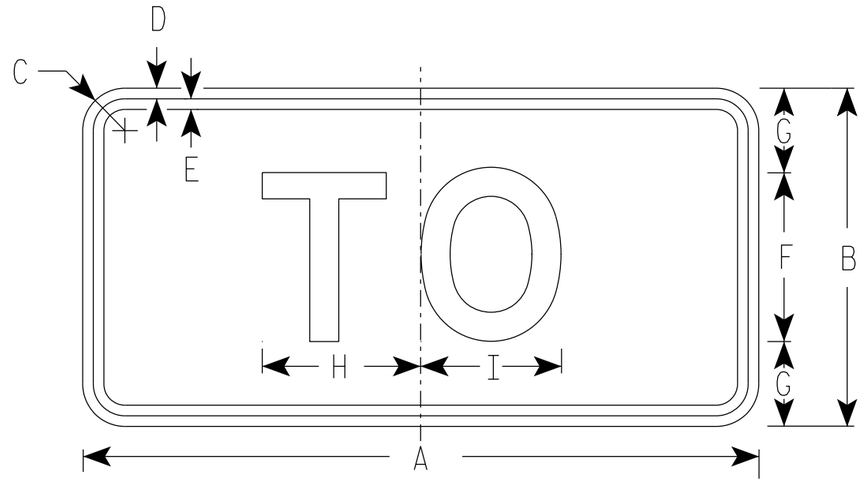
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

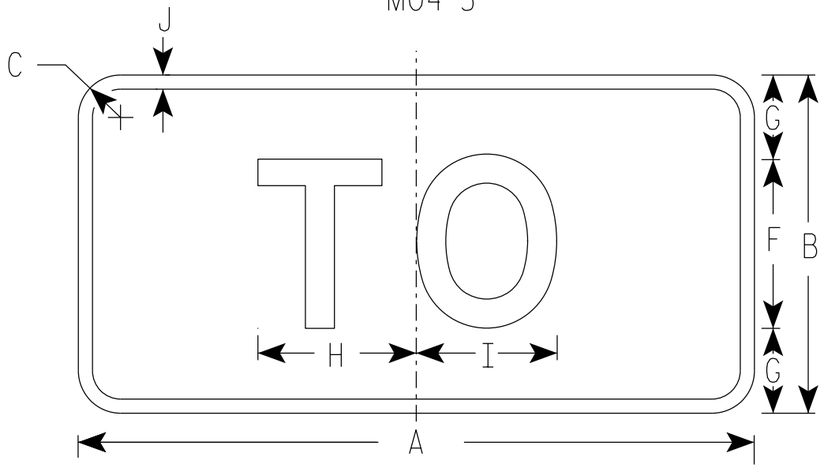
DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 385 | E

7



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	3	5 3/8	5 1/4	1/2																	2.00
2M	24	12	1 1/2	3/8	3/8	6	3	5 3/8	5 1/4	1/2																	2.00
3	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5

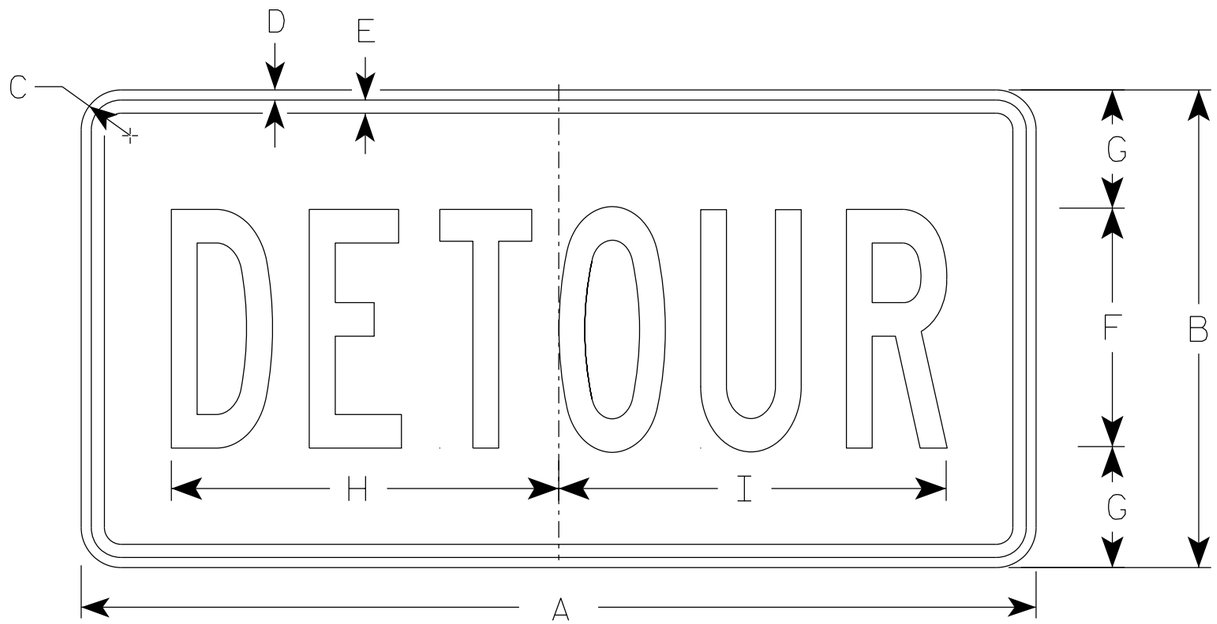
STANDARD SIGN
M4-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M4-5.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 386 E



M4-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

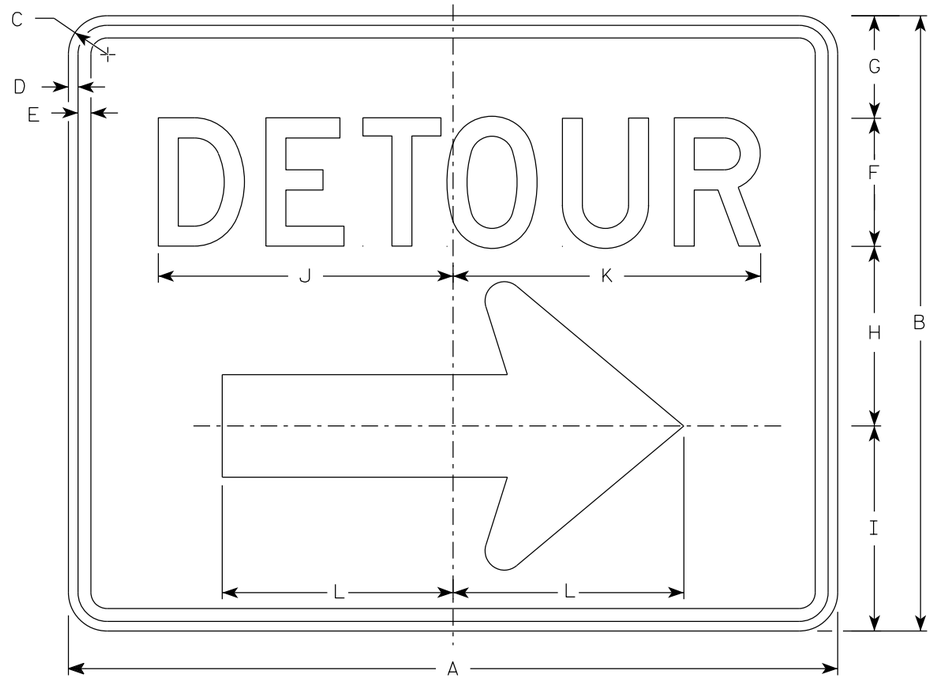
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

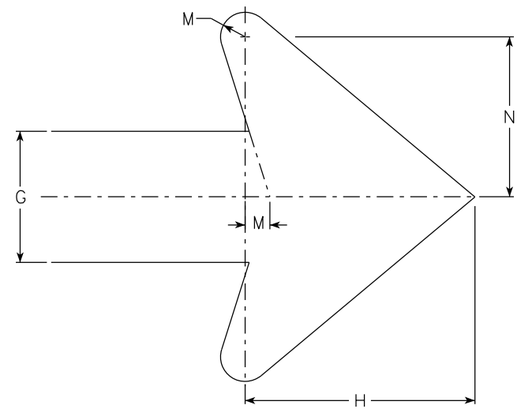
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 387	E



M4-9R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   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.
4. M4-9L is the same as M4-9R except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

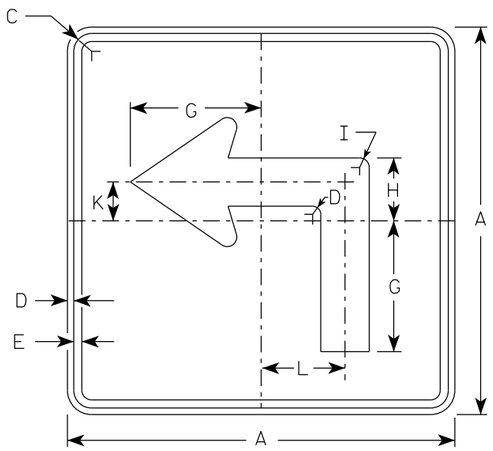
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

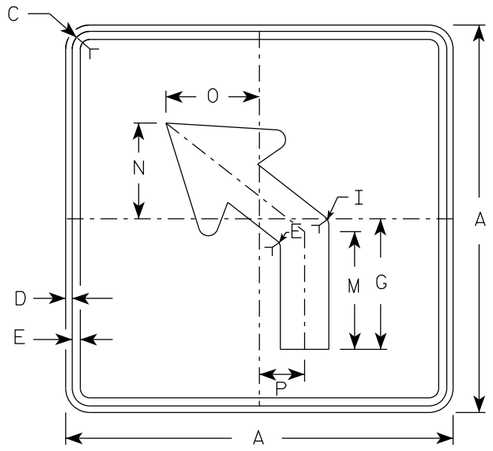
DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

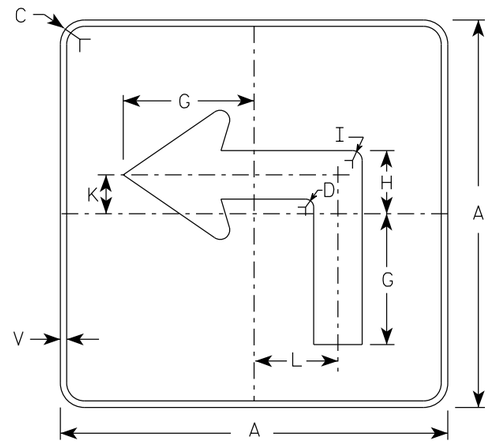
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



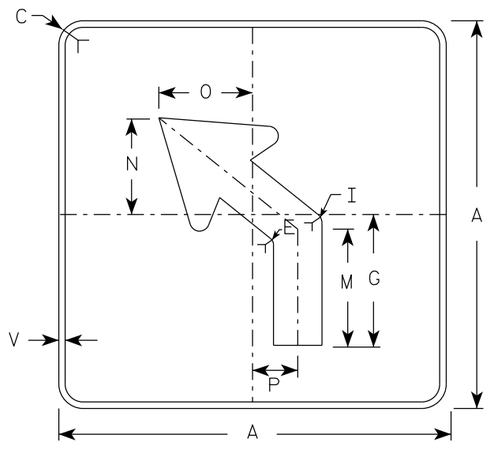
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

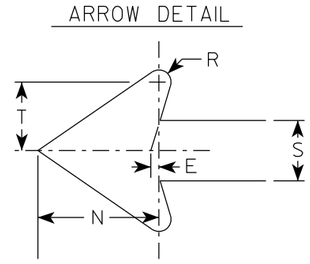


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

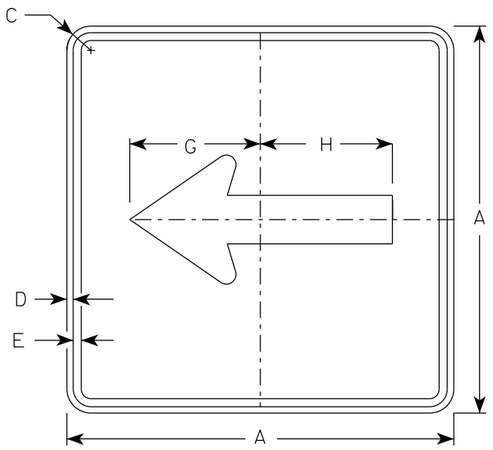
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

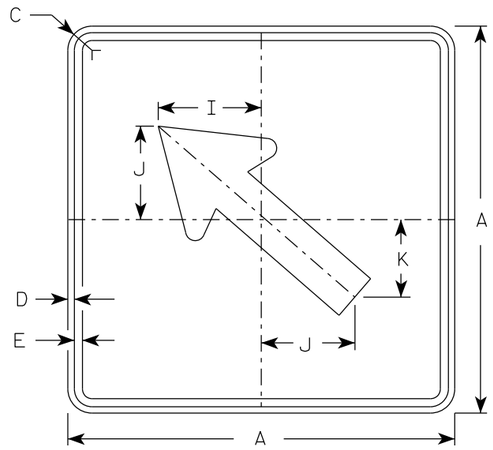
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

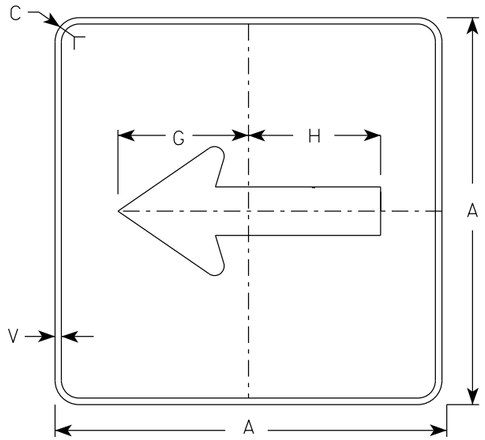
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 389 | E



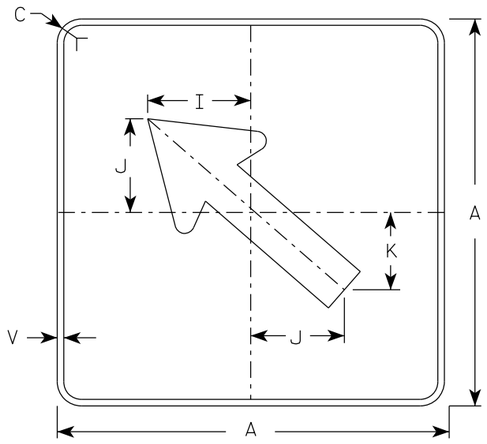
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

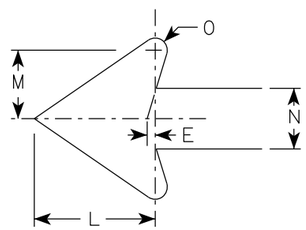


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

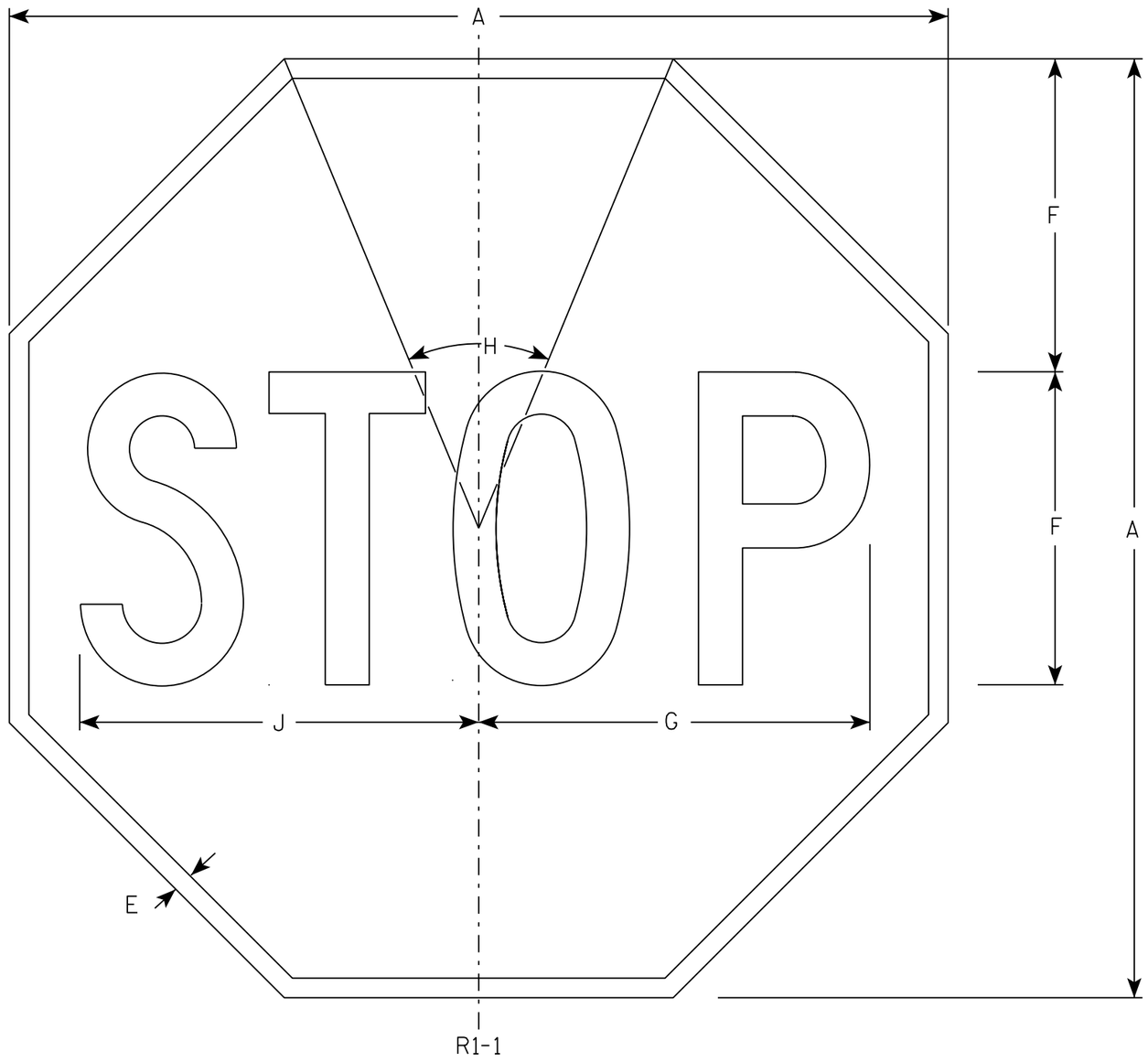
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 390 | E

7

7



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

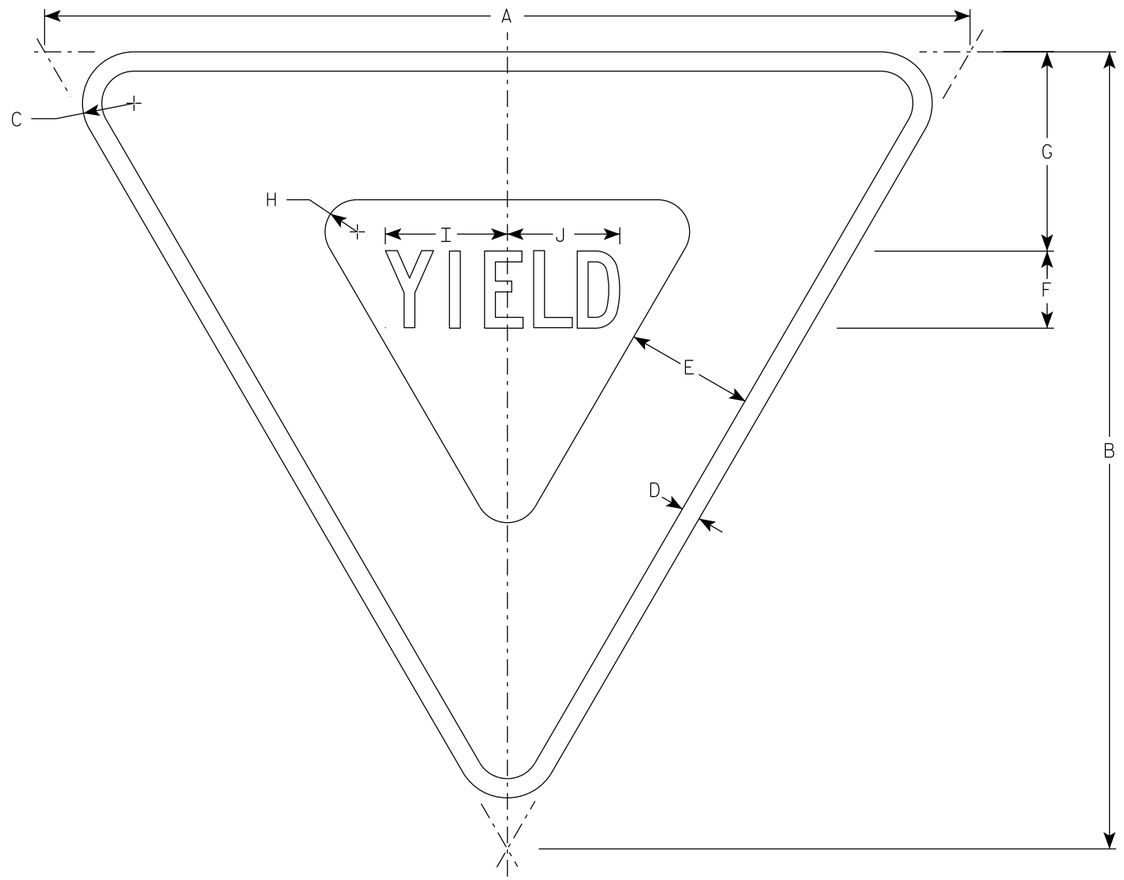
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 391	E



R1-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 4
3. Message Series - C
4. The border strip and word message are reflectorized red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	26	2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

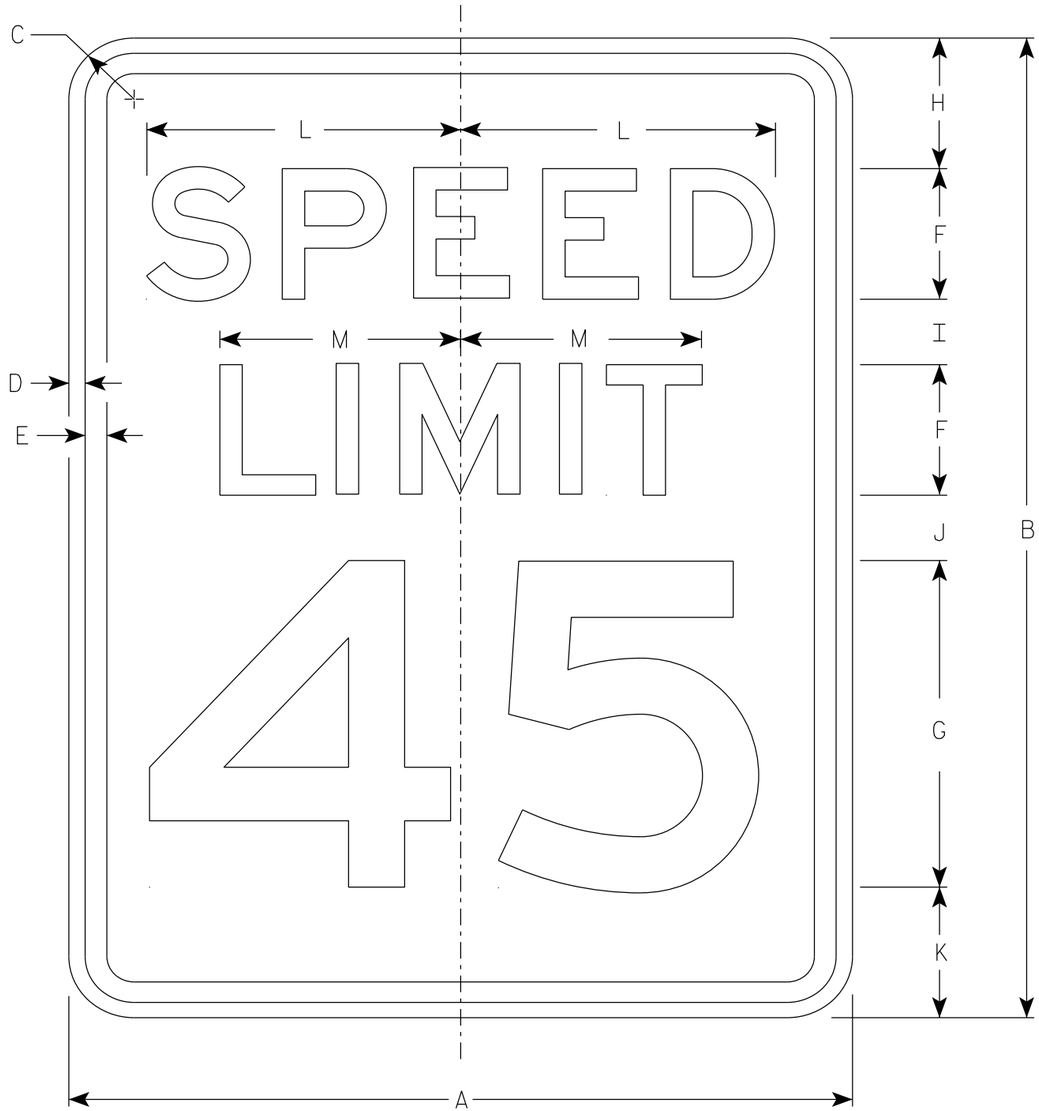
STANDARD SIGN
R1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/10/2024 PLATE NO. R1-2.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 392	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

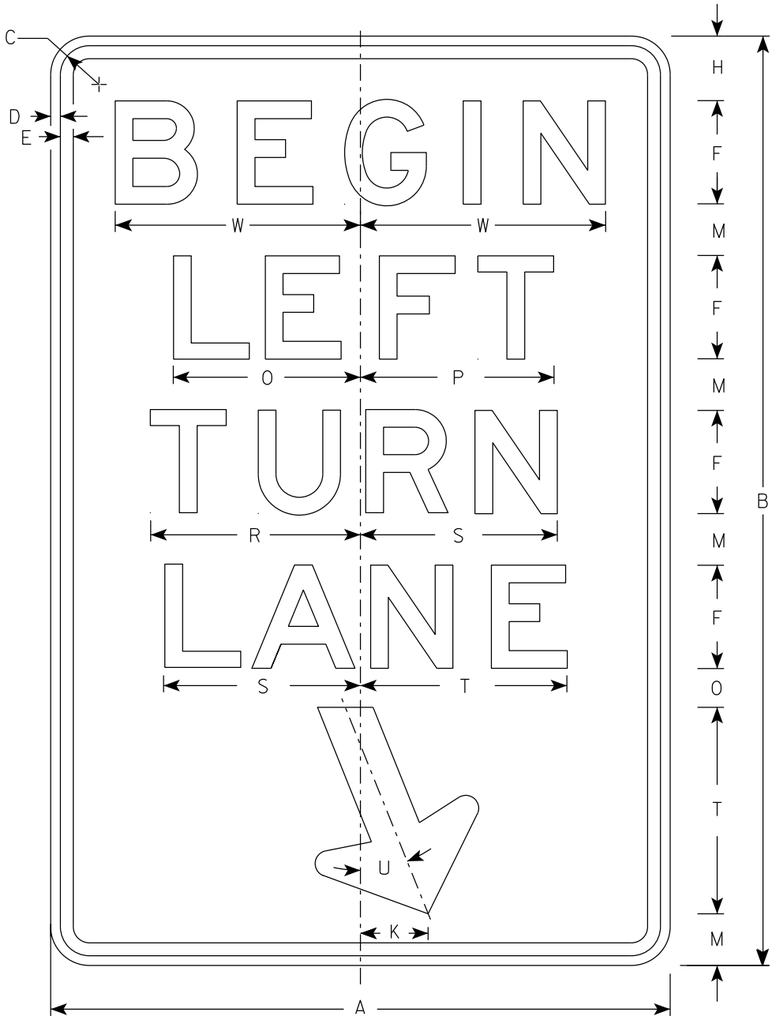
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

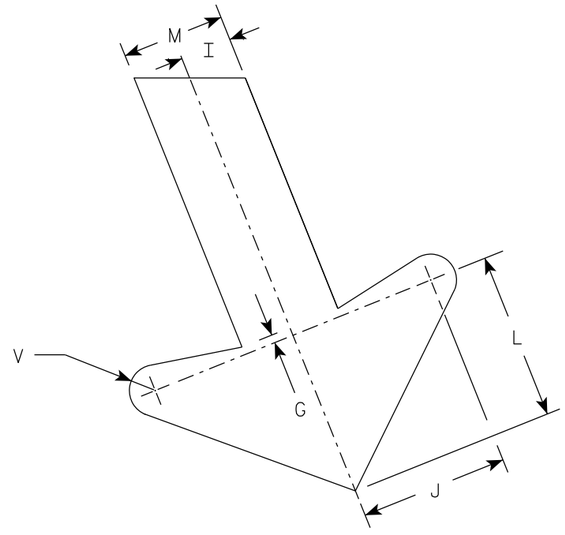
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 393 | E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

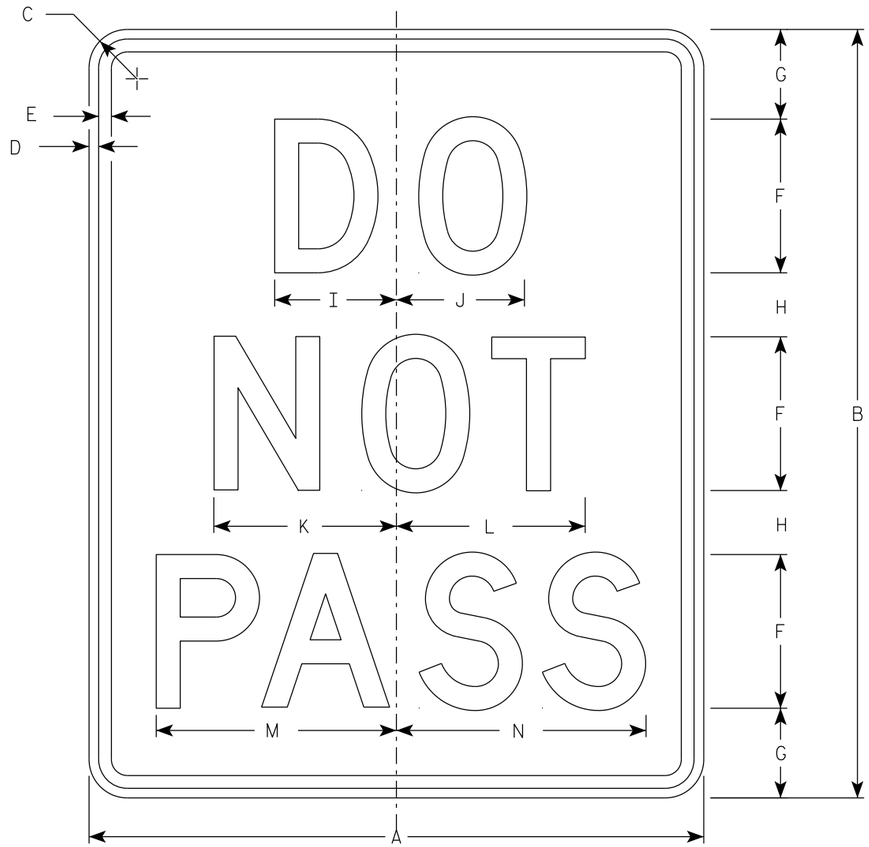
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 394	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R4-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	4	3 1/2	2 1/2	3 1/8	3 1/4	4 3/4	4 7/8	6 1/4	6 1/2													3.0
2S	24	30	1 1/2	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
2M	24	30	1 1/2	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
3	36	48	1 7/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
4	36	48	1 7/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
5	48	60	3	3/4	1	10	8	7	7 3/4	8 3/8	11 7/8	12 1/4	15 5/8	16 1/4													20.0

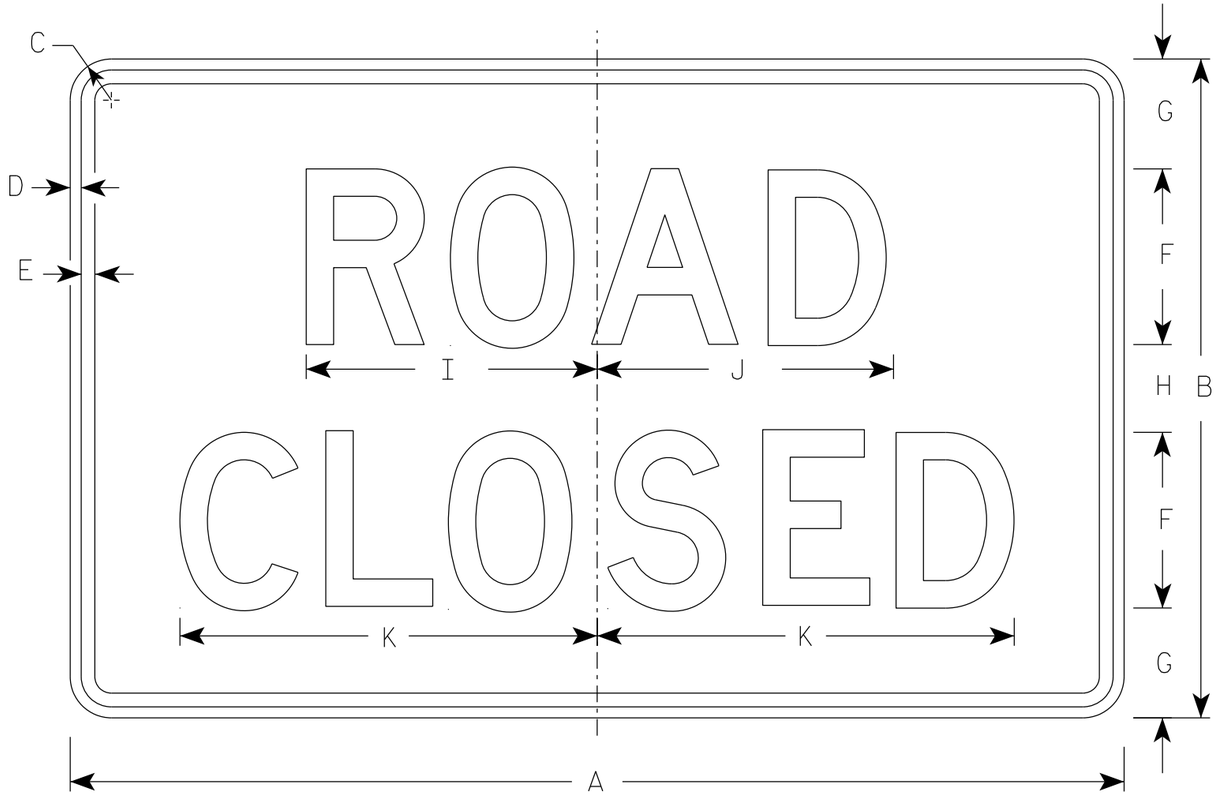
STANDARD SIGN
R4-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/23 PLATE NO. R4-1.8

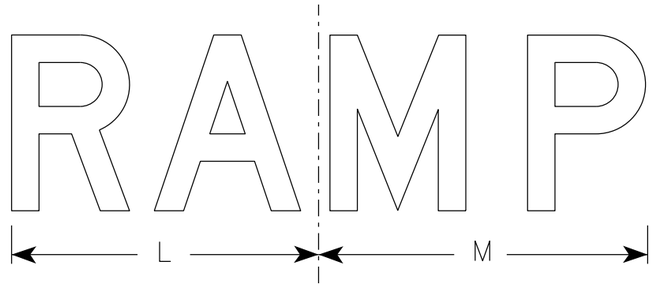
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 395 | E



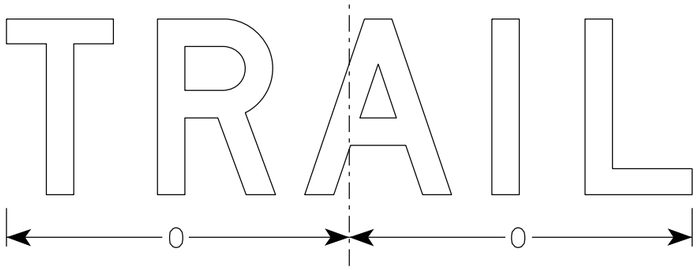
R11-2

NOTES

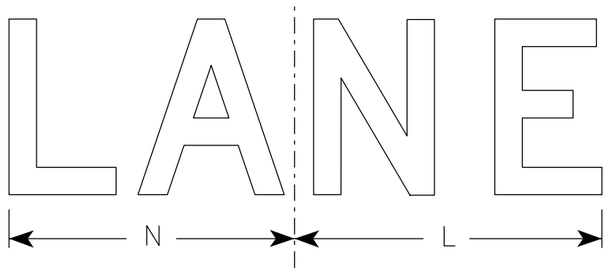
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the 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

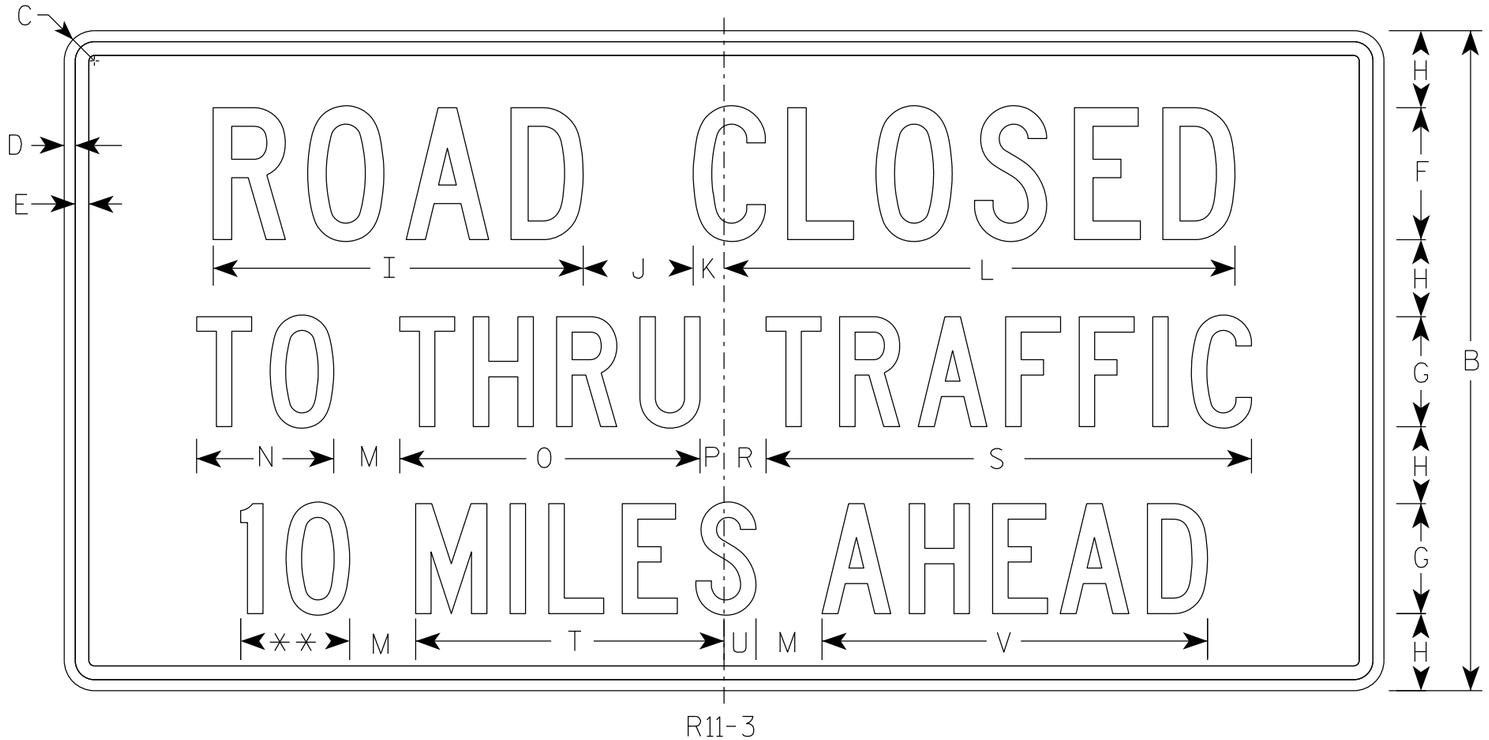
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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

7

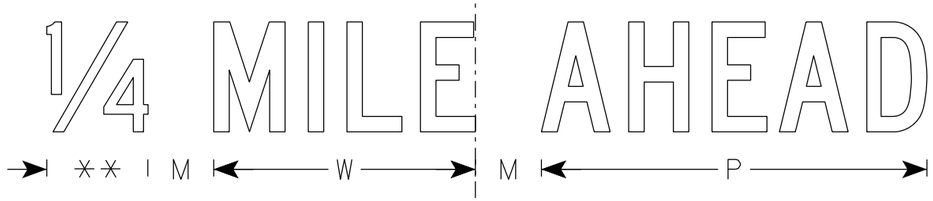
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

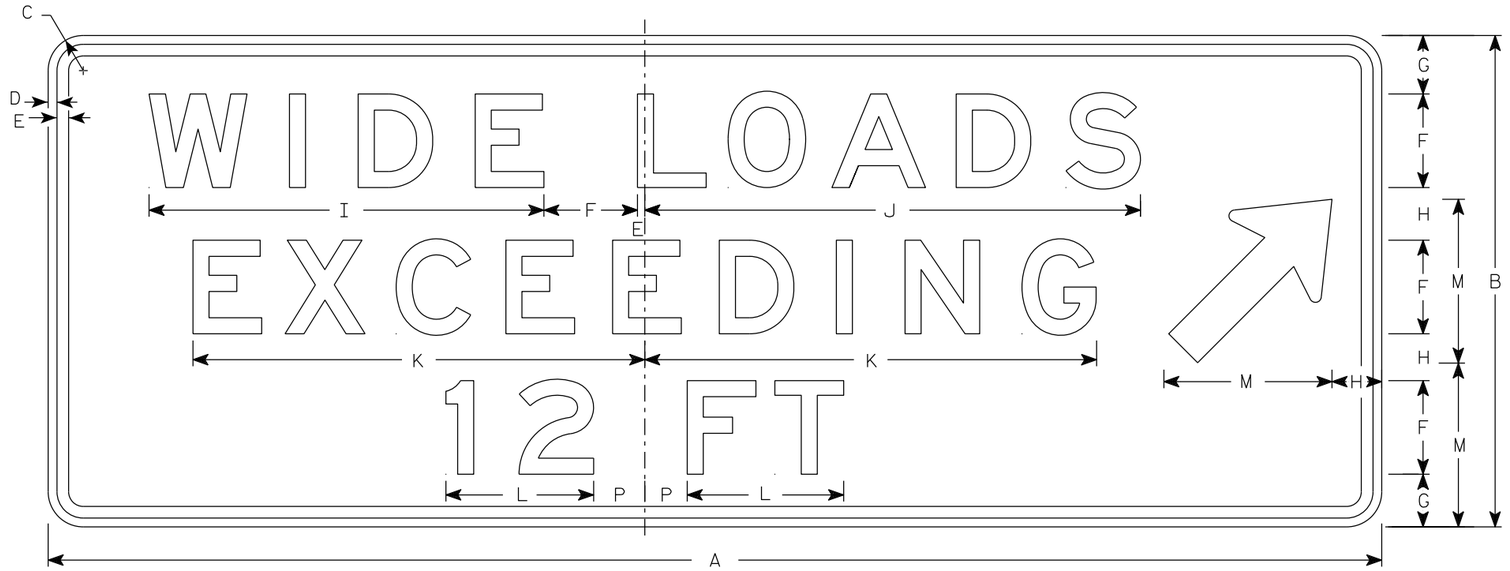
DATE 2/5/24 PLATE NO. R11-3.10

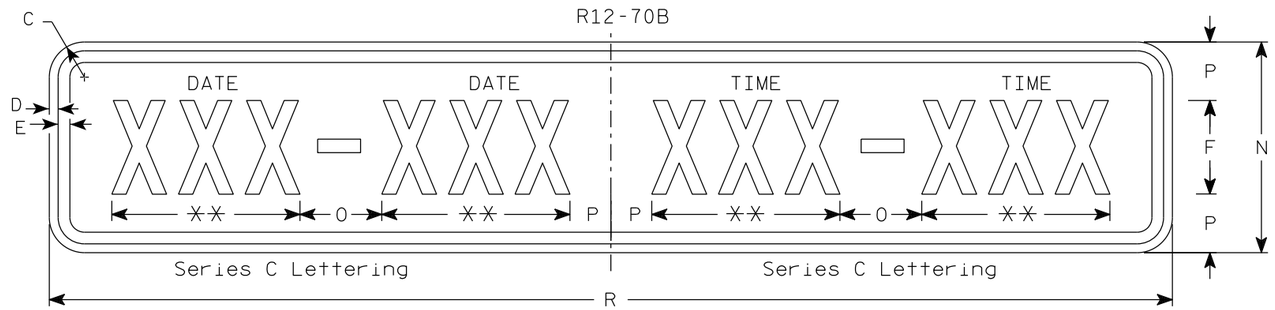
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 397	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E except as noted
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.

** Substitute appropriate message, optically center message





R12-70C

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	R12-70 Area sq. ft.	R12-70C Area sq. ft.
1																												
2S	90	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	12	6	3		66									22.5	5.5
2M	90	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	12	6	3		66									22.5	5.5
3	90	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	12	6	3		66									22.5	5.5
4	114	42	3	3/4	1	8	5	4	34	42	39	13	14	18	7	3 1/2		96									36.75	12.0
5	114	42	3	3/4	1	8	5	4	34	42	39	13	14	18	7	3 1/2		96									36.75	12.0

TYPICAL SIGN
R12-70B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/24 PLATE NO. R12-70B.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 398 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - B

W4-4P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	8	1 1/2	3/8	10	6 1/4	2 1/4	2 1/4	6 1/4											2.0
2M	24	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	8	1 1/2	3/8	10	6 1/4	2 1/4	2 1/4	6 1/4											2.0
3	36	15	1 1/2	3/8	1/2	4	2 5/8	1 3/4	10 3/4	2 3/8	3/8	13 1/2	8 3/8	3	3 1/8	8 3/8											3.75
4	42	18	1 1/2	3/8	1/2	5	3	2	13 3/8	3 1/8	3/8	16 7/8	10 1/2	3 5/8	3 7/8	10 3/8											5.25
5																											

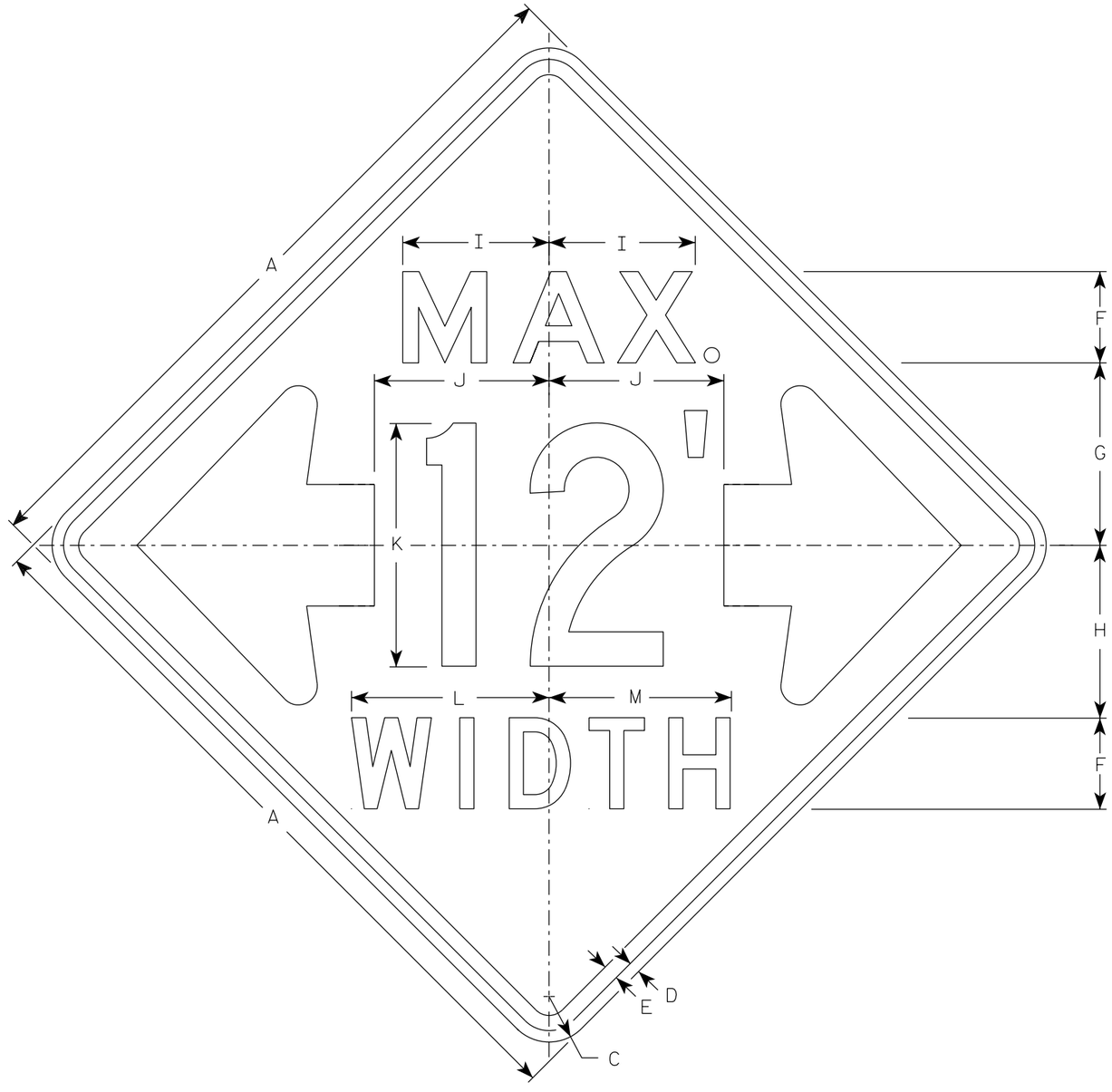
STANDARD SIGN
W4-4P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 9/5/2023 PLATE NO. W4-4P.3

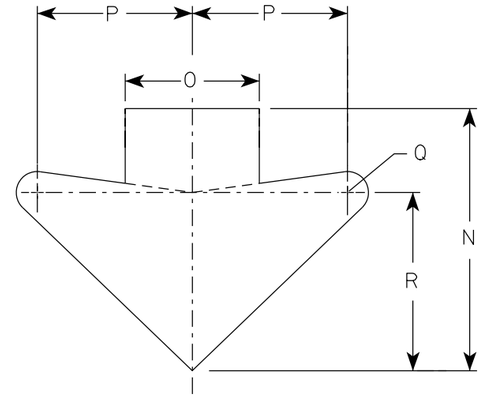
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 399 E



W12-52

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. The top line is series E, the numerals are series C, and the bottom line is series D.
5. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		3	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
2M	48		3	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
3																											
4																											
5																											

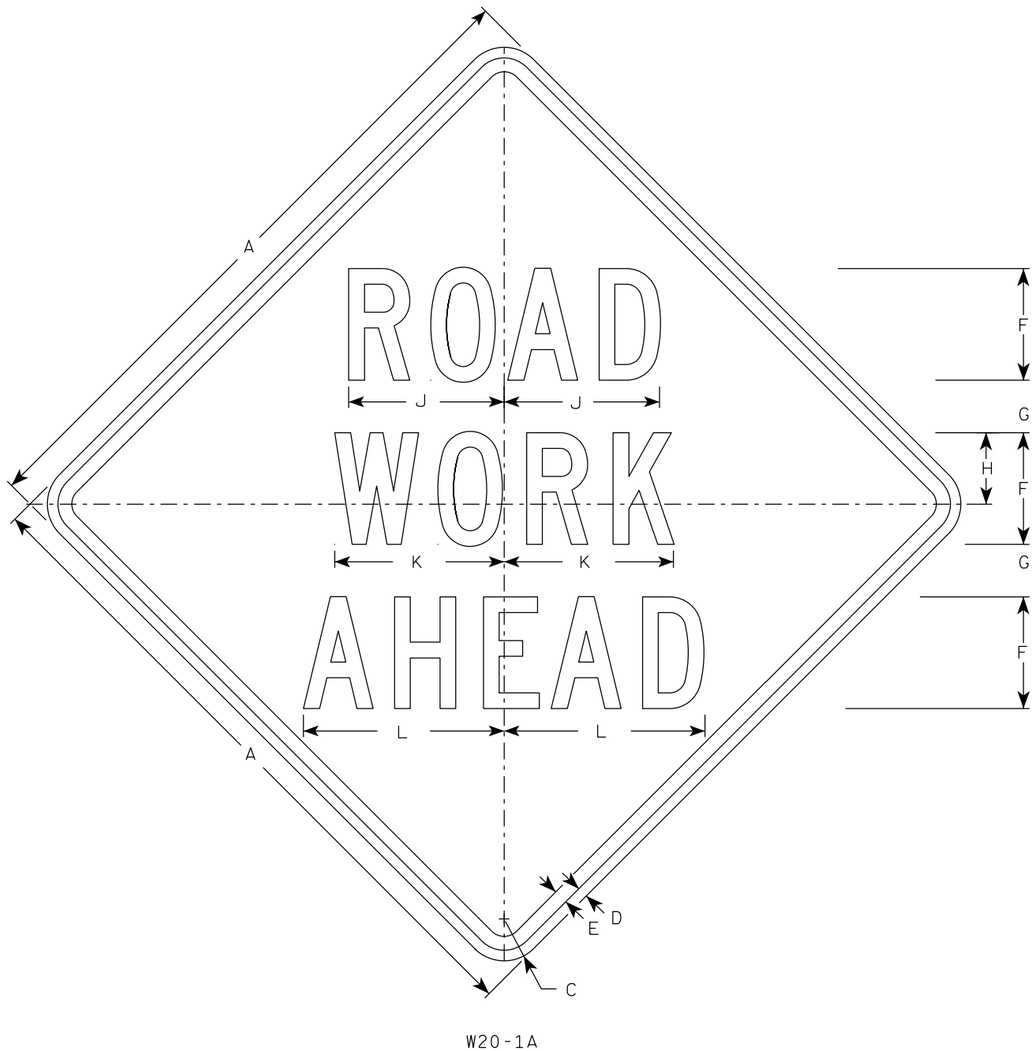
STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

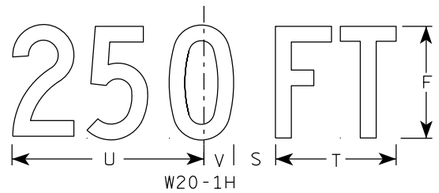
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/2024 PLATE NO. W12-52.8

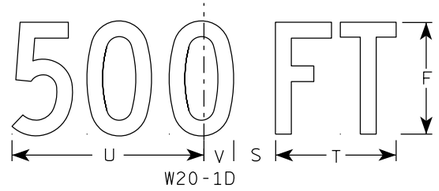
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 400 | E



W20-1A

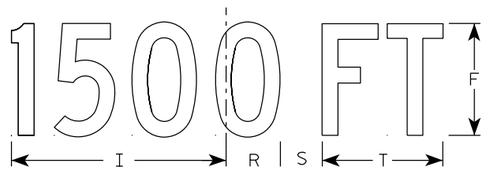


W20-1H



W20-1D

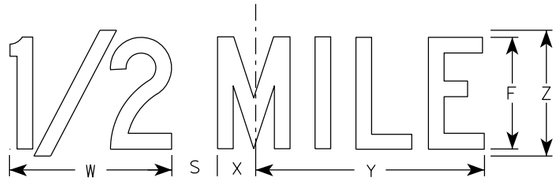
W20-1C



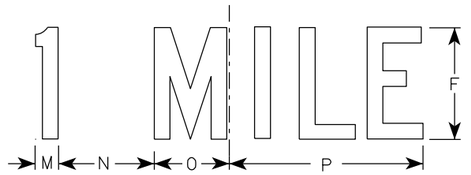
W20-1B

NOTES

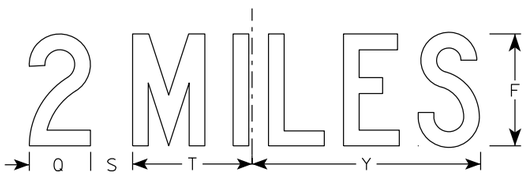
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

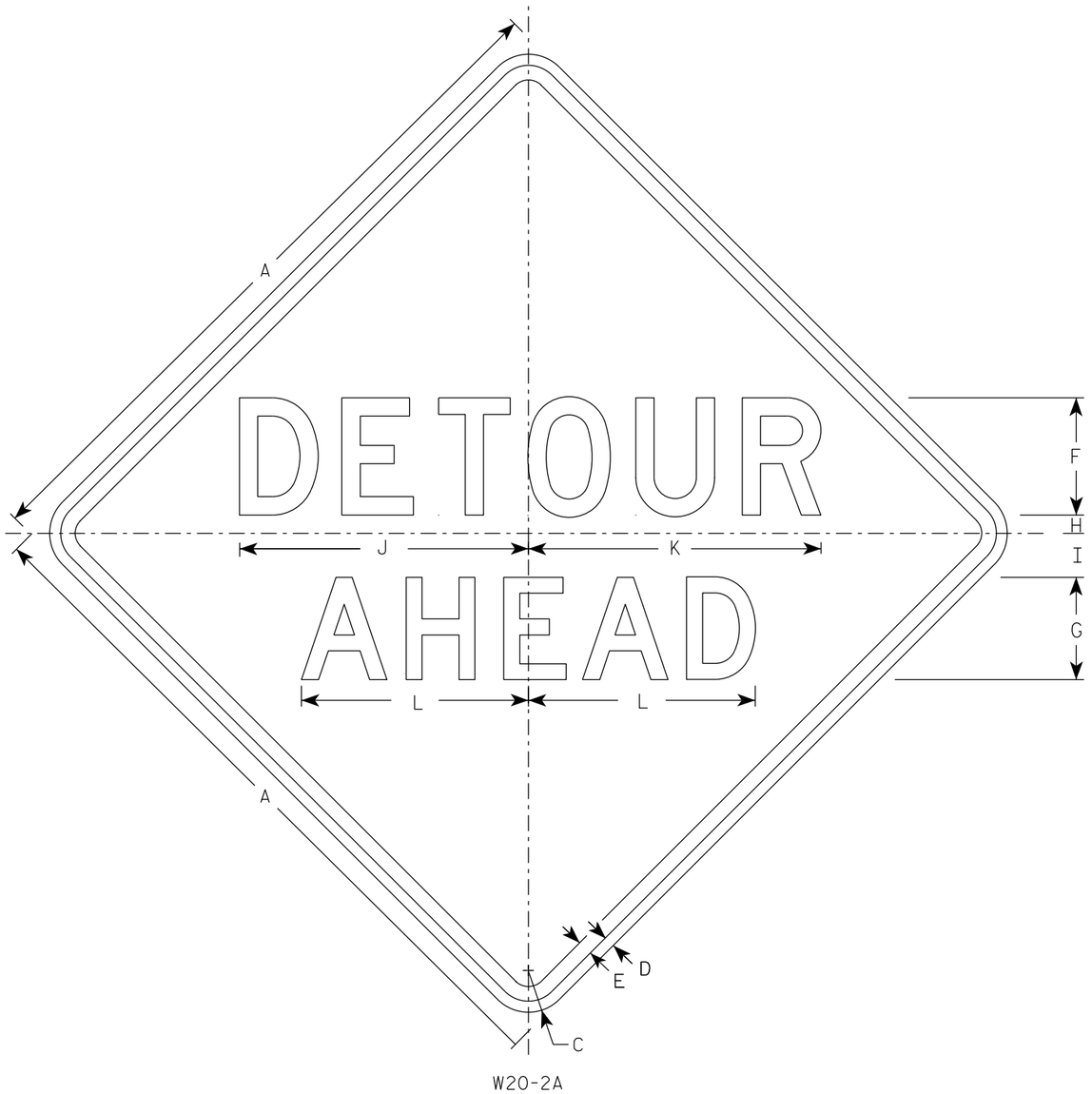
SHEET NO: 401 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

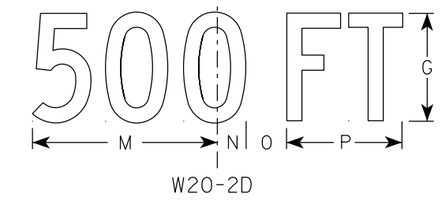
WISDOT/CADDS SHEET 42

7

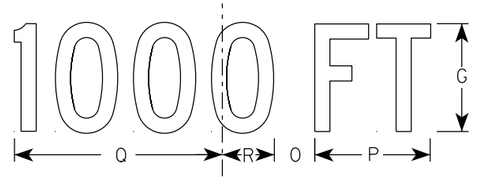
7



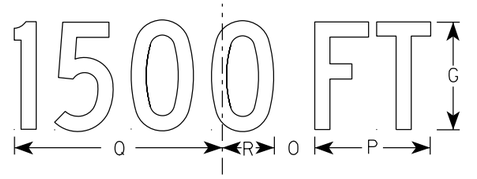
W20-2A



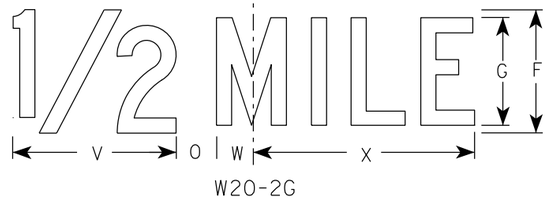
W20-2D



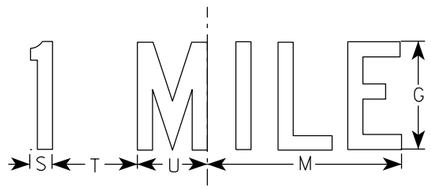
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

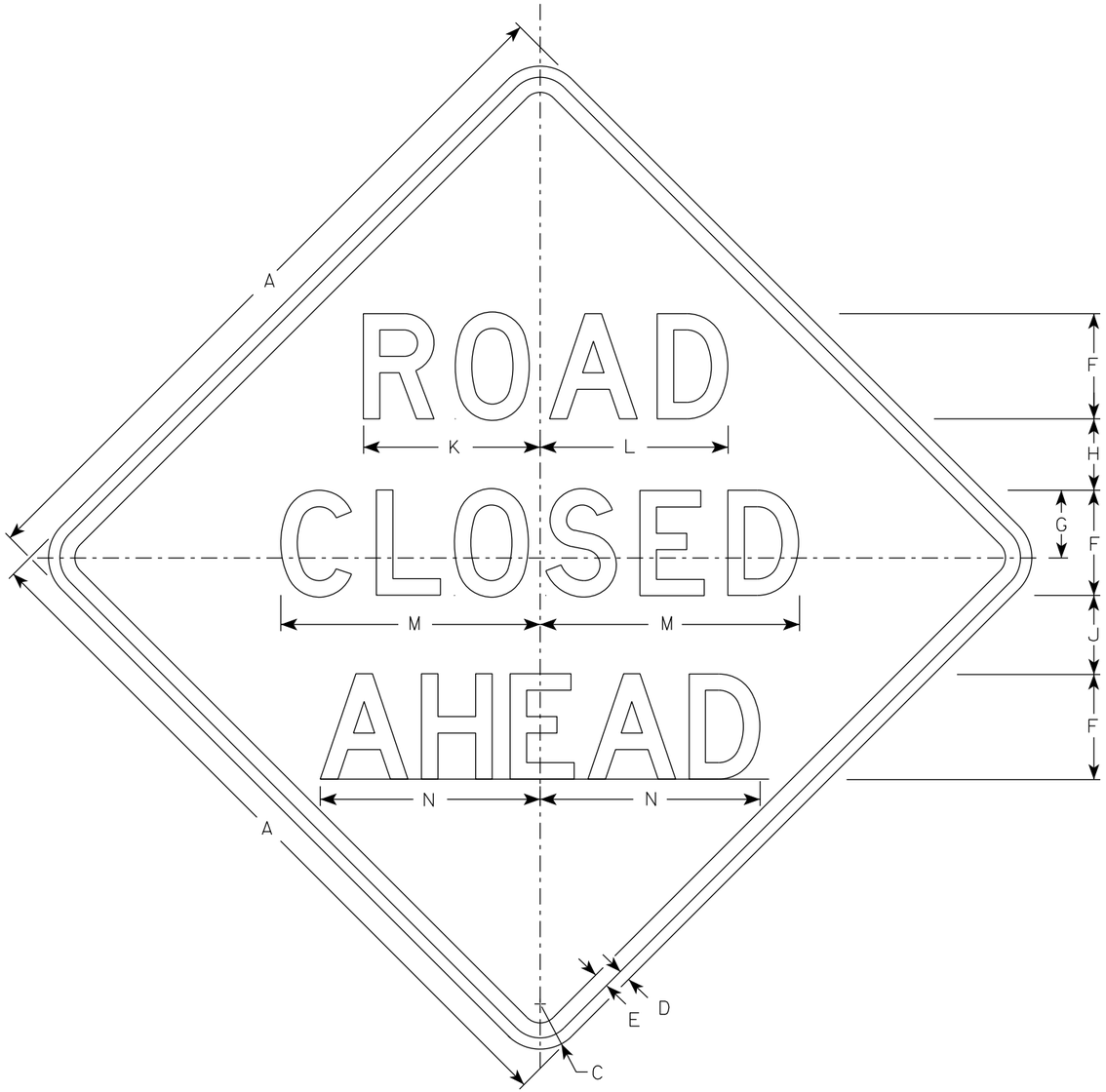
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

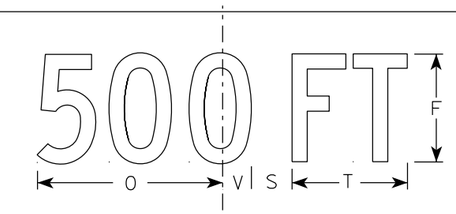
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

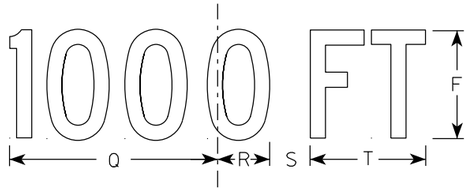
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



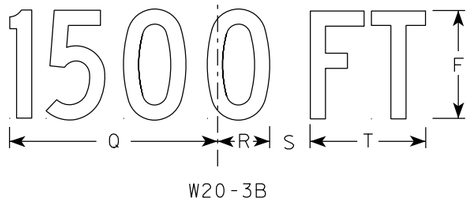
W20-3A



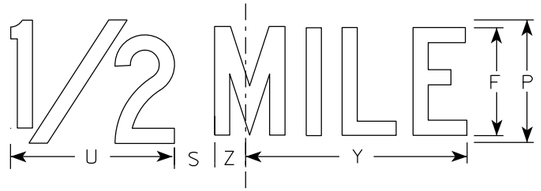
W20-3D



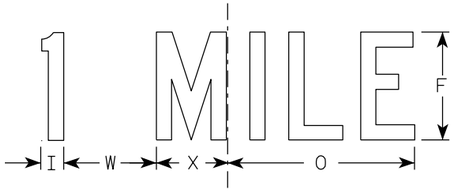
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

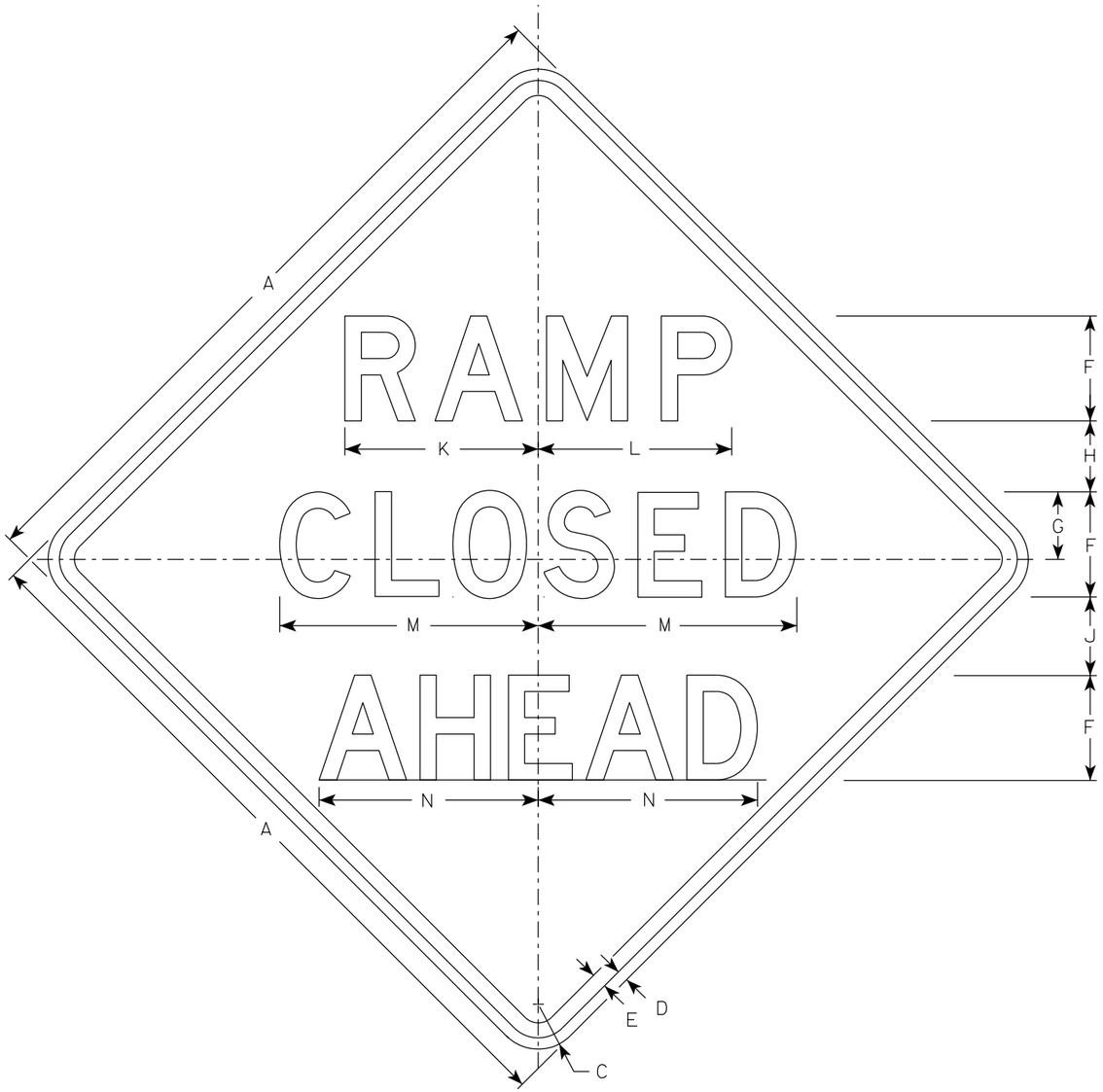
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

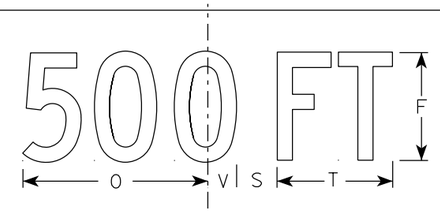
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

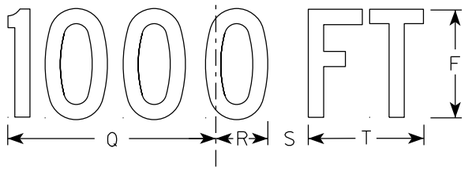
7



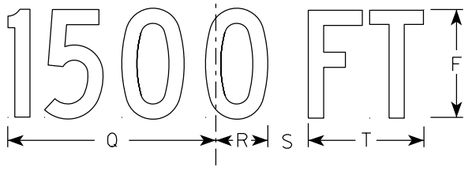
W20-53A



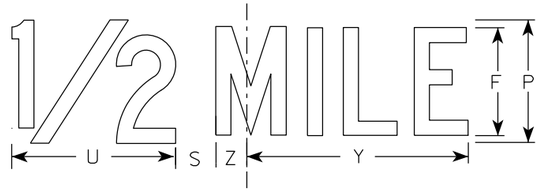
W20-53D



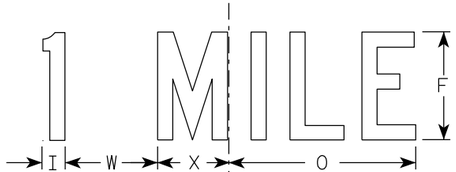
W20-53C



W20-53B



W20-53G



W20-53F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	9 1/4	9 1/4	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 7/8	12 7/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

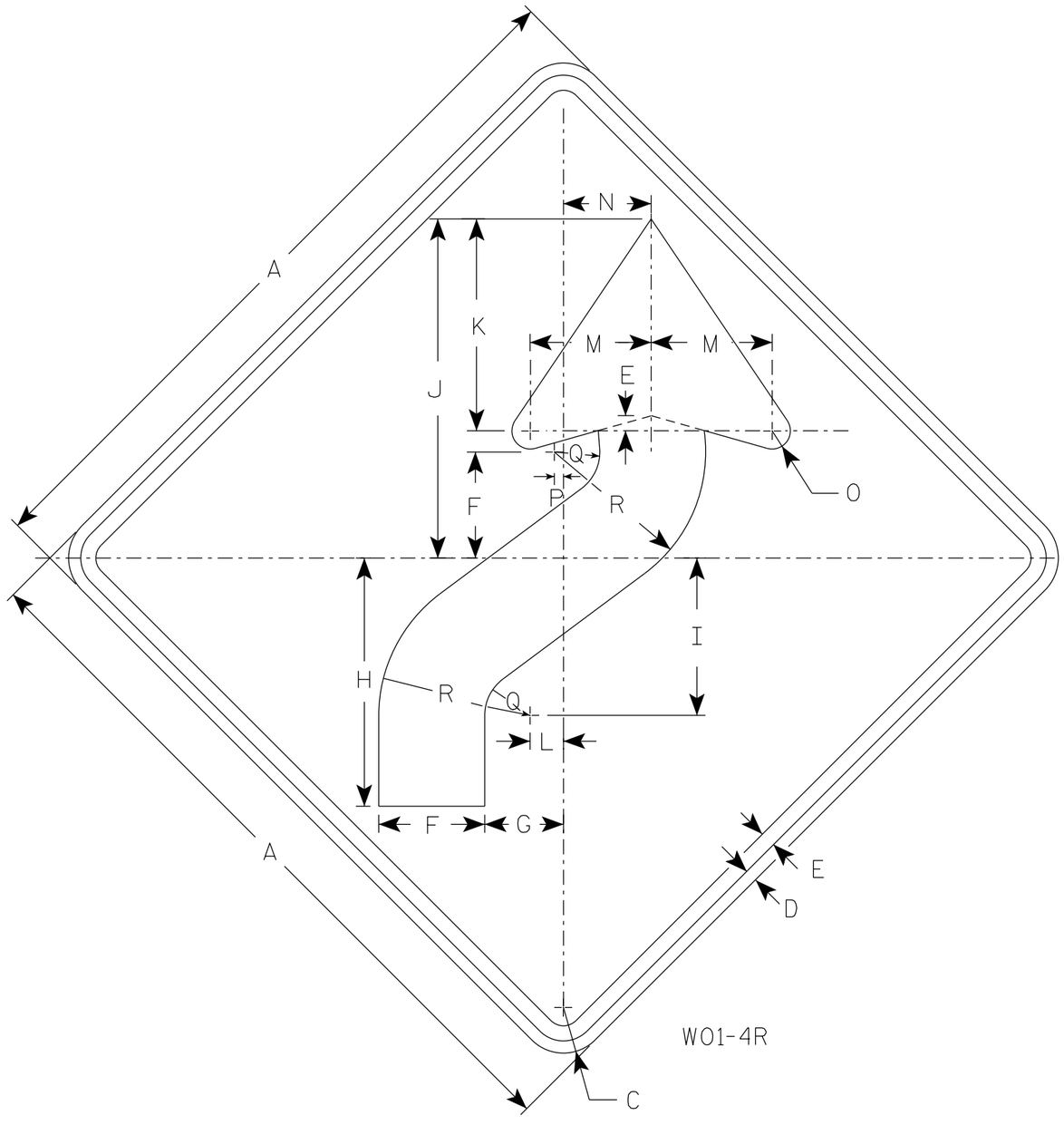
STANDARD SIGN
W20-53A,B,C,D,F,G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-53.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W01-4R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

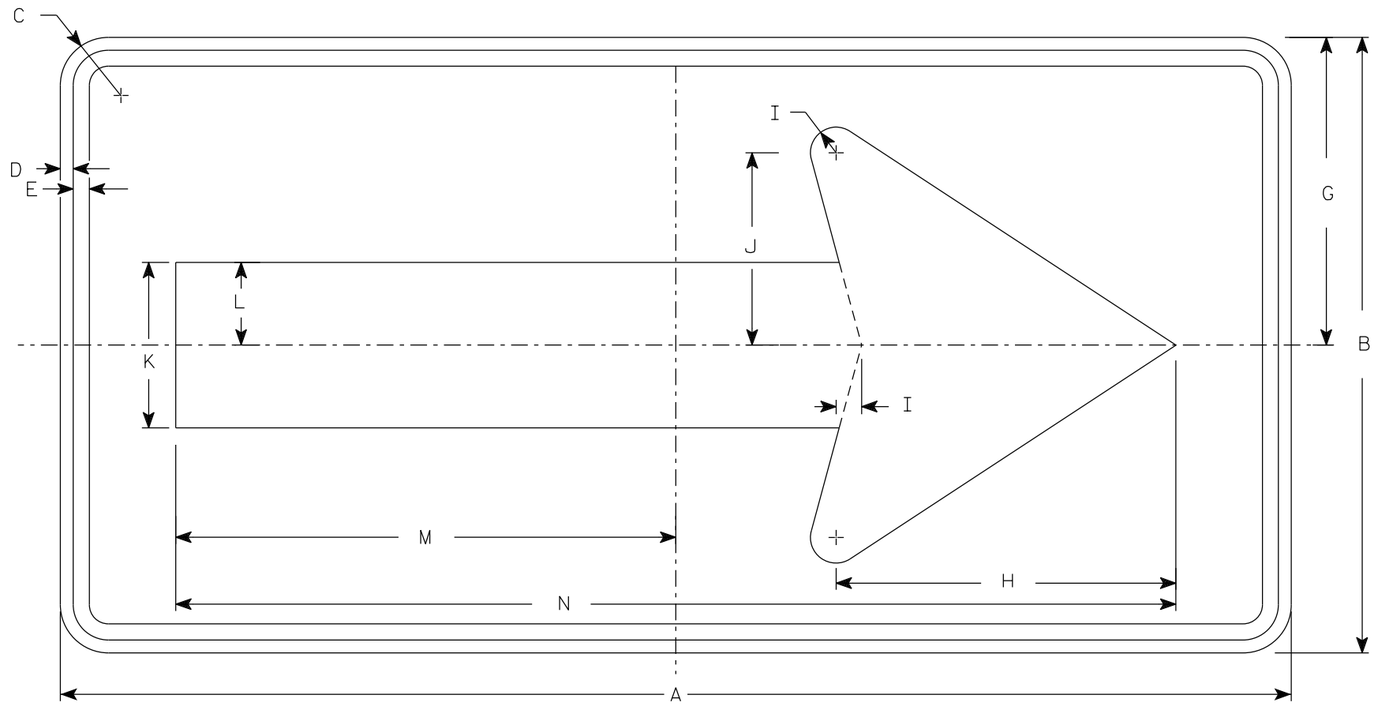
STANDARD SIGN
W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 405 E



WO1-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
WO1-6

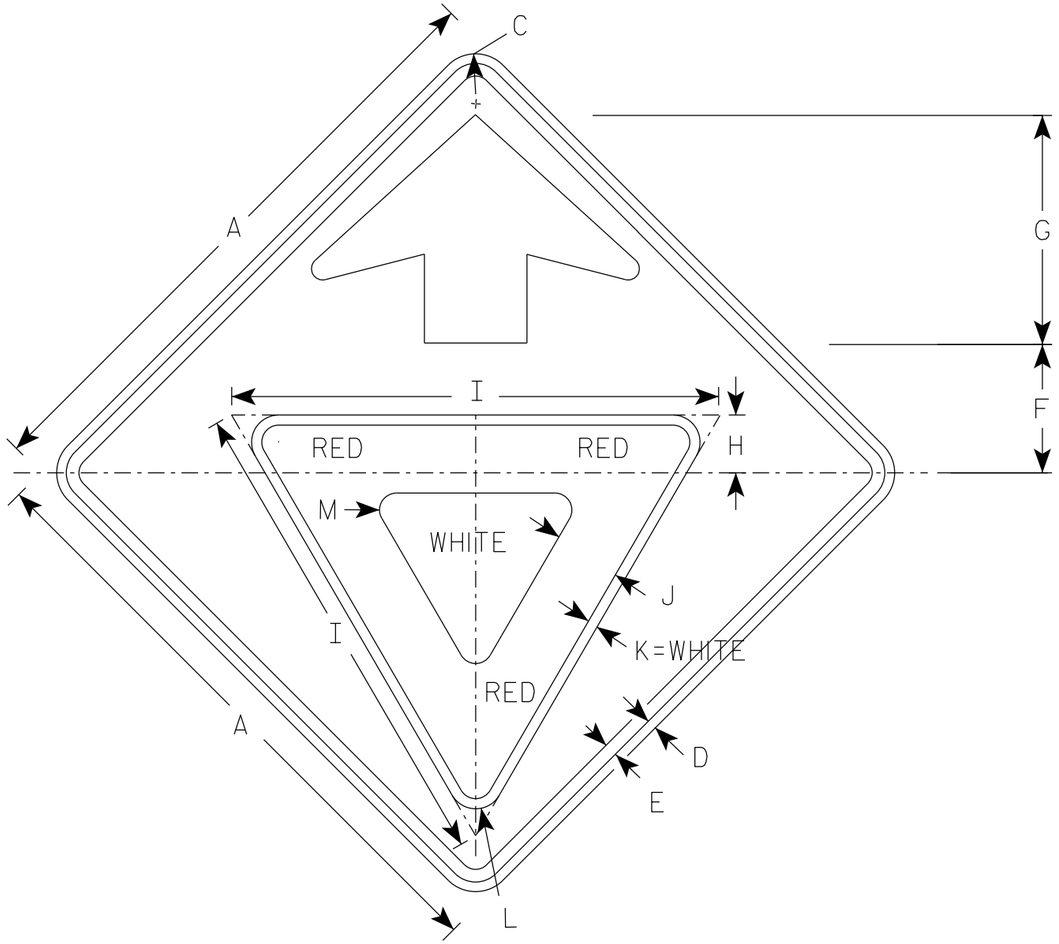
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. WO1-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

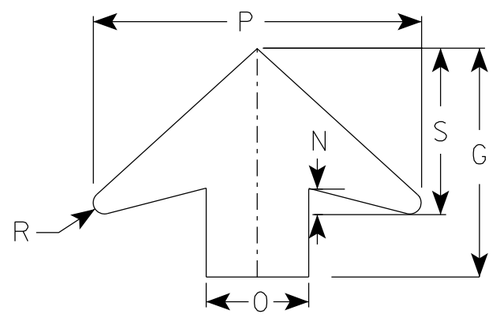
FILE NAME : C:\Users\PROJECTS\tr_stdplate\WO16.dgn PLOT DATE : 24-JAN 2024 1:12 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W03-2

NOTES

1. All Signs Type II - Type F Reflective
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2S	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
2M	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
3	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
4	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W03-2

WISCONSIN DEPT OF TRANSPORTATION

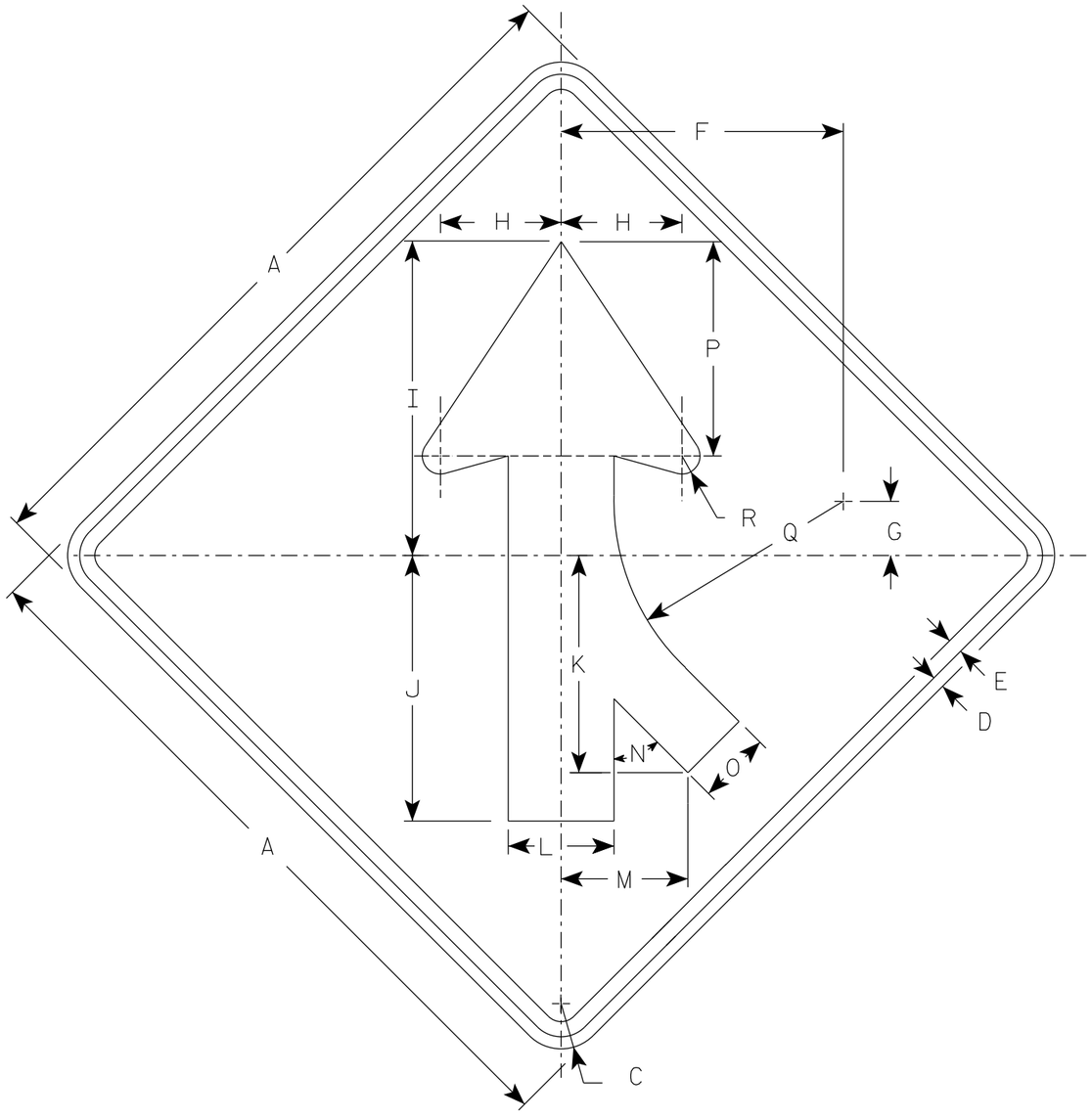
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-2.2

PROJECT NO:

SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W032.DGN
PLOT DATE : 24-JAN 2024 1:55
PLOT BY : dotc4c
WISDOT/CADDS SHEET 42



W04-1R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-1L is the same as W04-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2S	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
2M	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
3	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
4	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

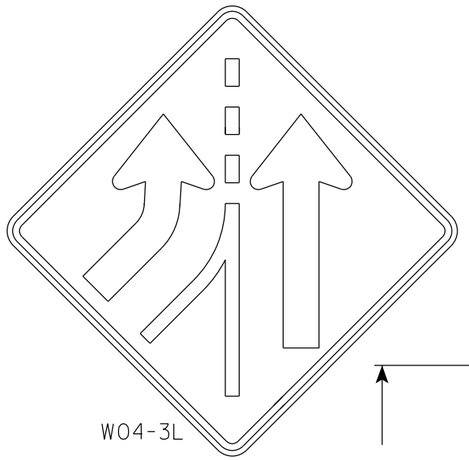
STANDARD SIGN
W04-1

WISCONSIN DEPT OF TRANSPORTATION

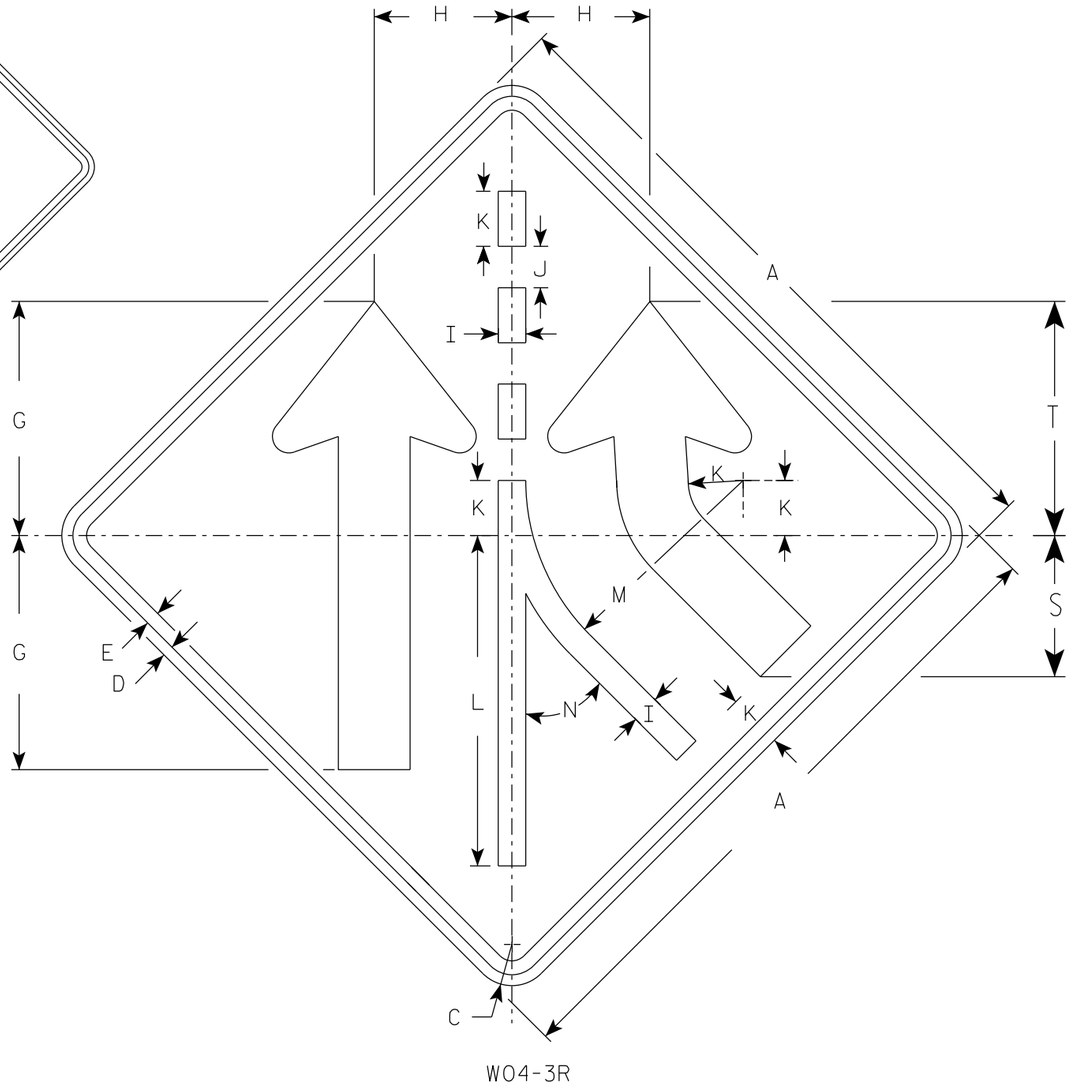
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-1.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 408 E



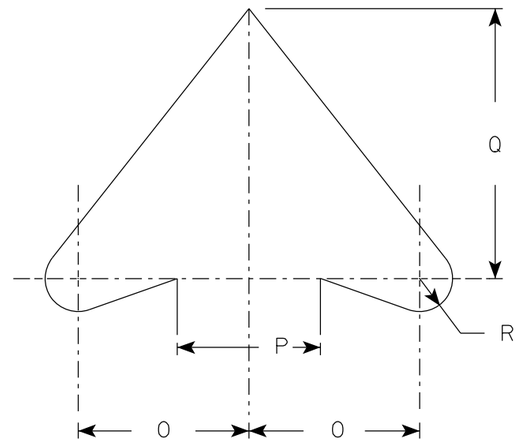
W04-3L



W04-3R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-3L is the same as W04-3R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
2S	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
2M	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
3	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
4	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
5	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0

STANDARD SIGN
W04-3

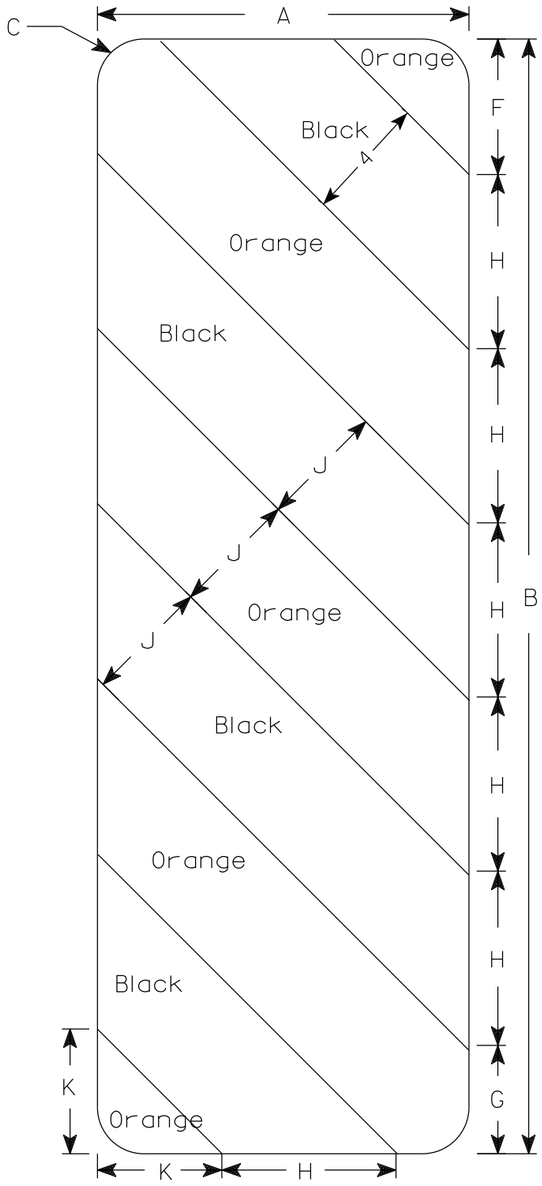
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

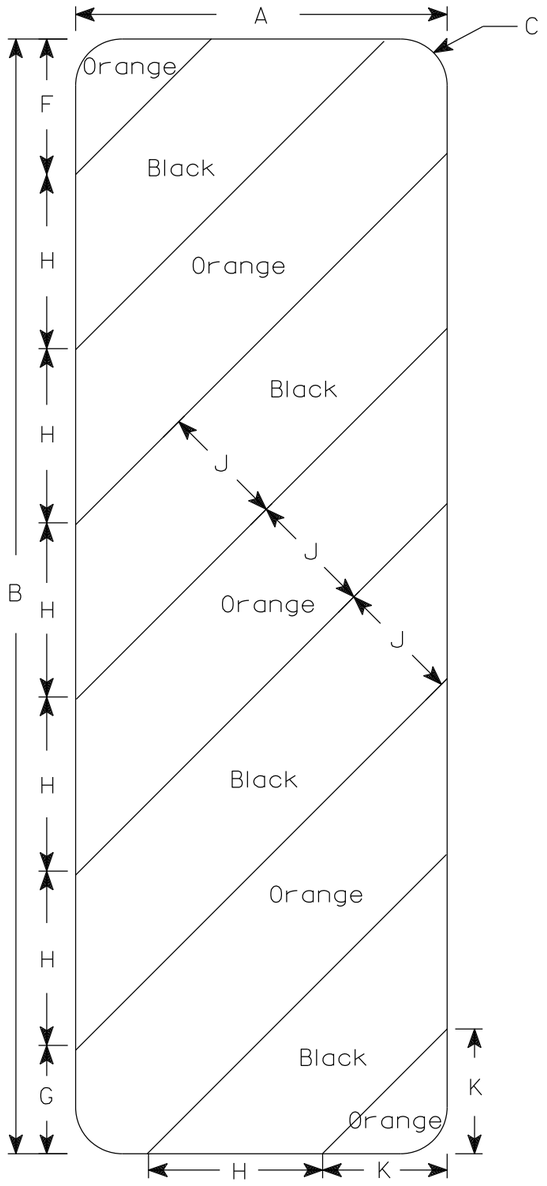
DATE 1/25/2024 PLATE NO. W04-3.2

PROJECT NO:

SHEET NO: 409 E



W05-52L



W05-52R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
4. Alternate colors of stripes as shown.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36	1 1/2			4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36	1 1/2			4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54	1 1/2			6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

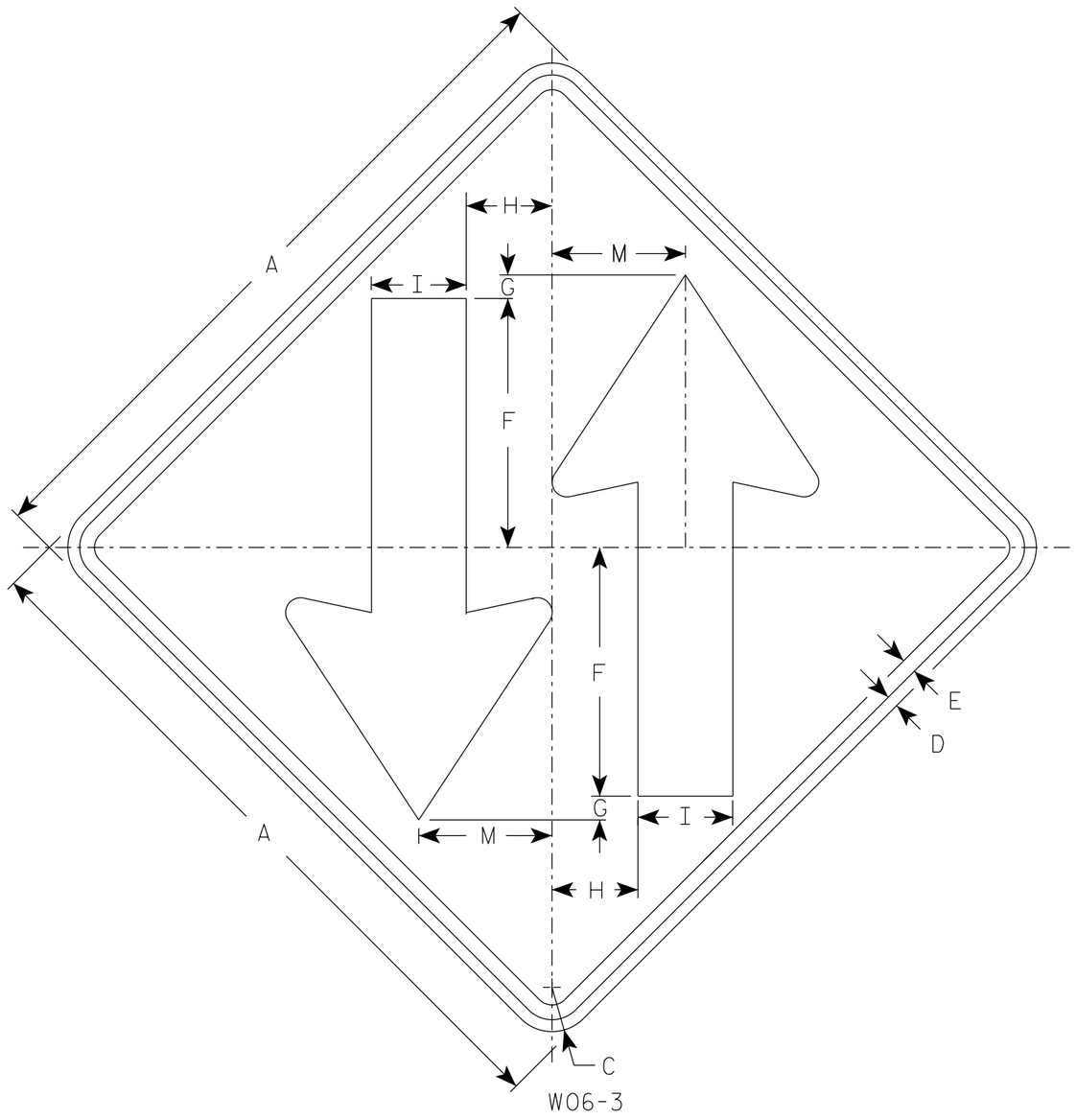
STANDARD SIGN
W05-52L & W05-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/2024 PLATE NO. W05-52.2

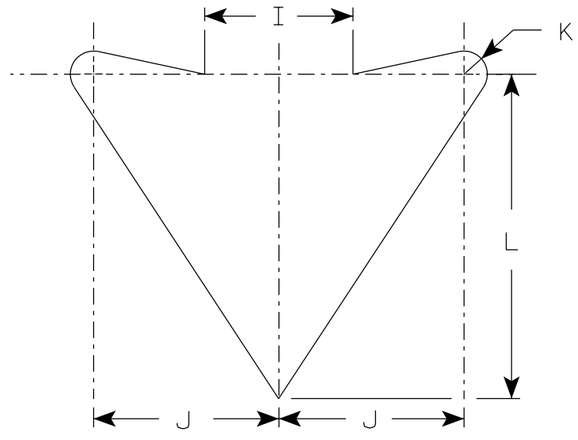
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 410	E



W06-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
2S	48		3	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
2M	48		3	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
3	48		3	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
4	48		3	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
5	48		3	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0

STANDARD SIGN

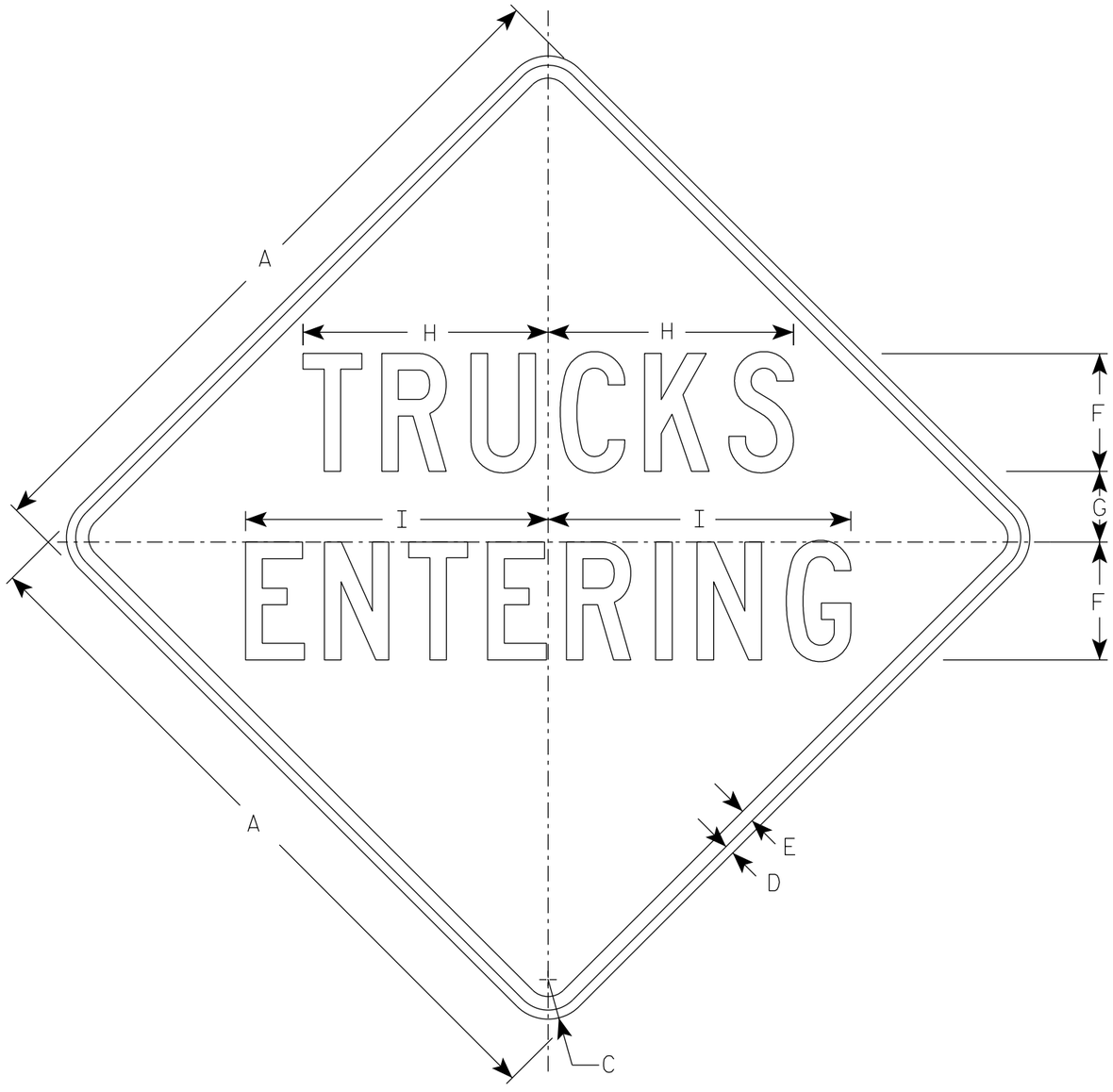
W06-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/30/2024 PLATE NO. W06-3.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 411 | E



W08-6B

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	3 5/8	12 1/2	15 3/8																		9.0
2S	48		3	3/4	1	8	5	16 5/8	20 1/2																		16.0
2M	48		3	3/4	1	8	5	16 5/8	20 1/2																		16.0
3	48		3	3/4	1	8	5	16 5/8	20 1/2																		16.0
4	48		3	3/4	1	8	5	16 5/8	20 1/2																		16.0
5	48		3	3/4	1	8	5	16 5/8	20 1/2																		16.0

STANDARD SIGN
W08-6B

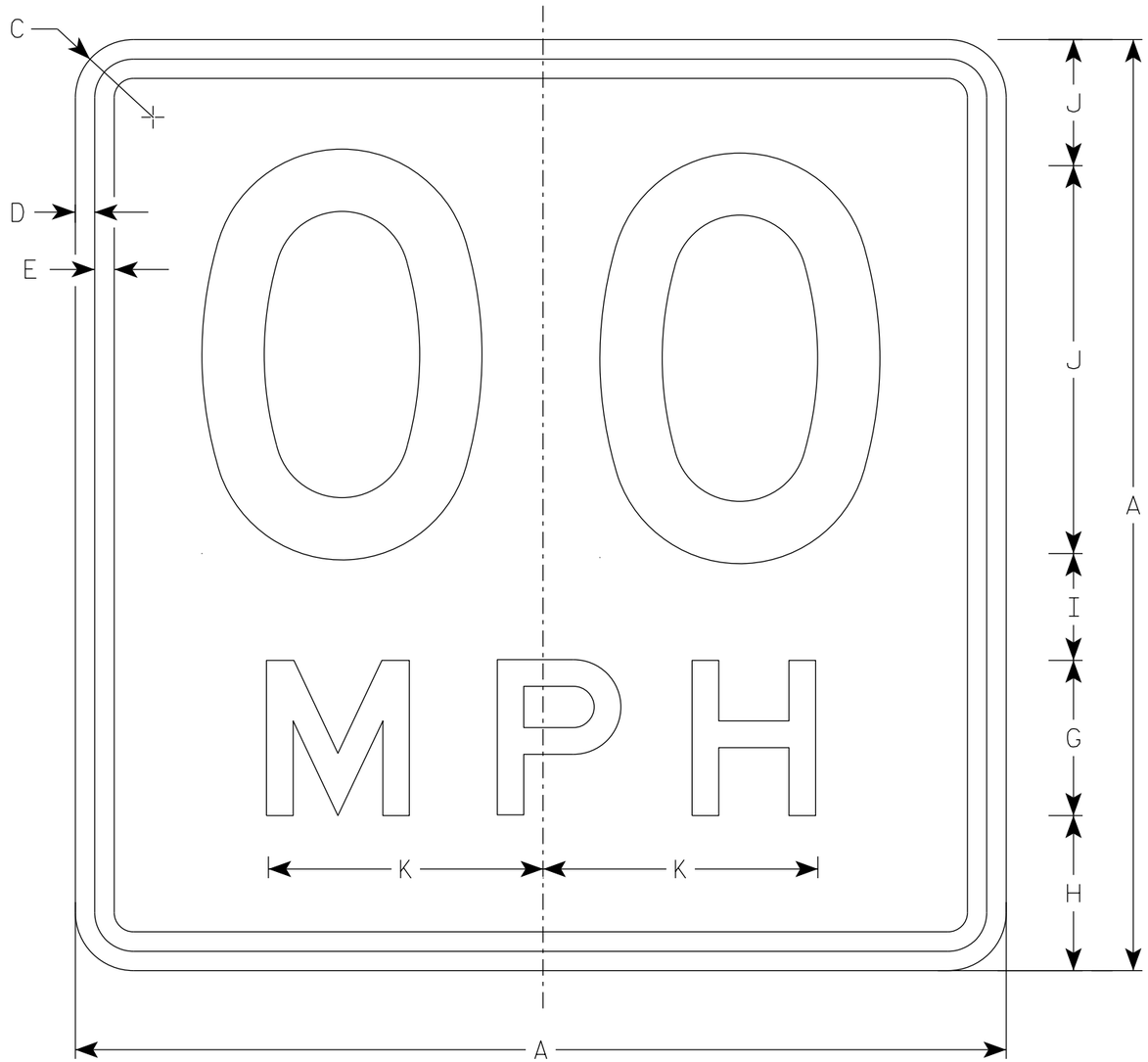
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/31/2024 PLATE NO. W08-6B.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 412 E

7



W013-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.0
2S	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
2M	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
3	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
4	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0
5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.0

STANDARD SIGN

W013-1

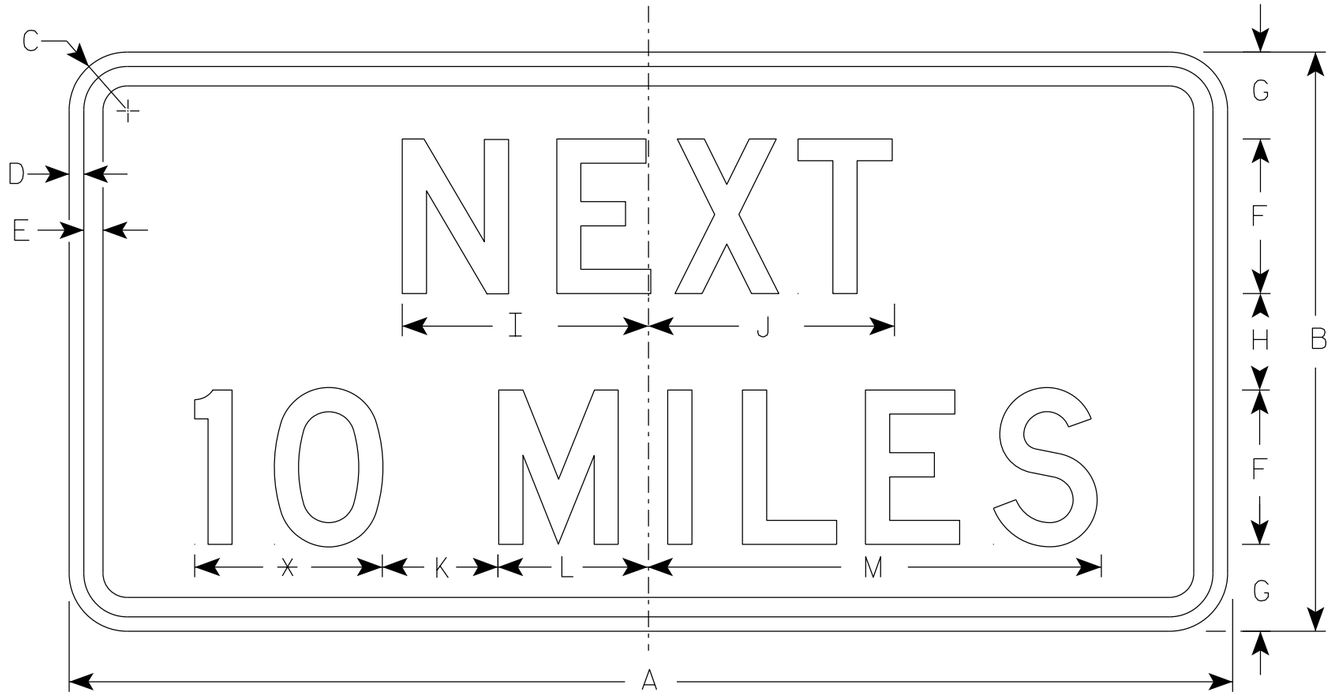
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W013-1.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W0131.dgn PLOT DATE : 1-FEB 2024 9:56 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W057-51

* See note 5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   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. Round distance to the nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	5	2 3/4	2 1/2	7 7/8	8	5	4 1/8	15 3/8														4.5
2S	48	24	1 7/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
2M	48	24	1 7/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
3	48	24	1 7/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
4	48	24	1 7/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
5	48	24	1 7/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0

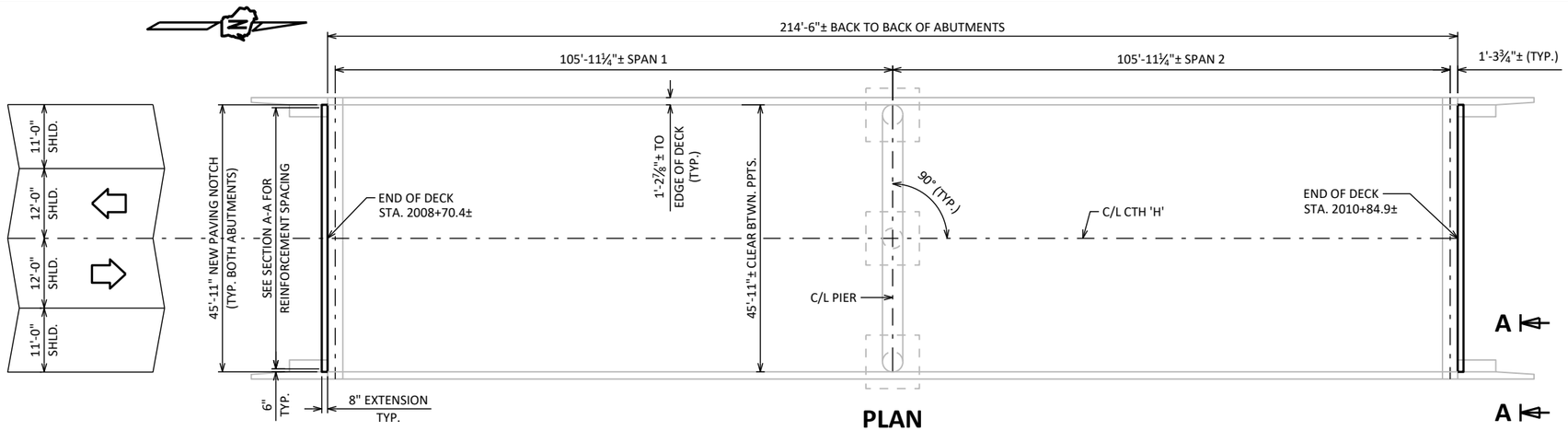
STANDARD SIGN
W057-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

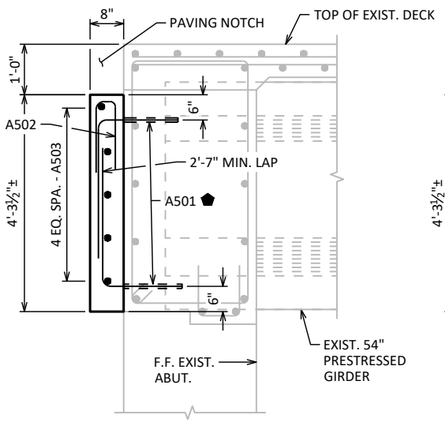
DATE 2/1/2024 PLATE NO. W057-51.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 414	E



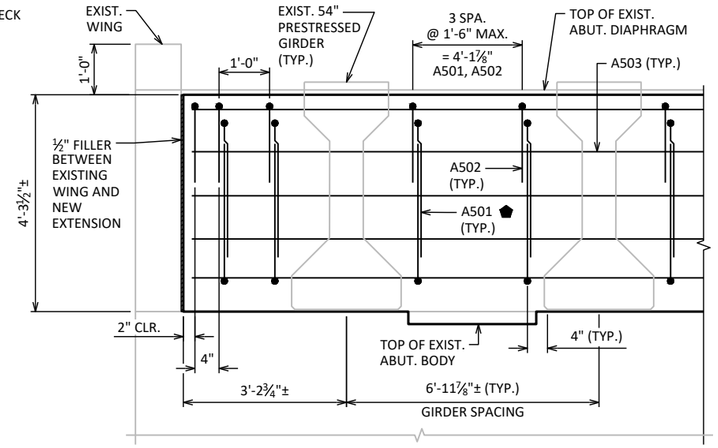
PLAN

EXISTING BRIDGE - 2 SPANS, 54" PRESTRESSED CONCRETE GIRDERS



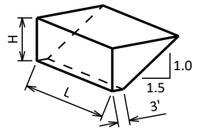
CROSS SECTION

AT S. ABUT. LOOKING WEST - N. ABUT. SIMILAR



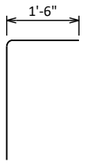
SECTION A-A

BAR SPACING SHOWN IS TYP. BETWEEN ALL GIRDERS AND AT ALL FOUR CORNERS

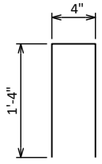


ABUTMENT BACKFILL DIAGRAM

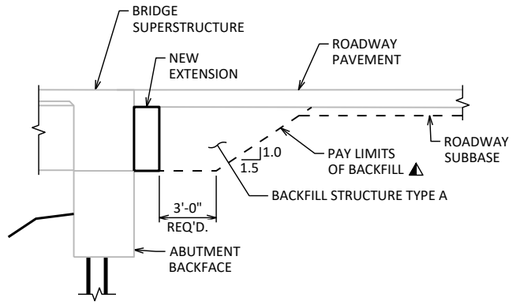
L = OUT TO OUT OF ABUTMENT BODY INCLUDING WINGS (FT)
H = AVERAGE ABUTMENT FILL HEIGHT (FT)
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
V_{CF} = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)
V_{CY} = V_{CF}(EF)/27
V_{TON} = V_{CY}(2.0)



A501



A502



TYPICAL SECTION THRU ABUTMENT

⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
206.1001	EXCAVATION FOR STRUCTURES BRIDGES (B-37-288)	EACH	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	182
502.0100	CONCRETE MASONRY BRIDGES	CY	10
502.3200	PROTECTIVE SURFACE TREATMENT	SY	17
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	112
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1,180
	NON-BID ITEMS		
	FILLER	SIZE	½"

DESIGN DATA

STATE PROJECT NUMBER
1053-07-86

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS-22
OPERATING RATING: HS-42
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

RATINGS TAKEN FROM HSI, 03/13/2025

MATERIAL PROPERTIES:

CONCRETE MASONRY — f'_c = 4,000 PSI

BAR STEEL REINFORCEMENT, GRADE 60 — f_y = 60,000 PSI

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

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

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-37-288" SHALL BE THE EXISTING GROUNDLINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT MODIFICATIONS AND IS NOT OCCUPIED BY THE NEW EXTENSION SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE 1'-0" EXISTING VERTICAL AND 8" NEW HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS. SURFACE PREPARATION OF THE EXISTING VERTICAL SURFACE IS INCLUDED IN THE BID ITEM "PROTECTIVE SURFACE TREATMENT".

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

BILL OF BARS

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

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
⬟ A501	X	112	4'-6"	X		ABUT. EXTENSION - VERT. - ANCHORS
A502	X	60	2'-9"	X		ABUT. EXTENSION - VERT.
A503	X	10	45'-7"			ABUT. EXTENSION - HORIZ.

⬟ ADHESIVE ANCHORS, EMBED 1'-0" INTO EXISTING ABUTMENT DIAPHRAGM. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE.

LIST OF DRAWINGS:

1. ABUTMENT MODIFICATION

TRAFFIC DATA

CTH 'H':
ADT = 3,700 (2046)
R.D.S. = 50 MPH

STH 29:
ADT = 20,400 (2046)
R.D.S. = 70 MPH

STRUCTURE DESIGN CONTACTS:
MICAH BROOKS 608-266-5080
KYLE BUSCH 608-267-0465

NO.	DATE	REVISION	BY

BUREAU OF STRUCTURES

ACCEPTED KHB 6/25/25
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-37-288

CTH 'H' OVER STH 29

COUNTY: MARATHON | TOWN: RIB FALLS

DESIGN SPEC.: REHABILITATION N/A

DESIGNED BY	DESIGN CK'D	DRAWN BY	PLANS CK'D
MWB	VS	MWB	VS

ABUTMENT MODIFICATION

SHEET 1 OF 1
415

I.D. 1053-07-15A DATE: APR. 2025

DIVISION 1 - 97 MAINLINE XO - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9693+57	0	16.8	0.0	0	0	0	0
9694+00	43	16.5	0.0	27	0	27	0
9694+50	50	39.6	0.5	52	0	79	0
9695+00	50	40.5	1.5	74	2	153	3
9695+50	50	40.8	1.4	75	3	228	6
9696+00	50	34.9	0.8	70	2	298	9
9696+50	50	33.3	3.6	63	4	361	14
9697+00	50	38.1	5.4	66	8	427	24
9697+50	50	31.8	4.9	65	10	492	36
9698+00	50	38.5	2.8	65	7	557	45
9698+50	50	37.7	4.0	71	6	628	53
9699+00	50	37.7	7.2	70	10	698	65
9699+50	50	33.1	6.3	66	13	764	81
9700+00	50	36.3	3.8	64	9	828	93
9700+50	50	39.4	6.2	70	9	898	104
9701+00	50	41.4	9.8	75	15	973	123
9701+50	50	31.5	16.5	68	24	1041	153
9702+00	50	84.6	0.0	108	15	1149	171
9702+50	50	36.9	12.3	113	11	1262	185
9703+00	50	39.0	18.9	70	29	1332	221
9703+50	50	41.5	18.3	75	34	1407	264
9704+00	50	43.6	15.1	79	31	1486	303
9704+50	50	44.3	6.4	81	20	1567	328
9705+00	50	40.2	3.2	78	9	1645	339
9705+50	50	45.1	0.3	79	3	1724	343
9706+00	50	46.8	0.5	85	1	1809	344
9706+50	50	42.7	0.9	83	1	1892	345
9707+00	50	26.0	0.4	64	1	1956	346
9707+50	50	27.4	1.5	49	2	2005	349
9708+00	50	28.5	0.9	52	2	2057	351
9708+50	50	27.8	0.8	52	2	2109	354
9709+00	50	23.8	1.9	48	2	2157	356
9709+50	50	21.6	14.0	42	15	2199	375
9710+00	50	19.9	10.1	38	22	2237	403
9710+50	50	19.4	4.7	36	14	2273	420
9711+00	50	19.8	2.2	36	6	2309	428
9711+50	50	24.8	0.2	41	2	2350	430
9712+00	50	30.0	0.0	51	0	2401	430
9712+50	50	36.1	0.0	61	0	2462	430
9713+00	50	44.4	0.0	74	0	2536	430
9713+50	50	53.9	0.0	91	0	2627	430
9714+00	50	39.9	0.3	87	0	2714	430
9714+50	50	44.3	0.0	78	0	2792	430
9715+00	50	43.7	0.0	82	0	2874	430
9715+50	50	41.5	0.0	79	0	2953	430
9716+00	50	35.8	0.0	72	0	3025	430
9716+50	50	22.5	0.0	54	0	3079	430
9717+00	50	19.0	0.0	38	0	3117	430
9717+50	50	12.2	1.7	29	2	3146	433
9718+00	50	3.8	7.2	15	8	3161	443
9718+45	45	0.9	11.6	4	16	3165	463
		COLUMN TOTALS		3,165	370		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 1 - CX XO - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9748+60	0	0.0	10.6	0	0	0	0
9749+00	40	47.3	0.0	35	8	35	10
9749+50	50	74.0	0.0	112	0	147	10
9750+00	50	56.9	0.0	121	0	268	10
9750+50	50	36.4	0.0	86	0	354	10
9750+67	17	30.5	0.6	21	0	375	10
		COLUMN TOTALS		375	8		

DIVISION 1 - CX XO - CX ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9750+72	0	30.5	0.6	0	0	0	0
9751+00	28	27.1	8.7	30	5	30	6
9751+50	50	16.1	8.3	40	16	70	26
9752+00	50	12.9	8.3	27	15	97	45
9752+50	50	7.4	8.8	19	16	116	65
9753+00	50	5.5	18.9	12	26	128	98
9753+50	50	1.1	14.9	6	31	134	136
9754+00	50	1.1	22.2	2	34	136	179
9754+50	50	0.1	22.5	1	41	137	230
9755+00	50	0.1	19.5	0	39	137	279
9755+50	50	1.4	18.2	1	35	138	323
9756+00	50	1.1	14.7	2	30	140	360
9756+50	50	3.9	11.3	5	24	145	390
9757+00	50	8.6	5.2	12	15	157	409
9757+50	50	16.1	0.4	23	5	180	415
9758+00	50	17.0	0.0	31	0	211	415
9758+50	50	17.6	0.0	32	0	243	415
9759+00	50	18.2	0.0	33	0	276	415
9759+50	50	19.1	0.0	35	0	311	415
9760+00	50	18.1	0.1	34	0	345	415
9760+50	50	17.6	0.0	33	0	378	415
9761+00	50	17.6	0.0	33	0	411	415
9761+50	50	17.4	0.0	32	0	443	415
9761+80	30	16.4	0.0	19	0	462	415
		COLUMN TOTALS		462	332		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 1 - HX XO - HX ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10000+84	0	15.0	0.0	0	0	0	0
10001+00	16	14.8	0.0	9	0	9	0
10001+50	50	16.1	0.0	29	0	38	0
10002+00	50	17.1	0.8	31	1	69	1
10002+50	50	16.8	5.4	31	6	100	9
10003+00	50	16.2	7.8	31	12	131	24
10003+50	50	15.5	13.0	29	19	160	48
10004+00	50	18.2	14.4	31	25	191	79
10004+50	50	29.1	0.0	44	13	235	95
10005+00	50	36.7	0.0	61	0	296	95
10005+50	50	17.1	12.4	50	11	346	109
10006+00	50	16.0	14.3	31	25	377	140
10006+50	50	15.9	14.9	30	27	407	174
10007+00	50	15.9	12.5	29	25	436	205
10007+50	50	15.2	17.8	29	28	465	240
10008+00	50	14.7	21.8	28	37	493	286
10008+50	50	20.4	21.8	33	40	526	336
10008+63	13	21.6	21.5	10	10	536	349
10008+73	10	15.7	20.8	7	8	543	359
10008+83	10	23.1	21.6	7	8	550	369
10009+00	17	25.0	19.9	15	13	565	385
10009+50	50	27.0	15.2	48	32	613	425
10010+00	50	26.4	17.6	49	30	662	463
10010+50	50	27.2	23.7	50	38	712	510
10011+00	50	29.9	6.5	53	28	765	545
10011+50	50	32.7	20.1	58	25	823	576
10012+00	50	38.0	0.9	66	19	889	600
10012+50	50	40.2	0.0	72	1	961	601
10013+00	50	49.0	0.0	83	0	1044	601
10013+50	50	49.3	0.0	91	0	1135	601
10014+00	50	45.4	0.0	88	0	1223	601
10014+50	50	48.2	0.1	87	0	1310	601
10015+00	50	47.6	0.1	89	0	1399	601
10015+50	50	42.9	0.0	84	0	1483	601
10016+00	50	55.5	0.0	91	0	1574	601
10016+50	50	37.6	9.2	86	9	1660	613
10017+00	50	33.8	12.1	66	20	1726	638
10017+47	47	19.0	15.3	46	24	1772	668
		COLUMN TOTALS		1,772	534		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 1 - HX XO - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10017+50	0	18.9	15.2	0	0	0	0
10018+00	50	18.2	13.9	34	27	34	34
10018+50	50	18.5	11.4	34	23	68	63
10019+00	50	18.8	9.3	35	19	103	86
10019+50	50	19.3	8.9	35	17	138	108
10020+00	50	18.8	9.2	35	17	173	129
10020+50	50	17.4	10.7	34	18	207	151
10021+00	50	15.7	11.6	31	21	238	178
10021+50	50	16.9	11.9	30	22	268	205
10022+00	50	19.8	6.8	34	17	302	226
10022+50	50	17.3	8.0	34	14	336	244
10023+00	50	22.6	0.0	37	7	373	253
10023+50	50	25.0	0.0	44	0	417	253
10024+00	50	26.0	0.0	47	0	464	253
10024+50	50	29.8	0.0	52	0	516	253
10025+00	50	25.5	0.0	51	0	567	253
10025+50	50	21.8	0.0	44	0	611	253
10026+00	50	18.8	0.0	38	0	649	253
10026+03	3	18.7	0.0	2	0	651	253
		COLUMN TOTALS		651	202		

DIVISION 1 - GX XO - GX ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10050+00	0	8.8	0.0	0	0	0	0
10050+50	50	9.5	0.4	17	0	17	0
10051+00	50	9.4	6.4	17	6	34	8
10051+50	50	8.8	15.0	17	20	51	33
10052+00	50	5.6	21.5	13	34	64	75
10052+50	50	1.0	30.9	6	48	70	135
10053+00	50	0.0	41.0	1	67	71	219
10053+50	50	0.0	46.1	0	81	71	320
10054+00	50	0.0	50.2	0	89	71	431
10054+50	50	0.3	55.6	0	98	71	554
10055+00	50	0.9	48.0	1	96	72	674
10055+50	50	1.4	34.0	2	76	74	769
10056+00	50	8.9	17.3	10	48	84	829
10056+50	50	9.9	8.5	17	24	101	859
10057+00	50	10.8	3.2	19	11	120	873
10057+50	50	12.5	0.0	22	3	142	876
10058+00	50	8.8	2.8	20	3	162	880
10058+50	50	9.4	4.9	17	7	179	889
10059+00	50	8.2	1.8	16	6	195	896
10059+50	50	11.1	0.0	18	2	213	899
10060+00	50	11.0	0.0	20	0	233	899
10060+50	50	10.0	0.0	19	0	252	899
10060+74	24	10.5	0.0	9	0	261	899
		COLUMN TOTALS		261	719		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 1 - 87 MAINLINE XO - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10265+00	0	0.8	2.0	0	0	0	0
10265+50	50	0.4	11.7	1	13	1	16
10266+00	50	14.1	4.3	13	15	14	35
10266+50	50	14.5	8.0	26	11	40	49
10267+00	50	17.1	11.2	29	18	69	71
10267+50	50	20.6	17.8	35	27	104	105
10268+00	50	30.4	21.5	47	36	151	150
10268+50	50	28.7	21.5	55	40	206	200
10269+00	50	18.1	25.2	43	43	249	254
10269+50	50	18.3	25.1	34	47	283	313
10270+00	50	17.7	25.5	33	47	316	371
10270+50	50	17.9	28.7	33	50	349	434
10271+00	50	18.1	32.1	33	56	382	504
10271+50	50	17.9	28.6	33	56	415	574
10272+00	50	17.8	28.8	33	53	448	640
10272+50	50	17.9	32.5	33	57	481	711
10273+00	50	18.7	27.3	34	55	515	780
10273+50	50	19.6	29.7	35	53	550	846
10274+00	50	18.5	32.3	35	57	585	918
10274+50	50	17.6	29.5	33	57	618	989
10275+00	50	17.4	29.0	32	54	650	1056
10275+50	50	17.9	28.2	33	53	683	1123
10276+00	50	18.4	28.4	34	52	717	1188
10276+50	50	17.7	29.2	33	53	750	1254
10277+00	50	17.6	28.6	33	54	783	1321
10277+50	50	17.9	29.5	33	54	816	1389
10278+00	50	19.0	24.6	34	50	850	1451
10278+50	50	19.7	21.6	36	43	886	1505
10279+00	50	20.0	22.6	37	41	923	1556
10279+50	50	19.3	28.7	36	47	959	1615
10280+00	50	18.6	27.2	35	52	994	1680
10280+50	50	18.0	30.9	34	54	1028	1748
10281+00	50	19.9	15.4	35	43	1063	1801
10281+50	50	18.1	20.2	35	33	1098	1843
10282+00	50	17.6	18.5	33	36	1131	1888
10282+50	50	17.9	18.3	33	34	1164	1930
10283+00	50	18.3	16.9	34	33	1198	1971
10283+50	50	19.8	14.7	35	29	1233	2008
10284+00	50	10.1	6.1	28	19	1261	2031
10284+50	50	10.2	4.2	19	10	1280	2044
10285+00	50	9.7	4.6	18	8	1298	2054
10285+50	50	9.5	4.5	18	8	1316	2064
10286+00	50	9.1	6.7	17	10	1333	2076
10286+50	50	9.9	4.1	18	10	1351	2089
10286+64	14	10.4	1.2	5	1	1356	2090
		COLUMN TOTALS		1,356	1,672		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 2 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9707+00	0	123.2	0.2	0	0	0	0
9708+00	100	125.3	0.2	460	1	460	1
9709+00	100	124.6	0.2	463	1	923	3
9710+00	100	139.5	0.0	489	0	1412	3
9711+00	100	131.8	0.8	502	2	1914	5
9712+00	100	129.2	0.0	483	2	2397	8
9713+00	100	128.9	0.0	478	0	2875	8
9714+00	100	124.4	0.0	469	0	3344	8
9715+00	100	121.9	0.0	456	0	3800	8
9716+00	100	124.3	0.0	456	0	4256	8
9717+00	100	131.6	0.0	474	0	4730	8
9718+00	100	141.0	0.0	505	0	5235	8
9720+00	200	150.2	0.0	1078	0	6313	8
9721+00	100	153.9	0.0	563	0	6876	8
9722+00	100	157.1	0.0	576	0	7452	8
9723+00	100	167.9	0.0	602	0	8054	8
9724+00	100	168.7	0.0	623	0	8677	8
9724+96	96	192.8	0.1	643	0	9320	8
9725+00	4	102.4	0.0	22	0	9342	8
9726+00	100	122.7	0.0	417	0	9759	8
9727+00	100	130.5	0.1	469	0	10228	8
9728+00	100	123.6	0.0	471	0	10699	8
9729+00	100	123.6	0.0	458	0	11157	8
9730+00	100	120.3	0.0	452	0	11609	8
9731+00	100	122.1	0.0	449	0	12058	8
9732+00	100	128.1	0.0	463	0	12521	8
9733+00	100	125.5	0.9	470	2	12991	10
9734+00	100	121.9	0.2	458	2	13449	13
9735+00	100	123.6	0.0	455	0	13904	13
9736+00	100	132.2	0.2	474	0	14378	13
9737+00	100	123.5	0.2	474	1	14852	14
9738+00	100	121.5	0.0	454	0	15306	14
9739+00	100	122.8	0.0	452	0	15758	14
9740+00	100	133.0	0.0	474	0	16232	14
9741+00	100	118.0	0.0	465	0	16697	14
9742+00	100	109.0	0.2	420	0	17117	14
9743+00	100	107.4	0.1	401	0	17518	14
9744+00	100	105.5	0.6	394	1	17912	15
9745+00	100	109.0	0.5	397	2	18309	18
9746+00	100	145.4	0.0	471	1	18780	19
9747+00	100	107.5	0.0	468	0	19248	19
9747+52	52	208.1	0.0	303	0	19551	19
9748+00	48	178.1	5.6	345	5	19896	25
9749+00	100	152.6	0.0	612	10	20508	38
9750+00	100	138.5	0.0	539	0	21047	38
9751+00	100	131.0	3.1	499	6	21546	45
9752+00	100	131.5	0.0	486	6	22032	53
9753+00	100	130.1	29.7	484	55	22516	121
9754+00	100	117.9	20.8	459	93	22975	238
9755+00	100	122.4	0.4	445	39	23420	286

NOTES:
1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 2 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25
9756+00	100	119.3	0.2	448	1	23868	288
9757+00	100	119.4	0.1	442	0	24310	288
9758+00	100	114.5	0.0	433	0	24743	288
9759+00	100	110.8	0.3	417	1	25160	289
9760+00	100	109.3	0.7	408	2	25568	291
9761+00	100	112.4	0.6	411	3	25979	295
9762+00	100	113.6	0.7	418	2	26397	298
9763+00	100	117.1	0.2	427	2	26824	300
9764+00	100	121.4	0.0	442	0	27266	300
9765+00	100	123.1	0.0	453	0	27719	300
9766+00	100	123.2	0.0	456	0	28175	300
9767+00	100	122.0	0.2	454	0	28629	300
9768+00	100	121.8	0.4	452	1	29081	301
9769+00	100	121.5	1.3	451	3	29532	305
9770+00	100	140.0	5.3	484	12	30016	320
9770+75	75	130.5	0.0	376	7	30392	329
9771+00	25	129.4	0.0	120	0	30512	329
9772+00	100	141.9	10.4	502	19	31014	353
9773+00	100	132.9	1.4	509	22	31523	380
9774+00	100	118.1	0.8	465	4	31988	385
9775+00	100	115.2	0.0	432	1	32420	386
9776+00	100	115.8	0.0	428	0	32848	386
9777+00	100	112.9	0.2	423	0	33271	386
9778+00	100	110.6	0.0	414	0	33685	386
9779+00	100	113.1	0.0	414	0	34099	386
9780+00	100	112.9	0.0	419	0	34518	386
9781+00	100	111.5	0.0	416	0	34934	386
9782+00	100	110.0	0.0	410	0	35344	386
9783+00	100	107.4	0.0	402	0	35746	386
9784+00	100	112.5	0.0	407	0	36153	386
9785+00	100	108.7	0.0	409	0	36562	386
9786+00	100	110.7	0.0	406	0	36968	386
9787+00	100	116.1	0.0	420	0	37388	386
9788+00	100	115.4	0.0	429	0	37817	386
9789+00	100	115.6	0.0	428	0	38245	386
9790+00	100	112.4	0.0	422	0	38667	386
9791+00	100	114.7	0.0	421	0	39088	386
9792+00	100	112.6	0.0	421	0	39509	386
9793+00	100	116.1	0.0	424	0	39933	386
9794+00	100	110.6	0.0	420	0	40353	386
9795+00	100	110.3	0.1	409	0	40762	386
9796+00	100	113.6	0.0	415	0	41177	386
9797+00	100	113.2	0.0	420	0	41597	386
9798+00	100	114.3	0.0	421	0	42018	386
9799+00	100	111.0	0.0	417	0	42435	386
9800+00	100	113.5	0.0	416	0	42851	386
		COLUMN TOTALS		42,851	309		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 2 - RAMP A - A ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9727+97	0	47.7	0.0	0	0	0	0
9729+00	103	40.2	0.3	168	1	168	1
9730+00	100	40.7	0.1	150	1	318	3
9731+00	100	43.0	0.0	155	0	473	3
9732+00	100	42.3	0.0	158	0	631	3
9733+00	100	39.1	0.1	151	0	782	3
9734+00	100	45.4	0.0	156	0	938	3
9735+05	105	58.6	0.0	203	0	1141	3
		COLUMN TOTALS		1,141	2		

DIVISION 2 - RAMP B - B ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9736+17	0	43.6	0.0	0	0	0	0
9737+00	83	43.6	0.0	134	0	134	0
9738+00	100	43.6	0.0	161	0	295	0
9739+00	100	44.1	0.0	162	0	457	0
9740+00	100	43.2	0.0	162	0	619	0
9741+00	100	44.2	0.0	162	0	781	0
9742+00	100	44.4	0.0	164	0	945	0
9743+00	100	45.7	0.0	167	0	1112	0
9744+00	100	44.9	0.1	168	0	1280	0
9745+00	100	39.9	1.1	157	2	1437	3
9745+45	45	42.5	0.2	68	1	1505	4
		COLUMN TOTALS		1,505	3		

DIVISION 2 - RAMP C - C ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9735+76	0	46.9	0.1	0	0	0	0
9736+00	24	44.2	0.4	40	0	40	0
9737+00	100	48.9	0.0	172	1	212	1
9738+00	100	45.9	0.1	175	0	387	1
9739+00	100	49.9	0.0	177	0	564	1
9740+00	100	47.6	0.0	181	0	745	1
9741+00	100	49.8	0.0	180	0	925	1
9742+00	100	51.0	0.0	187	0	1112	1
9743+00	100	44.6	0.1	177	0	1289	1
9744+00	100	39.8	0.9	156	2	1445	4
9745+00	100	41.7	0.3	151	2	1596	6
9746+00	100	42.8	0.0	156	0	1752	6
9747+00	100	85.0	0.0	237	0	1989	6
9747+50	50	88.6	0.0	162	0	2151	6
		COLUMN TOTALS		2,151	5		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 2 - RAMP D - D ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9725+00	0	70.1	0.0	0	0	0	0
9726+00	100	50.2	0.0	223	0	223	0
9727+00	100	51.0	0.3	187	1	410	1
9728+00	100	43.7	0.0	175	1	585	3
9729+00	100	45.5	0.0	165	0	750	3
9730+00	100	46.8	0.0	171	0	921	3
9731+00	100	42.5	0.5	165	1	1086	4
9732+00	100	43.9	0.0	160	1	1246	5
9733+00	100	44.6	0.1	164	0	1410	5
9734+00	100	47.4	0.1	171	0	1581	5
9734+82	82	59.3	0.0	162	0	1743	5
		COLUMN TOTALS		1,743	4		

DIVISION 2 - STH 97 - INTERCHANGE - STH 97 ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
1022+08	0	50.0	0.0	0	0	0	0
1022+50	42	38.9	0.0	68	0	68	0
1022+69	19	36.8	0.0	27	0	95	0
1022+93	23	91.0	0.0	55	0	150	0
1022+96	3	84.3	0.0	9	0	159	0
1023+00	5	77.0	0.0	13	0	172	0
1023+18	18	59.8	2.5	46	1	218	1
1023+20	2	60.0	3.7	6	0	224	1
1023+43	22	57.5	20.4	49	10	273	14
1023+45	3	57.9	18.5	6	2	279	16
1023+50	5	58.4	19.2	10	3	289	20
1023+85	35	54.1	96.9	72	75	361	114
1026+30	0	60.5	96.4	0	0	361	114
1026+50	20	61.9	40.7	45	50	406	176
1026+66	16	61.7	20.1	37	18	443	199
1026+69	3	61.5	19.7	6	2	449	201
1026+91	22	66.2	1.0	53	9	502	213
1026+94	3	67.0	0.4	7	0	509	213
1027+00	6	70.4	0.6	16	0	525	213
1027+16	16	80.9	0.0	45	0	570	213
1027+19	3	83.0	0.0	8	0	578	213
1027+25	7	39.3	0.0	15	0	593	213
1027+50	25	43.2	0.0	38	0	631	213
1027+74	24	45.1	0.0	40	0	671	213
1028+00	26	47.5	0.0	44	0	715	213
		COLUMN TOTALS		715	170		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9800+00	0	113.5	0.0	0	0	0	0
9801+00	100	115.8	0.0	425	0	425	0
9802+00	100	122.3	0.2	441	0	866	0
9803+00	100	99.1	0.0	410	0	1276	0
9803+25	25	100.1	0.0	92	0	1368	0
9804+00	75	122.9	0.3	310	0	1678	0
9805+00	100	126.1	0.0	461	1	2139	1
9806+00	100	122.0	0.0	459	0	2598	1
9807+00	100	120.9	0.0	450	0	3048	1
9808+00	100	121.0	0.0	448	0	3496	1
9809+00	100	118.8	0.0	444	0	3940	1
9810+00	100	115.7	0.0	434	0	4374	1
9811+00	100	110.8	0.0	420	0	4794	1
9812+00	100	110.2	0.0	409	0	5203	1
9813+00	100	111.7	0.0	411	0	5614	1
9814+00	100	117.0	0.0	424	0	6038	1
9815+00	100	120.7	0.0	440	0	6478	1
9816+00	100	123.8	0.0	453	0	6931	1
9817+00	100	120.7	0.3	453	1	7384	3
9818+00	100	124.1	0.0	453	1	7837	4
9819+00	100	120.2	0.0	452	0	8289	4
9820+00	100	116.5	0.0	438	0	8727	4
9821+00	100	120.2	0.0	438	0	9165	4
9822+00	100	119.5	0.0	444	0	9609	4
9823+00	100	131.8	0.0	465	0	10074	4
9823+50	50	123.3	0.0	236	0	10310	4
9823+50	0	0.0	0.0	0	0	10310	4
9824+00	50	128.3	0.0	119	0	10429	4
9825+00	100	137.7	0.6	493	1	10922	5
9826+00	100	132.4	0.0	500	1	11422	6
9827+00	100	123.2	0.0	473	0	11895	6
9828+00	100	127.0	0.0	463	0	12358	6
9829+00	100	125.8	0.0	468	0	12826	6
9829+45	45	121.1	0.0	206	0	13032	6
9830+00	55	125.2	0.0	251	0	13283	6
9831+00	100	121.5	0.0	457	0	13740	6
9832+00	100	120.3	0.0	448	0	14188	6
9833+00	100	121.6	0.0	448	0	14636	6
9834+00	100	122.4	0.0	452	0	15088	6
9835+00	100	123.9	0.0	456	0	15544	6
9836+00	100	123.2	0.0	458	0	16002	6
9837+00	100	120.0	0.0	450	0	16452	6
9838+00	100	120.0	0.0	444	0	16896	6
9839+00	100	118.1	0.0	441	0	17337	6
9840+00	100	117.8	0.0	437	0	17774	6
9841+00	100	97.3	0.0	398	0	18172	6
9841+13	13	97.5	0.0	47	0	18219	6
9842+00	87	116.0	0.0	343	0	18562	6
9843+00	100	114.5	0.0	427	0	18989	6
9844+00	100	110.7	0.0	417	0	19406	6

NOTES:
1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9846+00	100	116.8	0.0	421	0	20237	6
9847+00	100	111.5	0.0	423	0	20660	6
9848+00	100	109.9	0.0	410	0	21070	6
9849+00	100	109.2	0.0	406	0	21476	6
9850+00	100	112.3	0.0	410	0	21886	6
9851+00	100	113.0	0.0	417	0	22303	6
9852+00	100	107.2	0.0	408	0	22711	6
9853+00	100	108.4	0.0	399	0	23110	6
9854+00	100	114.1	0.0	412	0	23522	6
9855+00	100	116.1	0.0	426	0	23948	6
9856+00	100	114.4	0.0	427	0	24375	6
9857+00	100	116.1	0.0	427	0	24802	6
9858+00	100	117.7	0.0	433	0	25235	6
9859+00	100	117.1	0.0	435	0	25670	6
9860+00	100	122.1	0.0	443	0	26113	6
9861+00	100	123.8	0.0	455	0	26568	6
9862+00	100	126.2	0.0	463	0	27031	6
9863+00	100	130.4	0.0	475	0	27506	6
9864+00	100	120.8	0.0	465	0	27971	6
9865+00	100	119.0	0.0	444	0	28415	6
9866+00	100	120.9	0.0	444	0	28859	6
9867+00	100	124.1	0.0	454	0	29313	6
9868+00	100	121.5	0.0	455	0	29768	6
9869+00	100	121.2	0.0	449	0	30217	6
9870+00	100	121.9	0.0	450	0	30667	6
9871+00	100	125.5	0.0	458	0	31125	6
9872+00	100	125.6	0.0	465	0	31590	6
9873+00	100	121.1	0.0	457	0	32047	6
9874+00	100	116.0	0.0	439	0	32486	6
9875+00	100	121.5	0.0	440	0	32926	6
9876+00	100	129.9	0.0	465	0	33391	6
9876+26	26	131.2	0.0	123	0	33514	6
9877+00	74	144.6	0.0	380	0	33894	6
9878+00	100	151.6	0.0	548	0	34442	6
9879+00	100	151.1	0.0	561	0	35003	6
9880+00	100	152.9	0.0	563	0	35566	6
9881+00	100	137.8	0.0	538	0	36104	6
9882+00	100	120.7	0.0	479	0	36583	6
9883+00	100	119.4	0.0	445	0	37028	6
9884+00	100	118.1	0.0	440	0	37468	6
9885+00	100	115.9	0.0	433	0	37901	6
9886+00	100	112.0	0.0	422	0	38323	6
9887+00	100	110.5	0.1	412	0	38735	6
9888+00	100	109.3	0.0	407	0	39142	6
9889+00	100	109.4	0.2	405	0	39547	6
9890+00	100	109.4	0.2	405	1	39952	8
9891+00	100	106.7	0.5	400	1	40352	9
9892+00	100	112.3	0.0	406	1	40758	10
9893+00	100	106.2	0.0	405	0	41163	10

NOTES:
1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9895+00	100	115.7	0.0	422	0	41989	10
9896+00	100	118.9	0.0	434	0	42423	10
9897+00	100	121.2	0.0	445	0	42868	10
9898+00	100	128.9	0.0	463	0	43331	10
9899+00	100	134.8	0.0	488	0	43819	10
9899+73	73	115.9	0.0	340	0	44159	10
9900+00	27	126.4	0.0	120	0	44279	10
9901+00	100	140.7	0.0	495	0	44774	10
9902+00	100	138.5	0.0	517	0	45291	10
9903+00	100	132.2	0.0	501	0	45792	10
9904+00	100	139.0	0.0	502	0	46294	10
9905+00	100	128.4	0.0	495	0	46789	10
9906+00	100	115.5	2.7	452	5	47241	16
9907+00	100	114.3	0.0	425	5	47666	23
9908+00	100	121.1	0.0	436	0	48102	23
9909+00	100	123.6	0.0	453	0	48555	23
9910+00	100	131.1	0.0	472	0	49027	23
9910+33	33	120.5	0.0	155	0	49182	23
9911+00	67	131.6	0.0	311	0	49493	23
9912+00	100	136.3	0.0	496	0	49989	23
9913+00	100	130.6	0.0	494	0	50483	23
9914+00	100	128.3	0.0	479	0	50962	23
9915+00	100	115.3	0.0	451	0	51413	23
9916+00	100	113.8	0.0	424	0	51837	23
9917+00	100	111.1	0.0	417	0	52254	23
9918+00	100	116.6	0.0	422	0	52676	23
9919+00	100	124.5	0.0	446	0	53122	23
9920+00	100	124.5	0.0	461	0	53583	23
9921+00	100	125.0	0.0	462	0	54045	23
9922+00	100	117.8	0.0	450	0	54495	23
9922+09	9	118.0	0.0	41	0	54536	23
9923+00	91	124.2	0.0	407	0	54943	23
9924+00	100	118.8	0.0	450	0	55393	23
9925+00	100	122.1	0.0	446	0	55839	23
9926+00	100	129.2	0.0	465	0	56304	23
9927+00	100	114.6	0.0	452	0	56756	23
9928+00	100	126.6	0.0	447	0	57203	23
9929+00	100	128.8	0.0	473	0	57676	23
9930+00	100	144.7	0.0	507	0	58183	23
9931+00	100	145.6	0.0	537	0	58720	23
9932+00	100	134.5	0.0	519	0	59239	23
9933+00	100	121.2	0.0	474	0	59713	23
9934+00	100	123.4	0.0	453	0	60166	23
9935+00	100	122.4	0.0	455	0	60621	23
9936+00	100	122.5	0.0	453	0	61074	23
9937+00	100	128.8	0.0	465	0	61539	23
9938+00	100	133.0	0.0	485	0	62024	23
9939+00	100	132.2	0.0	491	0	62515	23
9940+00	100	126.5	0.0	479	0	62994	23

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9942+00	100	128.9	0.0	472	0	63934	23
9943+00	100	122.2	0.0	465	0	64399	23
9944+00	100	116.6	0.0	442	0	64841	23
9945+00	100	112.2	0.0	424	0	65265	23
9946+00	100	115.0	0.0	421	0	65686	23
9947+00	100	118.0	0.0	431	0	66117	23
9948+00	100	116.2	0.0	434	0	66551	23
9949+00	100	119.8	0.0	437	0	66988	23
9950+00	100	117.9	0.0	440	0	67428	23
9951+00	100	114.3	0.0	430	0	67858	23
9952+00	100	115.0	0.0	425	0	68283	23
9953+00	100	124.2	0.0	443	0	68726	23
9954+00	100	128.0	0.0	467	0	69193	23
9955+00	100	137.4	0.0	492	0	69685	23
9955+14	14	138.0	0.0	72	0	69757	23
9956+00	86	158.5	0.0	472	0	70229	23
9957+00	100	163.4	0.3	596	0	70825	23
9958+00	100	154.1	3.7	588	7	71413	31
9959+00	100	122.4	0.0	512	7	71925	40
9960+00	100	112.3	0.0	435	0	72360	40
9961+00	100	119.2	0.0	429	0	72789	40
9962+00	100	110.7	0.0	426	0	73215	40
9963+00	100	107.8	0.0	405	0	73620	40
9964+00	100	109.6	0.0	403	0	74023	40
9965+00	100	109.2	0.0	405	0	74428	40
9966+00	100	108.5	0.0	403	0	74831	40
9967+00	100	112.0	0.0	408	0	75239	40
9968+00	100	114.2	0.0	419	0	75658	40
9969+00	100	120.1	0.0	434	0	76092	40
9970+00	100	113.8	0.0	433	0	76525	40
9971+00	100	118.1	0.0	429	0	76954	40
9972+00	100	116.6	0.0	435	0	77389	40
9973+00	100	117.9	0.0	434	0	77823	40
9974+00	100	121.1	0.0	443	0	78266	40
9974+64	64	104.5	0.0	266	0	78532	40
9975+00	36	104.6	0.0	141	0	78673	40
9976+00	100	123.0	0.0	422	0	79095	40
9977+00	100	126.0	0.0	461	0	79556	40
9978+00	100	123.7	0.0	462	0	80018	40
9979+00	100	123.8	0.0	458	0	80476	40
9980+00	100	122.0	0.0	455	0	80931	40
9981+00	100	118.8	0.0	446	0	81377	40
9982+00	100	118.7	0.0	440	0	81817	40
9983+00	100	119.5	0.0	441	0	82258	40
9984+00	100	119.7	0.0	443	0	82701	40
9985+00	100	121.0	0.0	446	0	83147	40
9986+00	100	117.1	0.0	441	0	83588	40
9987+00	100	117.8	0.0	435	0	84023	40
9988+00	100	118.2	0.0	437	0	84460	40

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9990+00	100	116.4	0.0	428	0	85319	40
9991+00	100	119.2	0.0	436	0	85755	40
9992+00	100	121.7	0.0	446	0	86201	40
9993+00	100	121.0	0.0	450	0	86651	40
9994+00	100	121.5	0.0	449	0	87100	40
9995+00	100	121.6	0.0	450	0	87550	40
9996+00	100	119.5	0.0	447	0	87997	40
9997+00	100	119.5	0.0	443	0	88440	40
9998+00	100	118.7	0.0	441	0	88881	40
9999+00	100	121.3	0.0	444	0	89325	40
10000+00	100	117.6	0.0	442	0	89767	40
10001+00	100	118.4	0.0	437	0	90204	40
10002+00	100	119.1	0.0	440	0	90644	40
10003+00	100	118.6	0.0	440	0	91084	40
10004+00	100	116.4	0.0	435	0	91519	40
10004+80	80	98.0	0.0	319	0	91838	40
10005+00	20	107.5	0.0	75	0	91913	40
10006+00	100	122.9	0.0	427	0	92340	40
10007+00	100	124.3	0.0	458	0	92798	40
10008+00	100	120.7	0.0	454	0	93252	40
10009+00	100	117.4	0.0	441	0	93693	40
10010+00	100	118.2	0.0	436	0	94129	40
10011+00	100	120.6	0.0	442	0	94571	40
10012+00	100	124.9	0.0	455	0	95026	40
10013+00	100	125.91	0.0	464	0	95490	40
10014+00	100	128.03	0.0	470	0	95960	40
10015+00	100	141.21	0.0	499	0	96459	40
10016+00	100	137.69	0.0	516	0	96975	40
10017+00	100	140.66	0.0	515	0	97490	40
10018+00	100	142.17	0.0	524	0	98014	40
10019+00	100	143.96	0.0	530	0	98544	40
10020+00	100	146.68	0.0	538	0	99082	40
10021+00	100	149.87	0.0	549	0	99631	40
10022+00	100	155.91	0.0	566	0	100197	40
10022+86	86	171.40	0.0	522	0	100719	40
10023+00	14	93.53	0.0	68	0	100787	40
10024+00	100	118.65	0.0	393	0	101180	40
10025+00	100	111.32	0.0	426	0	101606	40
10026+00	100	109.15	0.0	408	0	102014	40
10027+00	100	122.09	0.0	428	0	102442	40
10028+00	100	124.25	0.0	456	0	102898	40
10029+00	100	123.67	0.0	459	0	103357	40
10030+00	100	126.7	0.0	464	0	103821	40
10031+00	100	124.2	0.0	464	0	104285	40
10032+00	100	124.9	0.0	461	0	104746	40
10033+00	100	127.3	0.0	467	0	105213	40
10034+00	100	123.0	0.0	464	0	105677	40
10035+00	100	130.0	0.0	468	0	106145	40
10036+00	100	120.8	0.0	464	0	106609	40

NOTES:
1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10038+00	100	123.5	0.0	453	0	107510	40
10039+00	100	122.0	0.0	455	0	107965	40
10040+00	100	122.4	0.0	453	0	108418	40
10041+00	100	120.4	0.0	450	0	108868	40
10042+00	100	129.8	0.0	463	0	109331	40
10043+00	100	163.2	0.0	542	0	109873	40
10044+00	100	121.4	0.0	527	0	110400	40
10044+53	53	104.2	0.0	219	0	110619	40
10044+58	6	211.5	0.0	32	0	110651	40
10045+00	42	195.3	0.0	316	0	110967	40
10045+46	46	186.1	0.0	327	0	111294	40
10045+53	7	210.9	0.0	49	0	111343	40
10046+00	47	196.7	0.0	355	0	111698	40
10047+00	100	155.9	0.0	653	0	112351	40
10048+00	100	146.7	7.3	560	14	112911	58
10049+00	100	142.7	18.9	536	49	113447	119
10049+50	50	139.4	1.5	261	19	113708	143
10049+75	25	135.6	4.9	127	3	113835	146
10050+00	25	134.4	10.6	125	7	113960	155
10050+25	25	136.1	16.2	125	12	114085	170
10051+00	75	132.9	1.9	374	25	114459	201
10052+00	100	131.4	0.0	490	4	114949	206
10053+00	100	129.1	0.0	483	0	115432	206
10054+00	100	123.4	0.0	468	0	115900	206
10055+00	100	123.9	0.0	458	0	116358	206
10056+00	100	123.6	0.0	458	0	116816	206
10057+00	100	122.0	0.0	455	0	117271	206
10058+00	100	123.5	0.0	455	0	117726	206
10059+00	100	123.2	0.0	457	0	118183	206
10060+00	100	123.1	0.0	456	0	118639	206
10061+00	100	123.5	0.0	457	0	119096	206
10062+00	100	126.3	0.0	462	0	119558	206
10063+00	100	120.9	0.0	458	0	120016	206
10064+00	100	120.8	0.0	448	0	120464	206
10066+00	200	120.0	0.0	892	0	121356	206
10067+00	100	121.2	0.0	447	0	121803	206
10068+00	100	124.2	0.0	455	0	122258	206
10069+00	100	122.3	0.0	457	0	122715	206
10070+00	100	118.7	0.0	446	0	123161	206
10071+00	100	118.2	0.0	439	0	123600	206
10072+00	100	117.5	0.0	437	0	124037	206
10073+00	100	116.7	0.0	434	0	124471	206
10074+00	100	118.7	0.0	436	0	124907	206
10075+00	100	111.8	0.0	427	0	125334	206
10076+00	100	115.0	0.0	420	0	125754	206
10077+00	100	117.7	0.0	431	0	126185	206
10078+00	100	118.2	0.0	437	0	126622	206
10079+00	100	118.0	0.0	437	0	127059	206
10080+00	100	130.3	0.0	460	0	127519	206

NOTES:
1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10081+00	85	160.1	0.2	456	0	128050	206
10082+00	100	141.4	0.0	558	0	128608	206
10083+00	100	129.8	0.8	502	2	129110	209
10084+00	100	122.7	0.0	468	2	129578	211
10085+00	100	108.9	0.0	429	0	130007	211
10086+00	100	105.9	0.0	398	0	130405	211
10087+00	100	96.0	0.0	374	0	130779	211
10088+00	100	101.3	0.0	365	0	131144	211
10089+00	100	99.8	0.0	372	0	131516	211
10090+00	100	93.8	0.0	359	0	131875	211
10091+00	100	87.3	0.0	335	0	132210	211
10092+00	100	91.8	0.0	332	0	132542	211
10093+00	100	99.3	0.0	354	0	132896	211
10094+00	100	103.7	0.0	376	0	133272	211
10095+00	100	105.4	0.0	387	0	133659	211
10096+00	100	104.4	0.0	389	0	134048	211
10097+00	100	106.0	0.0	390	0	134438	211
10098+00	100	106.2	0.0	393	0	134831	211
10099+00	100	106.8	0.0	394	0	135225	211
10100+00	100	106.7	0.0	395	0	135620	211
10100+59	59	101.4	0.0	225	0	135845	211
10101+00	42	125.9	0.0	175	0	136020	211
10102+00	100	121.2	0.0	458	0	136478	211
10103+00	100	116.7	0.0	441	0	136919	211
10104+00	100	114.8	0.0	429	0	137348	211
10105+00	100	107.9	0.0	412	0	137760	211
10106+00	100	94.3	0.0	374	0	138134	211
10106+55	55	85.5	0.0	183	0	138317	211
		COLUMN TOTALS		138,317	169		

DIVISION 3 - RAMP E - E ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10027+35	0	45.6	0.0	0	0	0	0
10028+00	65	47.1	0.0	111	0	111	0
10029+00	100	46.7	0.0	174	0	285	0
10030+00	100	51.3	0.0	182	0	467	0
10031+00	100	48.9	0.0	185	0	652	0
10032+00	100	45.0	0.0	174	0	826	0
10033+00	100	52.5	0.0	181	0	1007	0
10033+44	44	52.1	0.0	86	0	1093	0
10033+52	8	38.8	0.0	13	0	1106	0
		COLUMN TOTALS		1,106	0		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - RAMP F - F ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10034+52	0	46.8	0.0	0	0	0	0
10034+60	8	63.1	0.0	17	0	17	0
10035+00	40	52.9	0.0	85	0	102	0
10036+00	100	47.3	0.0	186	0	288	0
10037+00	100	47.3	0.0	175	0	463	0
10038+00	100	52.2	0.0	184	0	647	0
10039+00	100	50.5	0.0	190	0	837	0
10040+00	100	49.6	0.0	185	0	1022	0
10041+00	100	53.2	0.0	190	0	1212	0
10042+00	100	48.2	0.0	188	0	1400	0
10042+43	43	50.9	0.0	79	0	1479	0
		COLUMN TOTALS		1,479	0		

DIVISION 3 - RAMP G - G ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10034+54	0	44.7	0.0	0	0	0	0
10035+00	46	50.9	0.0	82	0	82	0
10036+00	100	44.2	0.0	176	0	258	0
10037+00	100	49.0	0.0	173	0	431	0
10038+00	100	48.3	0.0	180	0	611	0
10039+00	100	46.2	0.0	175	0	786	0
10040+00	100	41.6	0.2	163	0	949	0
10041+00	100	43.3	0.2	157	1	1106	1
10042+00	100	46.8	0.0	167	0	1273	1
10043+00	100	72.4	0.0	221	0	1494	1
10044+00	100	112.3	0.0	342	0	1836	1
10044+55	55	111.4	0.0	230	0	2066	1
		COLUMN TOTALS		2,066	1		

DIVISION 3 - RAMP H - H ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10023+00	0	76.1	0.0	0	0	0	0
10024+00	100	83.0	0.0	295	0	295	0
10025+00	100	100.9	0.0	341	0	636	0
10026+00	100	59.3	0.0	297	0	933	0
10027+00	100	56.4	0.0	214	0	1147	0
10028+00	100	51.5	0.0	200	0	1347	0
10029+00	100	48.1	0.0	184	0	1531	0
10030+00	100	48.1	0.0	178	0	1709	0
10031+00	100	47.9	0.0	178	0	1887	0
10032+00	100	46.2	0.0	174	0	2061	0
10033+00	100	48.7	0.0	176	0	2237	0
10033+50	50	54.9	0.0	97	0	2334	0
10033+58	8	42.8	0.0	14	0	2348	0
		COLUMN TOTALS		2,348	0		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 3 - CTH H - CTH H ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
2005+77	0	67.4	0.0	0	0	0	0
2006+00	23	73.4	0.0	60	0	60	0
2006+50	50	74.4	0.0	137	0	197	0
2006+82	32	78.4	0.0	91	0	288	0
2007+00	18	80.5	1.9	53	1	341	1
2007+31	31	152.5	0.0	135	1	476	3
2007+50	19	151.8	0.0	105	0	581	3
2007+67	17	109.2	0.0	84	0	665	3
2007+92	25	92.5	0.0	93	0	758	3
2008+00	8	82.3	0.0	25	0	783	3
2008+17	17	77.0	0.0	51	0	834	3
2008+50	33	66.7	0.0	87	0	921	3
2008+60	10	55.6	44.3	22	8	943	13
2011+00	0	58.5	111.3	0	0	943	13
2011+38	38	56.6	8.2	81	85	1024	119
2011+50	12	58.7	6.0	25	3	1049	123
2011+63	13	68.3	0.0	30	1	1079	124
2011+88	25	98.0	0.0	77	0	1156	124
2011+96	8	96.9	0.0	30	0	1186	124
2012+00	4	103.3	0.0	14	0	1200	124
2012+23	23	138.8	0.0	102	0	1302	124
2012+50	27	71.3	5.2	106	3	1408	128
2012+79	29	59.9	1.0	70	3	1478	131
2013+00	21	54.8	0.1	45	0	1523	131
2013+50	50	50.8	0.0	98	0	1621	131
2013+84	34	37.3	0.0	55	0	1676	131
		COLUMN TOTALS		1,676	105		

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NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

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DIVISION 4 -STH 97 BULLNOSE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9732+68	0	0.1	2.6	0	0	0	0
9733+00	32	0.1	3.6	0	4	0	5
9733+91	91	6.5	0.0	11	6	11	13
9734+00	9	4.9	0.0	2	0	13	13
9734+54	54	7.9	0.1	13	0	26	13
9734+67	12	11.9	0.0	5	0	31	13
9735+00	33	11.3	0.0	14	0	45	13
9735+21	21	7.3	0.0	7	0	52	13
9735+63	42	6.5	0.5	11	0	63	13
9736+00	37	12.3	0.0	13	0	76	13
9736+17	17	11.5	0.1	8	0	84	13
9736+30	13	9.1	0.1	5	0	89	13
9736+93	63	5.8	1.2	18	2	107	15
9737+00	7	4.9	2.5	1	0	108	15
9738+00	100	9.4	1.0	27	6	135	23
9738+44	44	9.8	0.2	15	1	150	24
9738+75	31	0.6	0.5	6	0	156	24
		COLUMN TOTALS		156	19		

DIVISION 4 - CX XO REMOVAL - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
9747+51	0	0.0	2.0	0	0	0	0
9748+00	49	0.0	0.0	0	2	0	3
9749+00	100	10.7	0.4	20	1	20	4
9750+00	100	24.0	0.3	64	1	84	5
9751+00	100	21.9	0.0	85	1	169	6
9752+00	100	38.5	0.0	112	0	281	6
9753+00	100	50.8	0.8	165	2	446	9
9754+00	100	85.7	0.0	253	2	699	11
9755+00	100	87.2	0.0	320	0	1019	11
9756+00	100	73.1	0.1	297	0	1316	11
9757+00	100	45.9	0.1	220	0	1536	11
9758+00	100	32.8	0.0	146	0	1682	11
9759+00	100	25.3	0.0	108	0	1790	11
9760+00	100	20.1	0.0	84	0	1874	11
9761+00	100	18.3	0.0	71	0	1945	11
9762+00	100	16.3	0.0	64	0	2009	11
9763+00	100	13.2	0.0	55	0	2064	11
9763+50	50	4.4	1.1	16	1	2080	13
		COLUMN TOTALS		2,080	10		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 4 - CTH H BULLNOSE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10031+05	0	19.4	0.0	0	0	0	0
10032+00	95	2.1	5.9	38	10	38	13
10032+55	55	5.7	2.1	8	8	46	23
10033+00	45	8.9	2.9	12	4	58	28
10033+18	18	8.9	0.6	6	1	64	29
10033+31	12	10.4	0.0	4	0	68	29
10033+84	54	9.7	0.4	20	0	88	29
10034+00	16	9.7	0.0	6	0	94	29
10034+27	27	5.9	2.3	8	1	102	30
10034+81	54	12.2	0.0	18	2	120	33
10034+93	13	14.9	0.0	6	0	126	33
10035+00	7	13.0	0.0	4	0	130	33
10035+57	57	12.9	0.0	27	0	157	33
10036+00	43	9.1	0.0	18	0	175	33
10037+00	100	9.4	0.0	34	0	209	33
10037+07	7	9.2	0.0	2	0	211	33
10037+64	57	9.4	0.0	20	0	231	33
		COLUMN TOTALS		231	26		

DIVISION 4 - GX XO REMOVAL - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10050+10	0	6.2	1.4	0	0	0	0
10051+00	90	14.5	1.3	34	4	34	5
10052+00	100	38.4	0.0	98	2	132	8
10053+00	100	54.1	0.0	171	0	303	8
10054+00	100	81.2	0.0	250	0	553	8
10055+00	100	72.4	0.0	284	0	837	8
10056+00	100	28.9	1.0	188	2	1025	10
10057+00	100	17.4	0.0	86	2	1111	13
10058+00	100	13.5	0.1	57	0	1168	13
10059+00	100	6.7	1.9	37	4	1205	18
10060+00	100	0.5	4.8	13	12	1218	33
10060+70	70	0.8	4.2	2	12	1220	48
		COLUMN TOTALS		1,220	38		

NOTES:
1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 6 - STH 97 -SOUTH - STH 97 ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
1000+00	0	0.0	0.0	0	0	0	0
1000+50	50	42.9	0.0	40	0	40	0
1001+00	50	43.4	0.1	80	0	120	0
1001+50	50	45.1	0.0	82	0	202	0
1002+00	50	44.4	0.0	83	0	285	0
1002+50	50	43.8	0.0	82	0	367	0
1003+00	50	42.9	0.0	80	0	447	0
1003+50	50	43.2	0.0	80	0	527	0
1004+00	50	42.0	0.0	79	0	606	0
1004+50	50	42.4	0.0	78	0	684	0
1005+00	50	41.8	0.0	78	0	762	0
1005+50	50	42.4	0.0	78	0	840	0
1006+00	50	41.9	0.1	78	0	918	0
1006+50	50	40.9	0.1	77	0	995	0
1007+00	50	42.0	0.2	77	0	1072	0
1007+50	50	41.2	0.2	77	0	1149	0
1008+00	50	41.8	0.3	77	1	1226	1
1008+50	50	42.9	0.2	78	1	1304	3
1009+00	50	43.7	0.1	80	0	1384	3
1009+50	50	44.3	0.0	81	0	1465	3
1010+00	50	45.1	0.0	83	0	1548	3
1010+50	50	48.2	0.0	86	0	1634	3
1011+00	50	50.0	0.0	91	0	1725	3
1011+50	50	49.5	0.0	92	0	1817	3
1012+00	50	50.3	0.0	92	0	1909	3
1012+50	50	51.6	0.0	94	0	2003	3
1013+00	50	47.3	0.0	92	0	2095	3
1013+50	50	44.3	0.0	85	0	2180	3
1014+00	50	42.9	0.0	81	0	2261	3
1014+50	50	40.4	0.2	77	0	2338	3
1015+00	50	39.0	0.6	73	1	2411	4
1015+50	50	37.0	1.0	70	1	2481	5
1016+00	50	35.1	1.1	67	2	2548	8
1016+50	50	34.5	1.0	64	2	2612	10
1017+00	50	33.8	1.0	63	2	2675	13
1017+50	50	33.6	1.1	62	2	2737	15
1018+00	50	33.7	0.8	62	2	2799	18
1018+50	50	33.4	0.9	62	2	2861	20
1019+00	50	31.1	2.7	60	3	2921	24
1019+50	50	27.9	3.7	55	6	2976	31
1020+00	50	26.9	3.3	51	6	3027	39
1020+50	50	27.4	3.4	50	6	3077	46
1021+00	50	30.0	3.0	53	6	3130	54
1021+50	50	38.7	0.3	64	3	3194	58
1022+00	50	46.8	0.0	79	0	3273	58
1022+08	8	50.0	0.0	15	0	3288	58
		COLUMN TOTALS		3,288	46		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 6 - STH 97 - NORTH - STH 97 ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
1028+00	0	47.5	0.0	0	0	0	0
1028+50	50	50.1	0.1	90	0	90	0
1029+00	50	46.0	0.1	89	0	179	0
1029+50	50	41.3	0.6	81	1	260	1
1030+00	50	43.4	0.6	78	1	338	3
1030+50	50	43.2	0.8	80	1	418	4
1031+00	50	41.8	1.1	79	2	497	6
1031+50	50	43.6	0.5	79	1	576	8
1032+00	50	43.7	1.0	81	1	657	9
1032+50	50	45.1	0.3	82	1	739	10
1033+00	50	45.0	0.1	84	0	823	10
1033+50	50	47.7	0.0	86	0	909	10
1034+00	50	47.0	0.0	88	0	997	10
1034+50	50	49.4	0.0	89	0	1086	10
1035+00	50	46.7	0.0	89	0	1175	10
1035+50	50	46.9	0.0	87	0	1262	10
1036+00	50	47.6	0.0	87	0	1349	10
1036+50	50	42.2	0.0	83	0	1432	10
1036+89	39	43.4	0.0	62	0	1494	10
		COLUMN TOTALS		1,494	8		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

DIVISION 1 - WB MAINLINE - WB ALIGNMENT

STATION	DISTANCE (LF)	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	
		CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25
10240+00	0	1.7	0.0	0	0	0	0
10241+00	100	4.3	0.0	11	0	11	0
10242+00	100	4.2	0.0	16	0	27	0
10243+00	100	2.2	1.4	12	3	39	4
10243+50	50	0.3	3.5	2	5	41	10
		COLUMN TOTALS		41	8		

NOTES:

1) CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL.
2) FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL.

9

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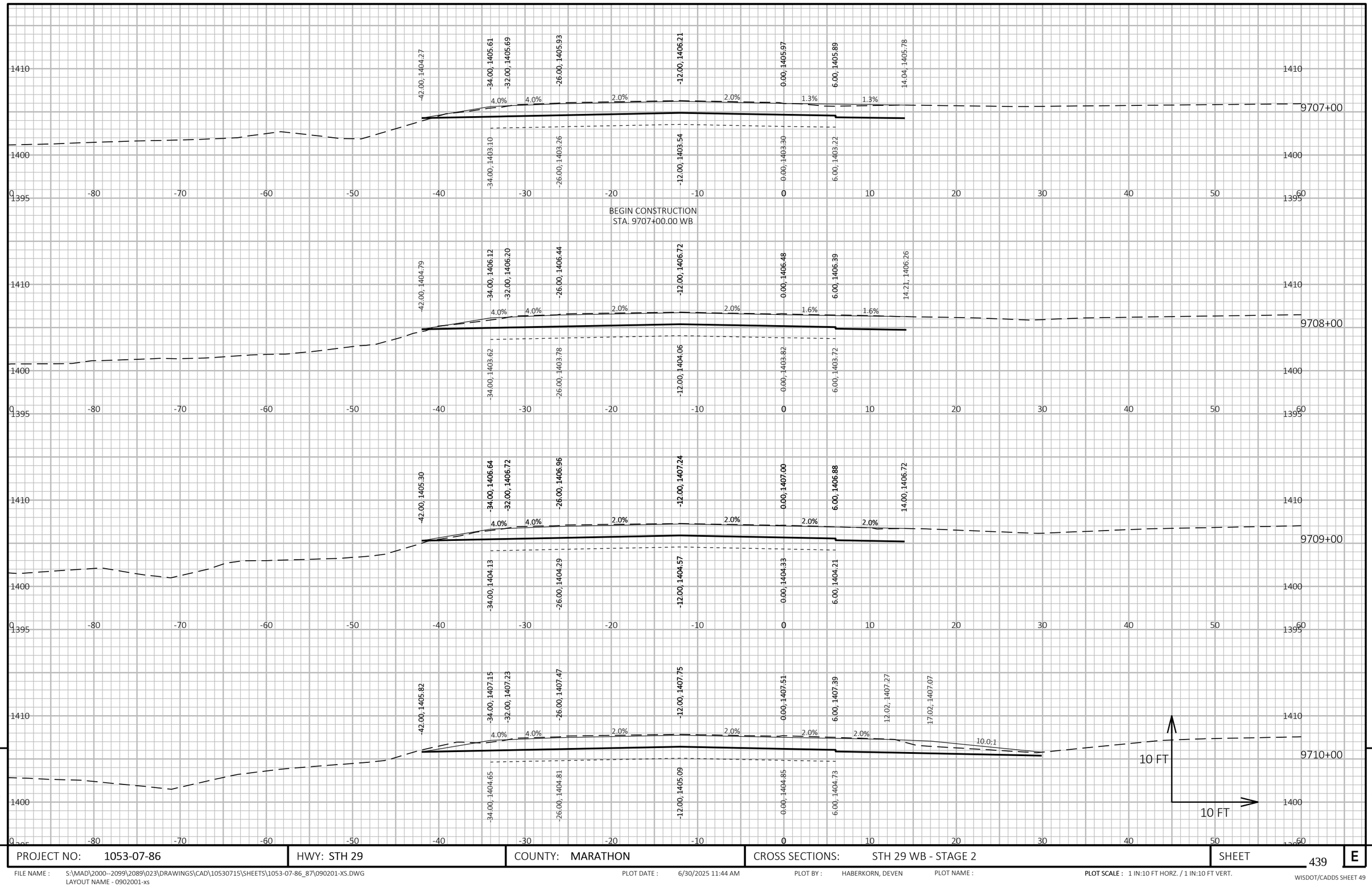
PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	EARTHWORK	SHEET: 438	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : PLOT SCALE : 1" = 1" WISDOT/CADDS SHEET 42



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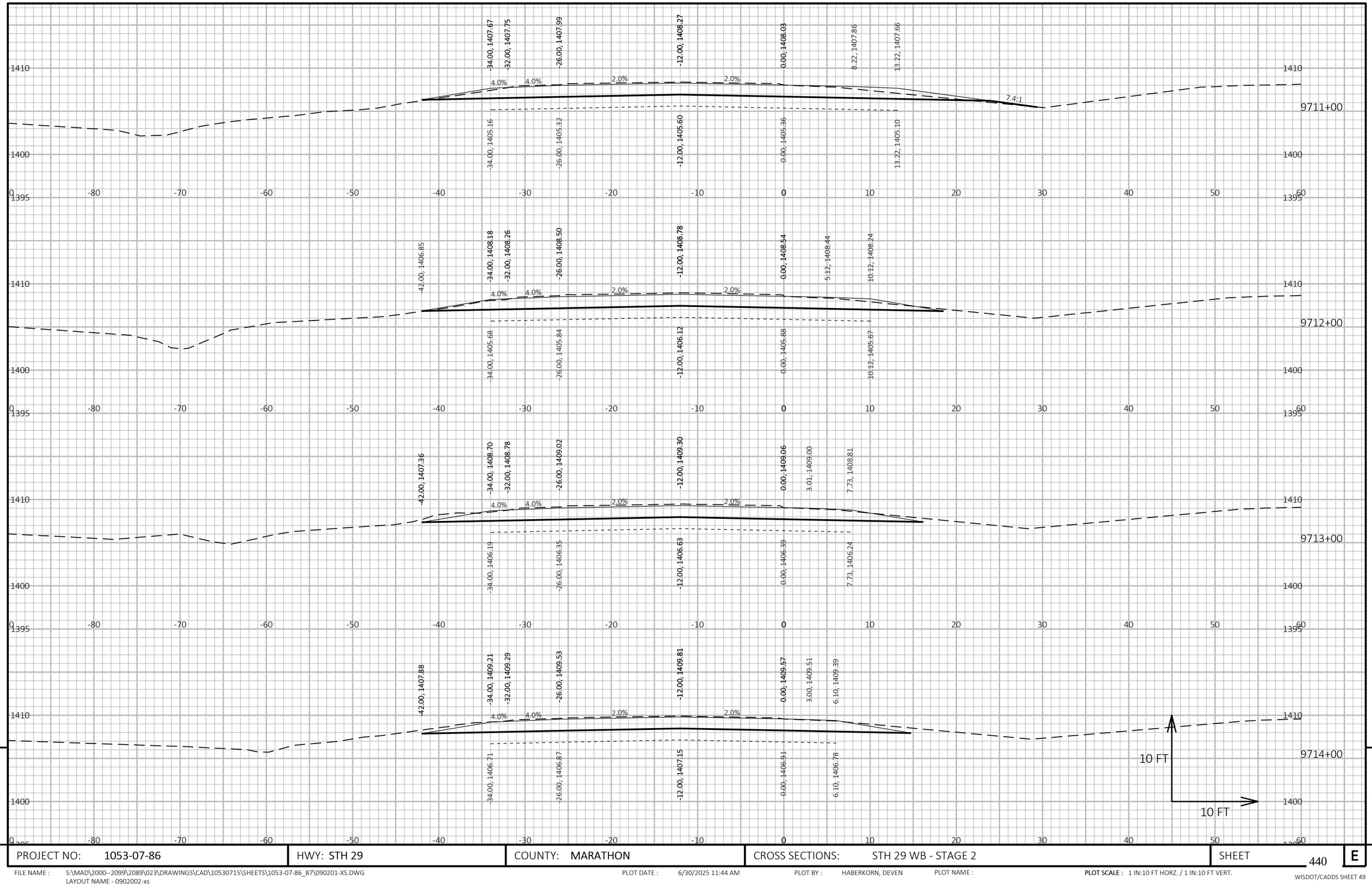
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 439	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902001-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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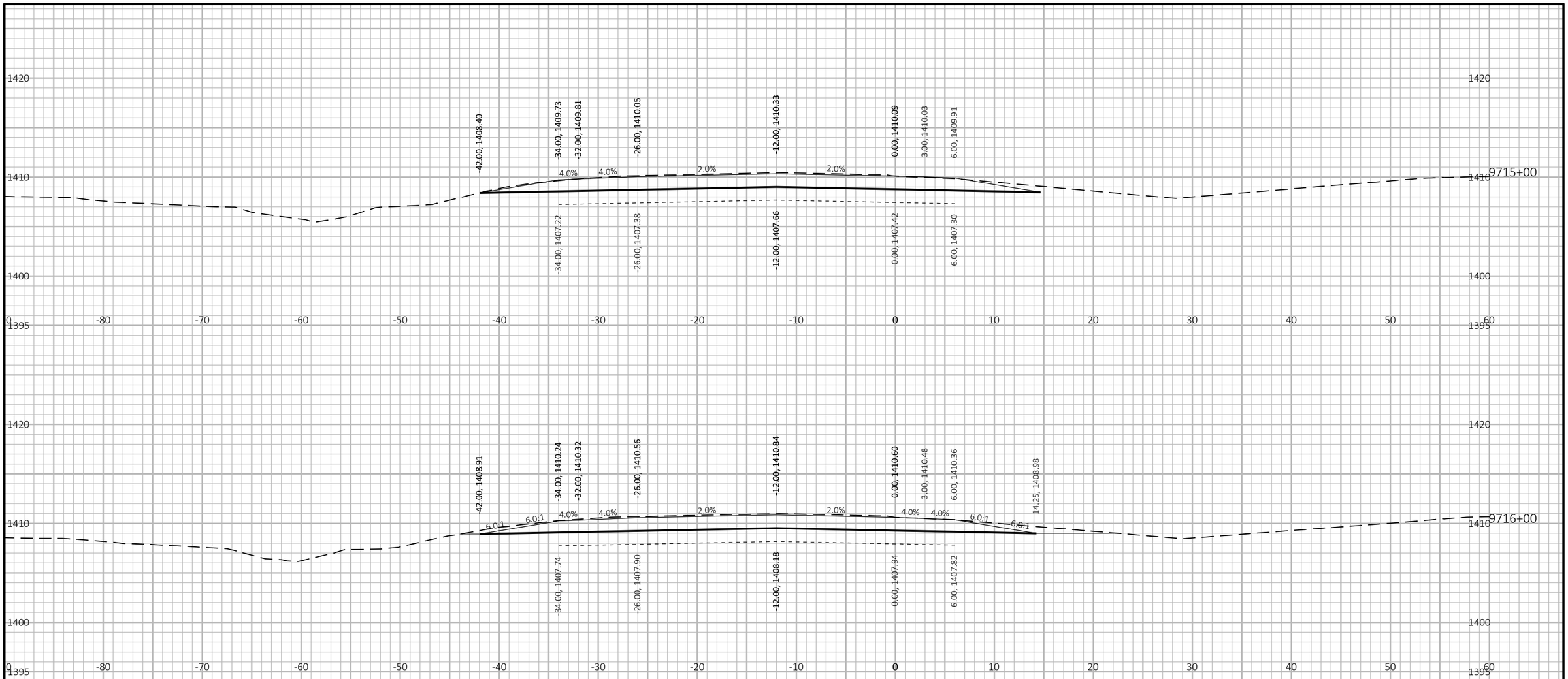
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 440	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902002-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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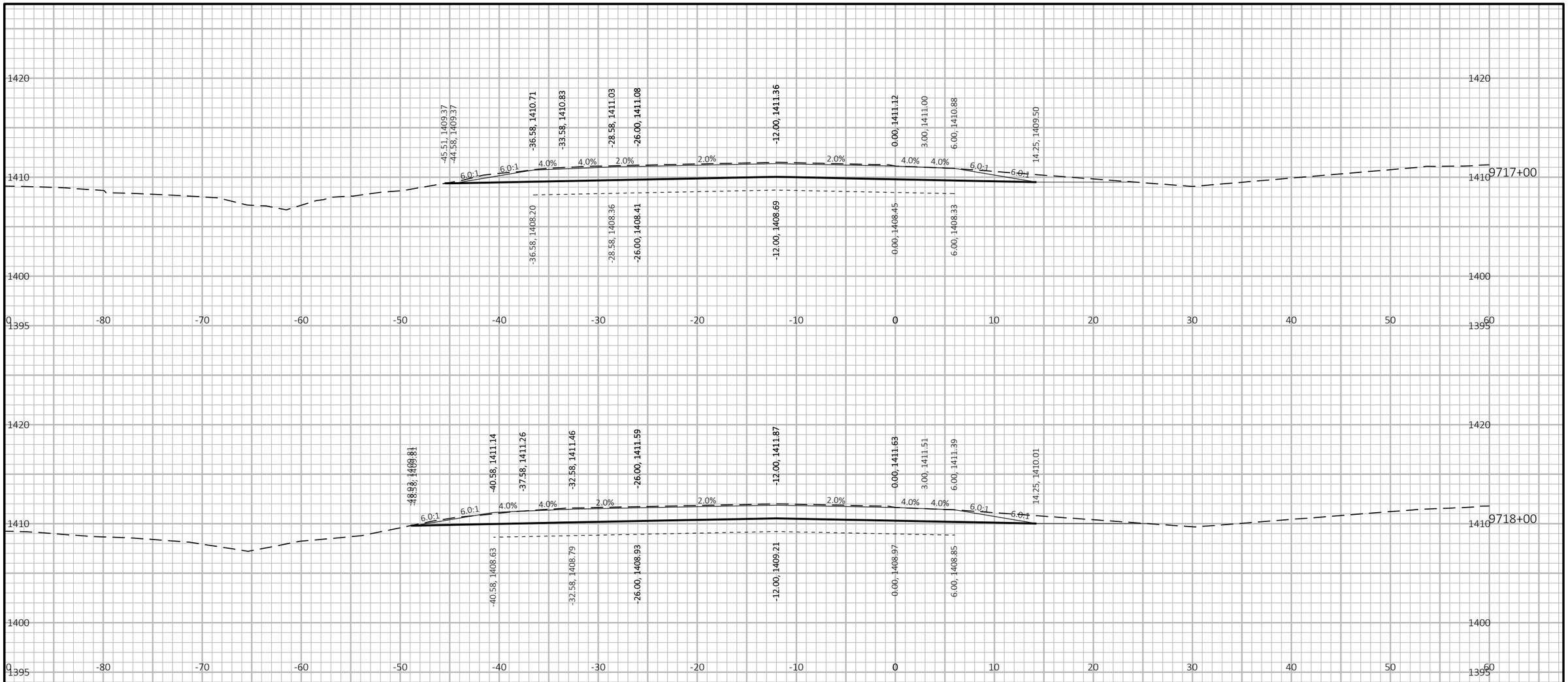
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 441	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902003-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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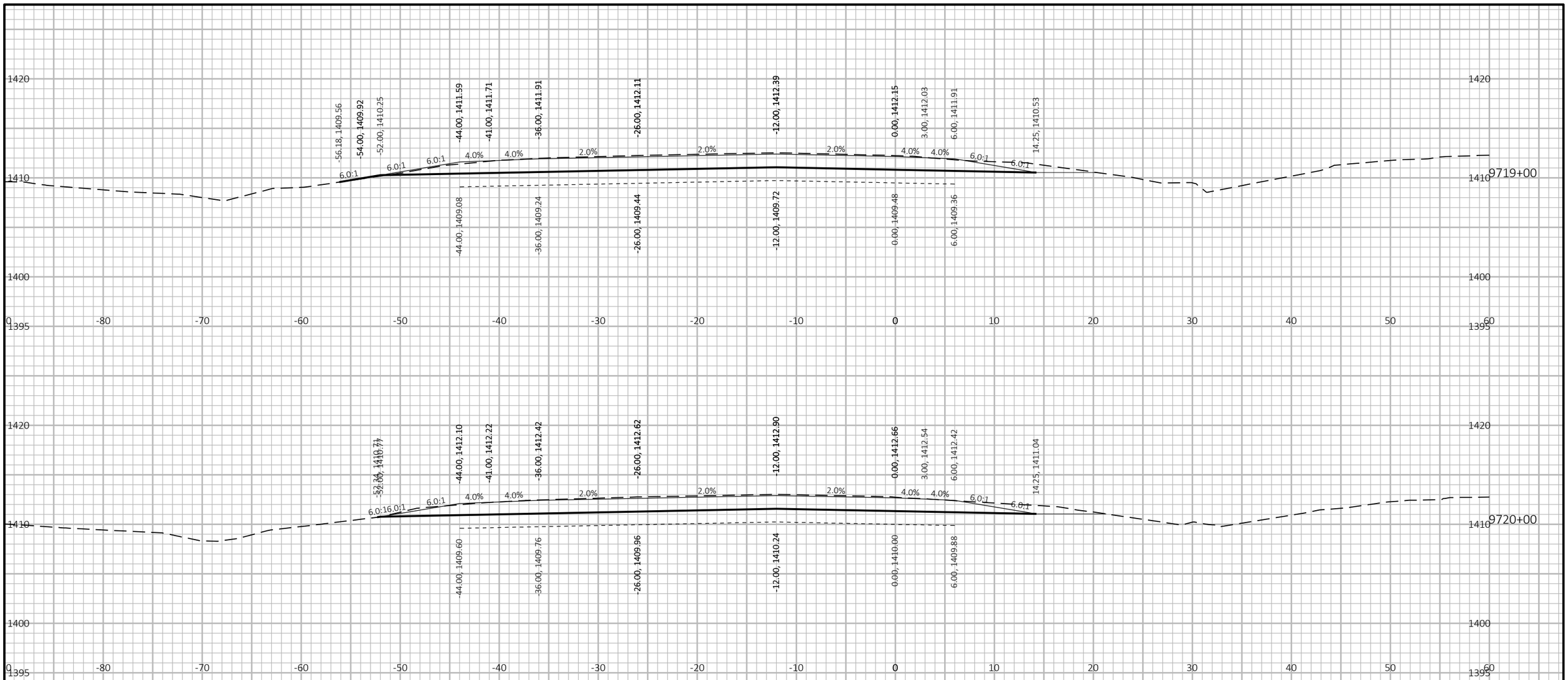
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 442	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902004-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 443	E

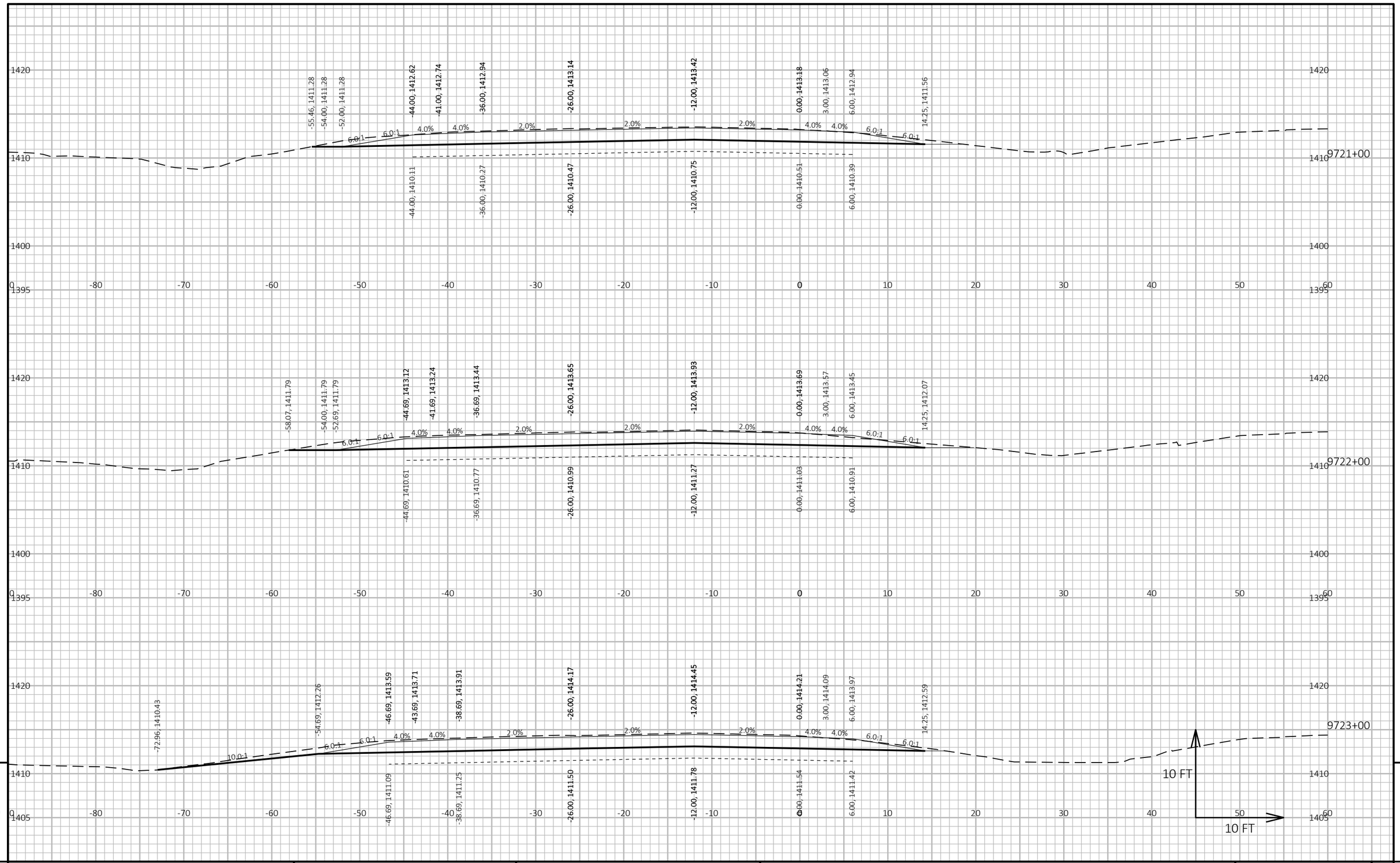
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902005-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

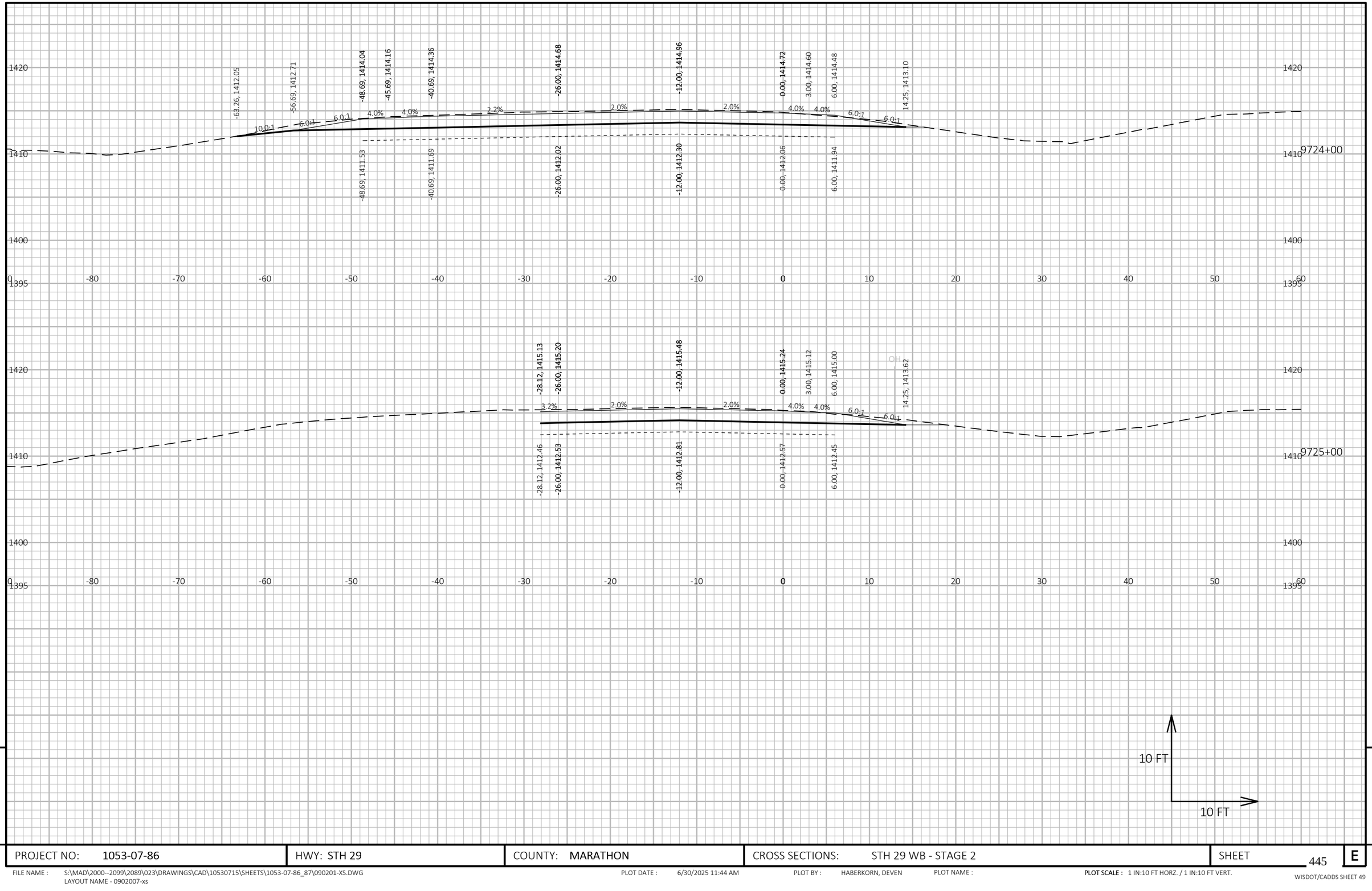


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 444 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902006-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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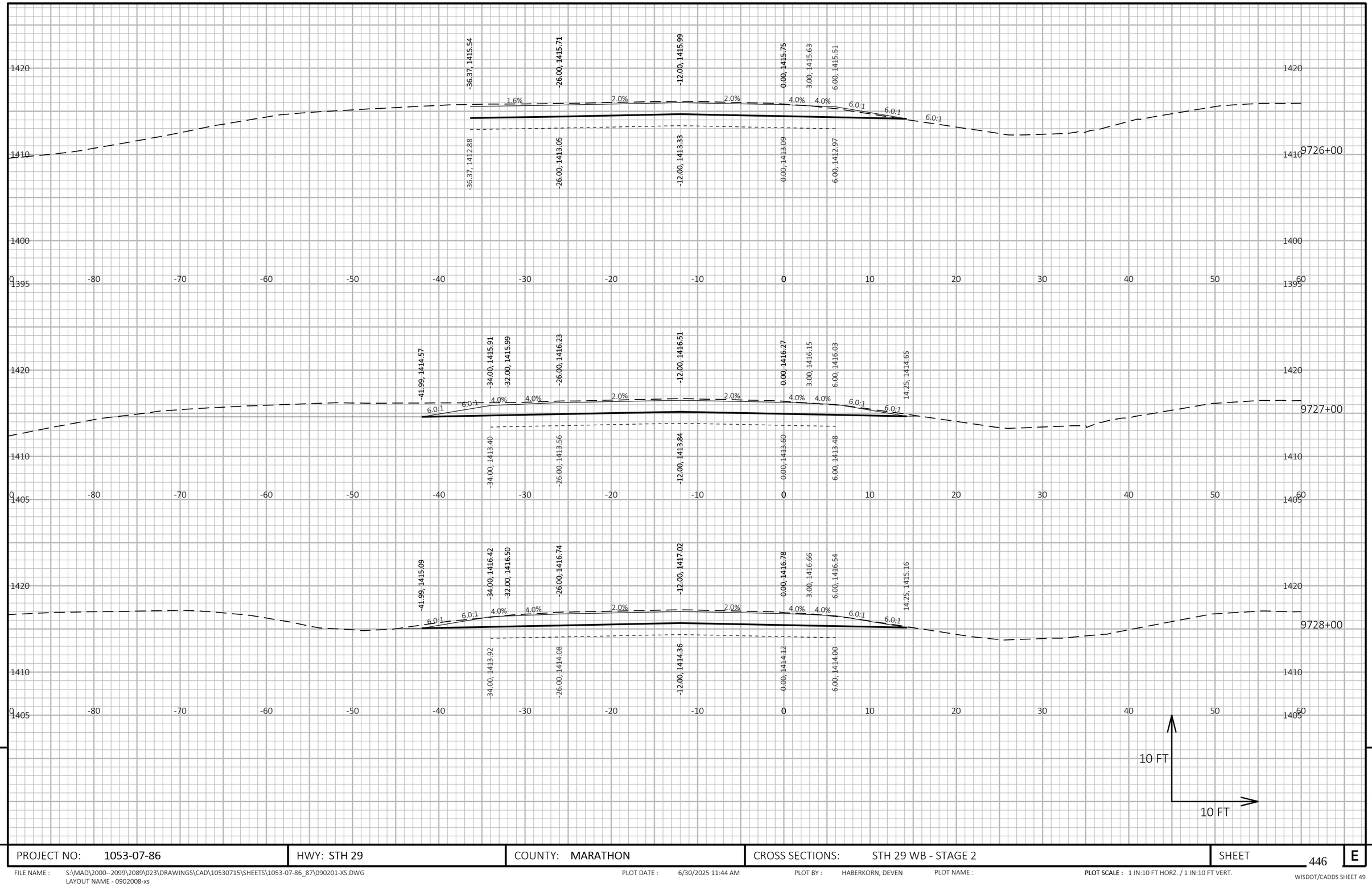
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 445	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902007-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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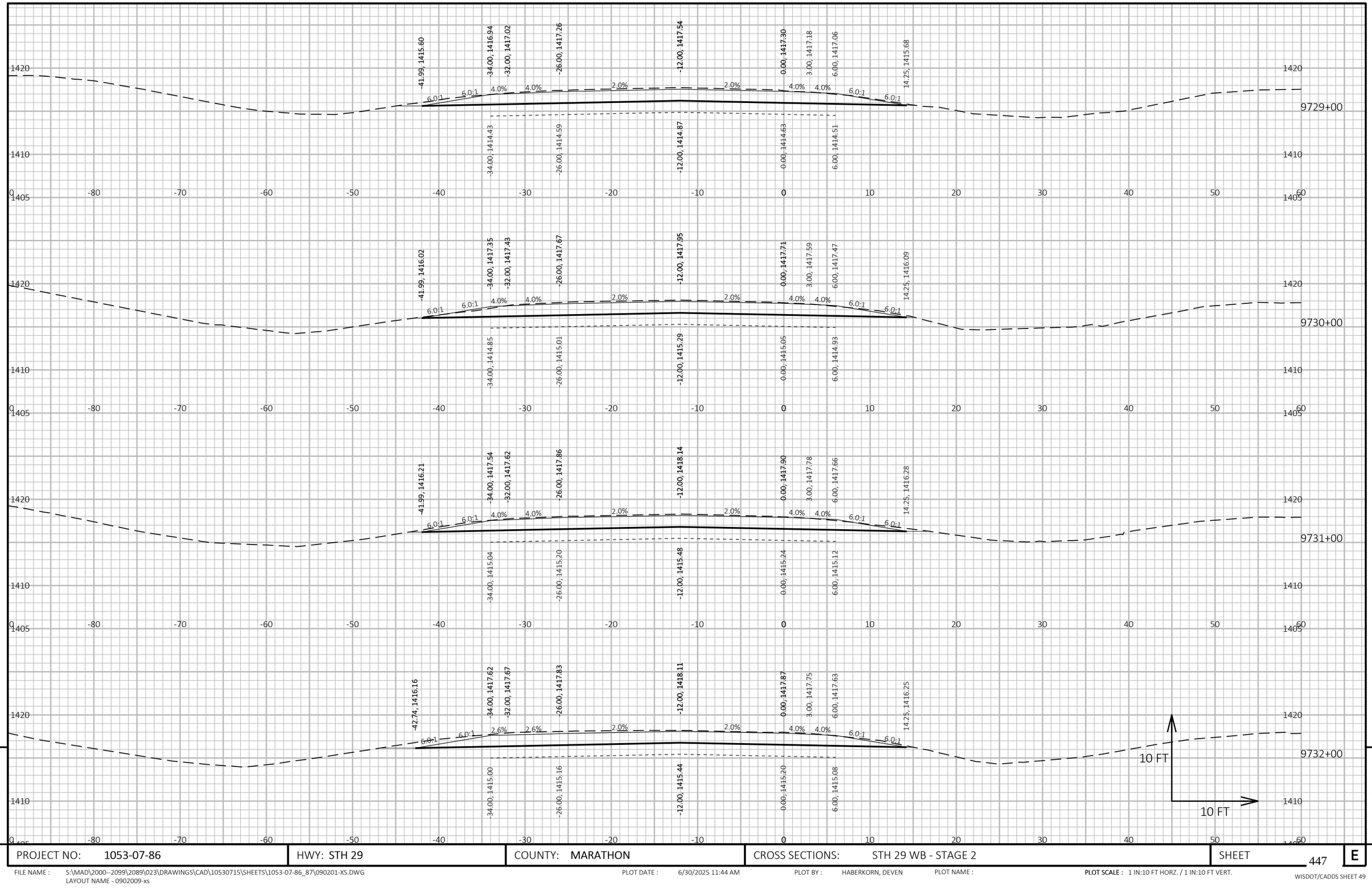
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 446	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902008-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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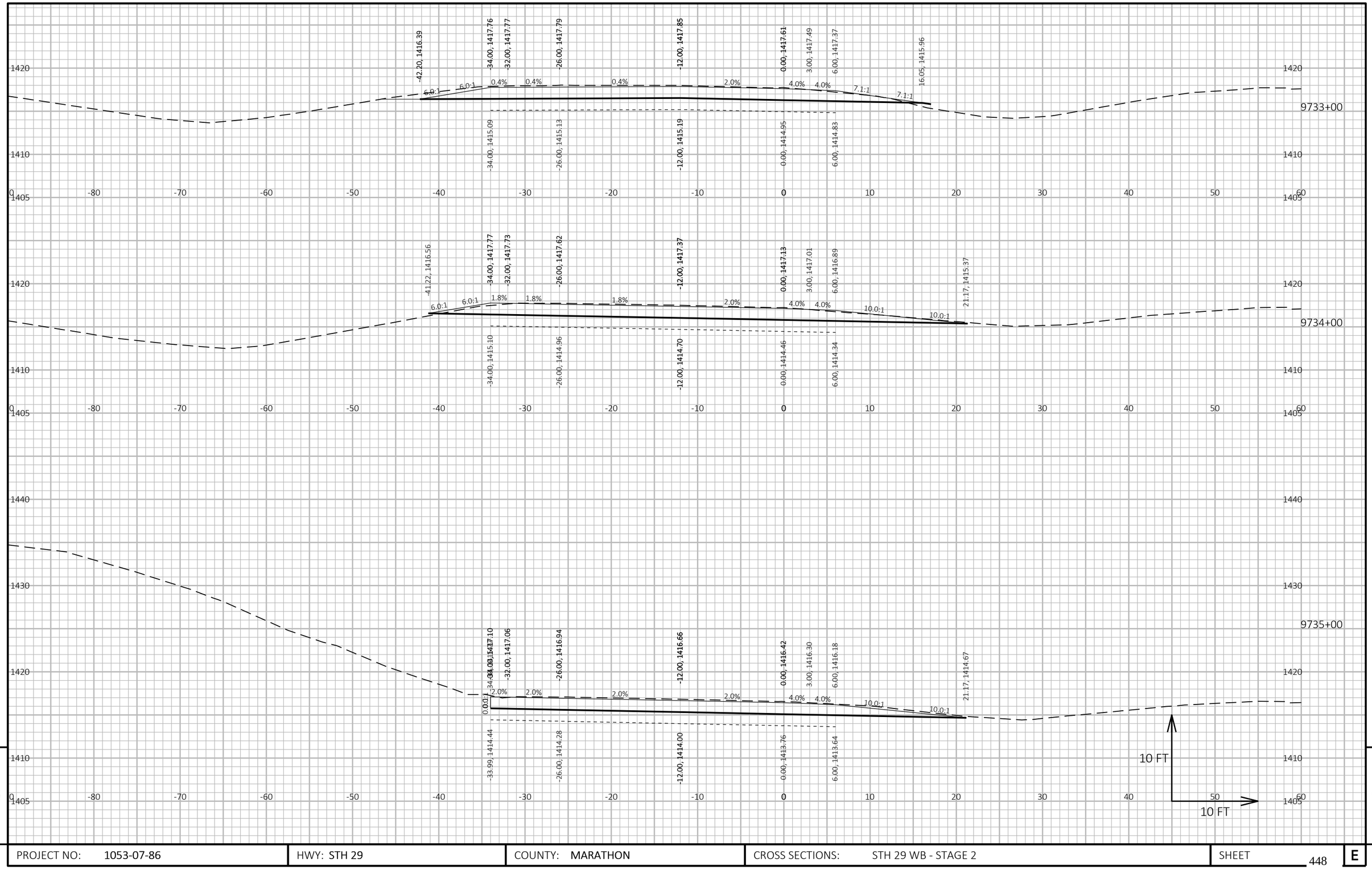
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 447	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902009-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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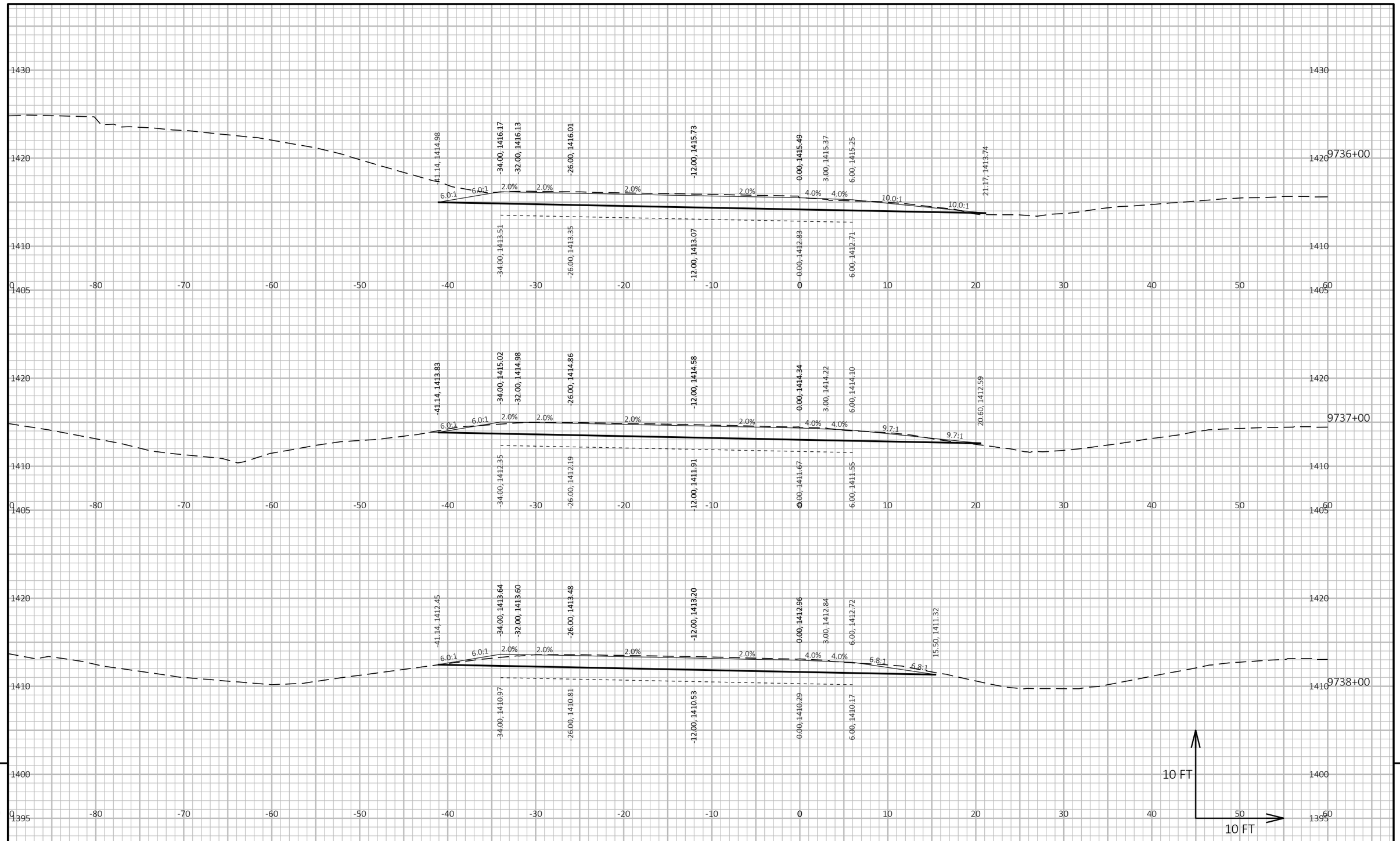
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 448	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902010-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



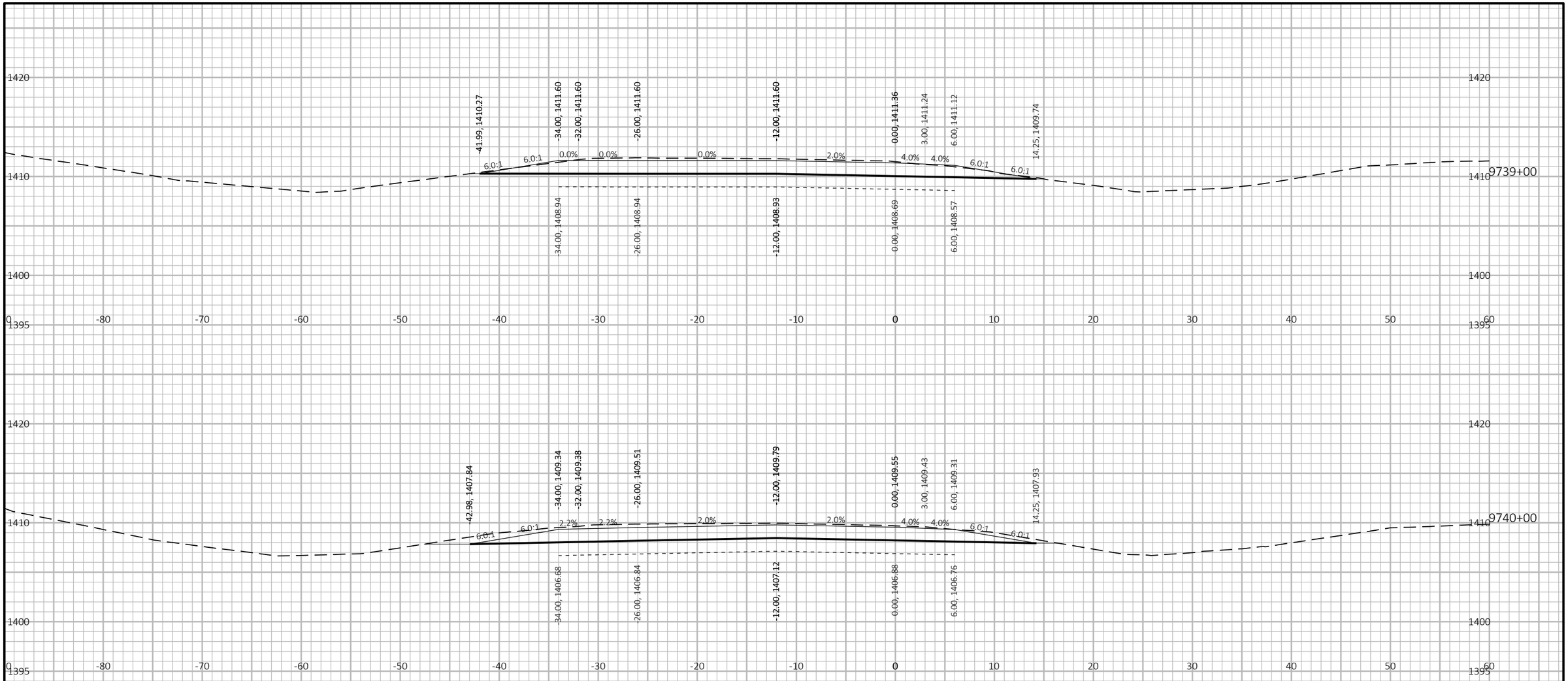
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 449	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902011-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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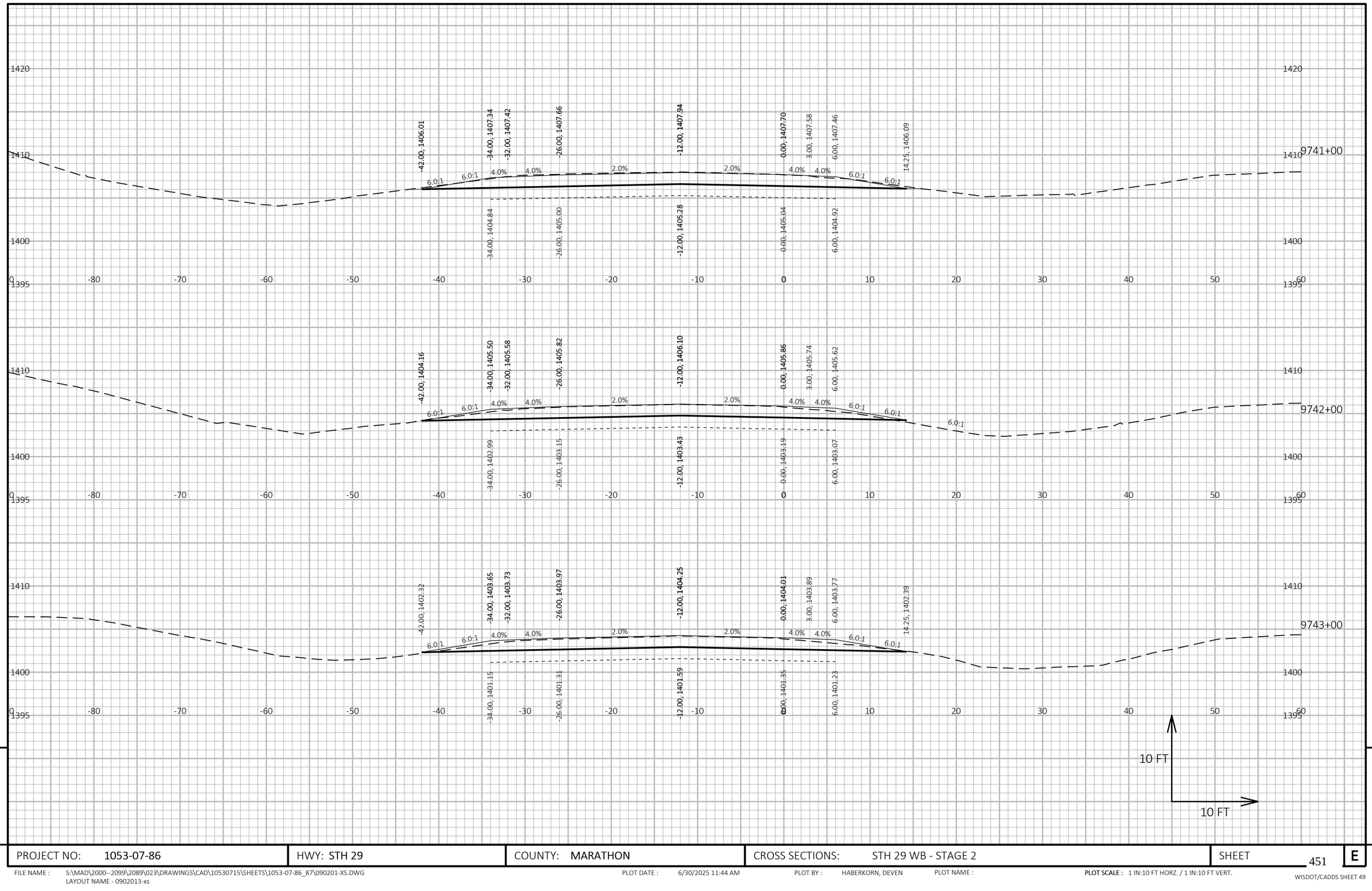
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 450	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902012-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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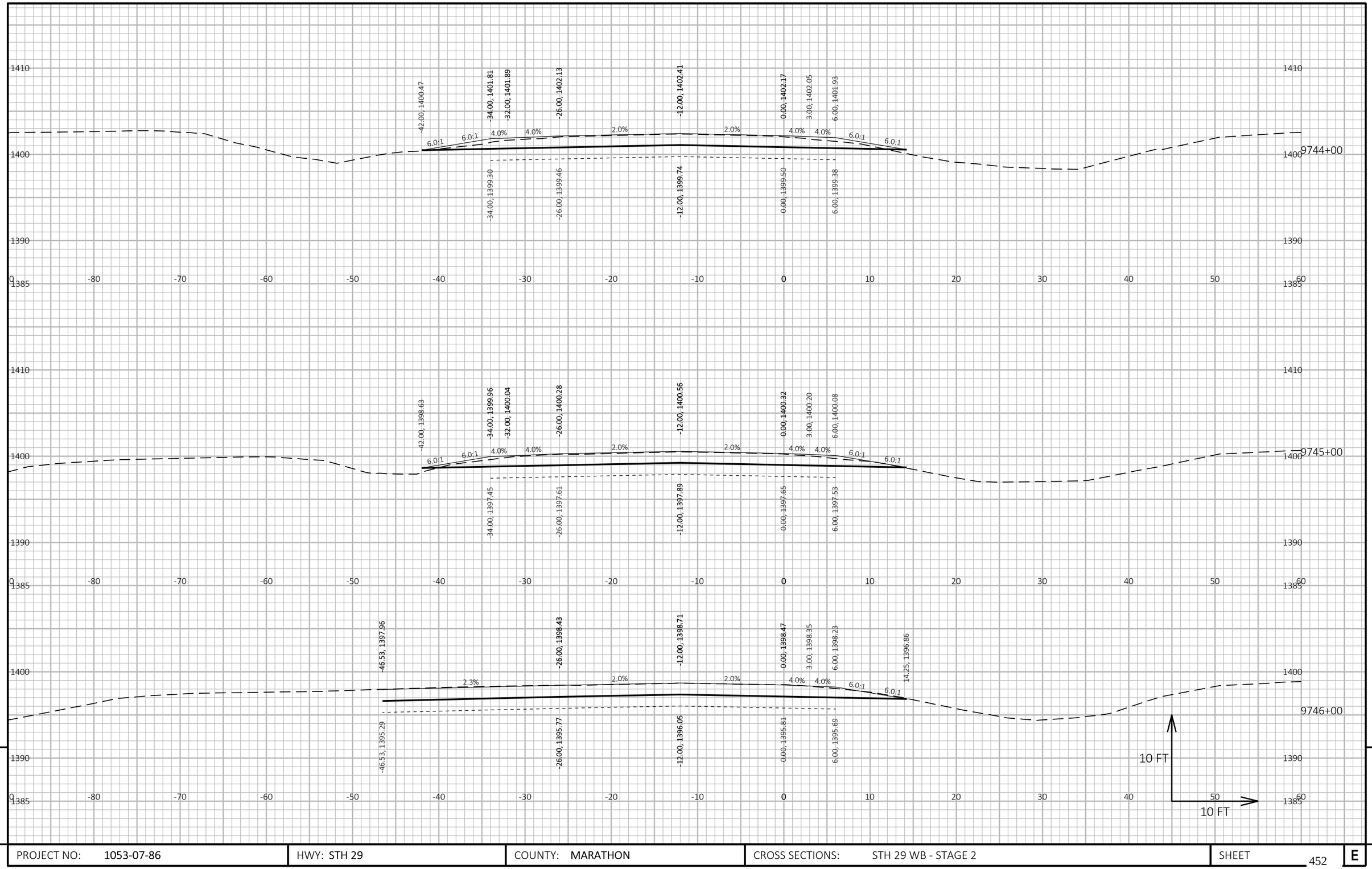
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 451	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902013-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

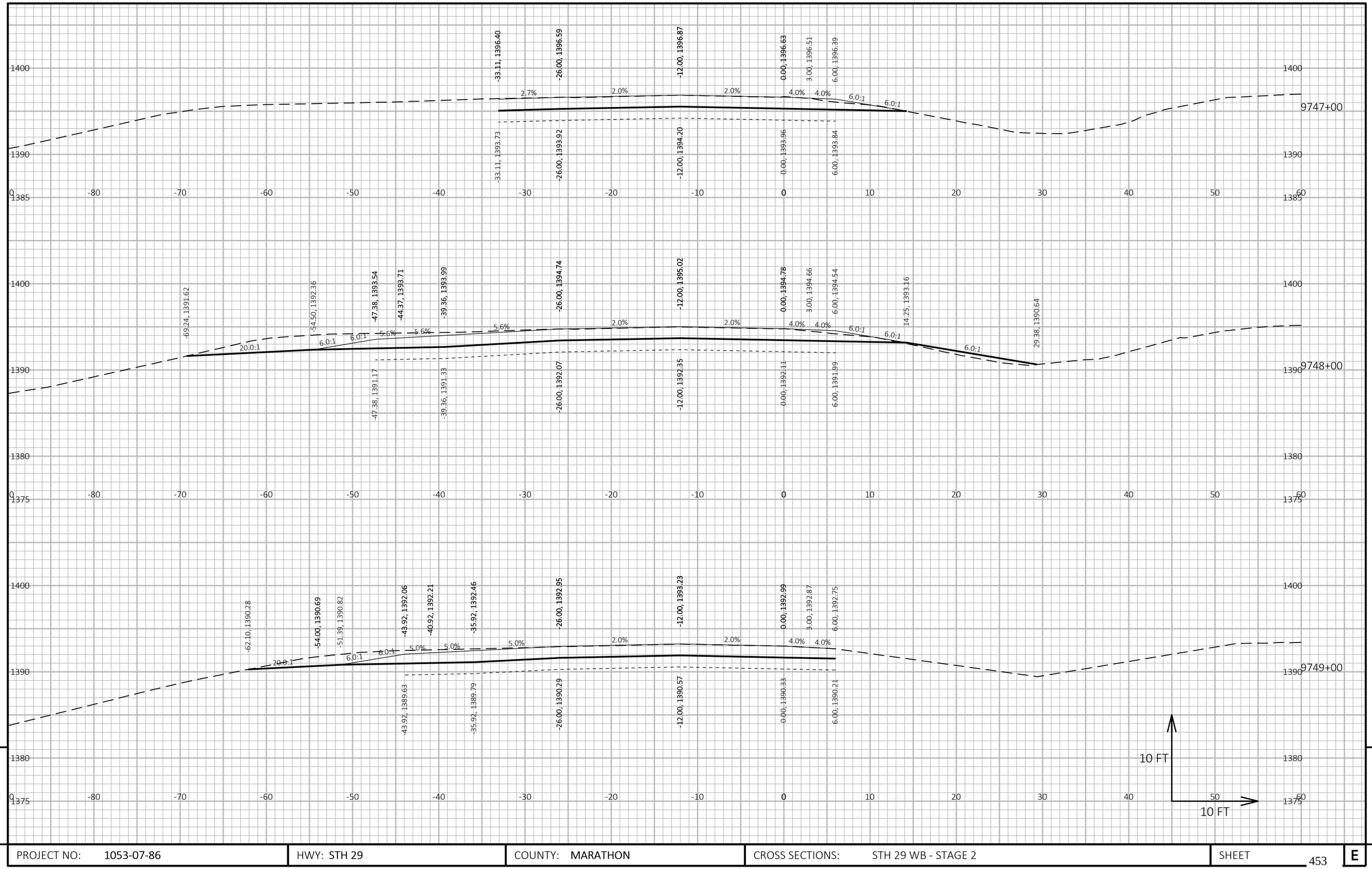


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 452	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902014-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

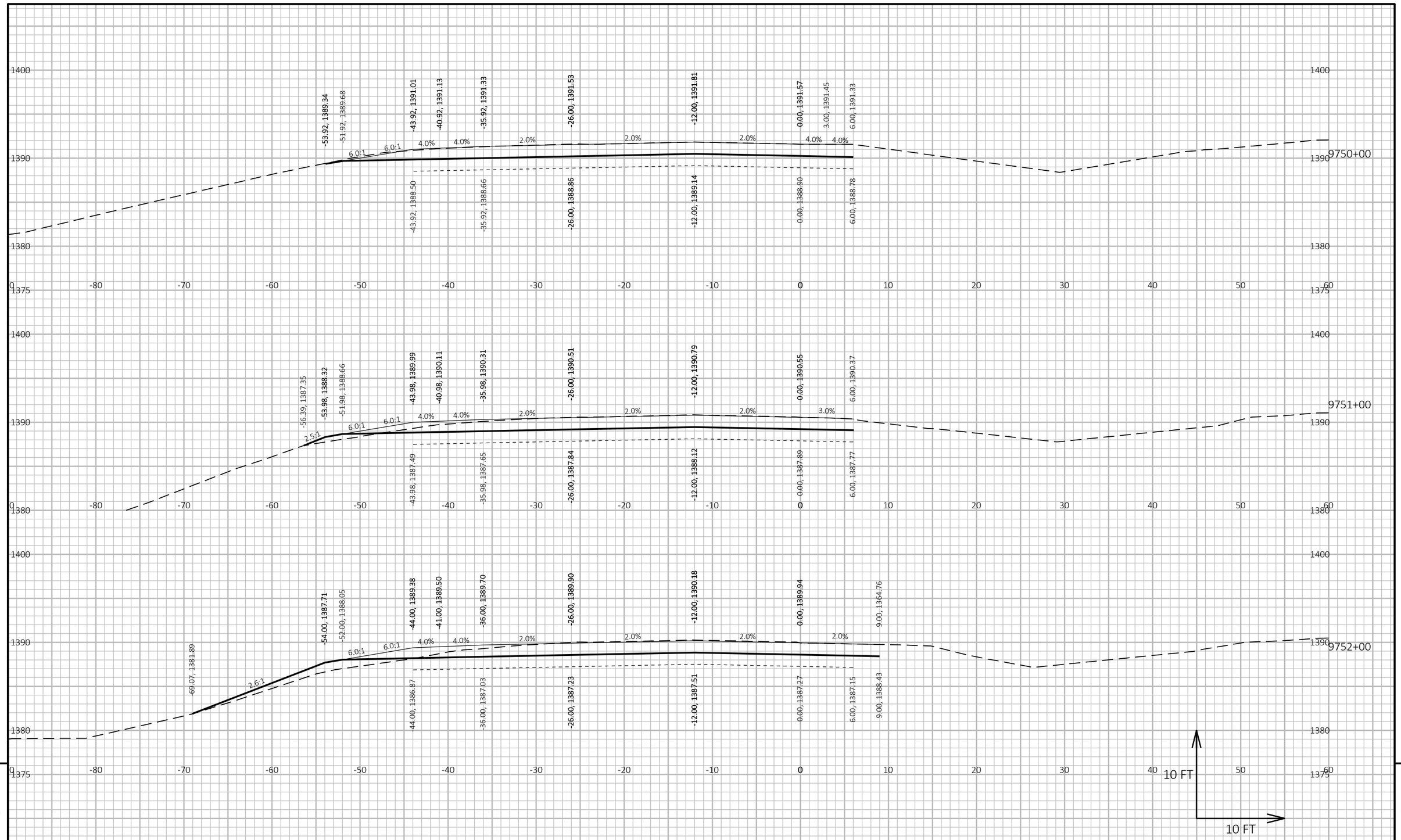


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 453	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902015-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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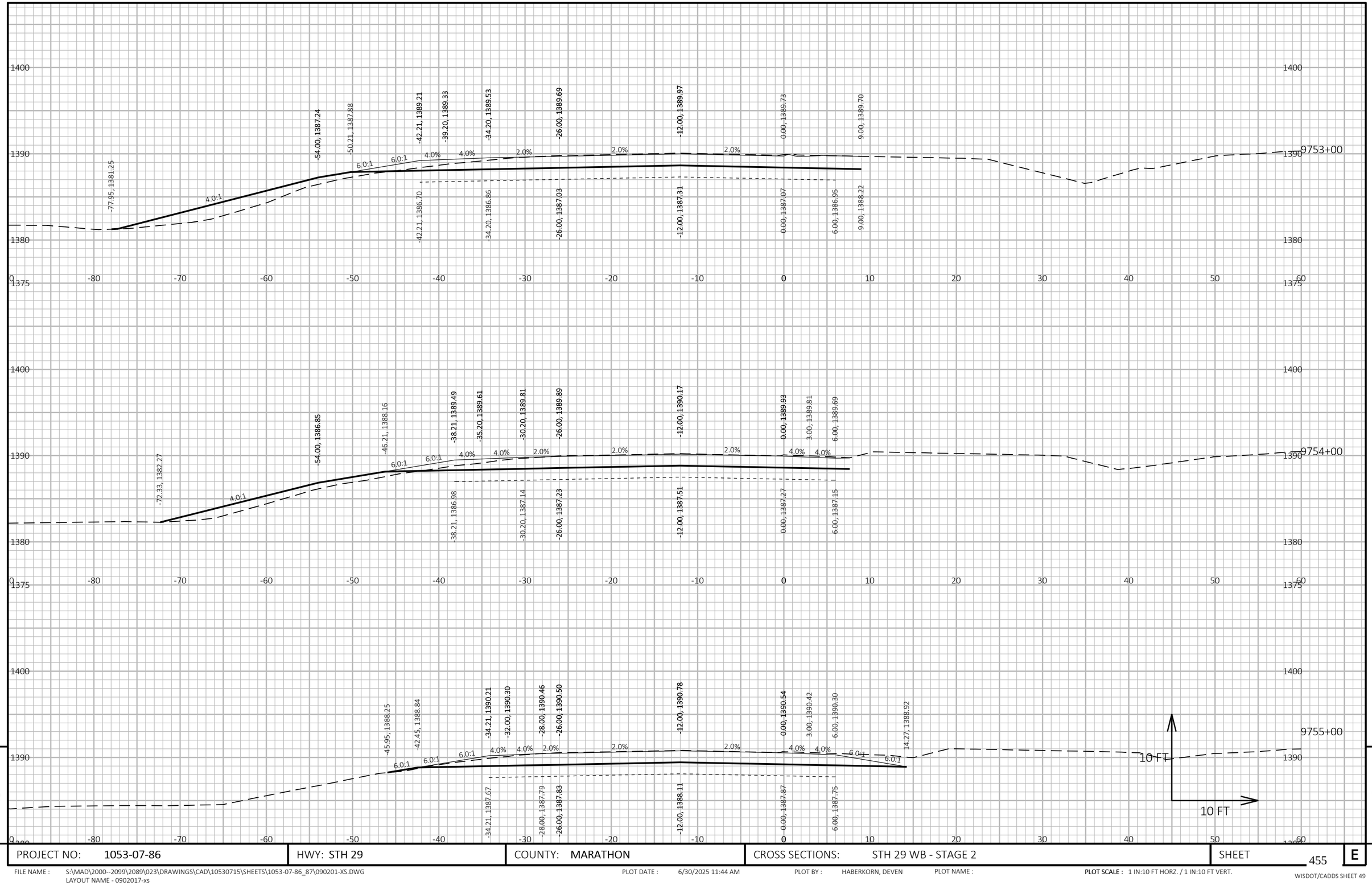
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 454	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902016-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

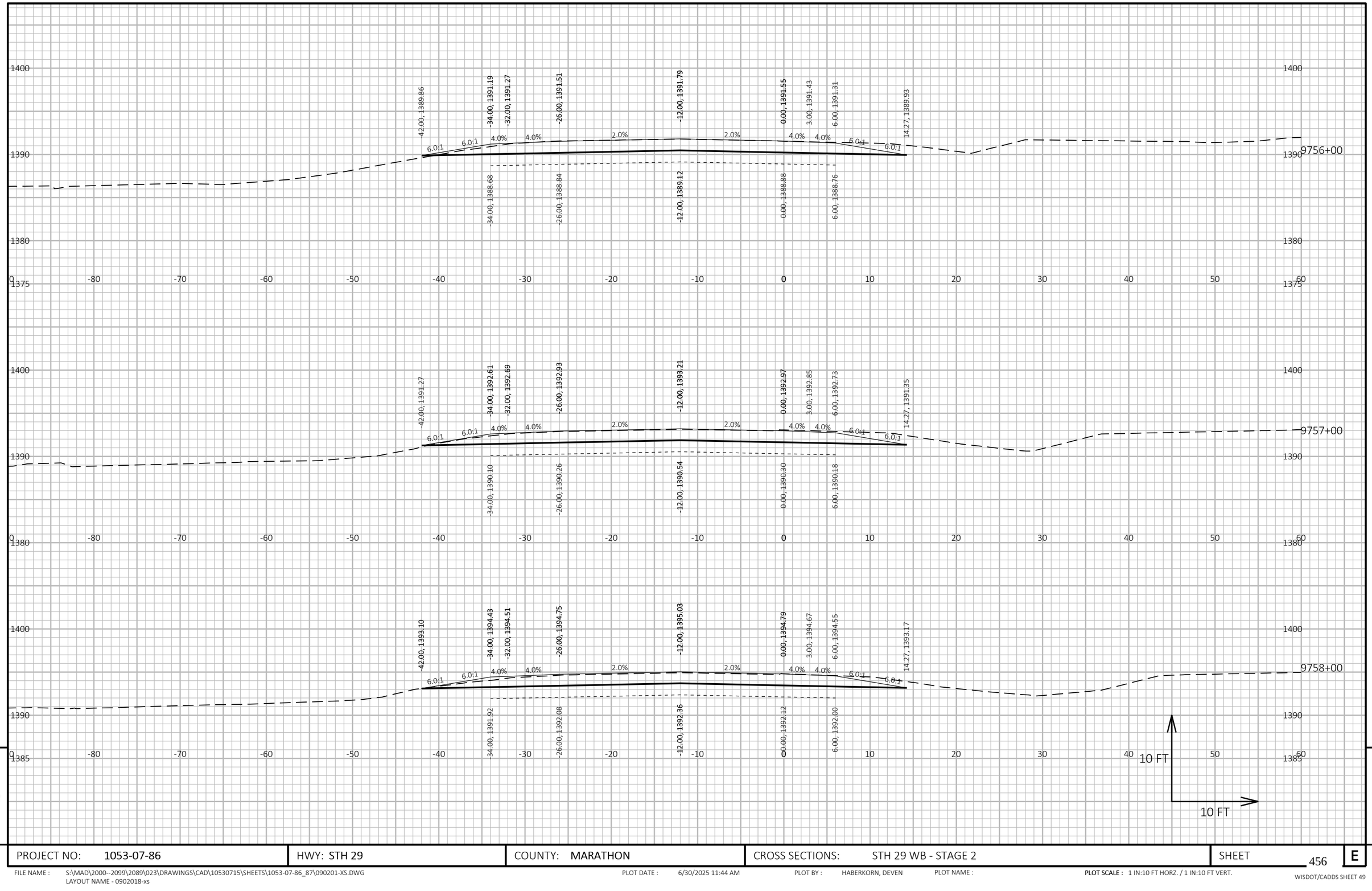


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 455	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902017-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

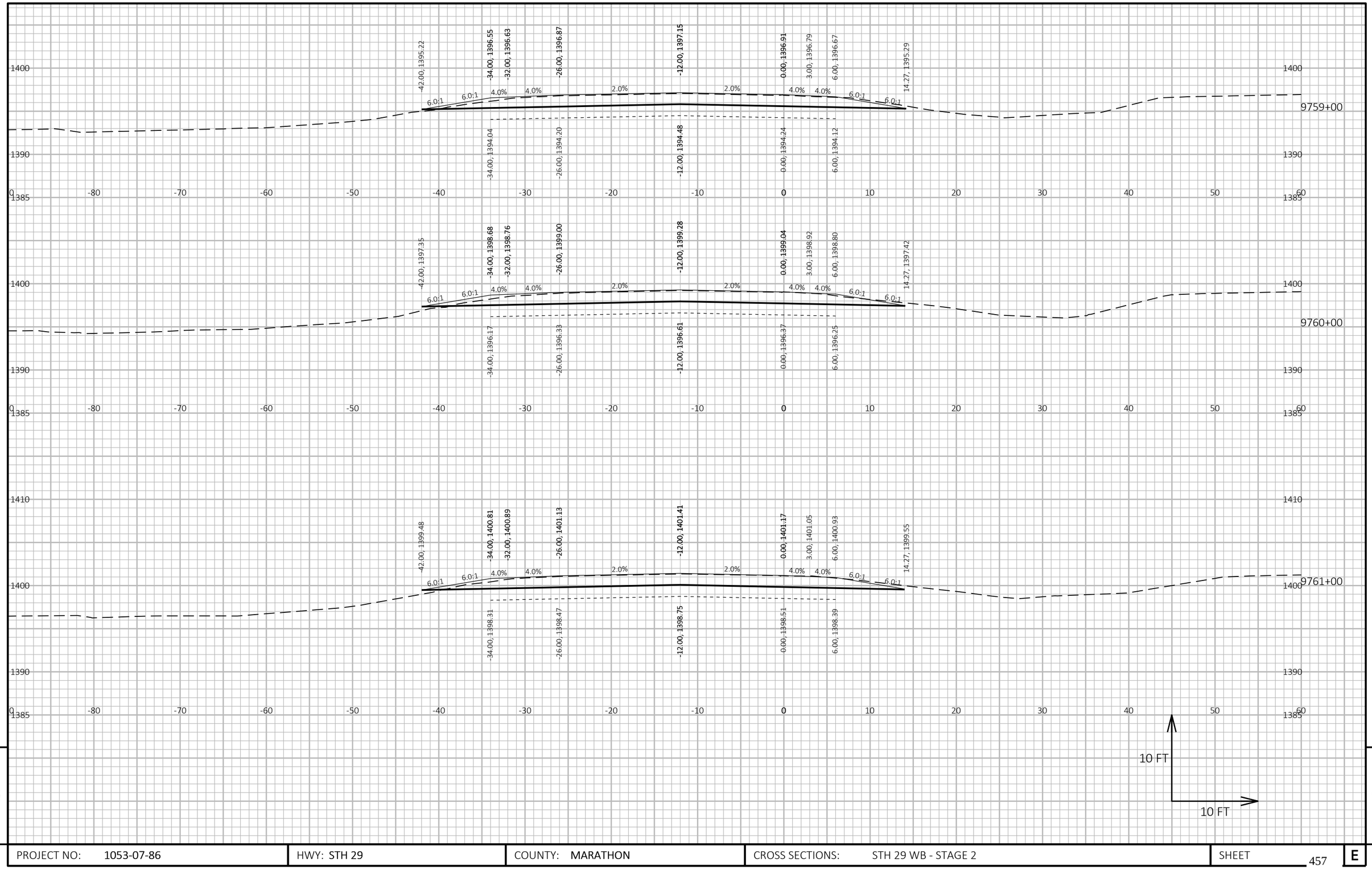


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 456 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902018-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

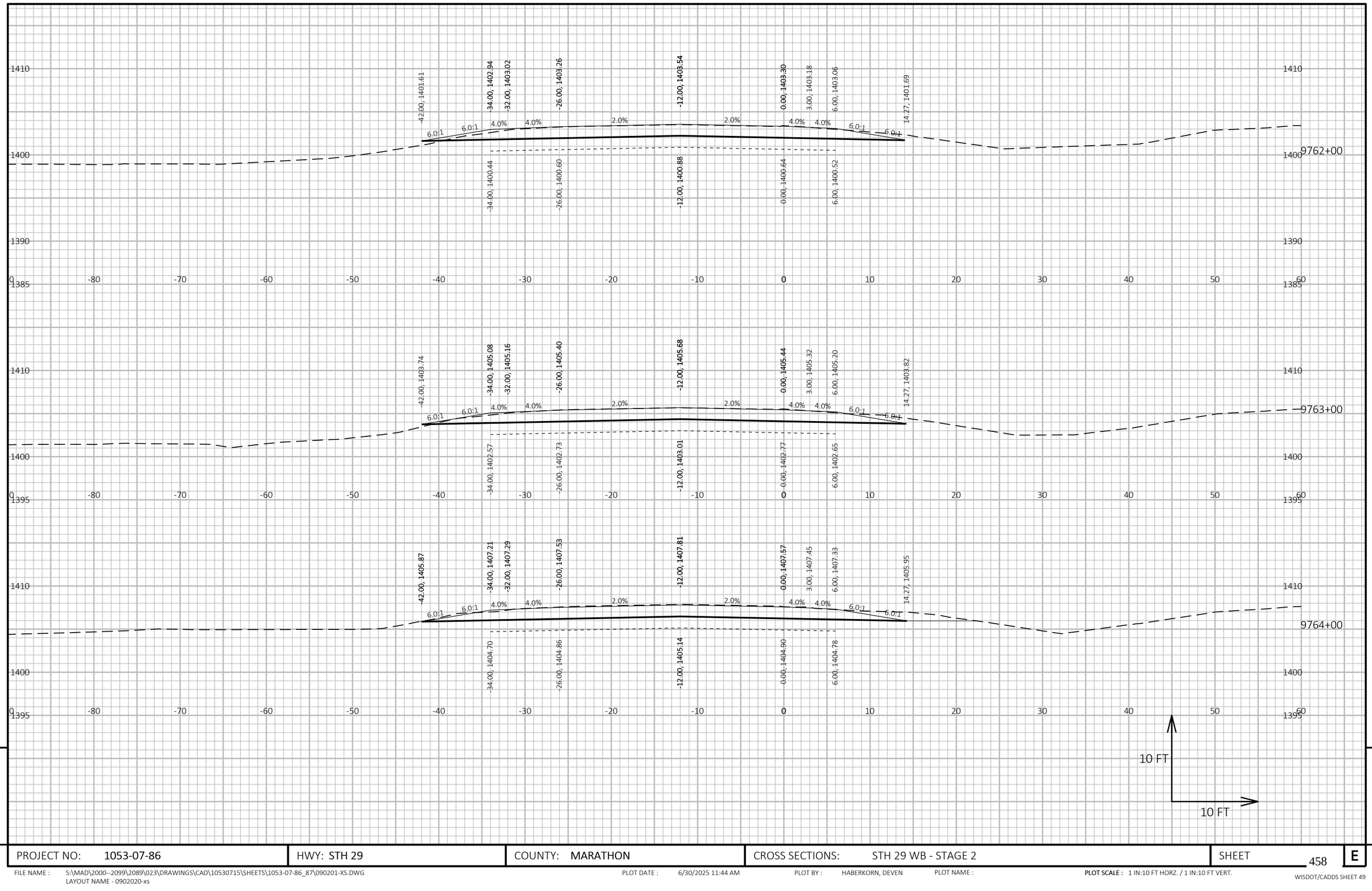


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 457	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902019-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

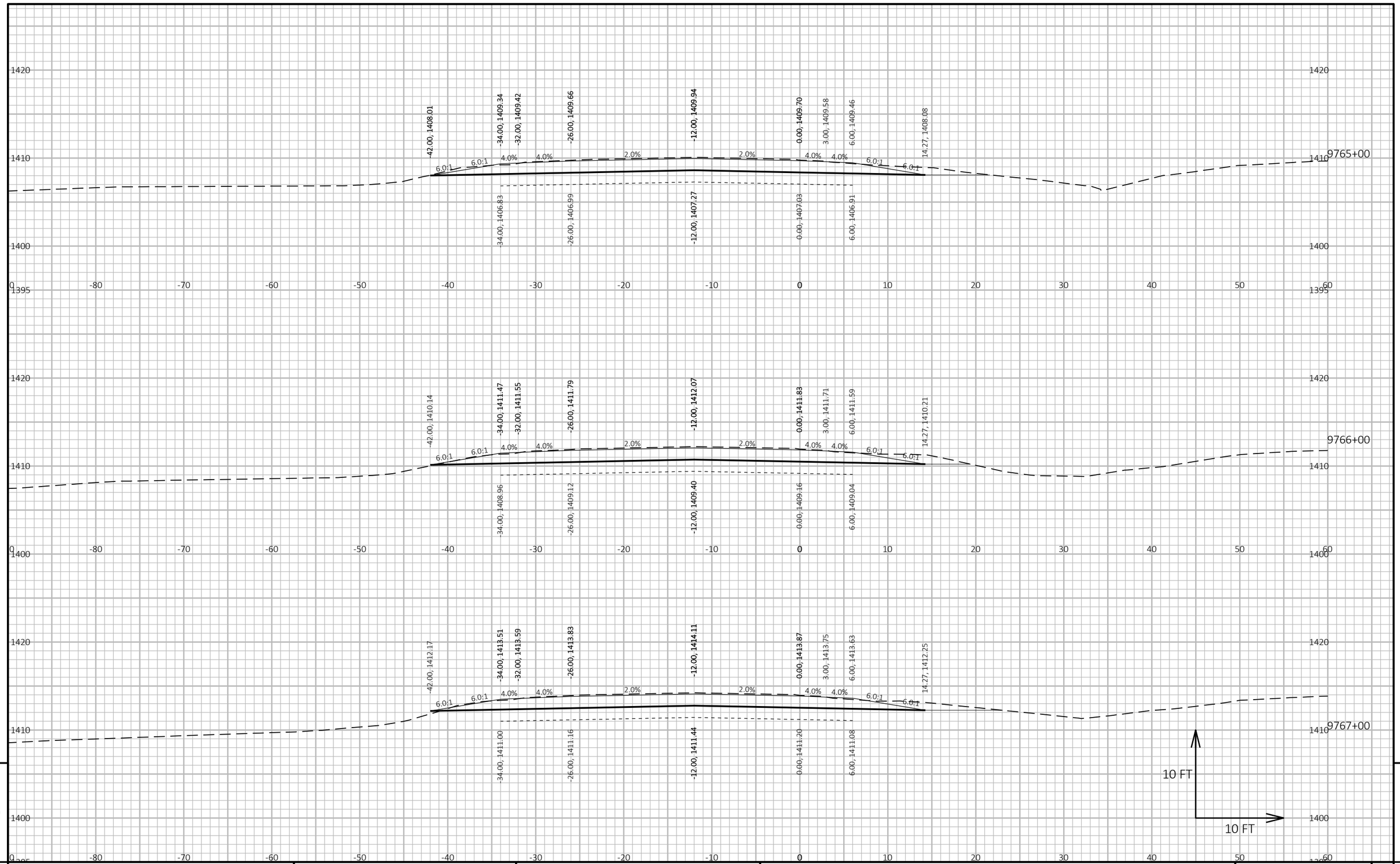


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 458	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902020-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



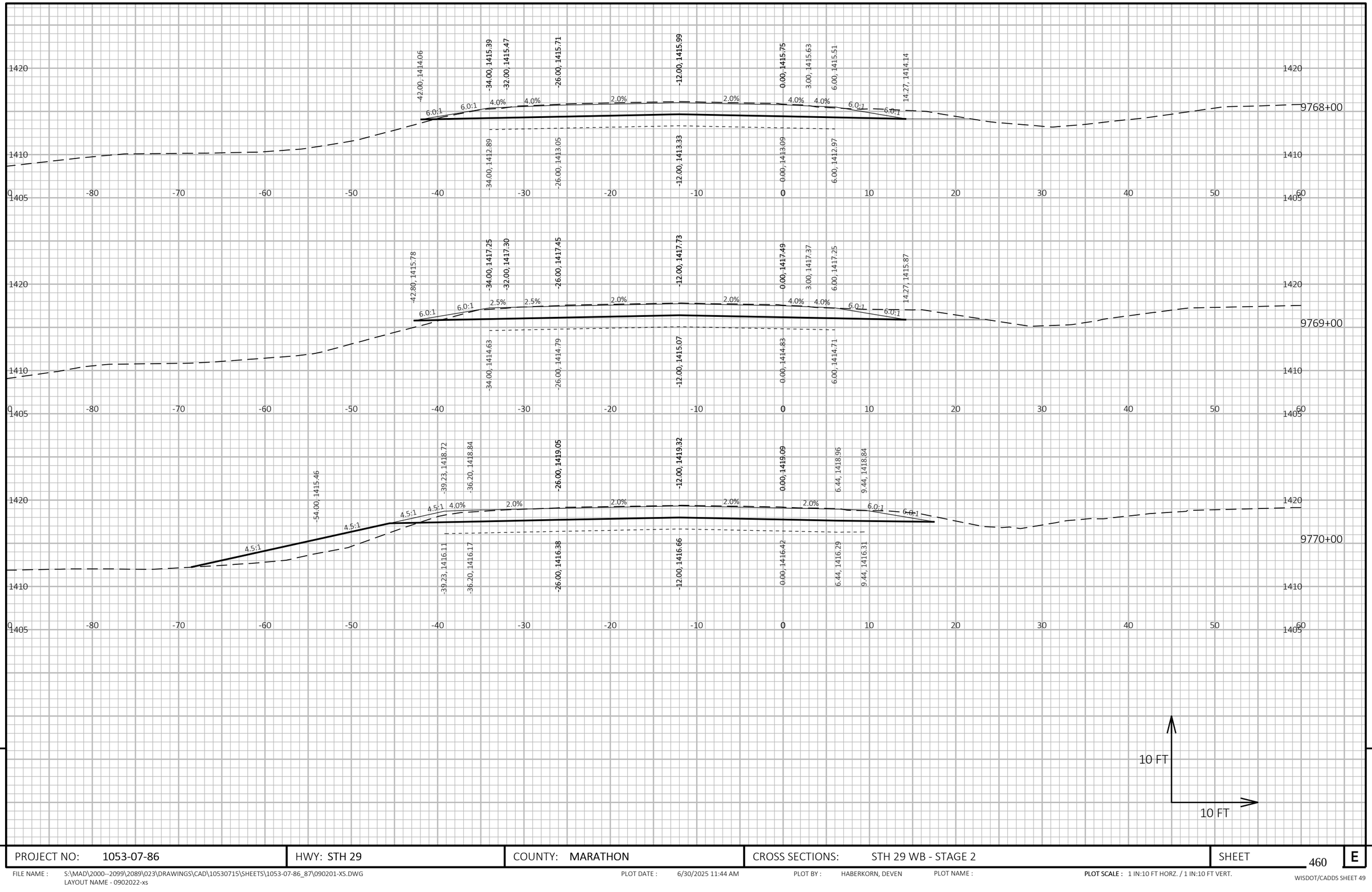
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 459	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902021-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 460	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902022-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

PIONEER ROAD
SEE CONSTRUCTION AND PLAN DETAILS
FOR ADDITIONAL INFORMATION.

PIONEER ROAD
SEE CONSTRUCTION AND PLAN DETAILS
FOR ADDITIONAL INFORMATION.

9770+75

-36.00, 1419.94 | -26.00, 1420.14 | -12.00, 1420.42 | 0.00, 1420.18 | 12.00, 1419.94

2.0% | 2.0% | 2.0% | 2.0%

-36.00, 1417.28 | -26.00, 1417.48 | -12.00, 1417.76 | 0.00, 1417.52 | 12.00, 1417.28

9771+00

-36.00, 1420.29 | -26.00, 1420.49 | -12.00, 1420.77 | 0.00, 1420.53 | 12.00, 1420.29

2.0% | 2.0% | 2.0% | 2.0%

-36.00, 1417.62 | -26.00, 1417.82 | -12.00, 1418.10 | 0.00, 1417.86 | 12.00, 1417.62

9772+00

-54.00, 1417.71 | -39.00, 1421.46 | -36.00, 1421.58 | -26.00, 1421.78 | -12.00, 1422.06 | 0.00, 1421.82 | 12.00, 1421.58 | 15.00, 1421.46

4.0:1 | 4.0:1 | 4.0:1 | 4.0:1 | 4.0% | 2.0% | 2.0% | 2.0% | 2.0% | 6.0:1 | 6.0:1

-39.00, 1418.86 | -36.00, 1418.92 | -26.00, 1419.12 | -12.00, 1419.40 | 0.00, 1419.16 | 12.00, 1418.92 | 15.00, 1418.84

10 FT

10 FT

9 | 9

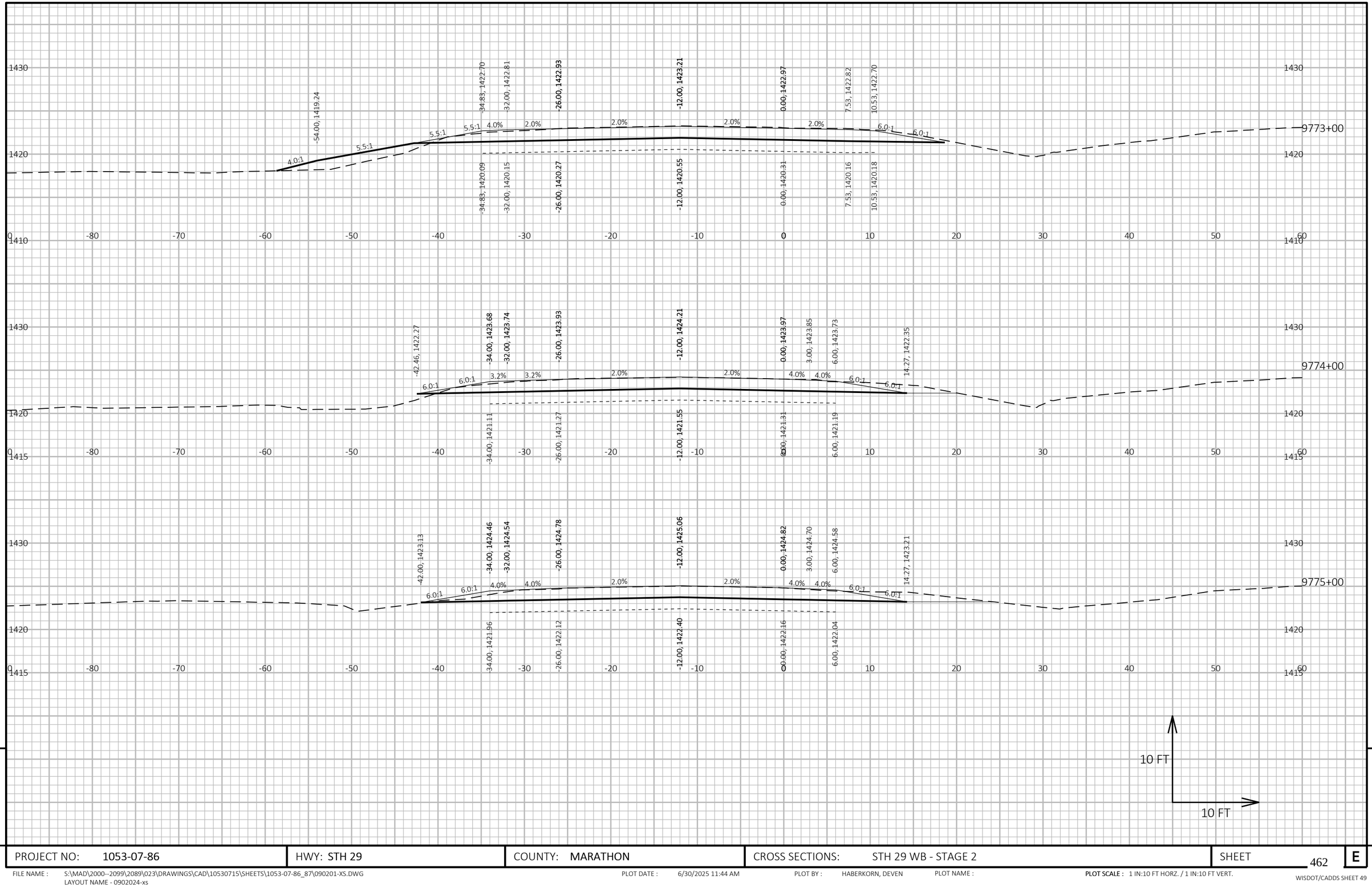
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 461	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902023-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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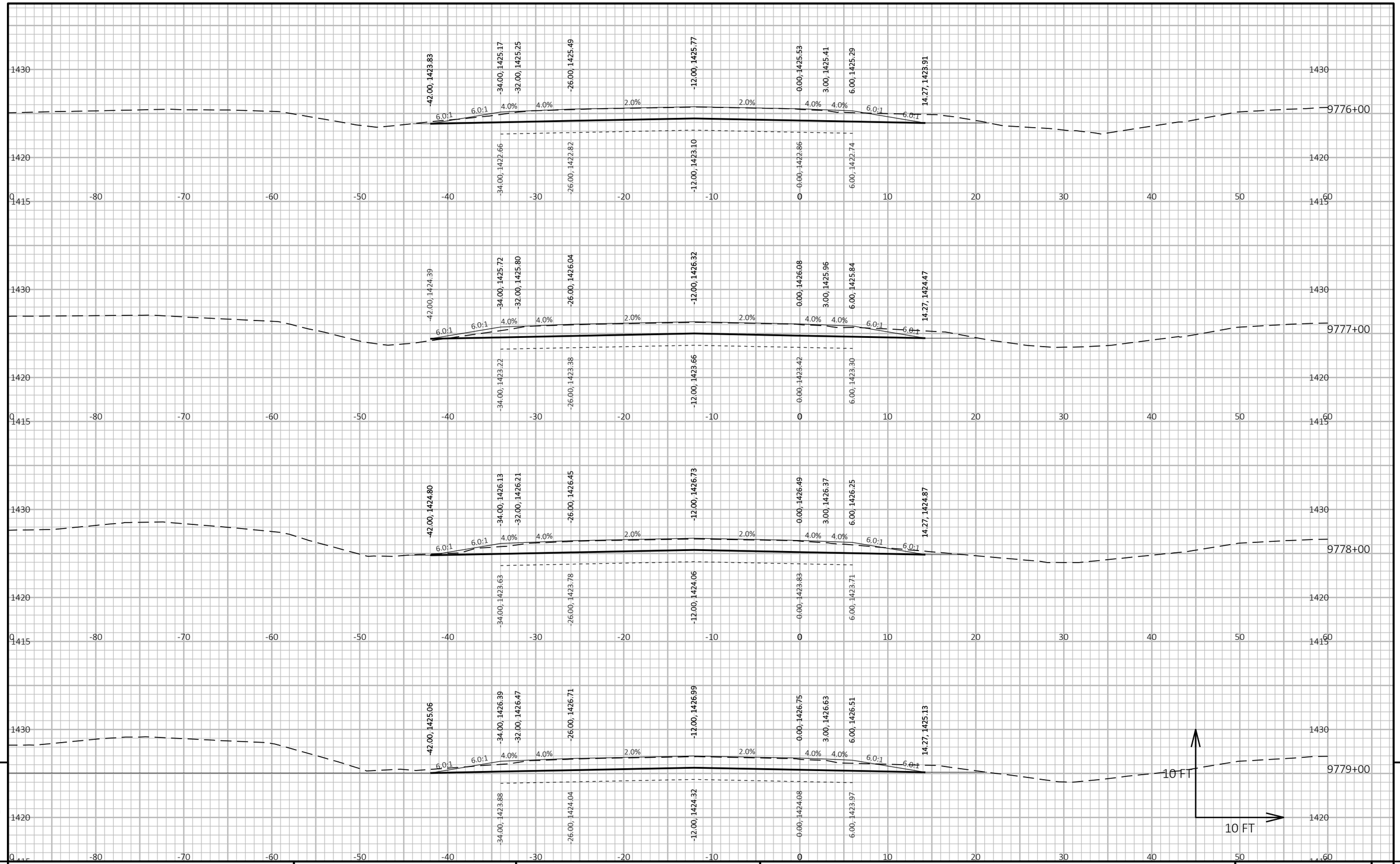
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 462	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090201-XS.DWG
LAYOUT NAME - 0902024-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 463	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902029-xs

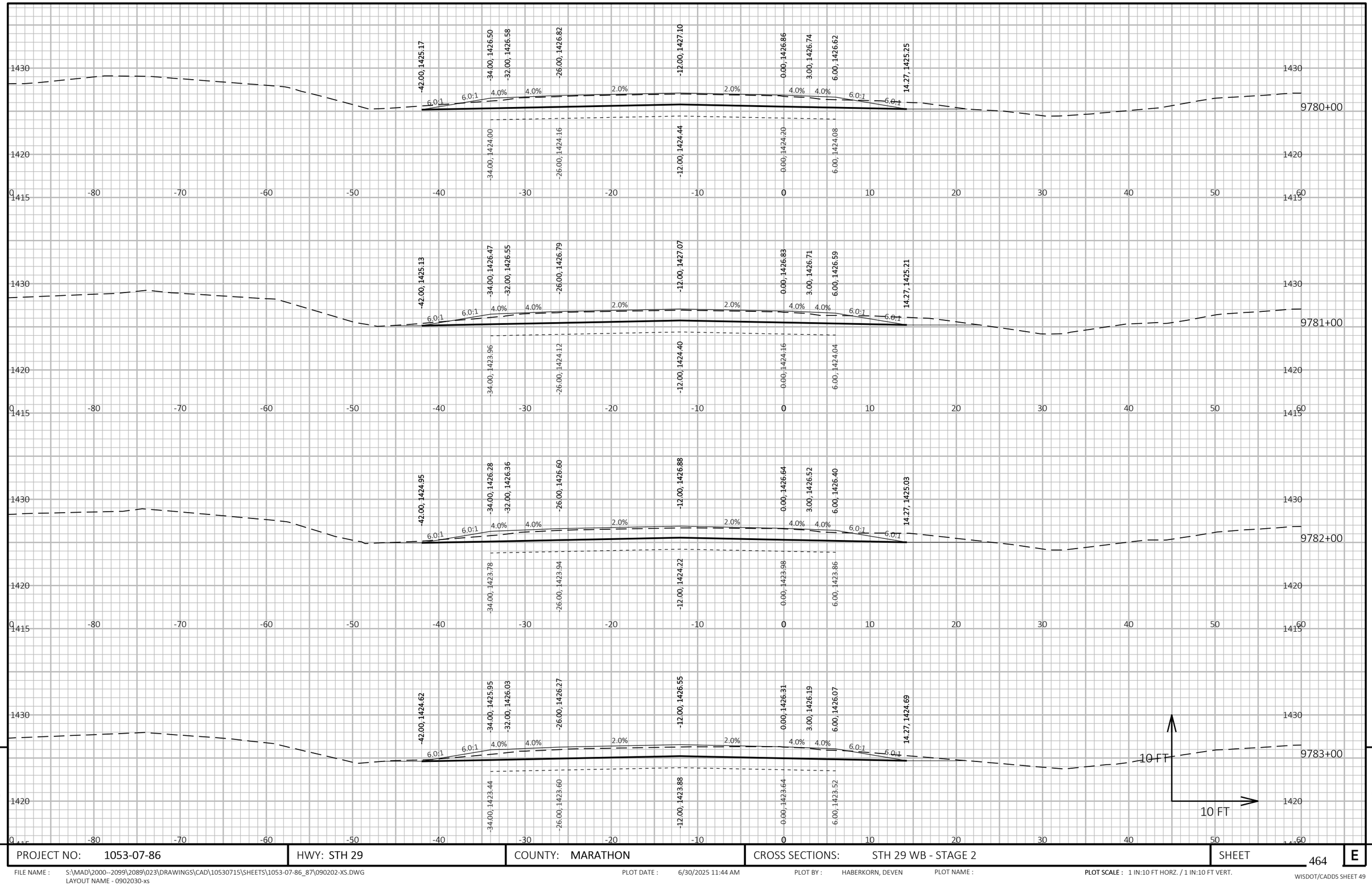
PLOT DATE : 6/30/2025 11:44 AM

PLOT BY : HABERKORN, DEVEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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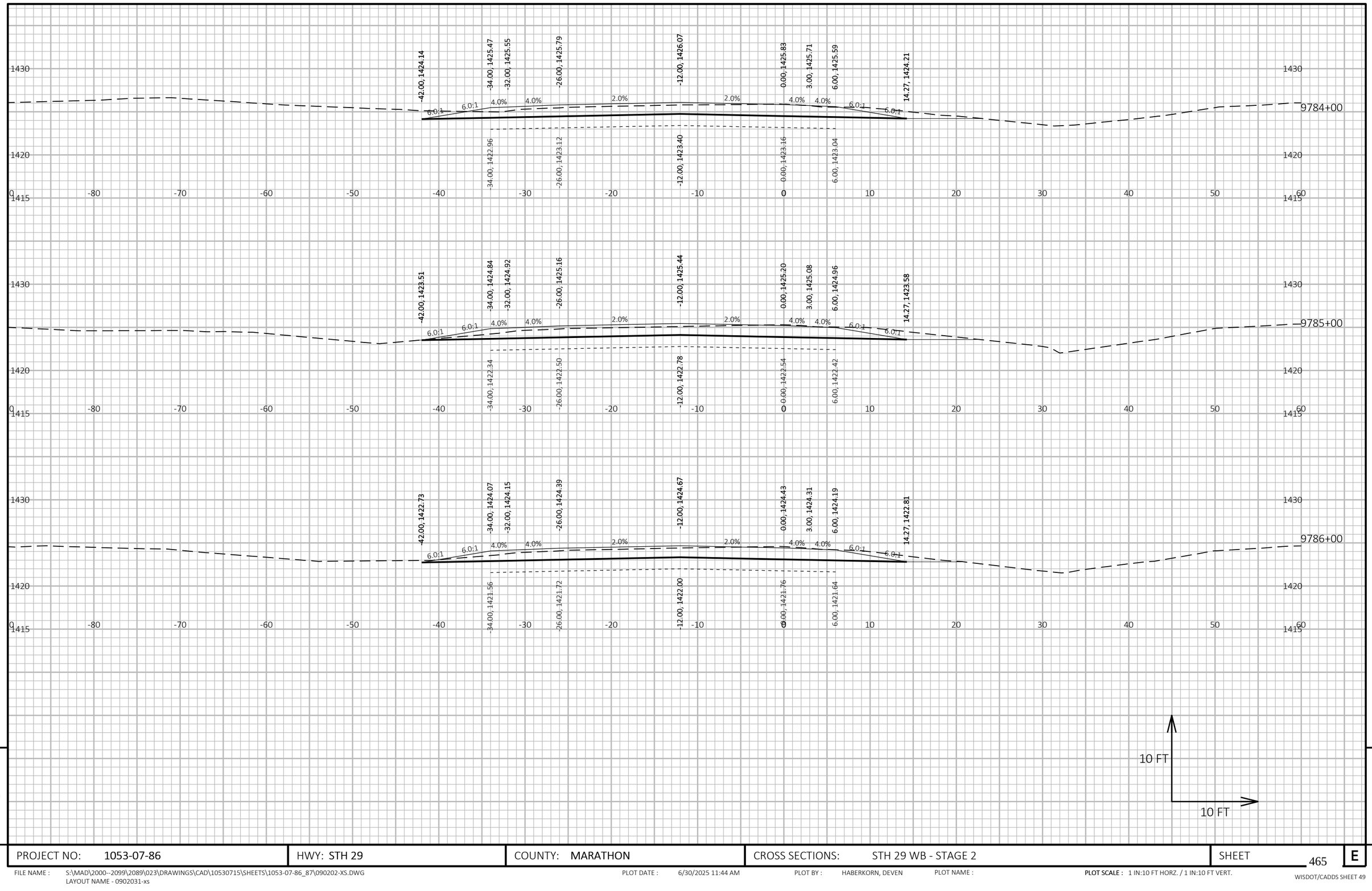
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 464	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902030-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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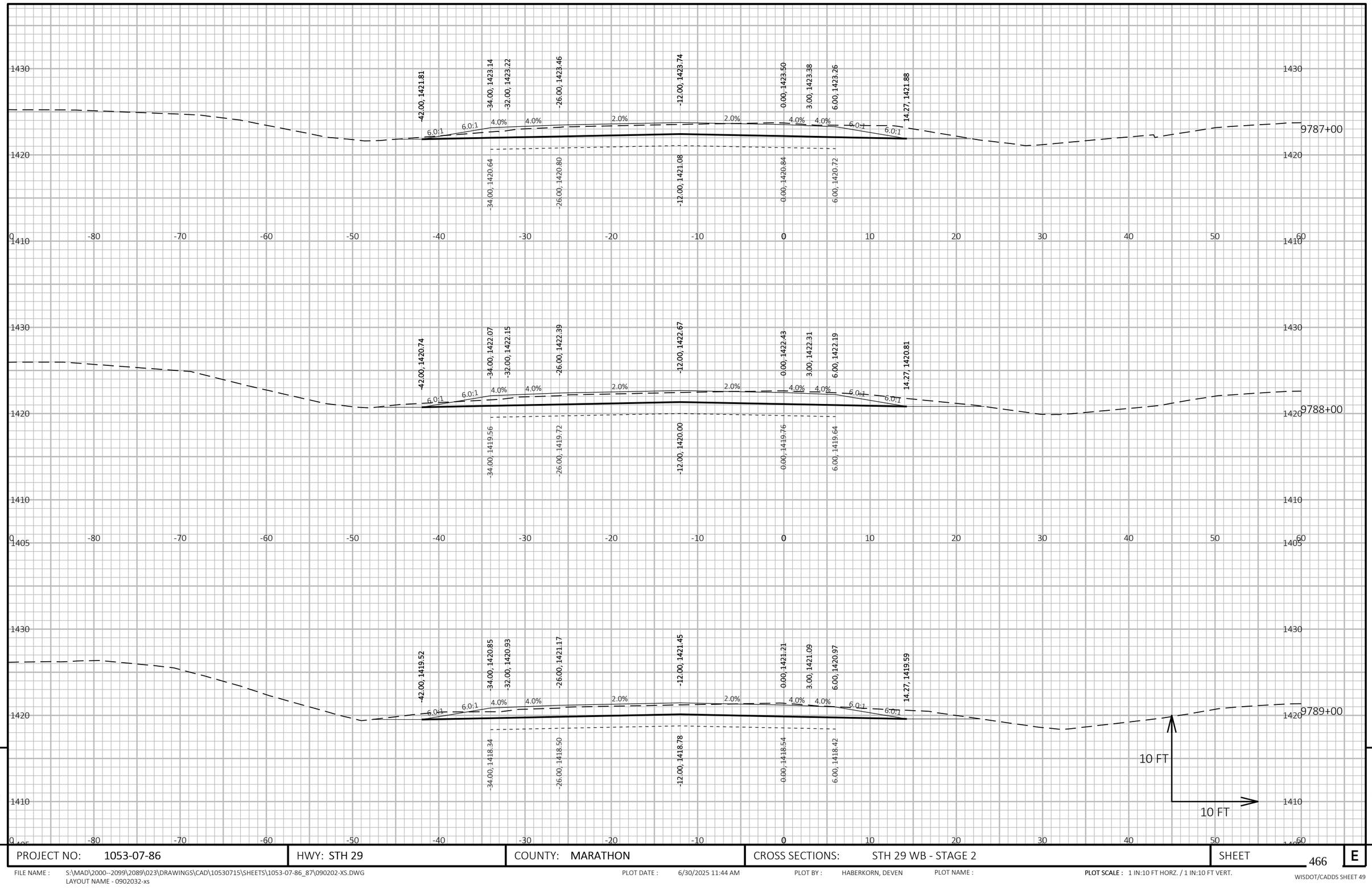
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 465	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902031-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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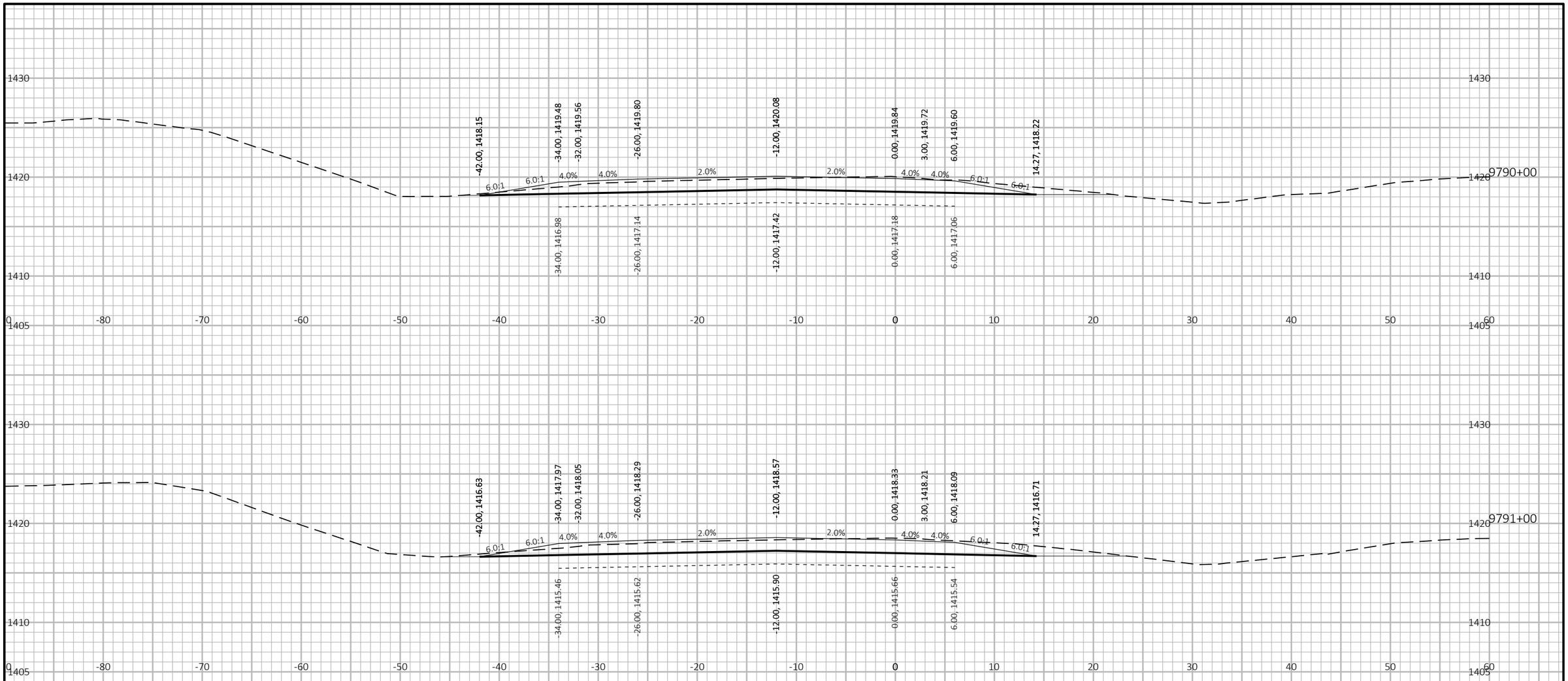
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 466	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902032-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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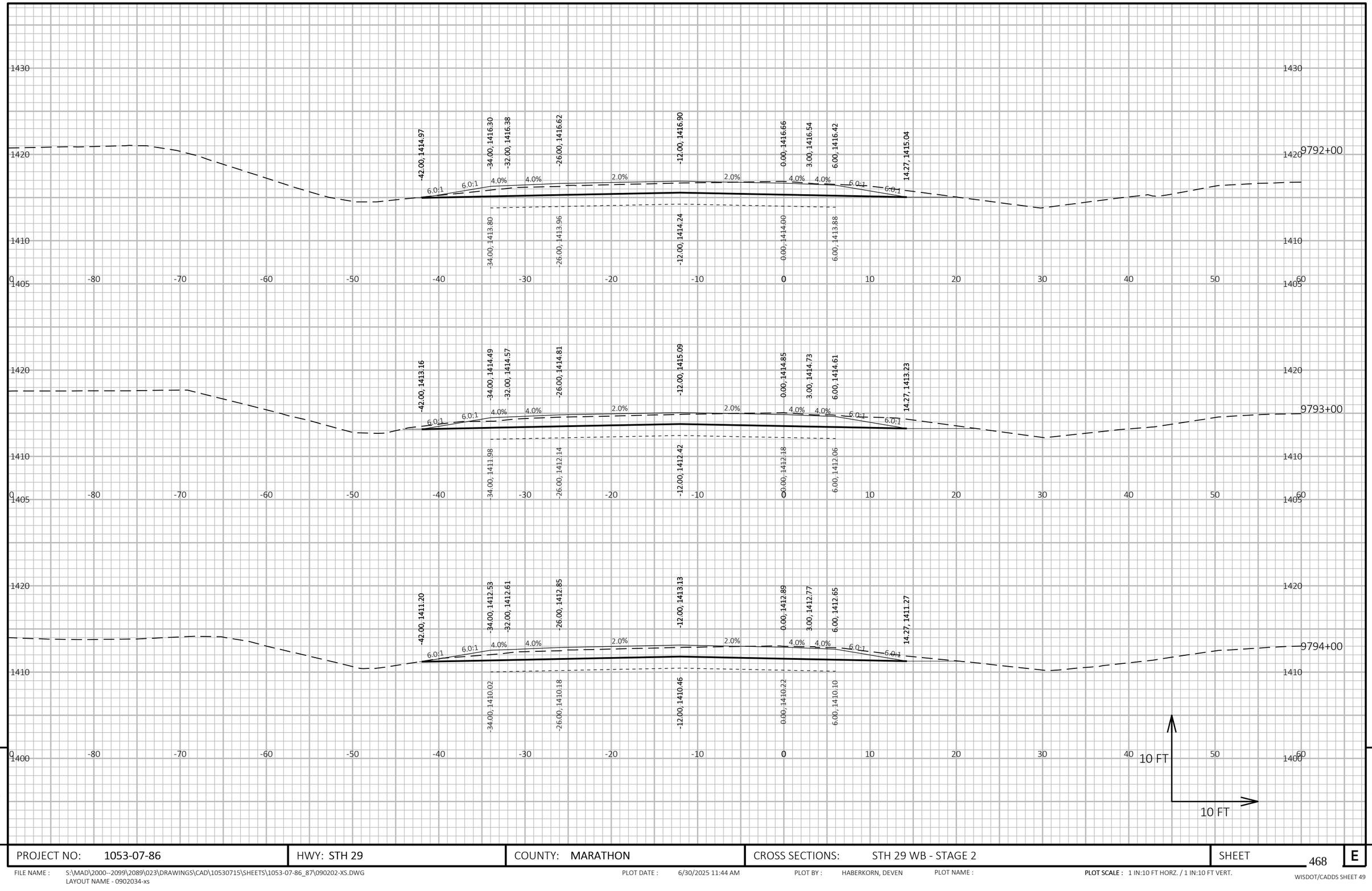
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 467	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902033-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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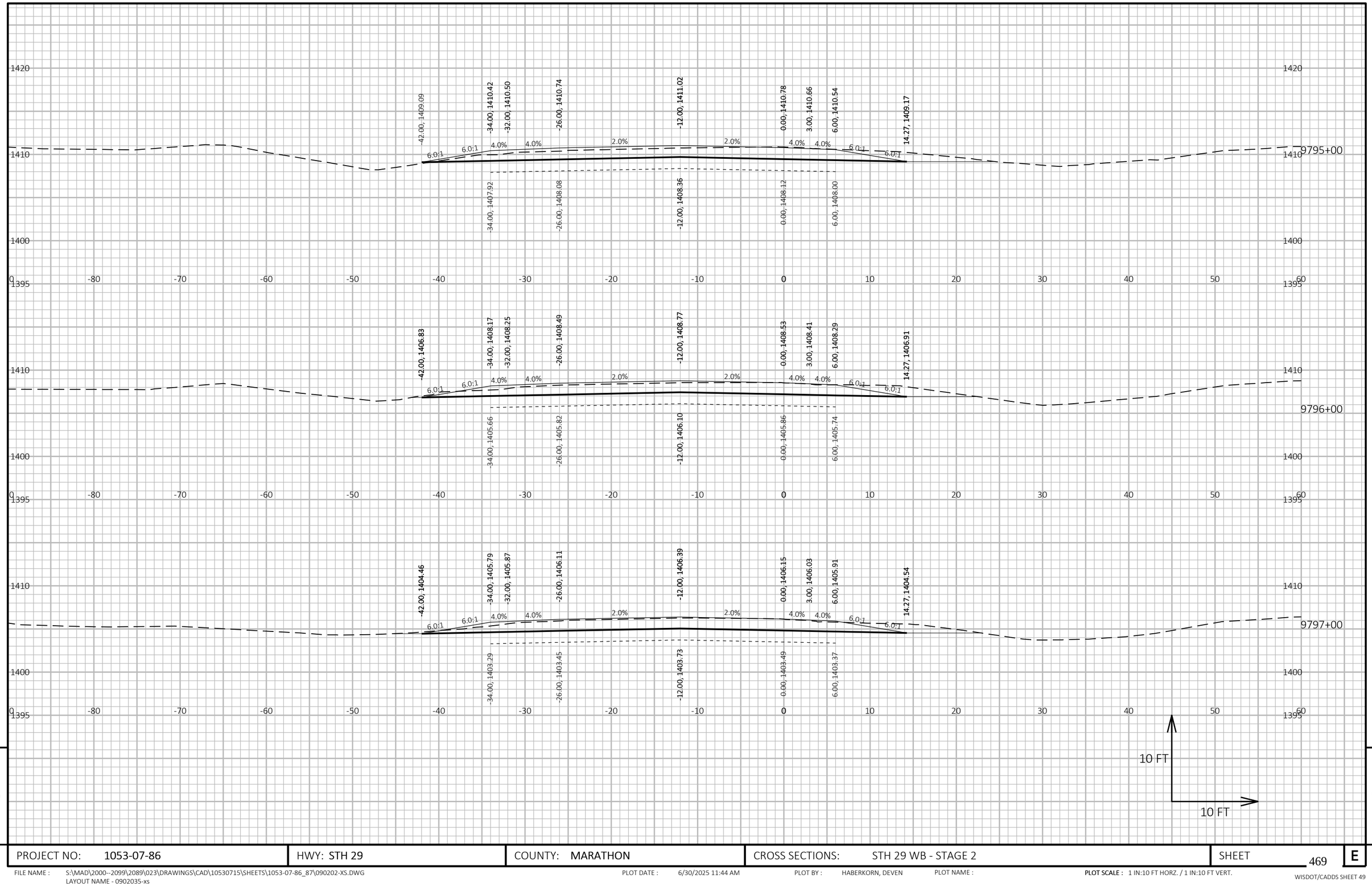
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 468	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902034-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

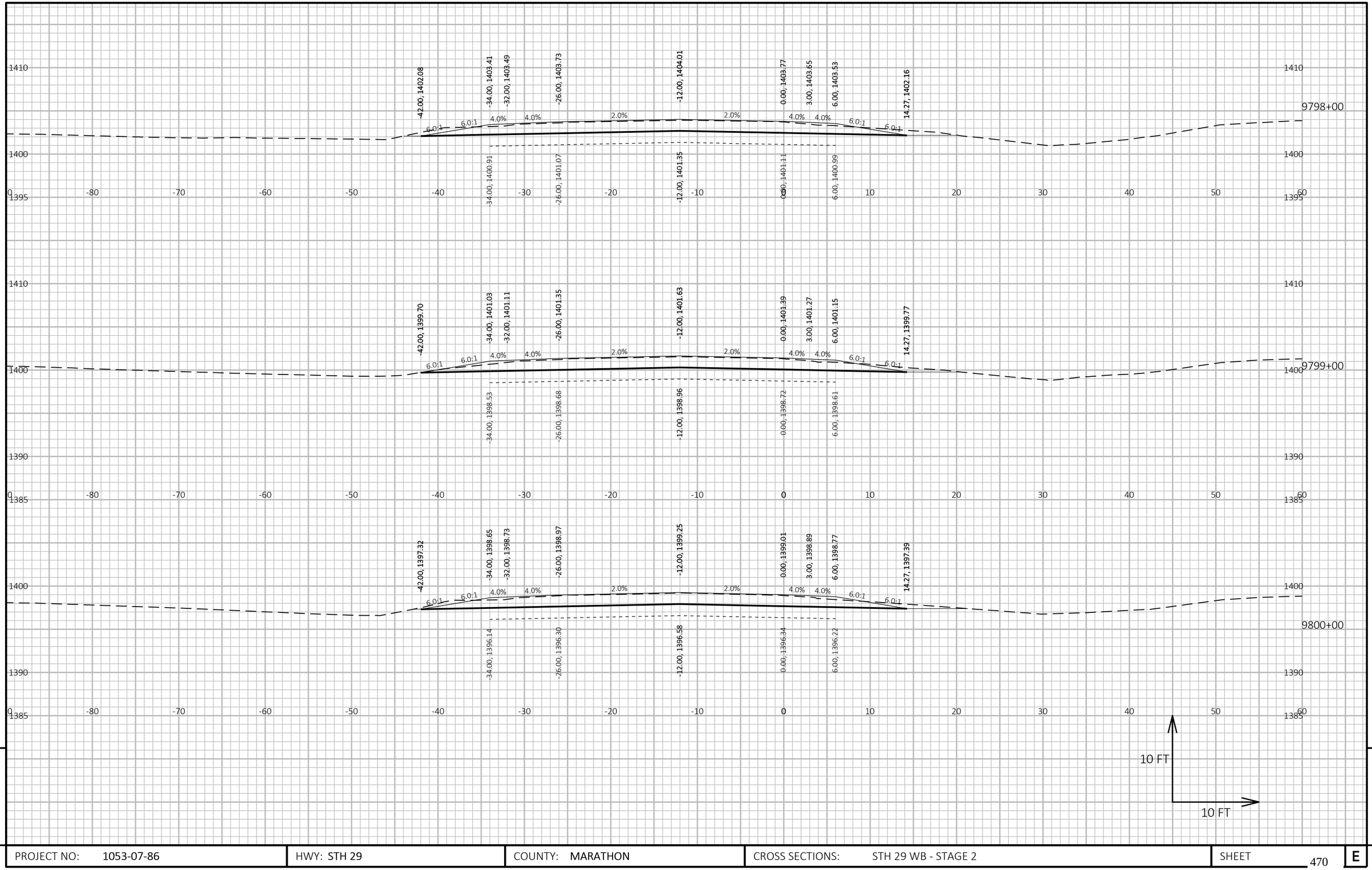
WISDOT/CADDS SHEET 49



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 469 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902035-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

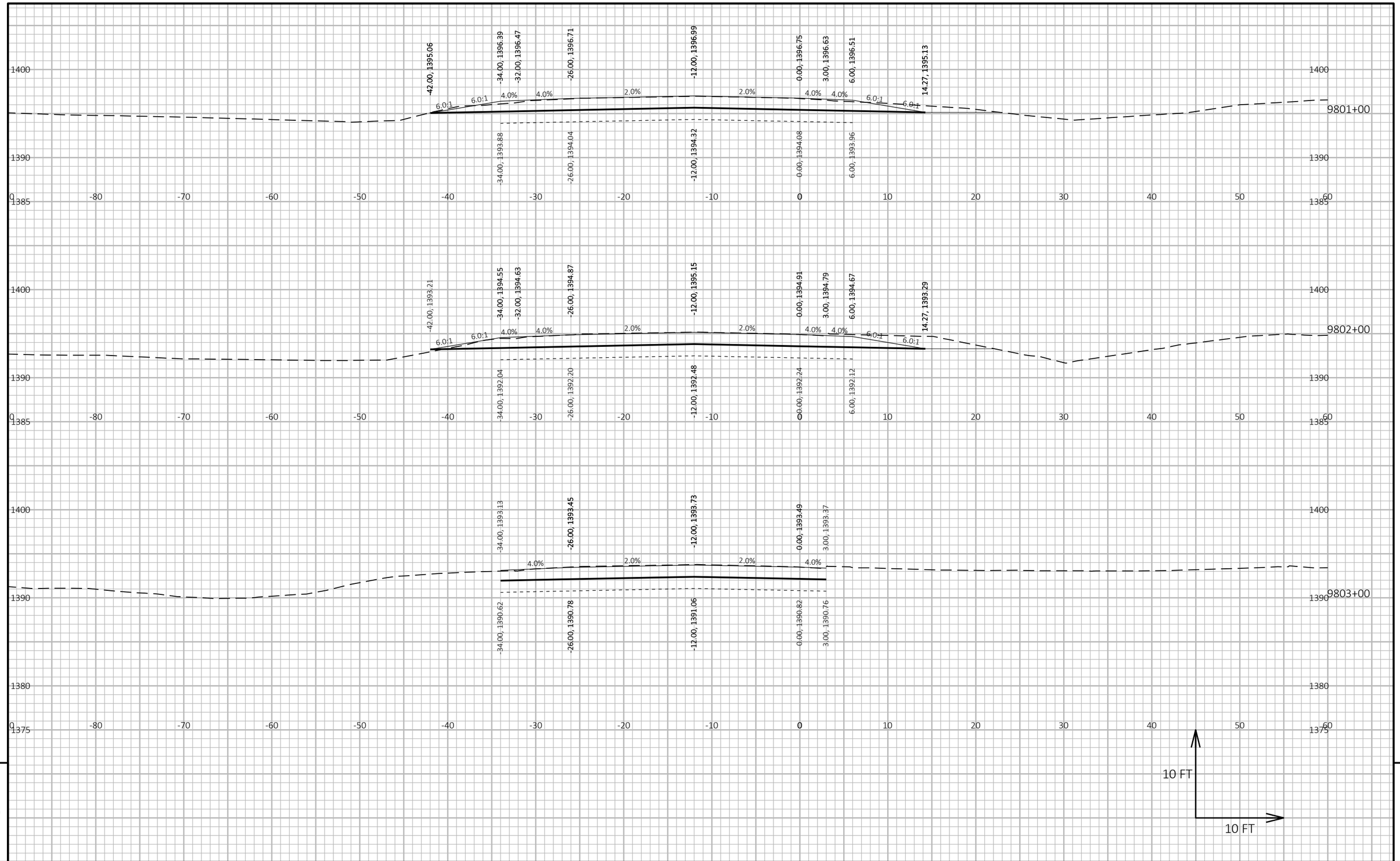


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 470 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902036-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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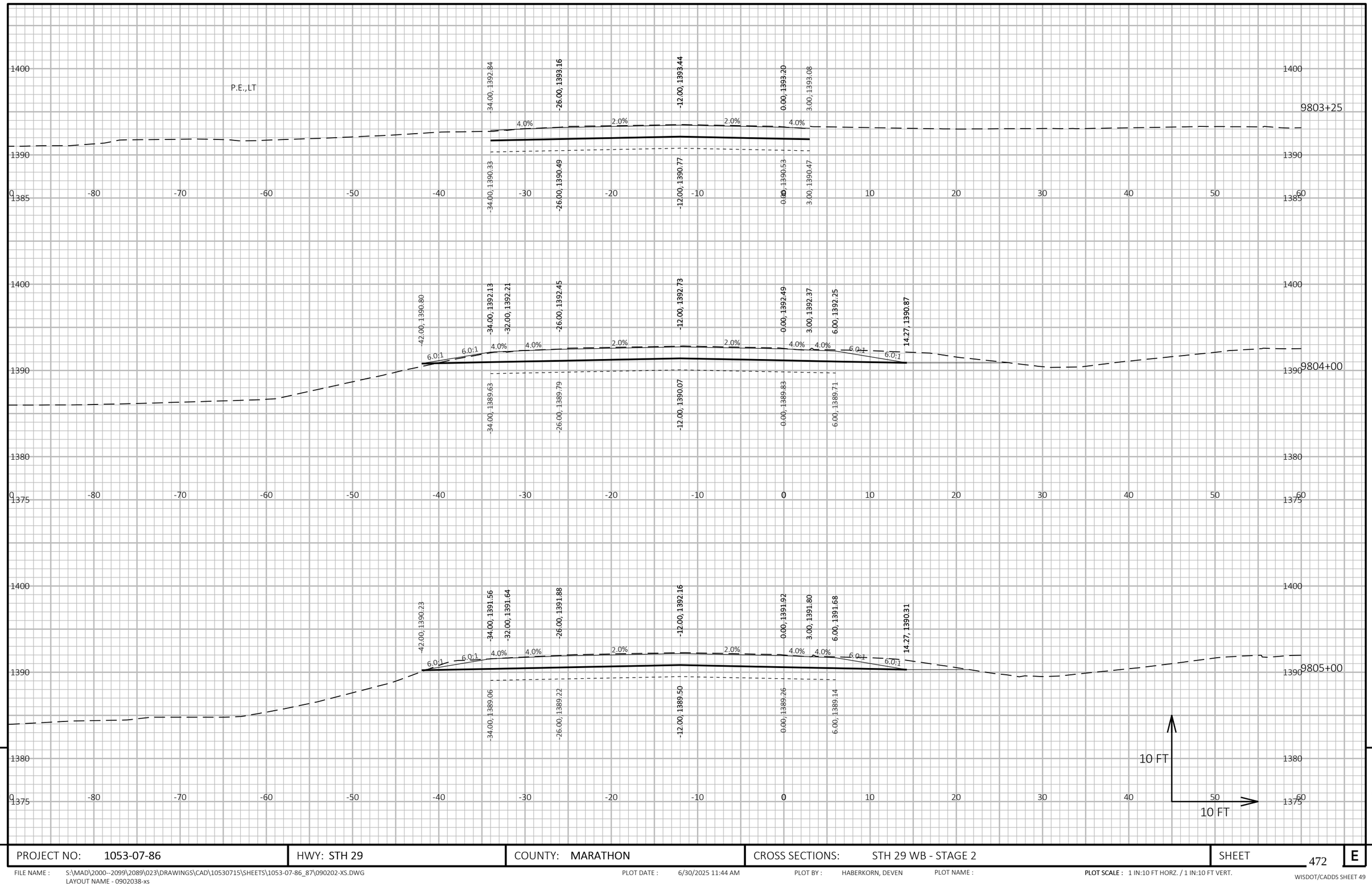
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 471	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902037-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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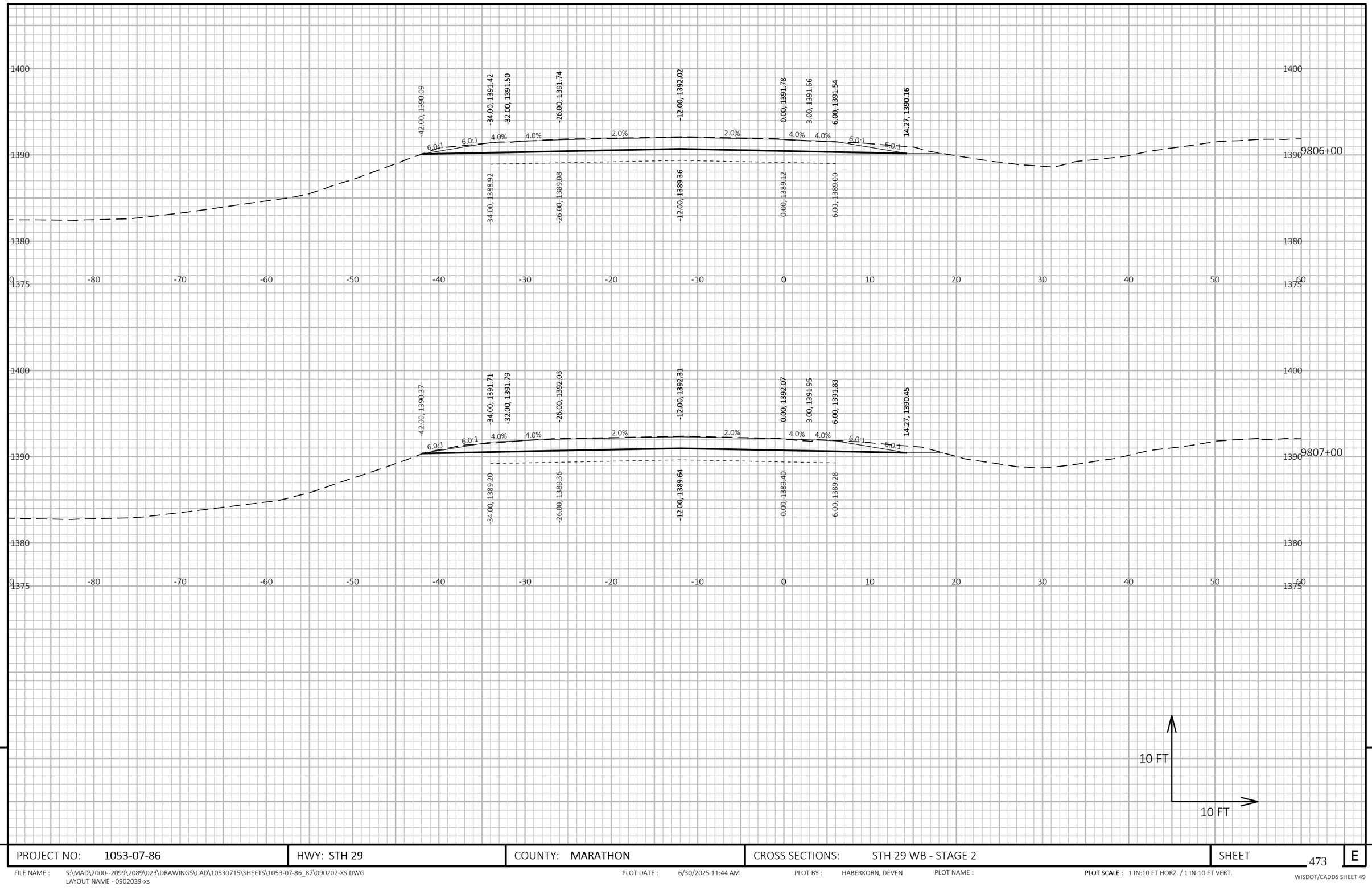
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 472	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902038-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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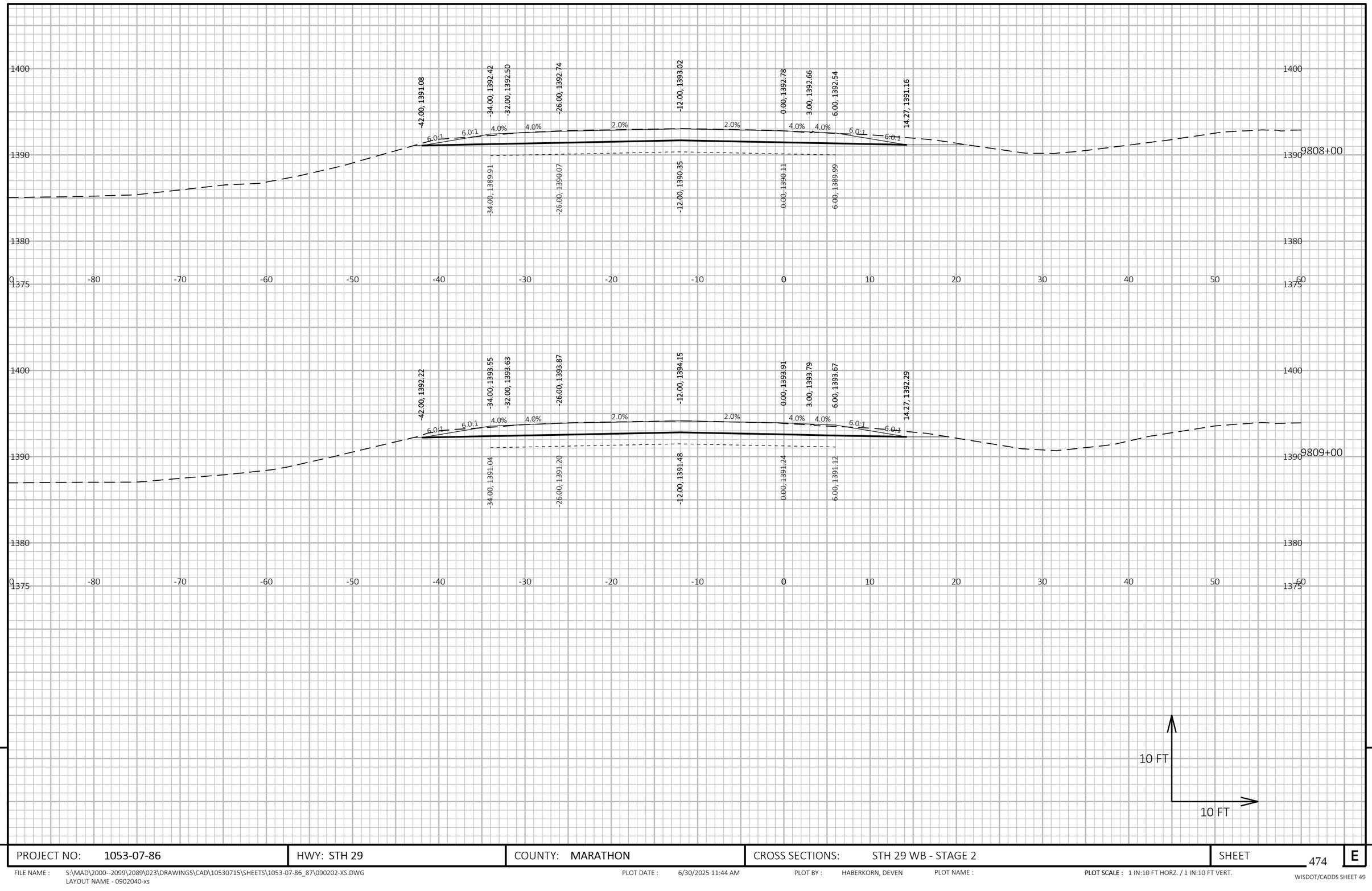
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 473	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902039-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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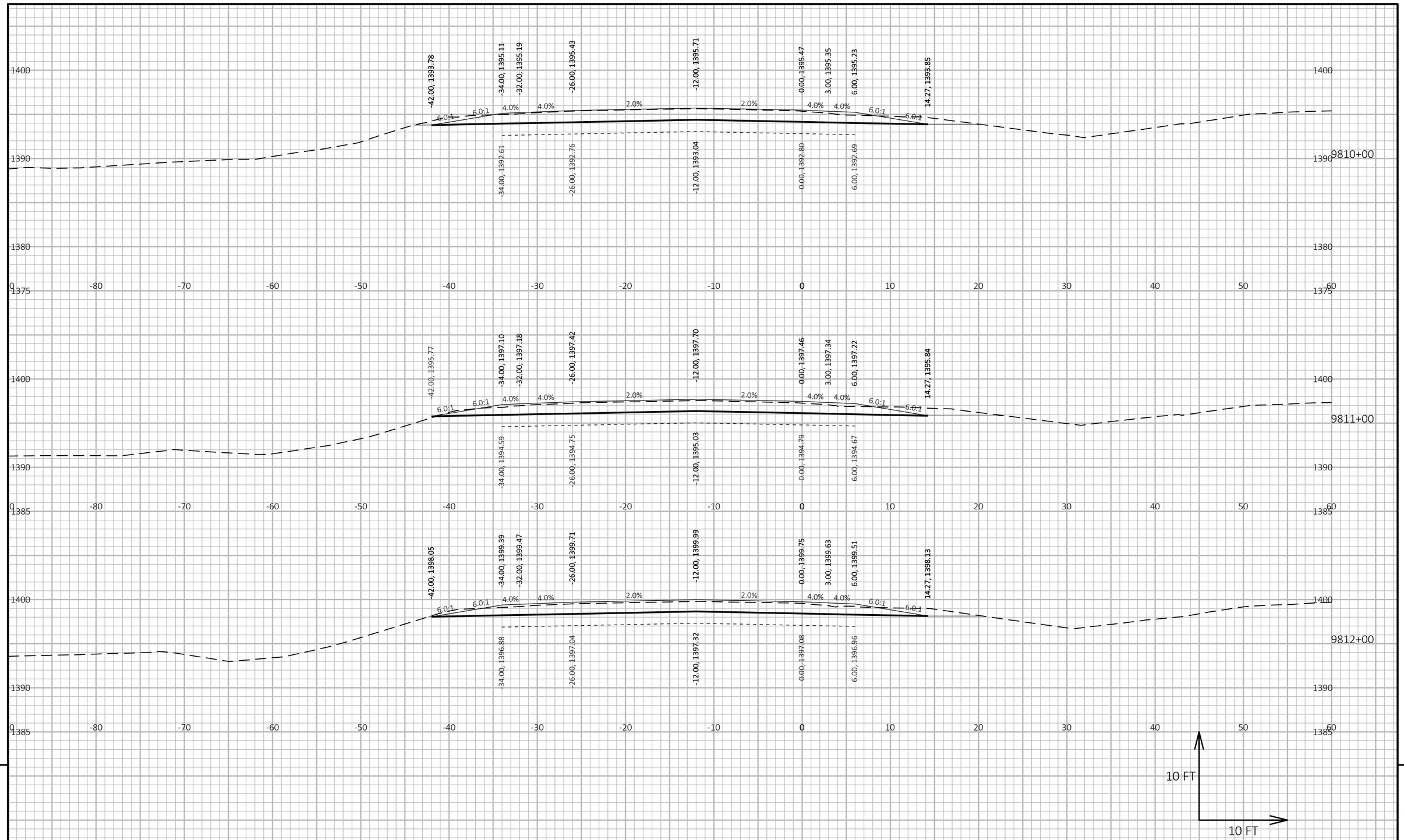
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 474	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902040-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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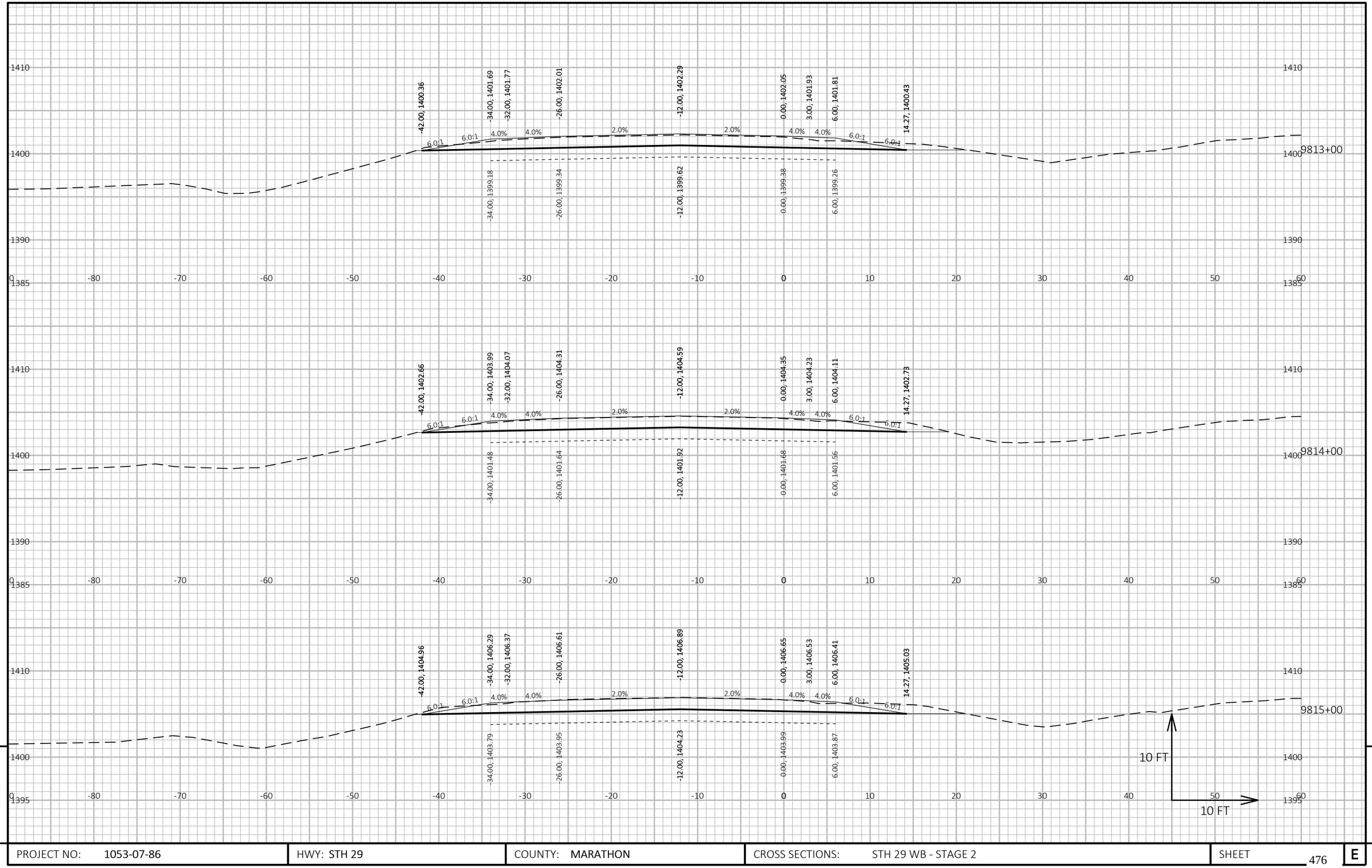
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 475	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902041-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

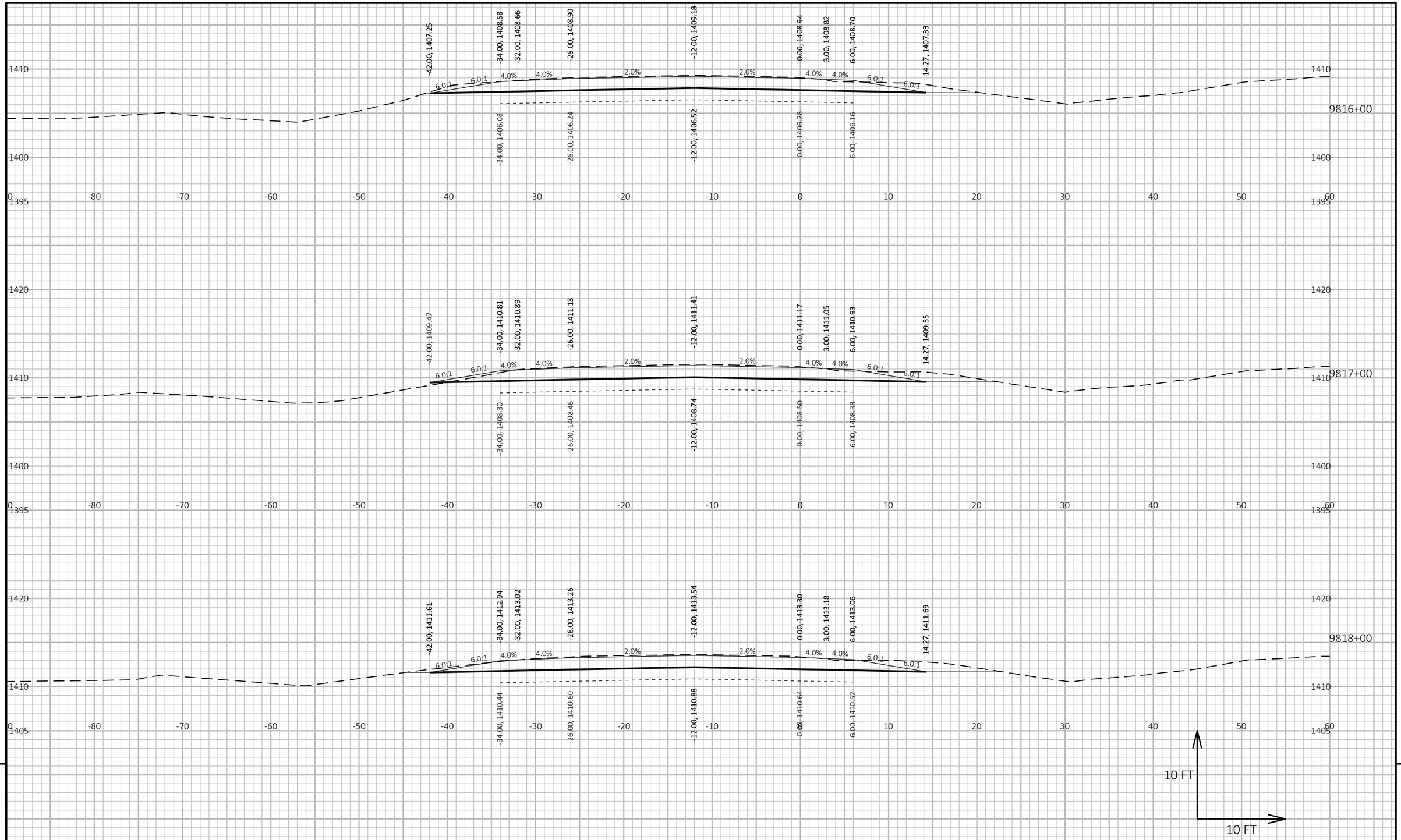


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 476	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902042-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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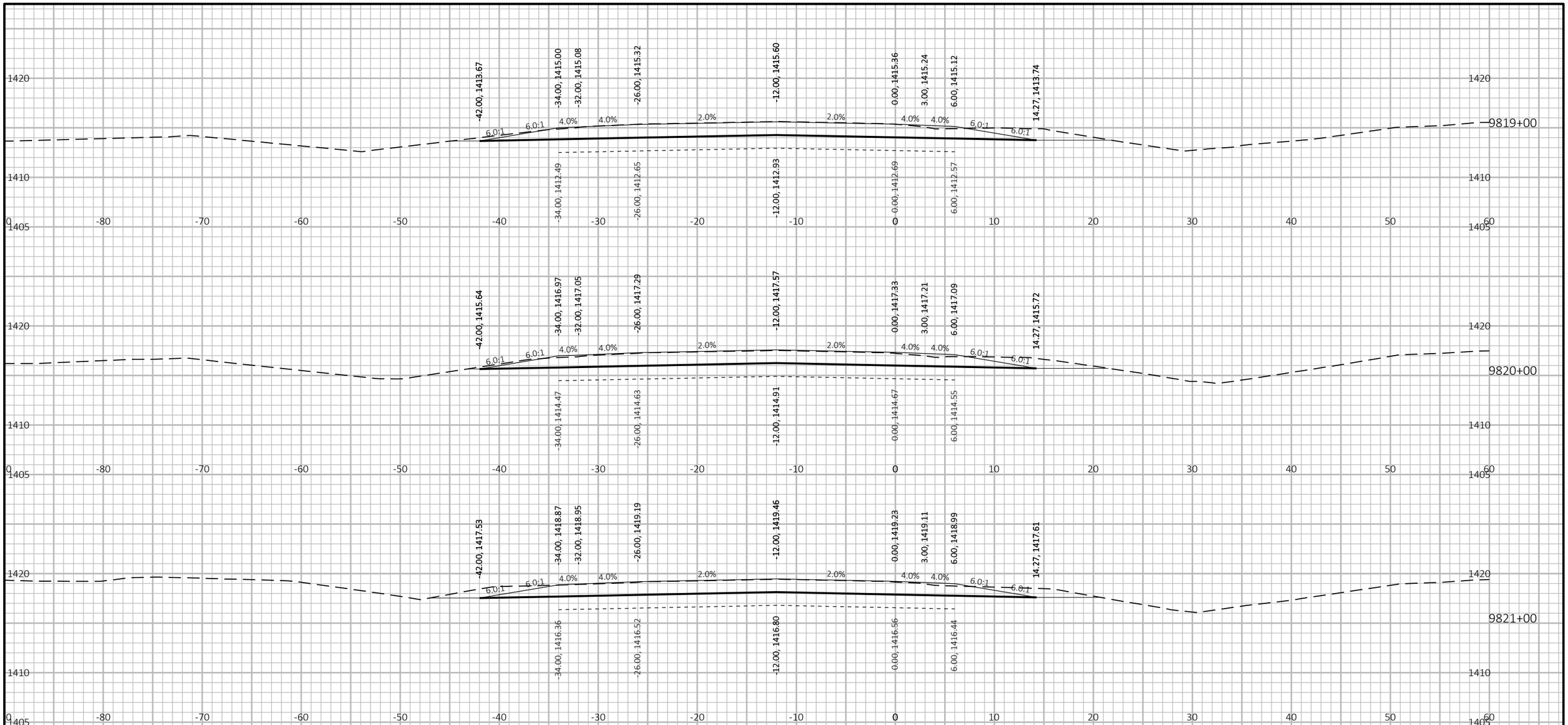
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 477	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902043-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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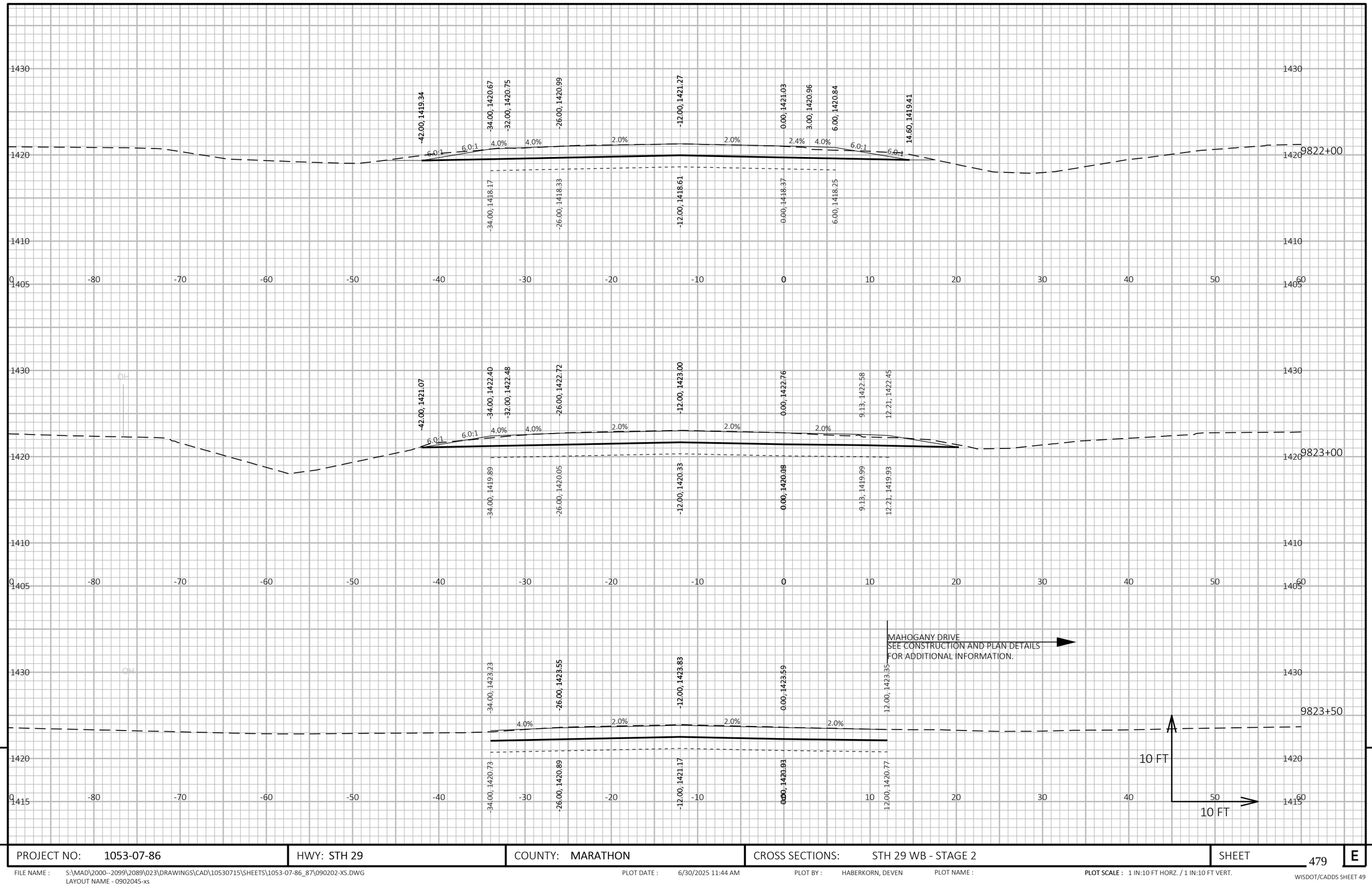
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 478	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902044-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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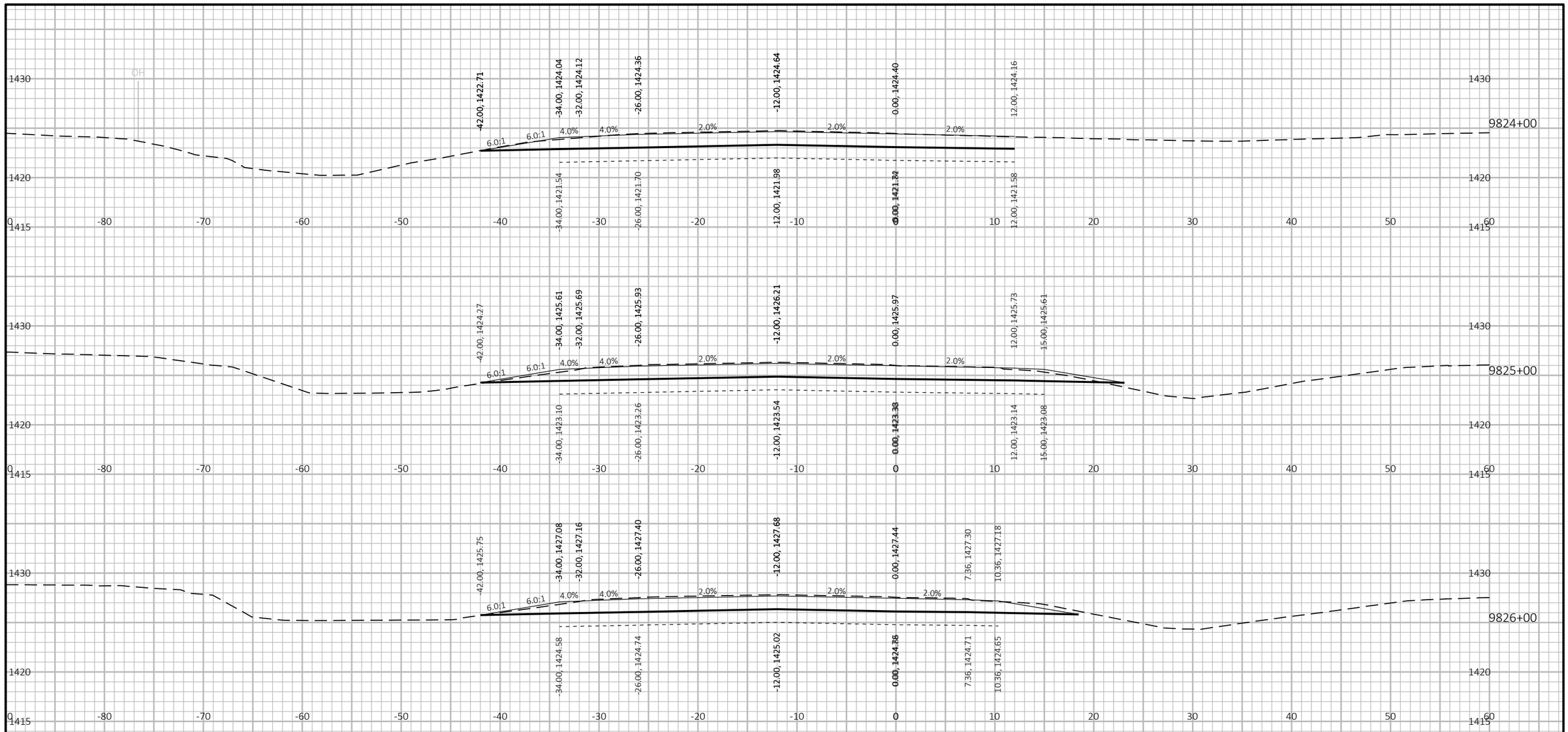
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 479	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902045-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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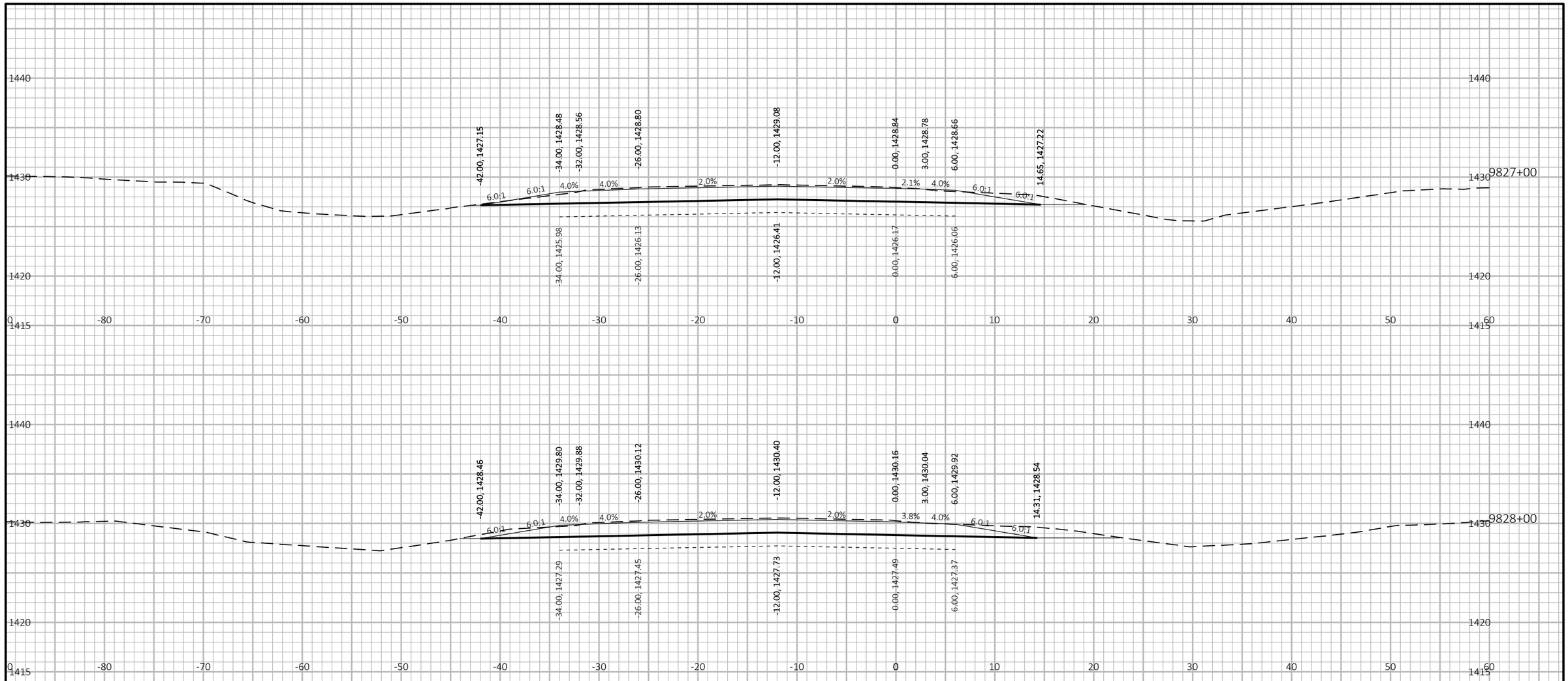
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 480	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902046-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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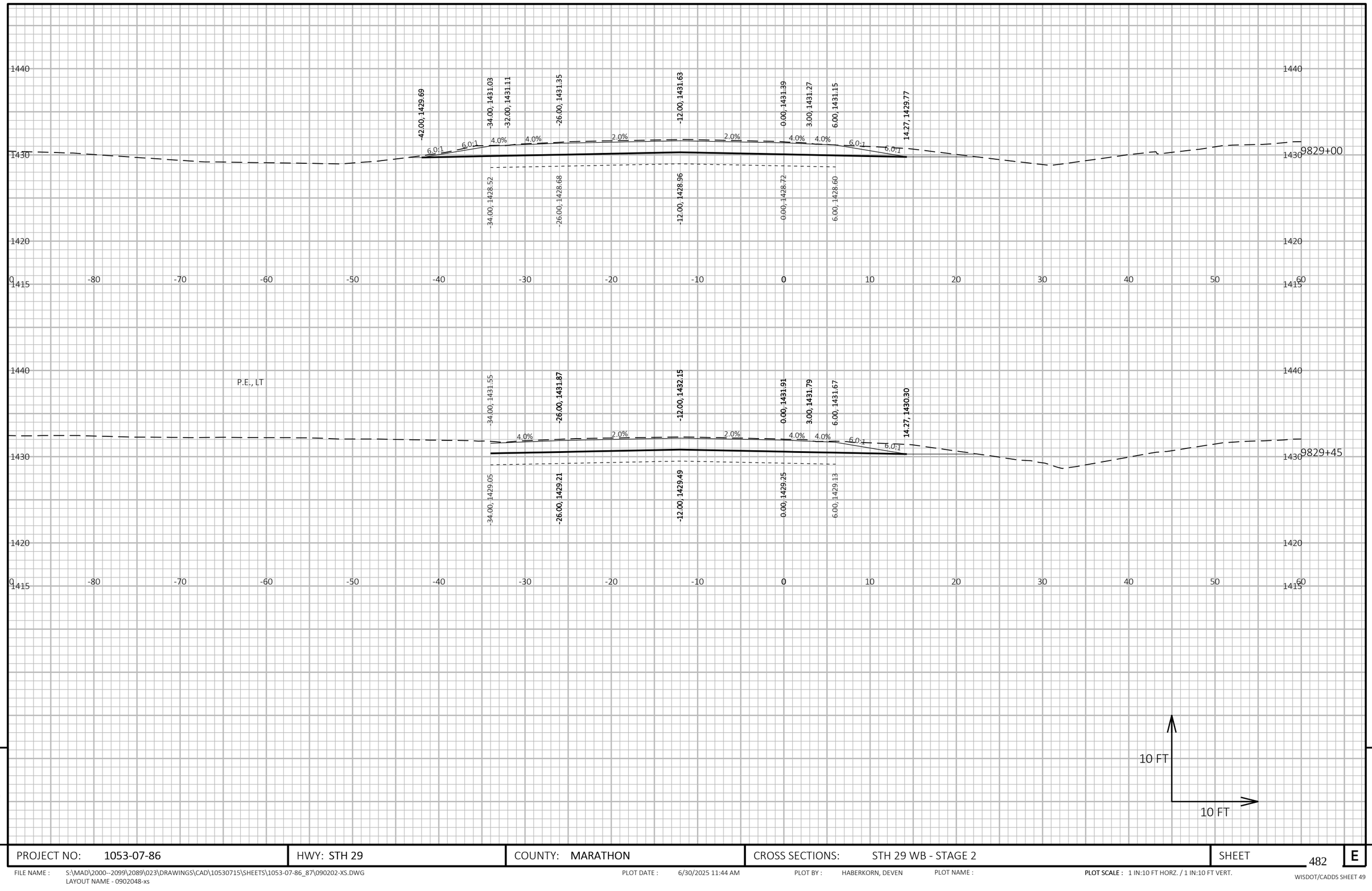
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 481	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902047-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

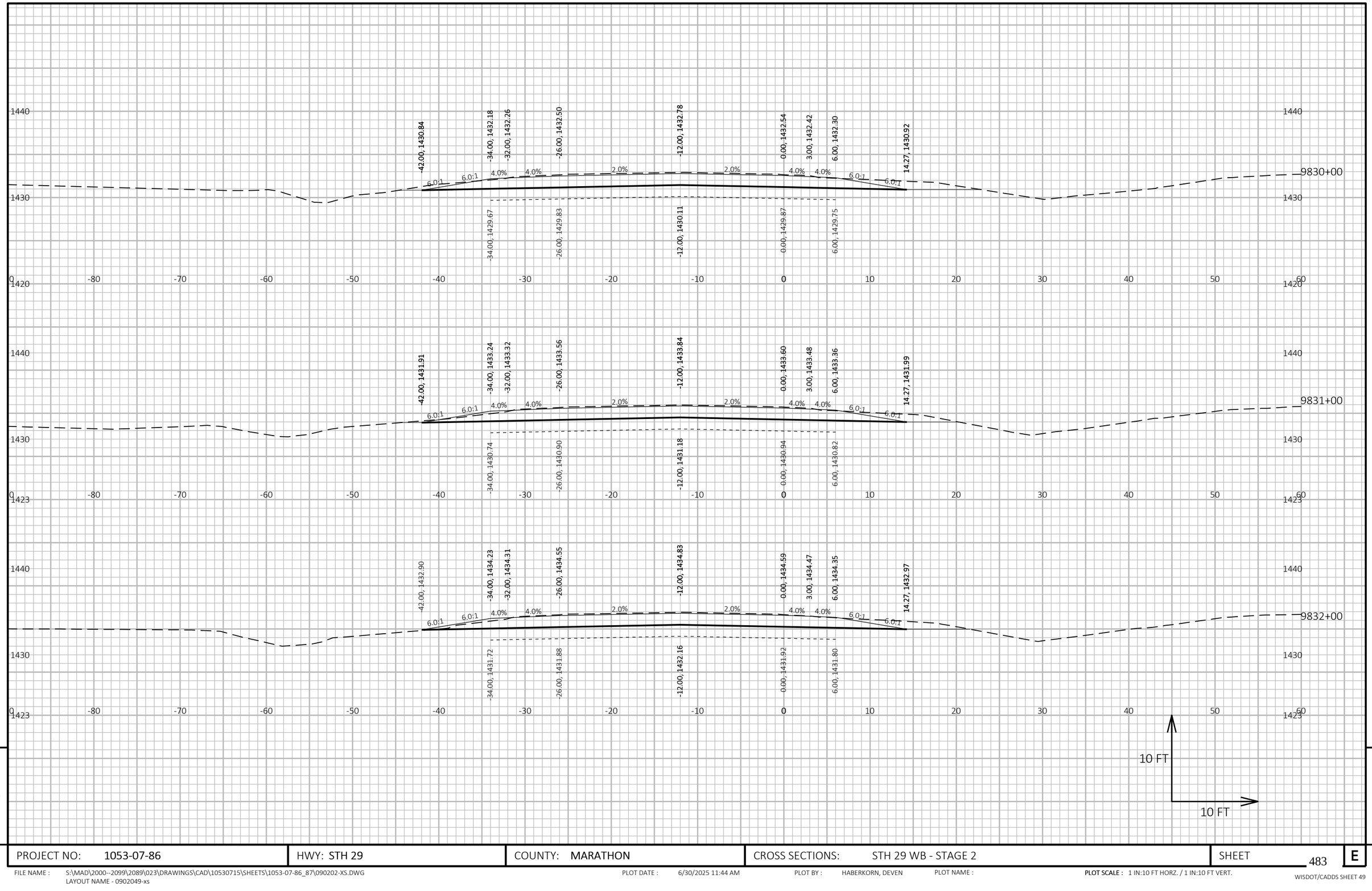


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 482	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902048-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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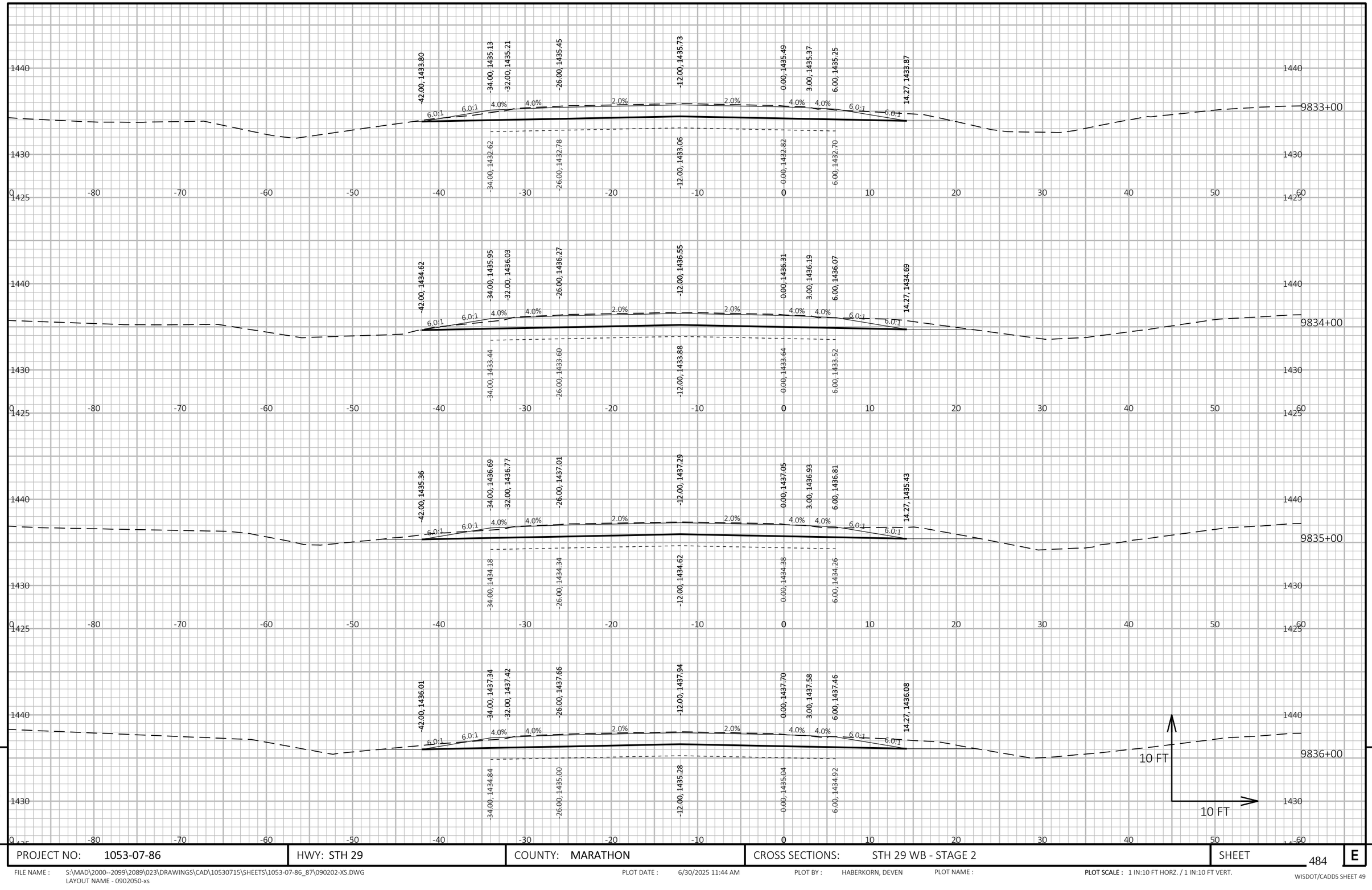
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 483	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902049-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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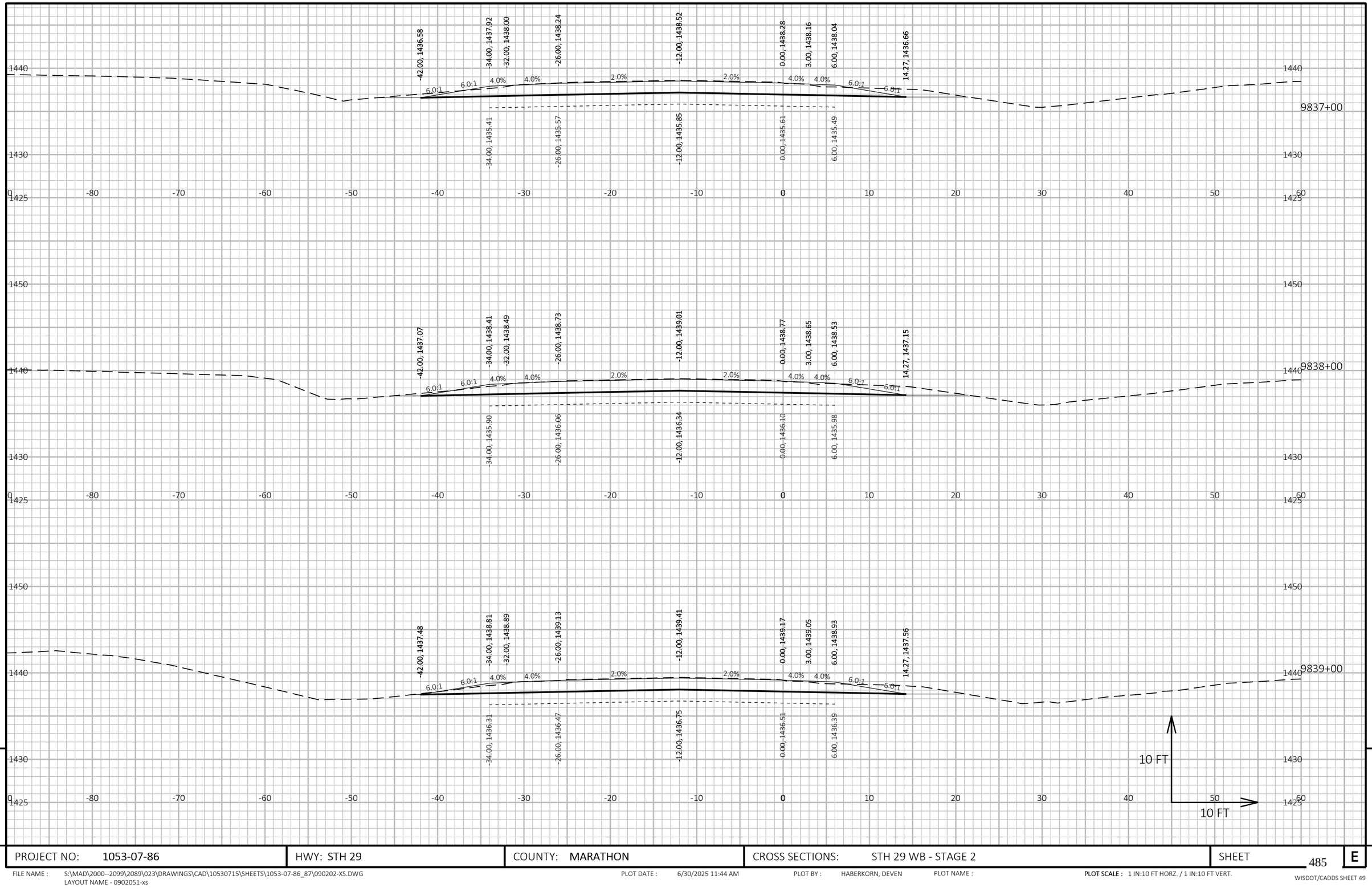
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 484	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902050-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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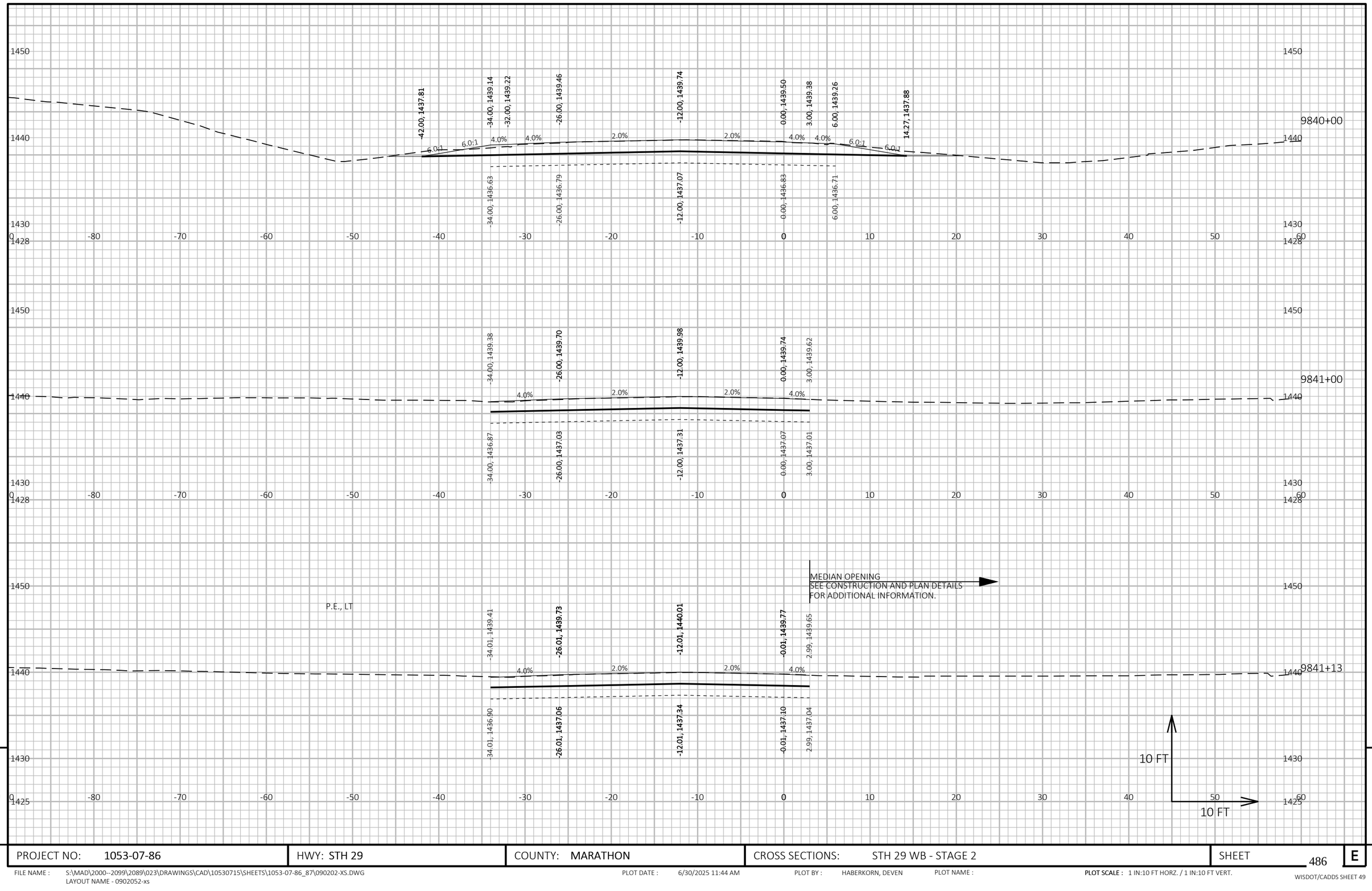
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 485	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902051-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



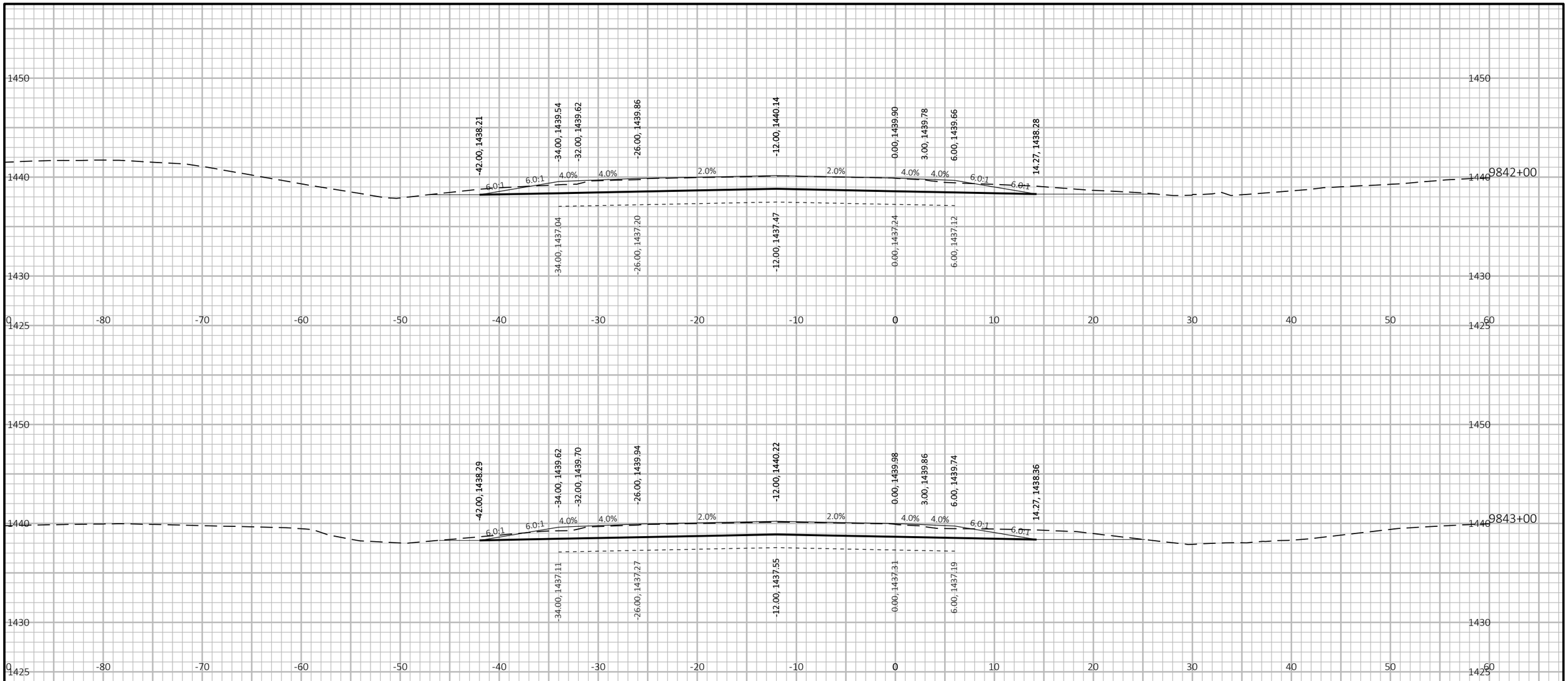
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 486	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902052-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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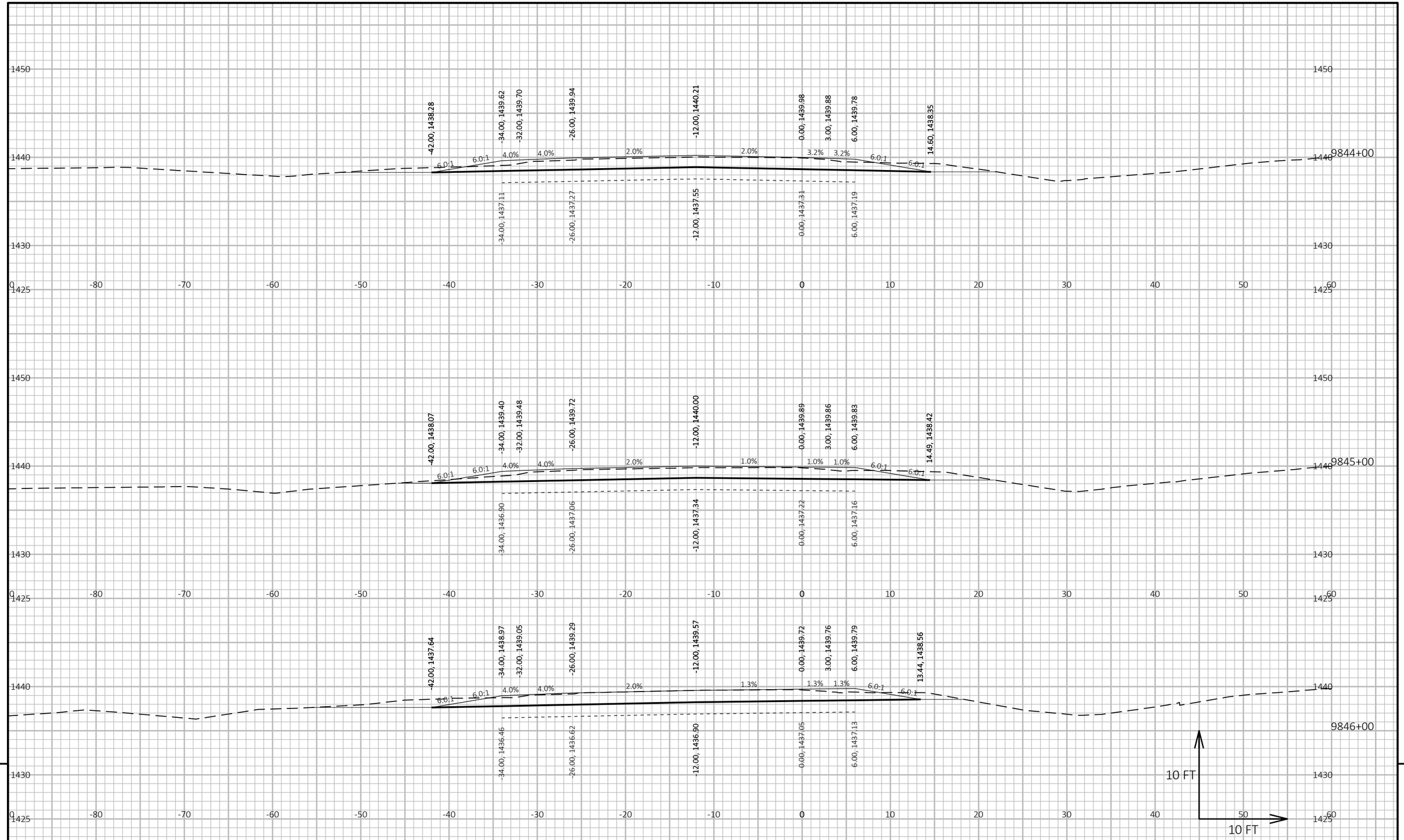
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 487	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902053-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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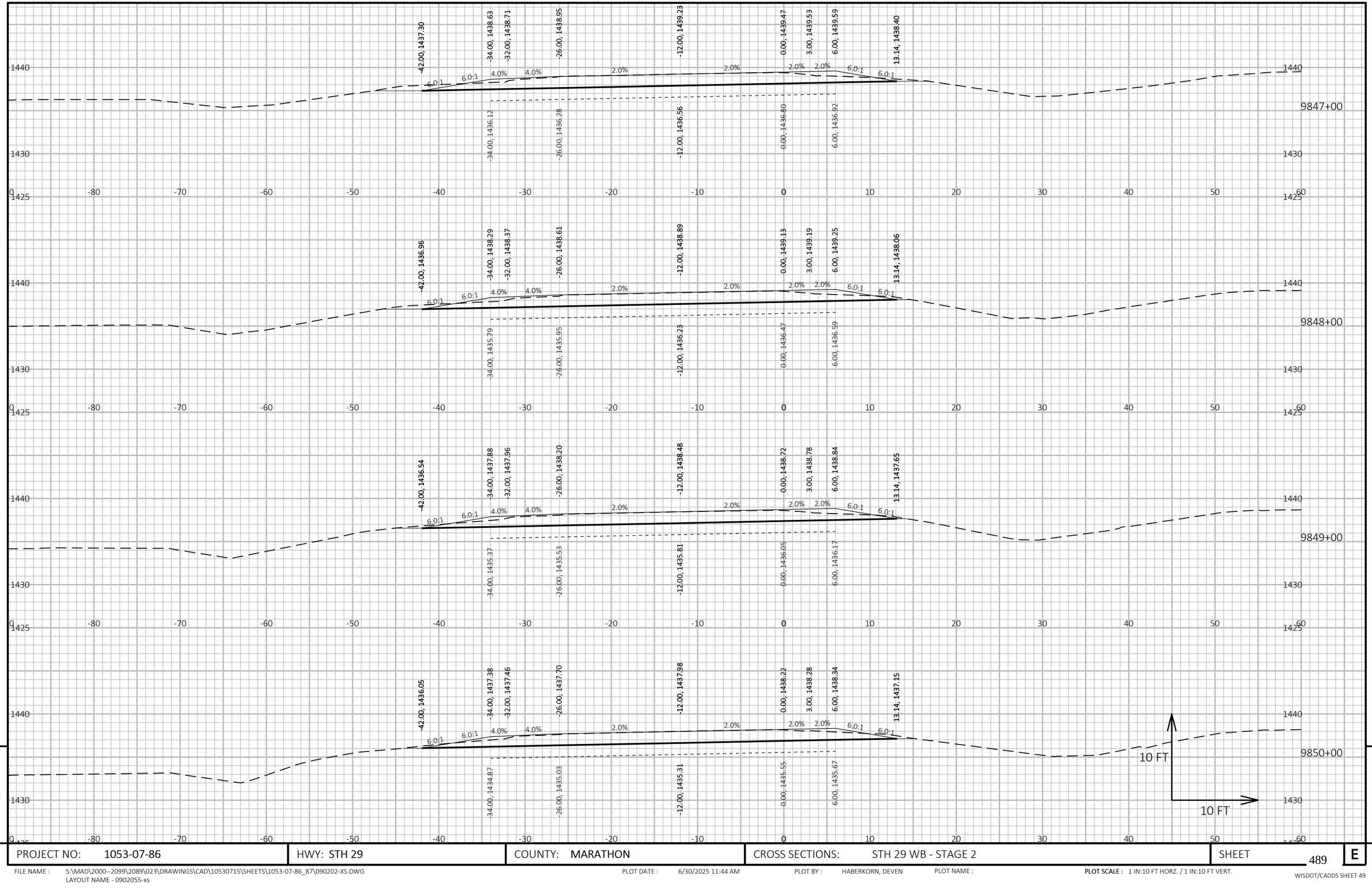
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 488	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902054-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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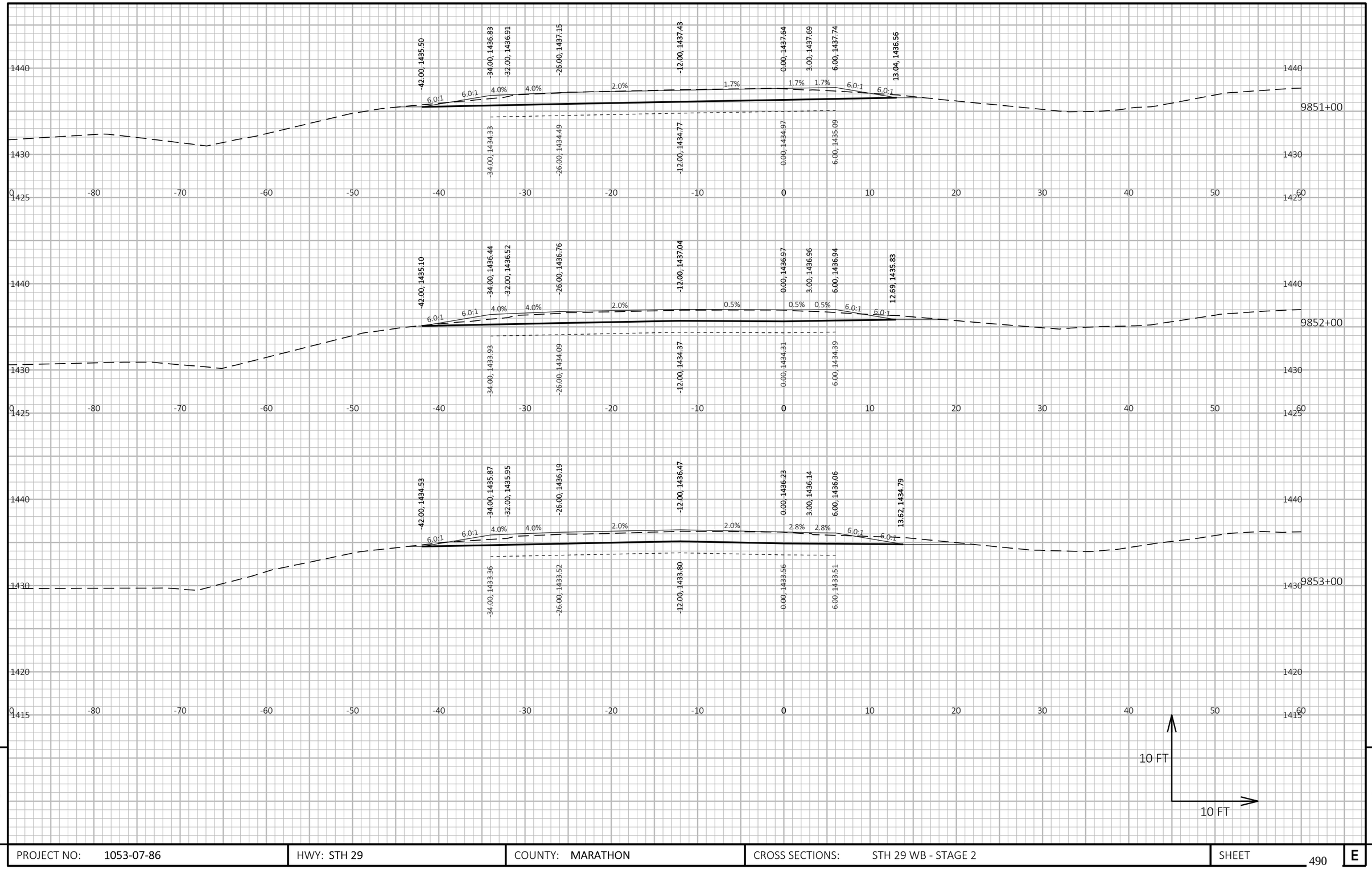
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 489	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902055-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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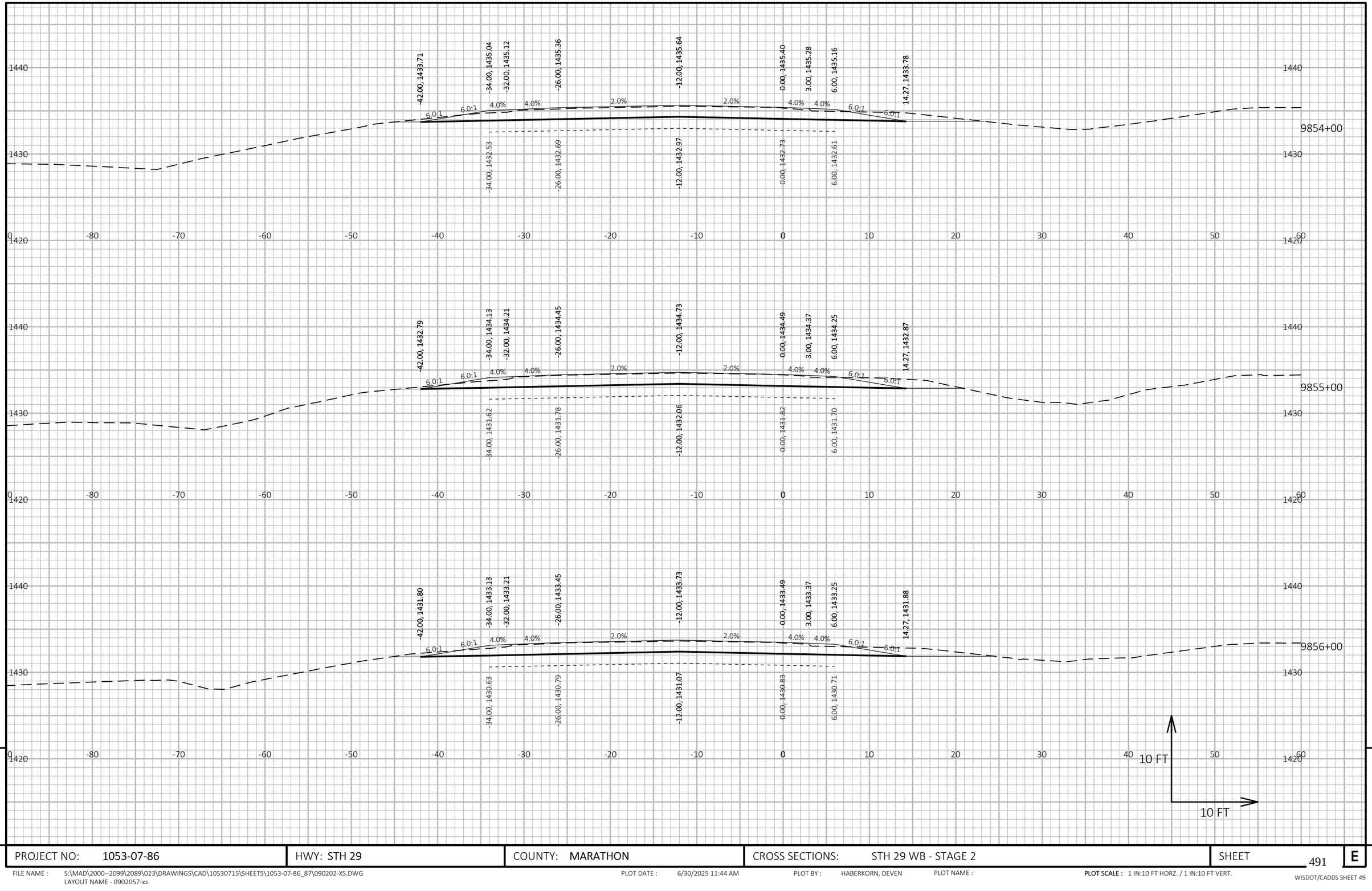
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 490	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902056-xs

PLOT DATE : 7/1/2025 7:28 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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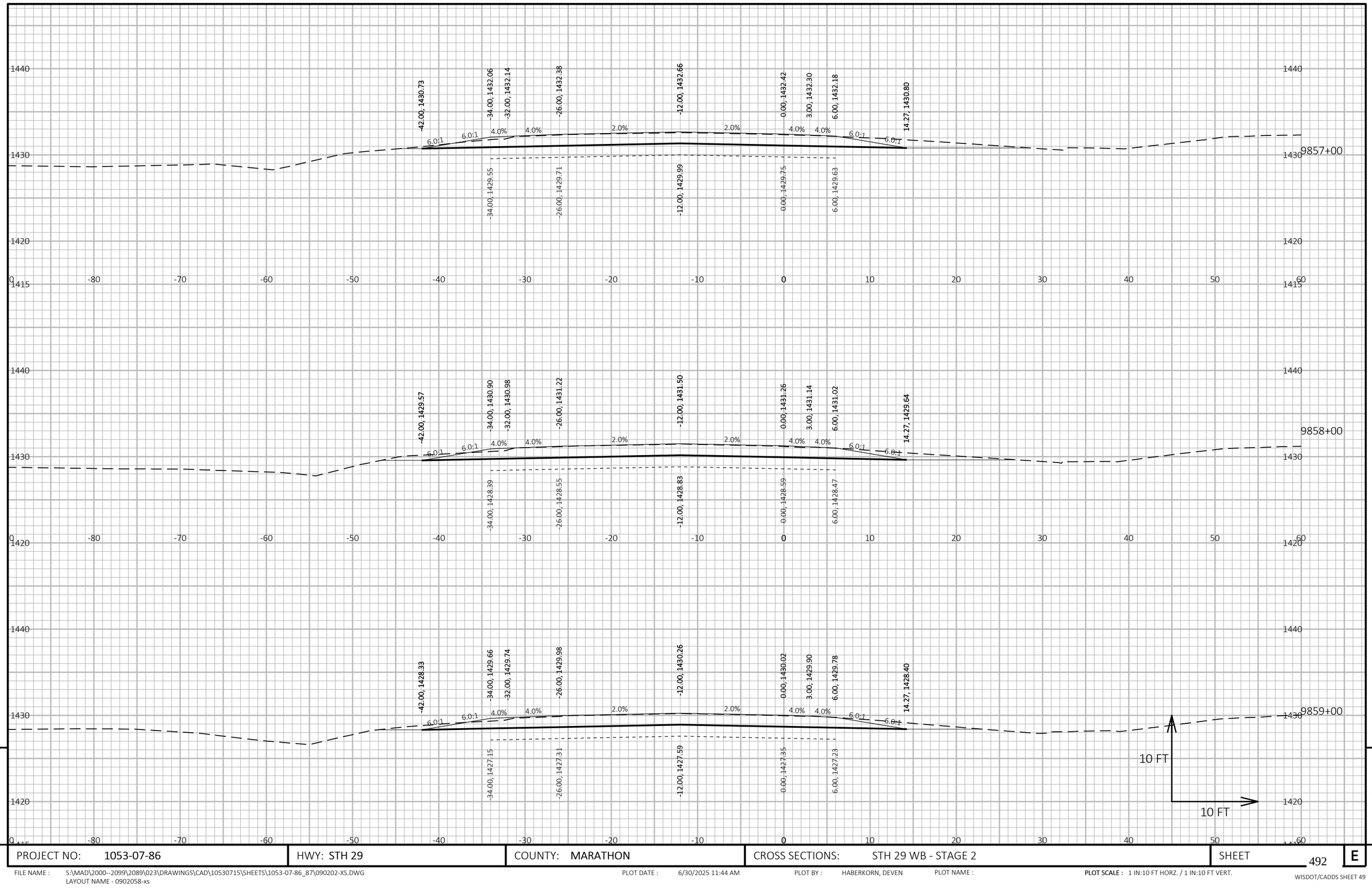
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 491	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902057-xs
PLOT DATE : 6/30/2025 11:44 AM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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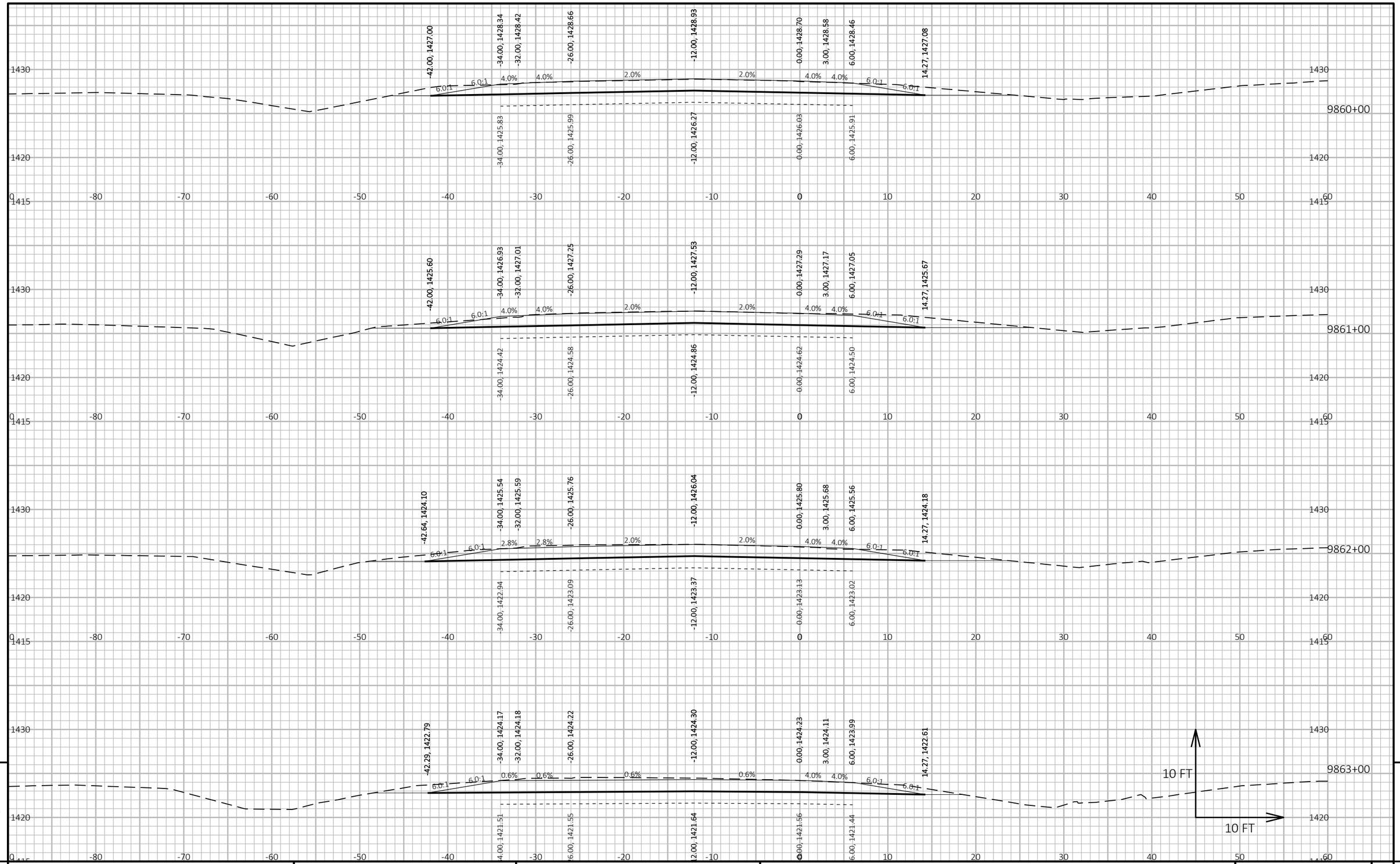
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 492	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902058-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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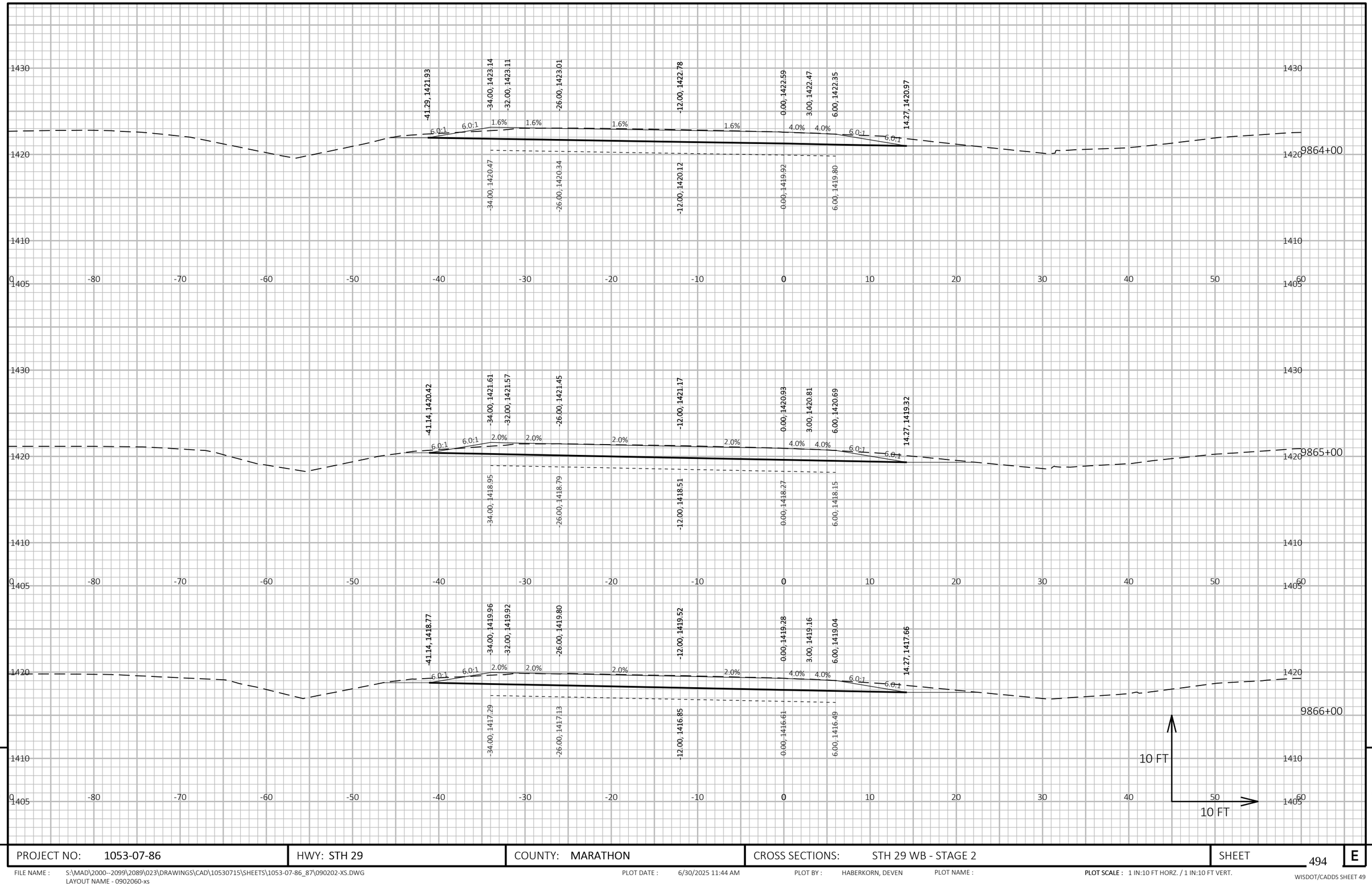
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 493	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902059-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

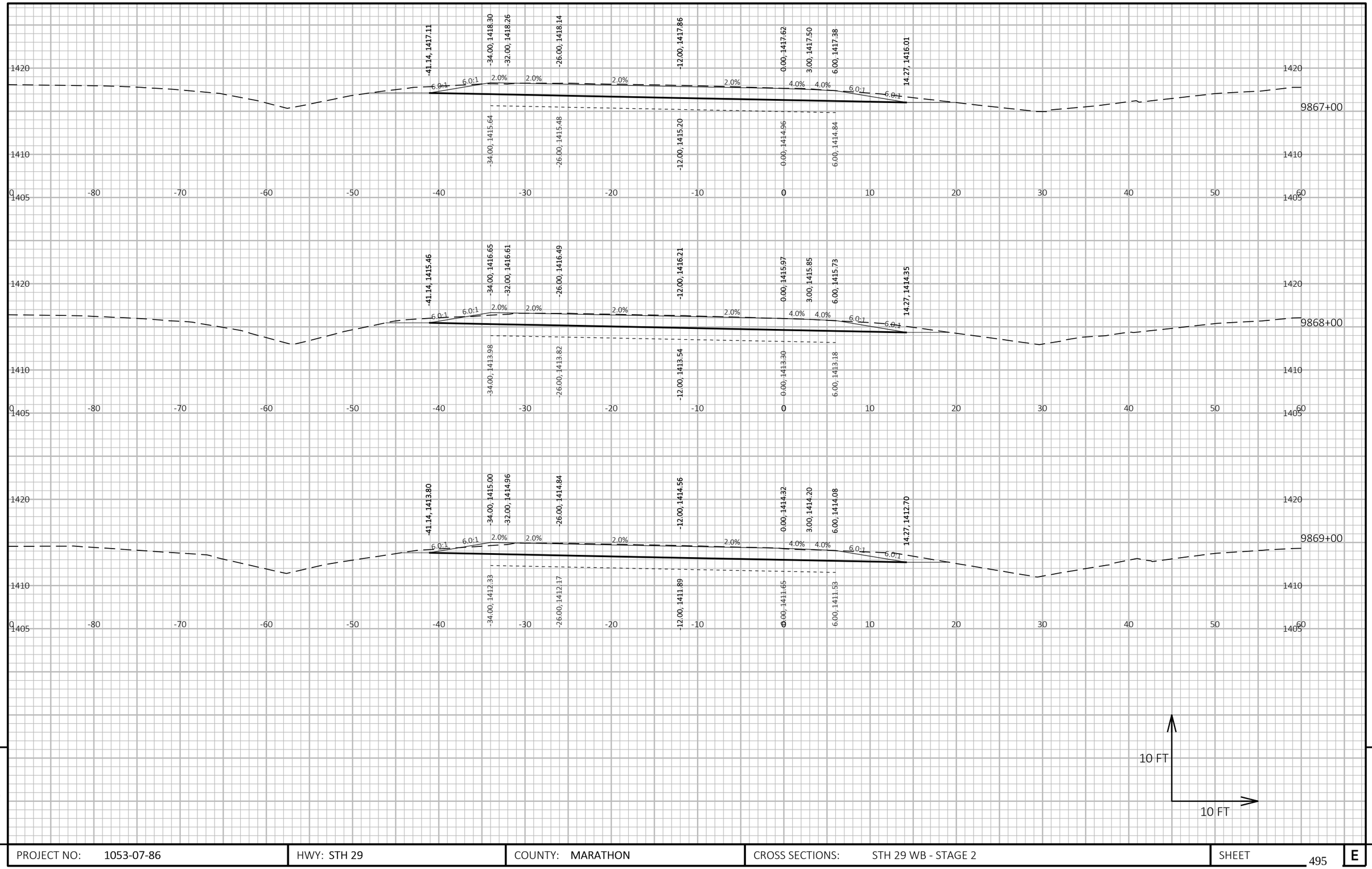


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 494 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902060-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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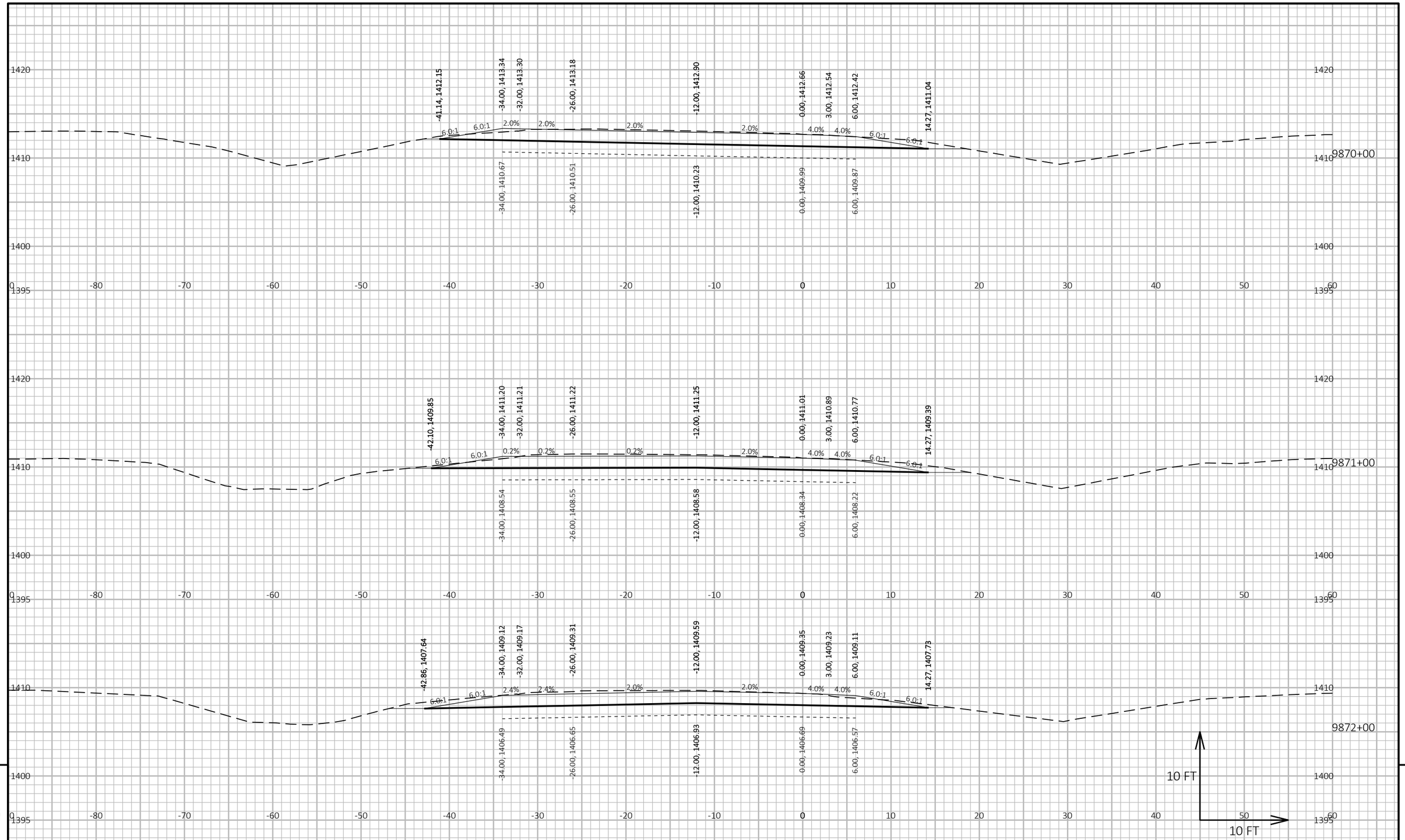
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 495	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902061-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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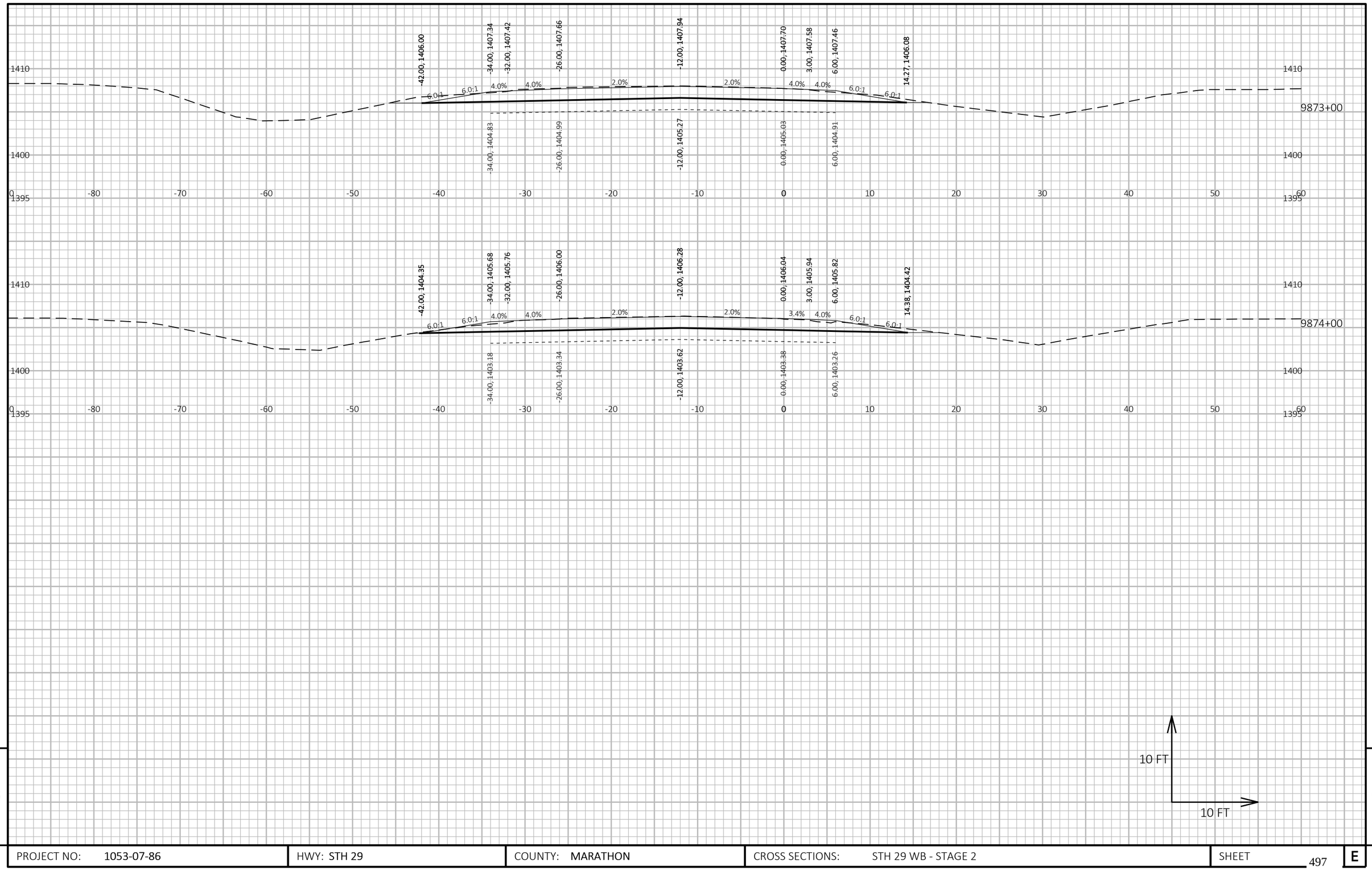
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 496	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902062-xs

PLOT DATE : 6/30/2025 11:44 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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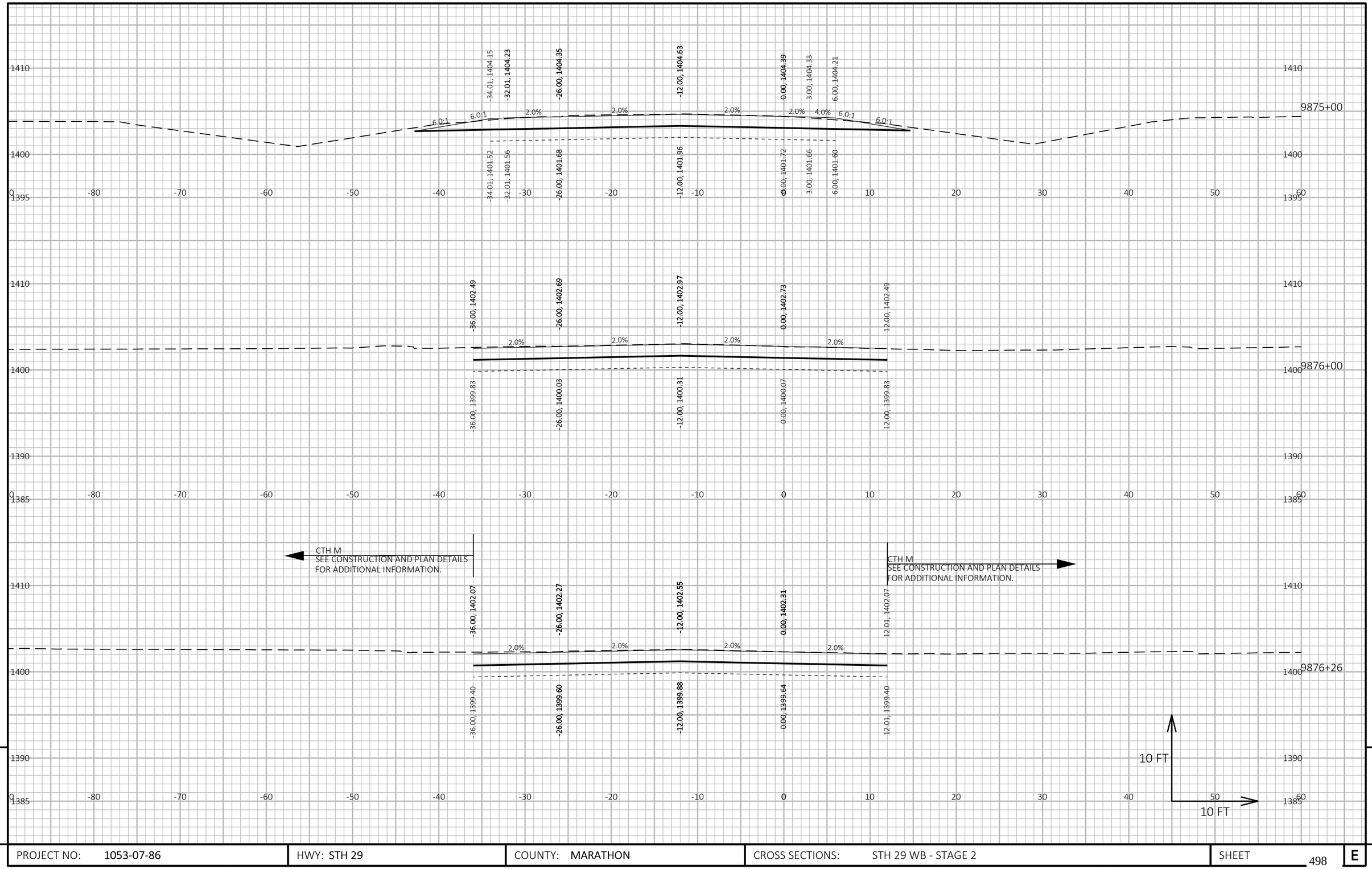
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 497	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090202-XS.DWG
LAYOUT NAME - 0902063-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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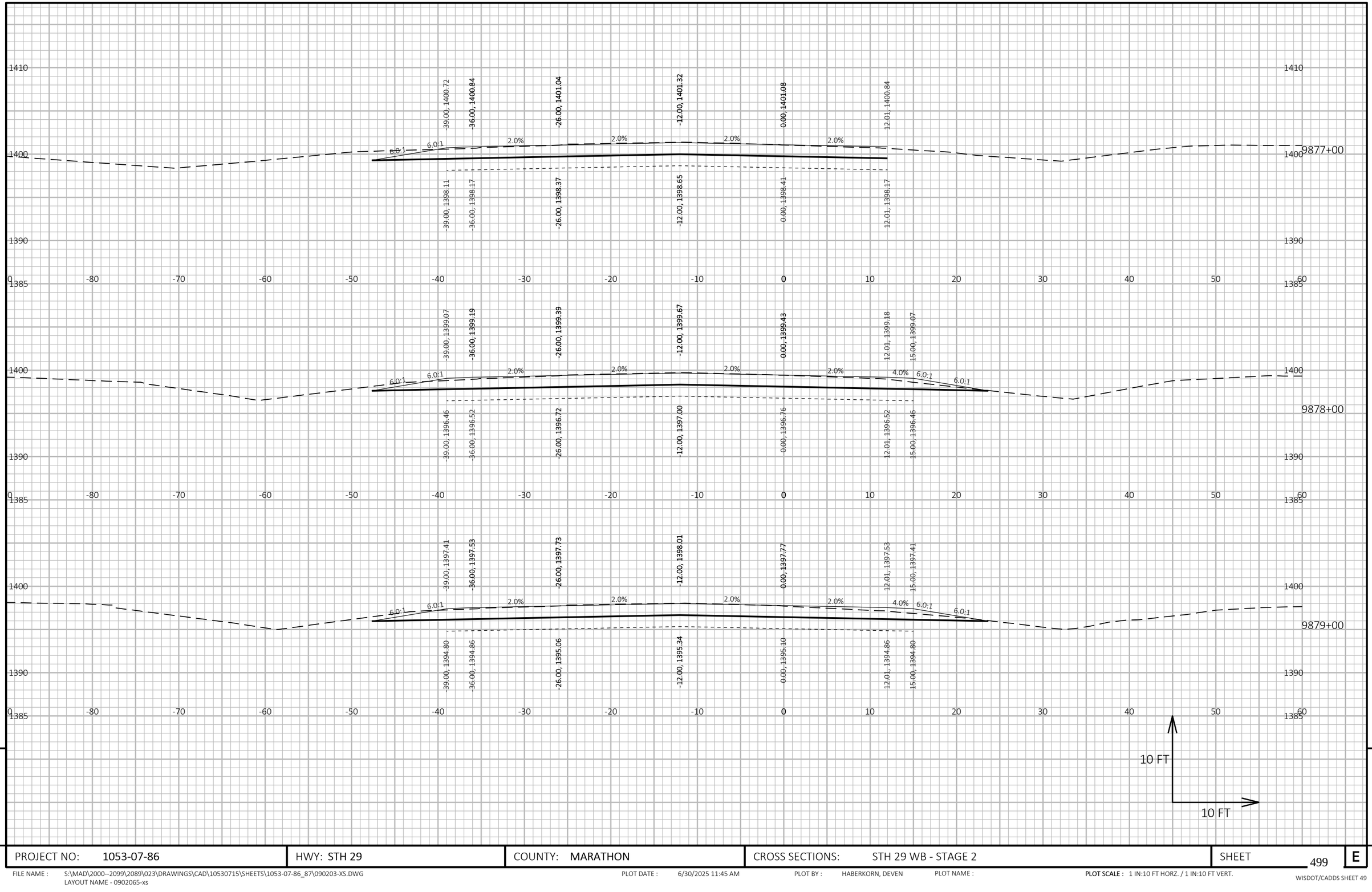
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 498	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902064-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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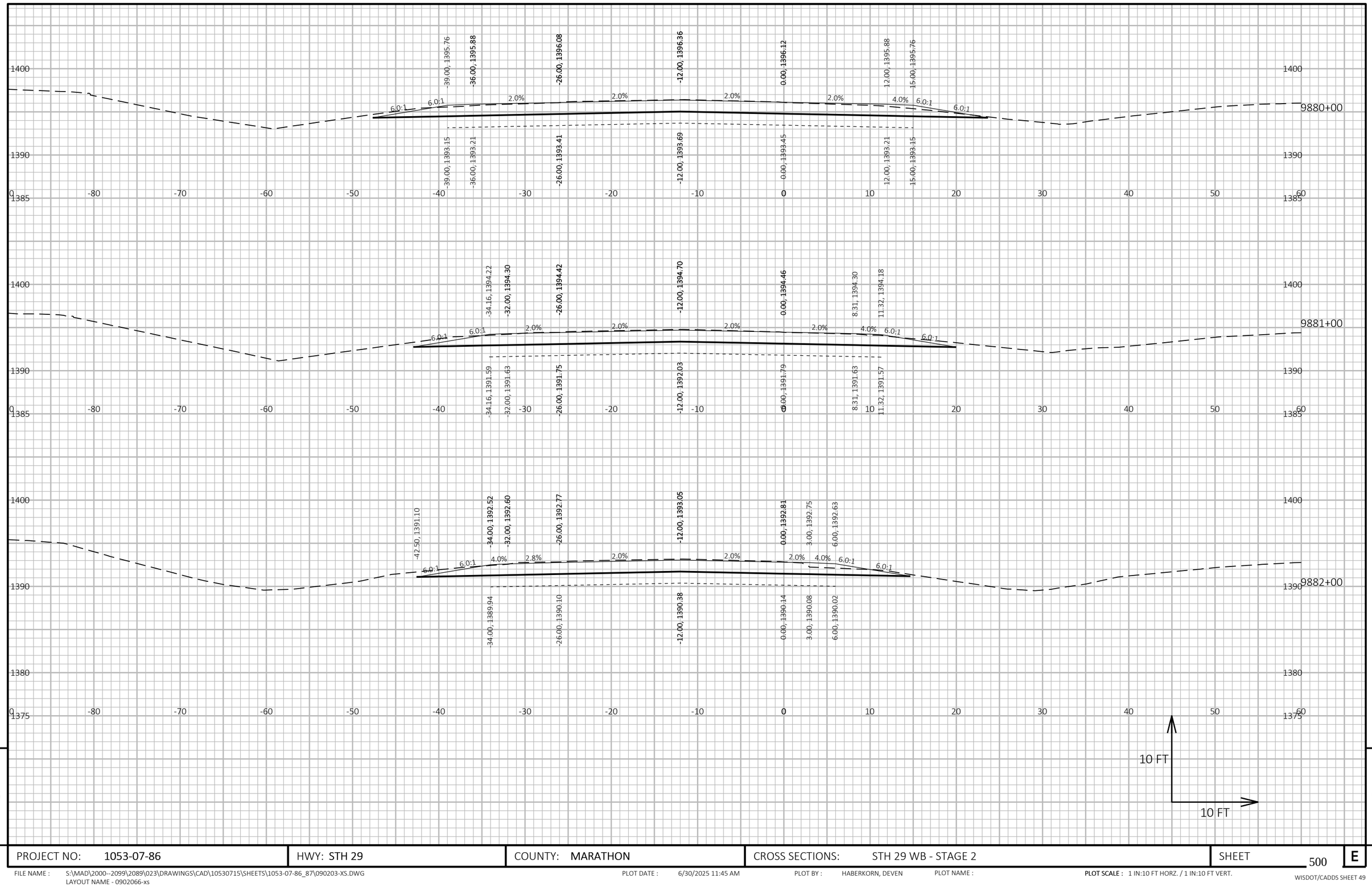
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 499	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902065-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

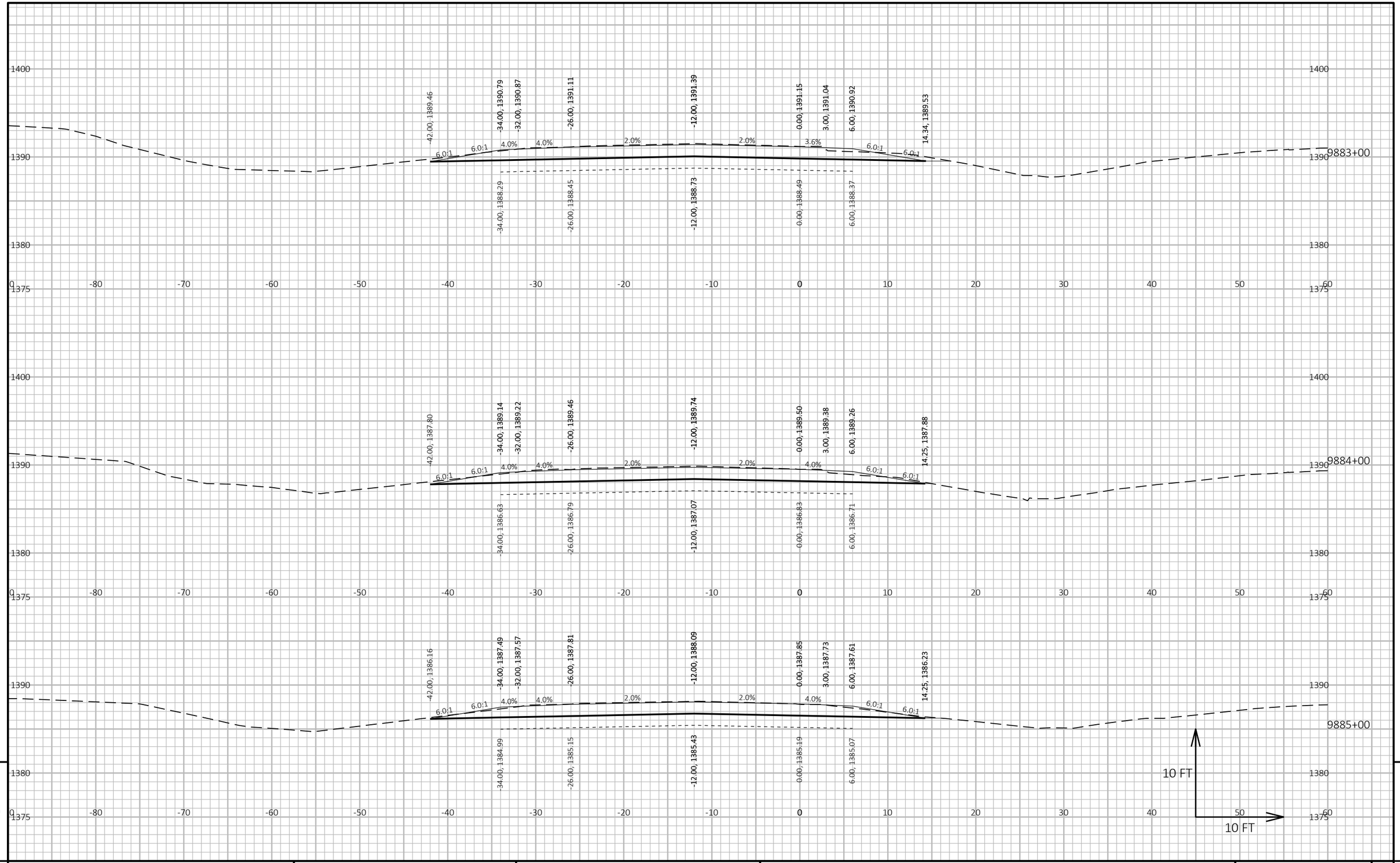


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 500	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902066-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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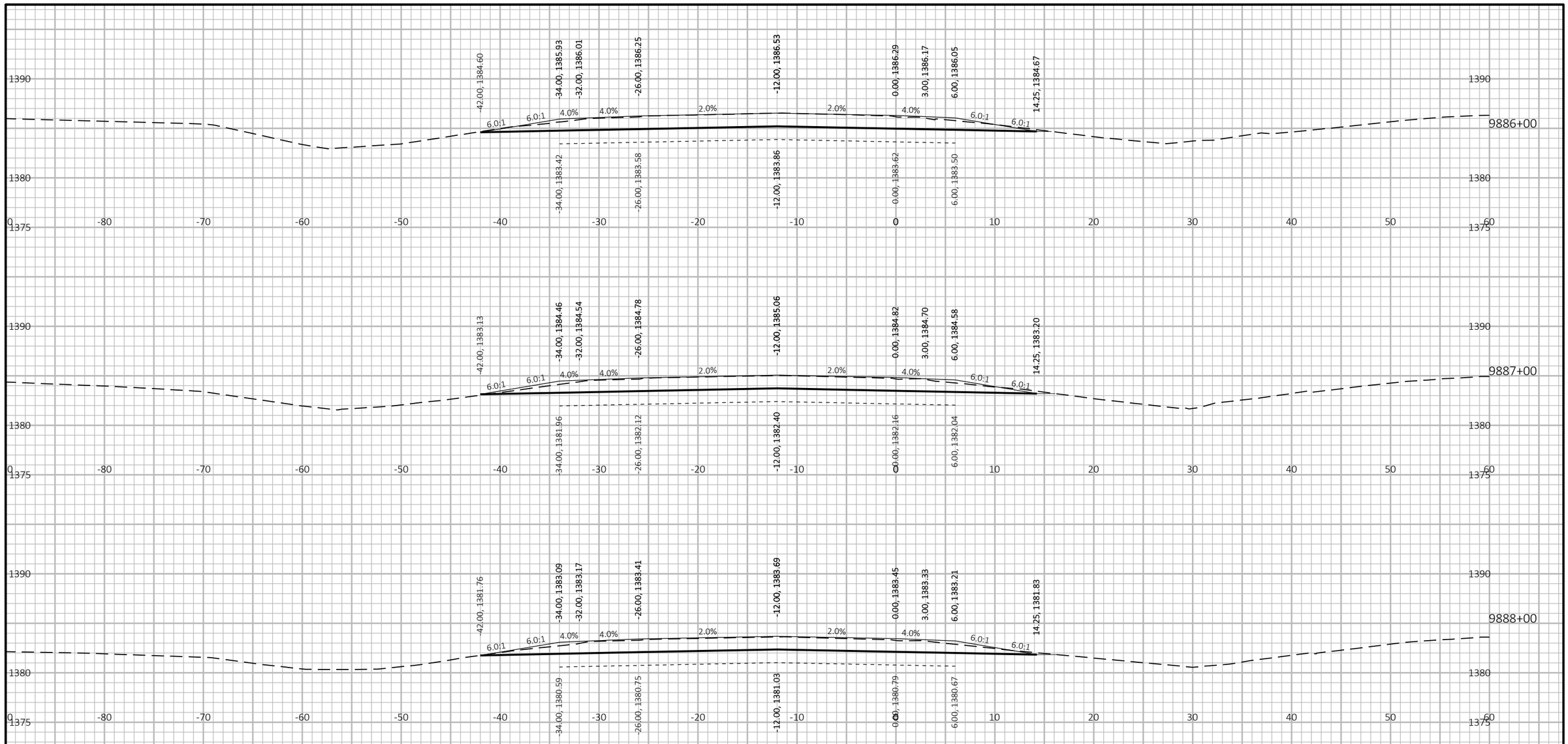
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 501	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902067-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

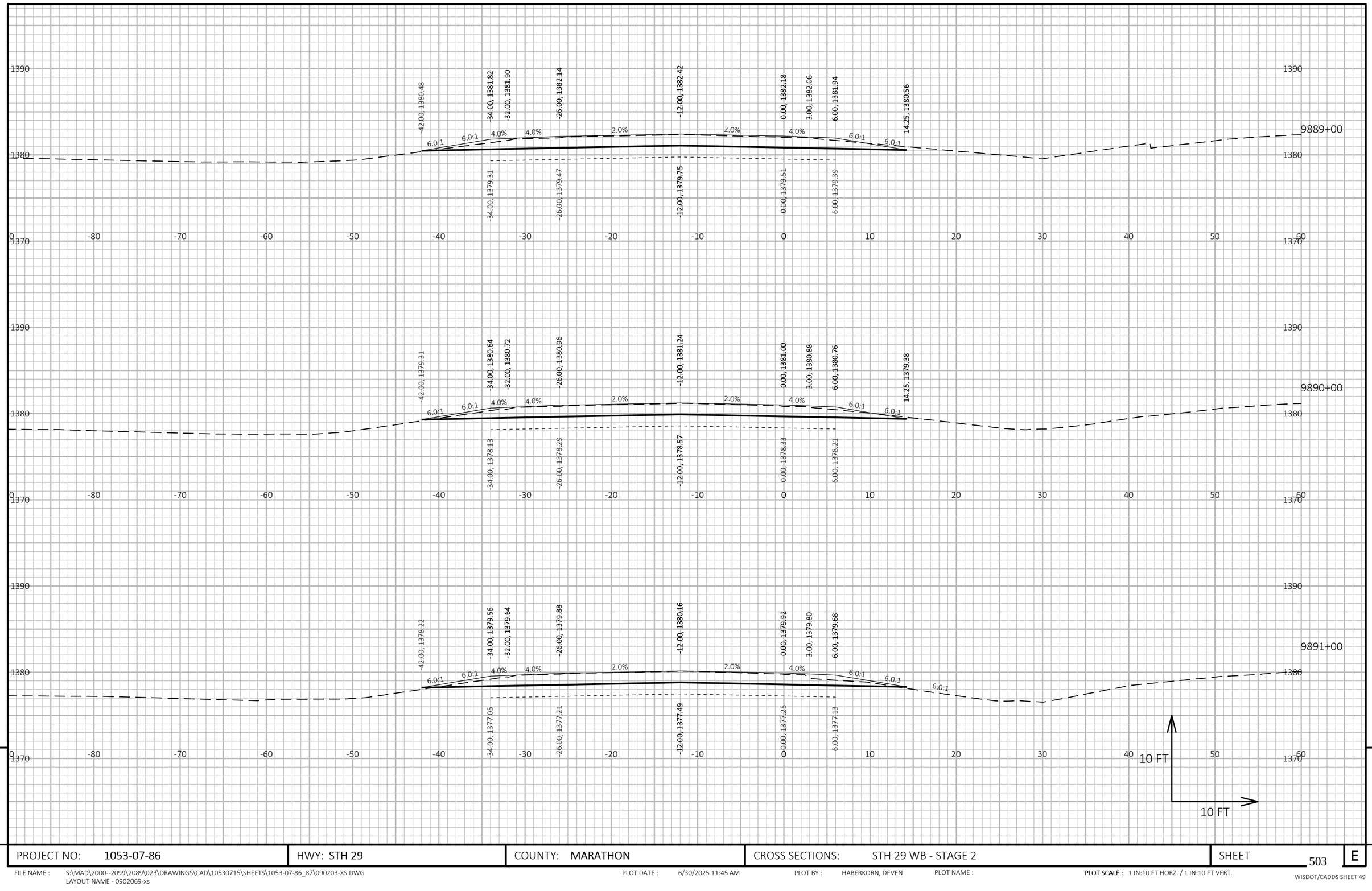


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 502 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902068-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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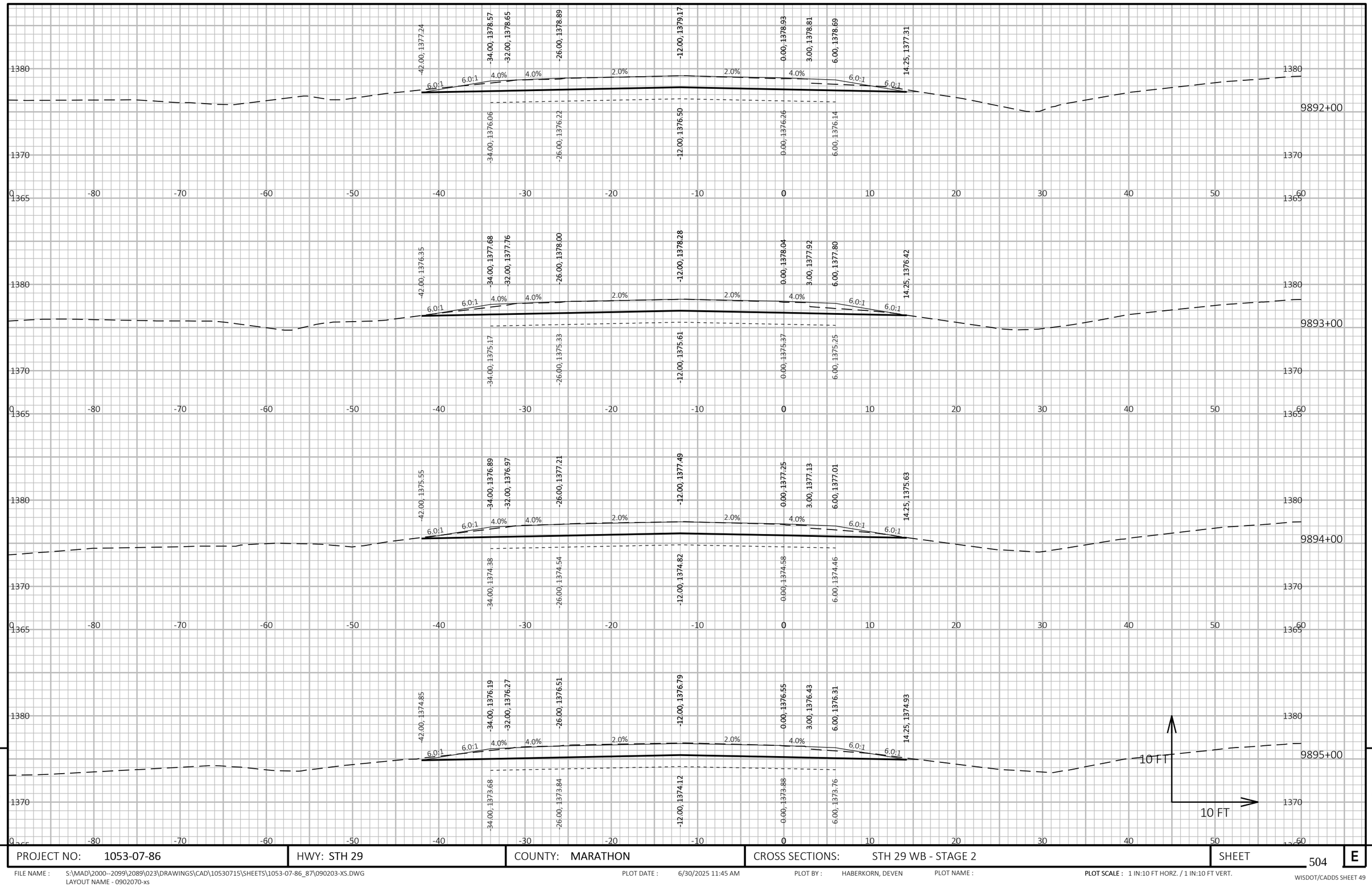
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 503	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902069-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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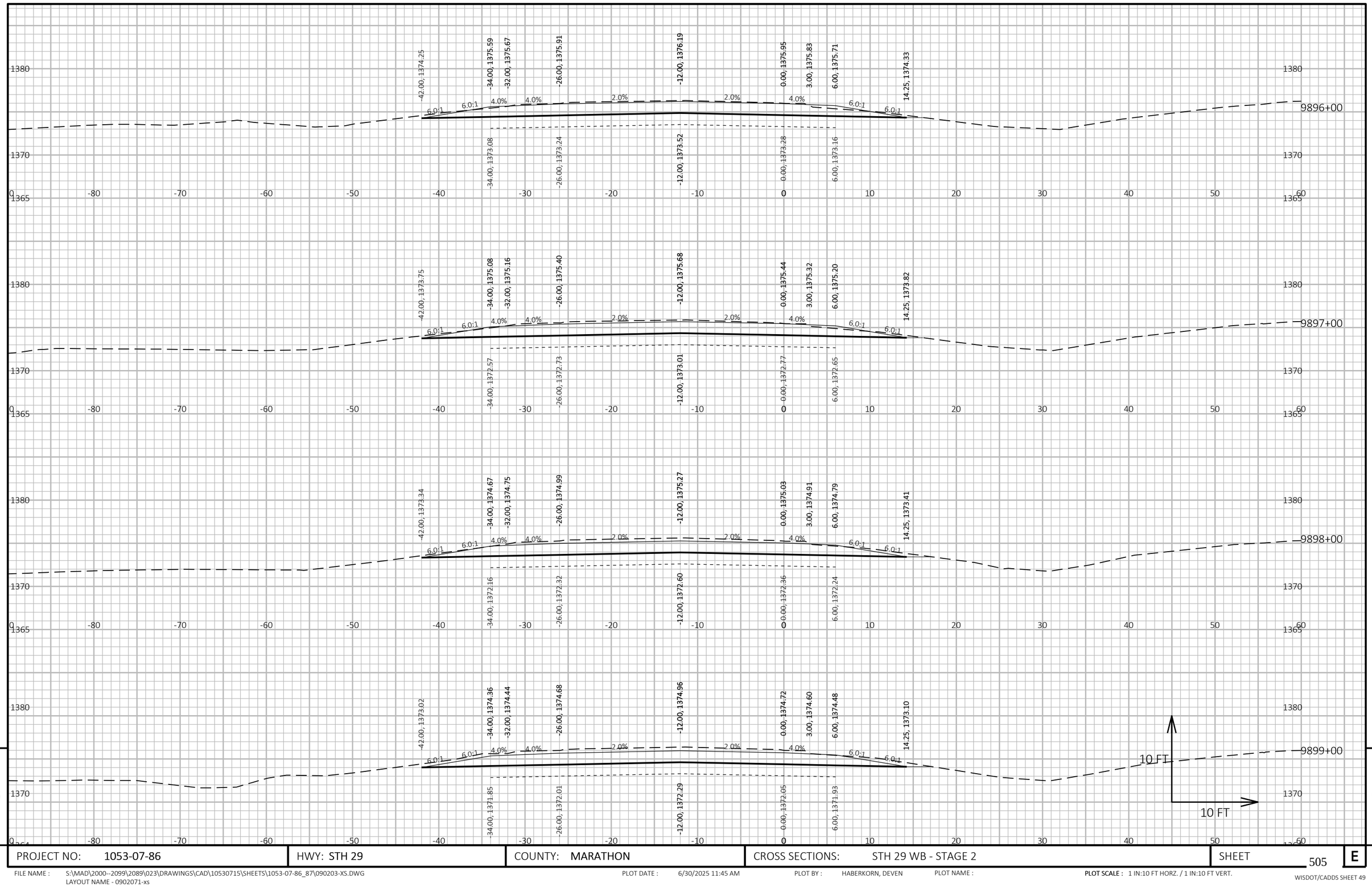
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 504	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902070-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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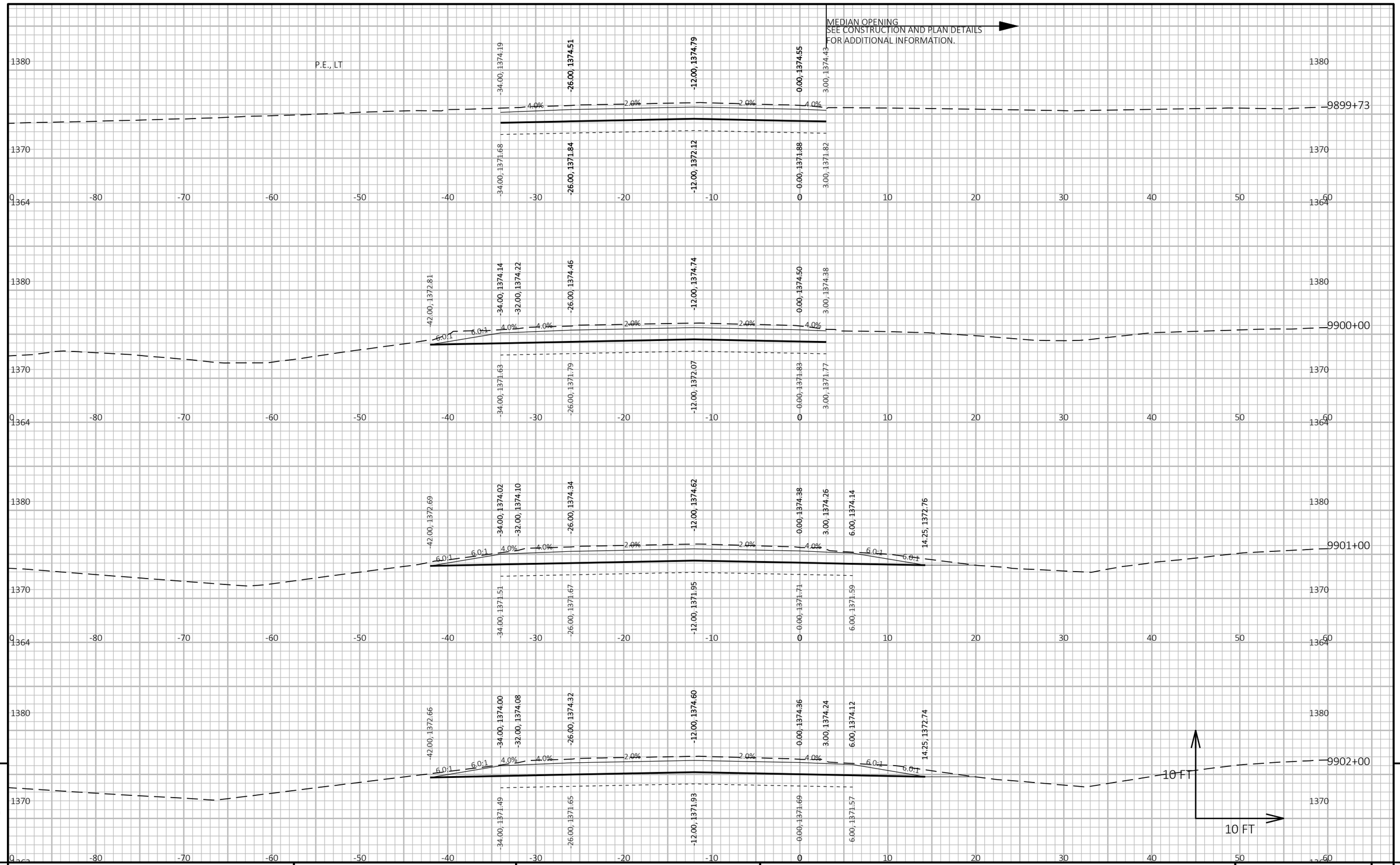
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 505	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902071-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

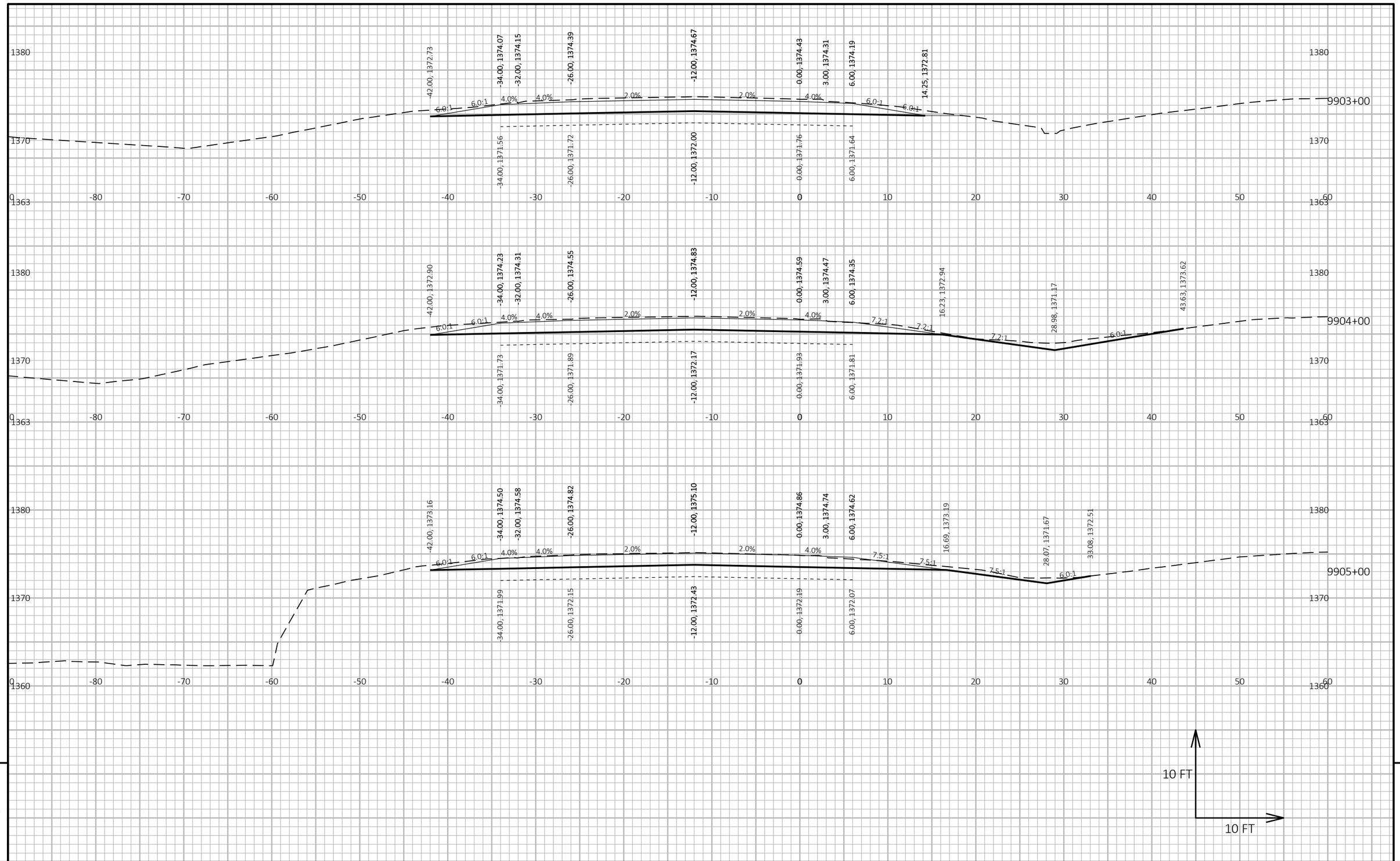


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 506 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902072-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

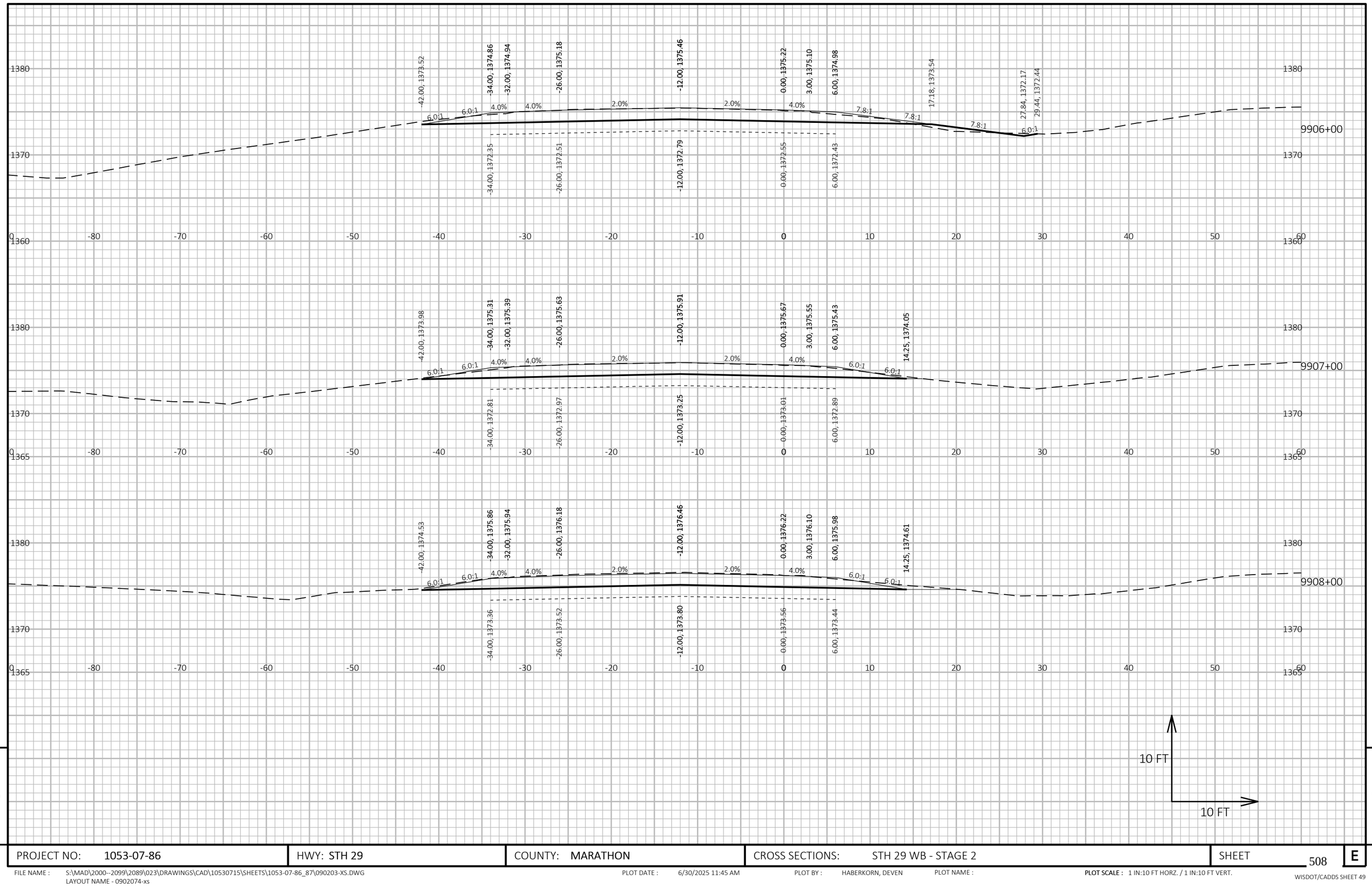


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 507 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902073-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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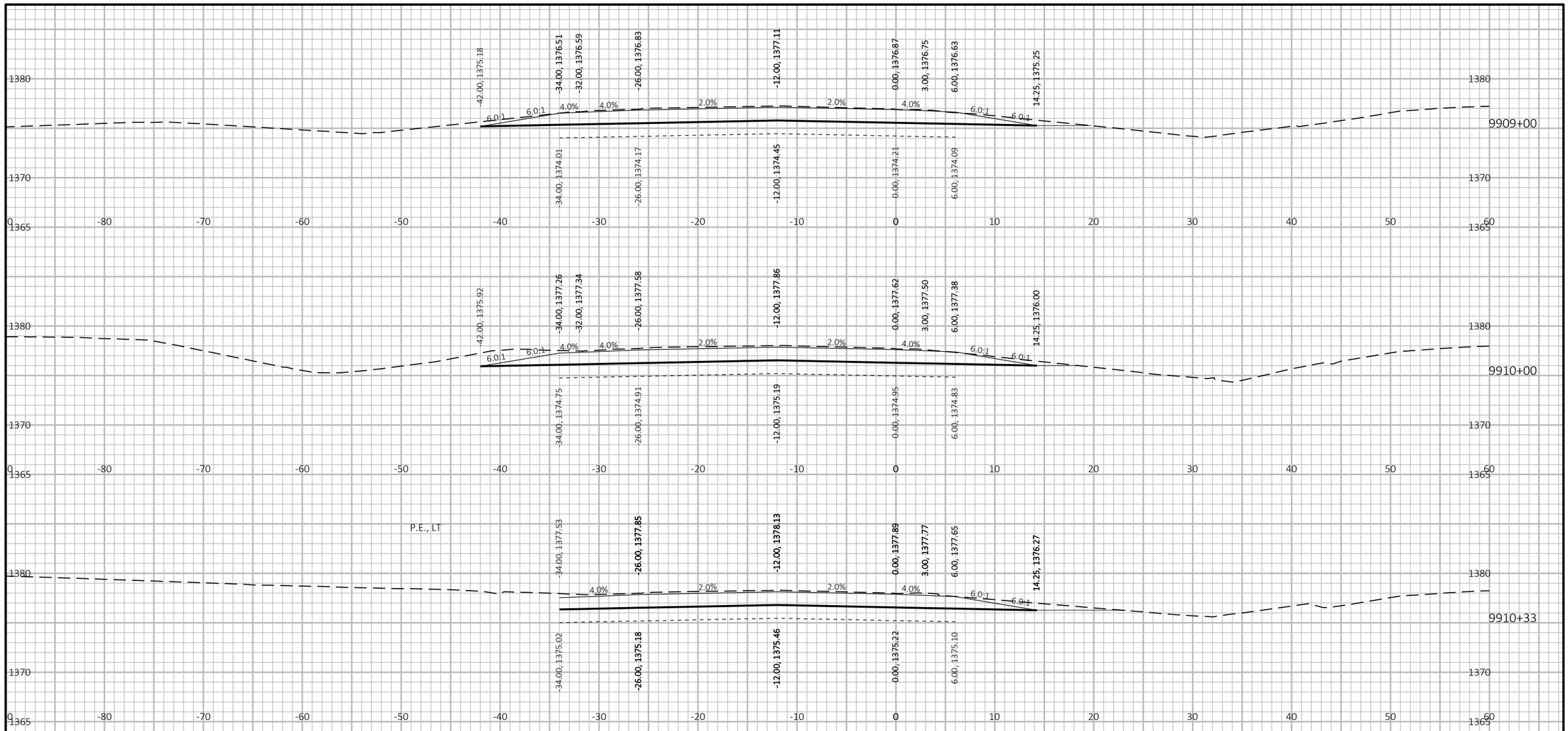
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 508	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902074-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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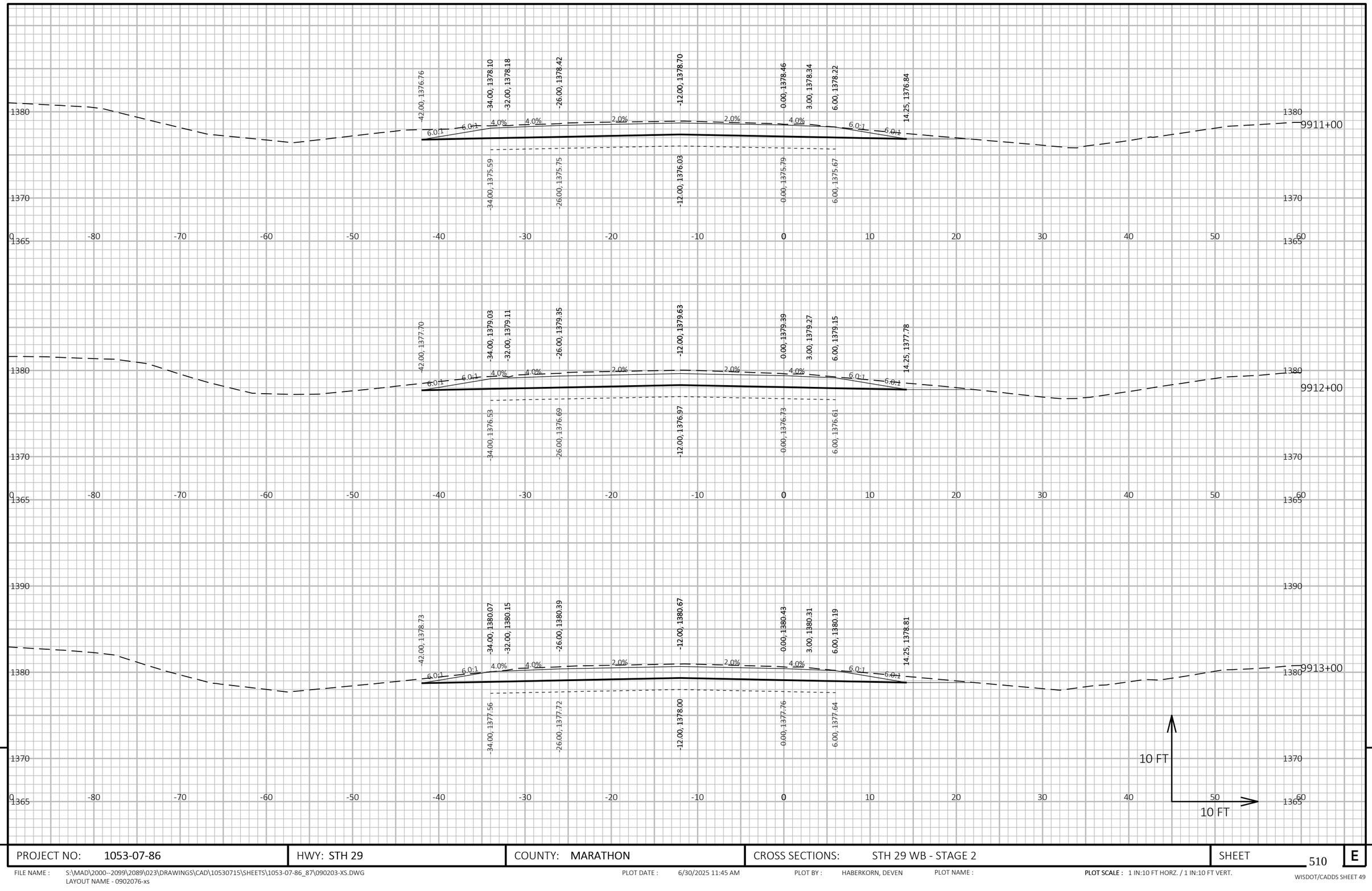
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 509	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902075-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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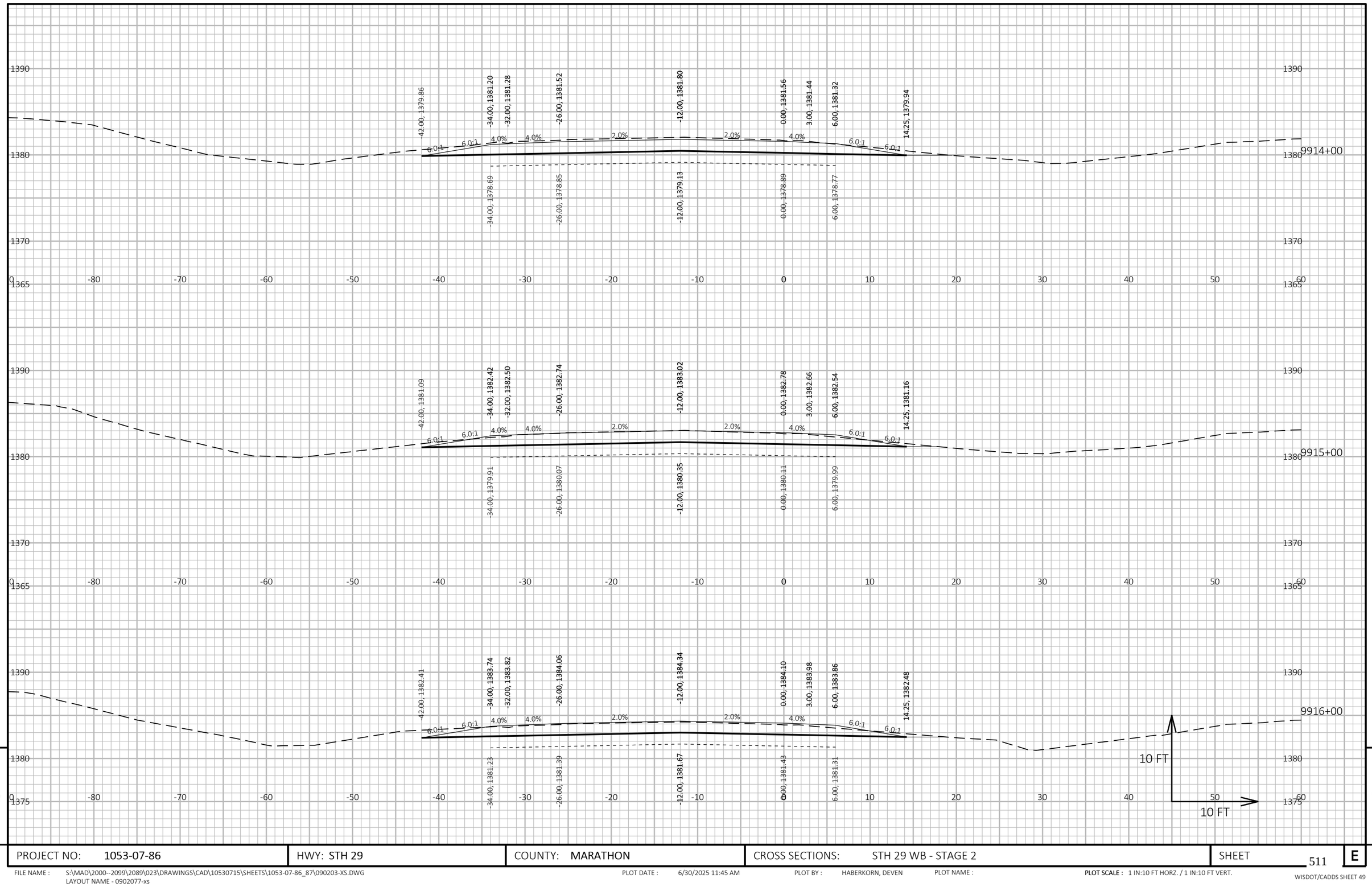
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 510	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902076-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

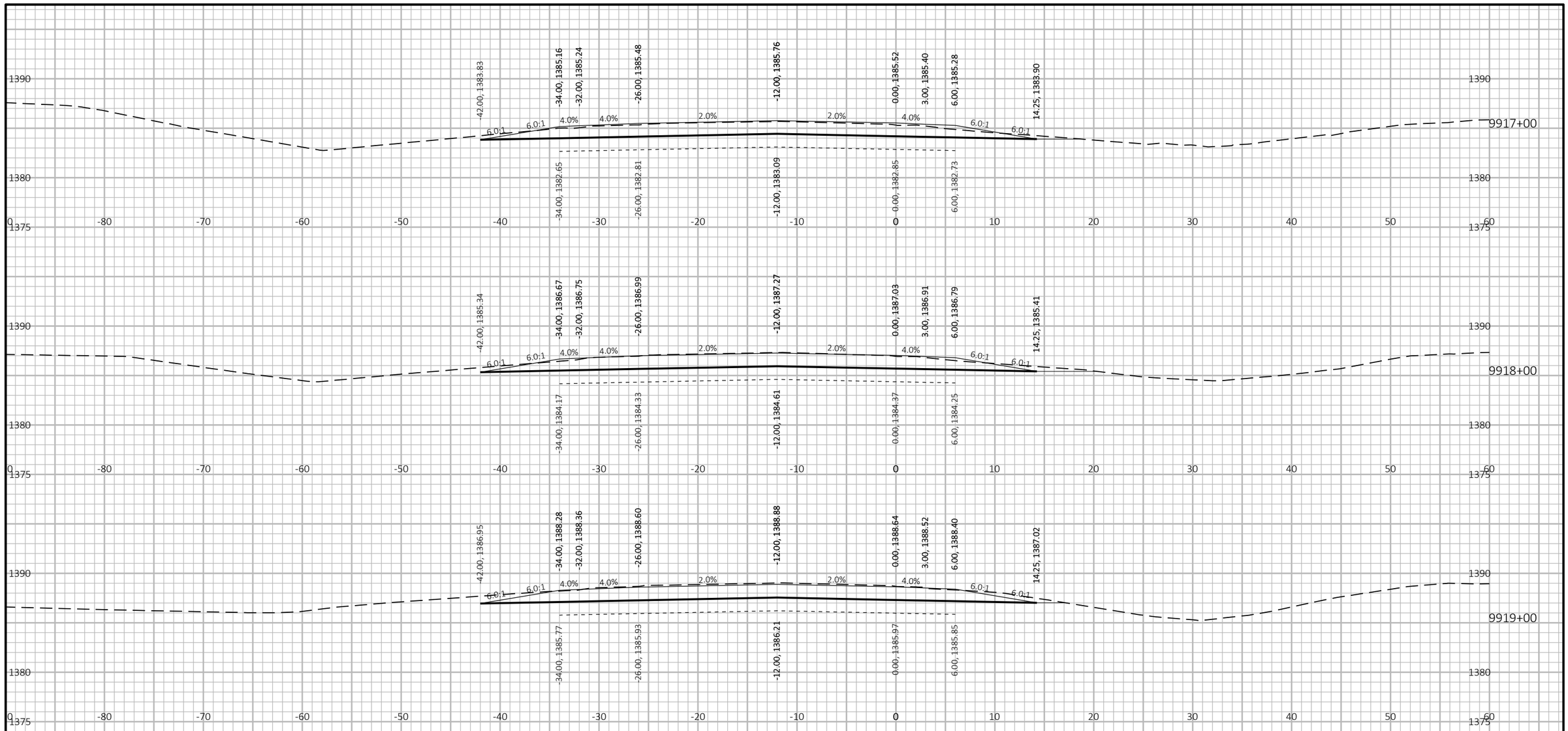


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 511	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902077-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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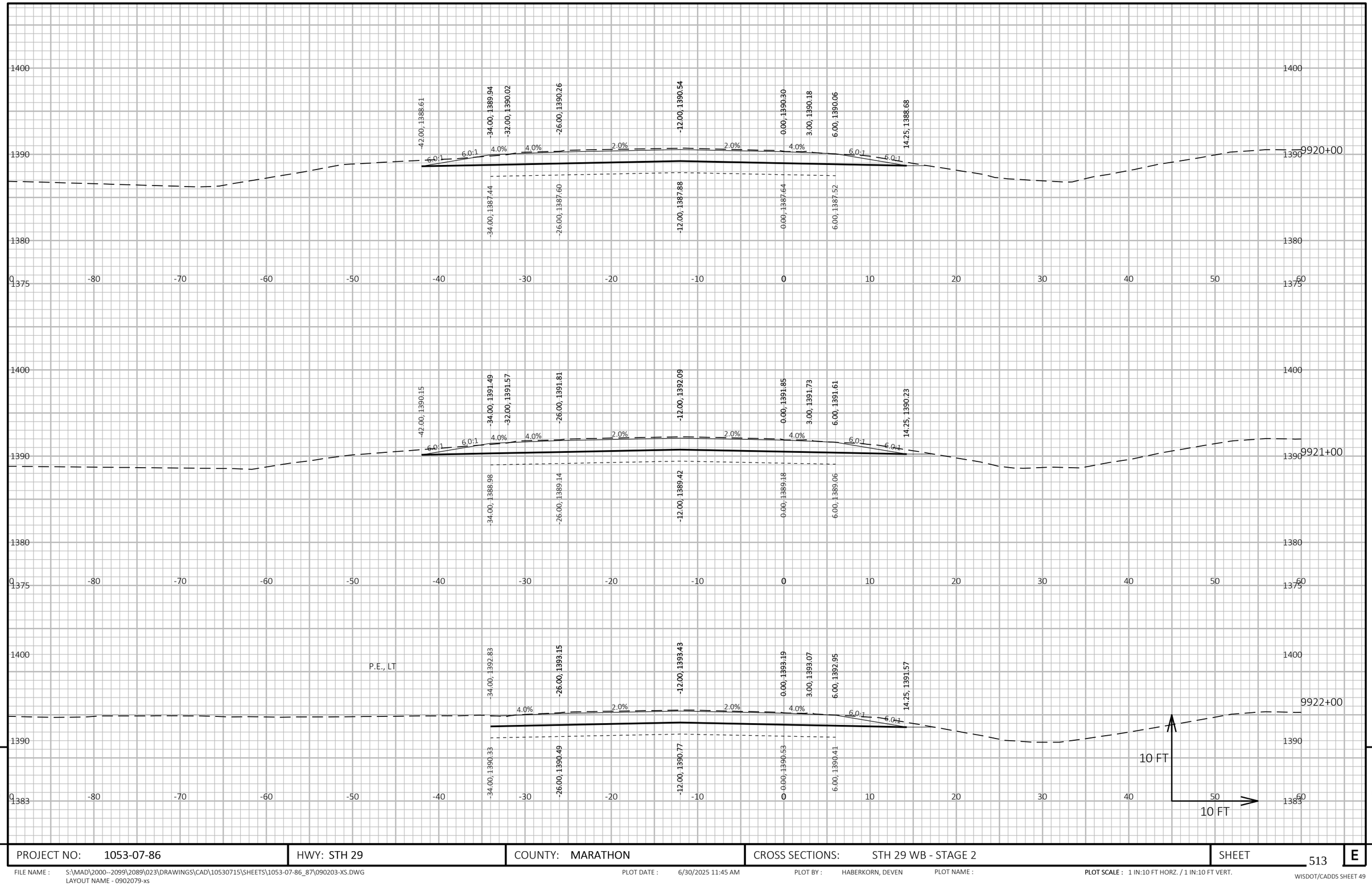
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 512	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902078-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

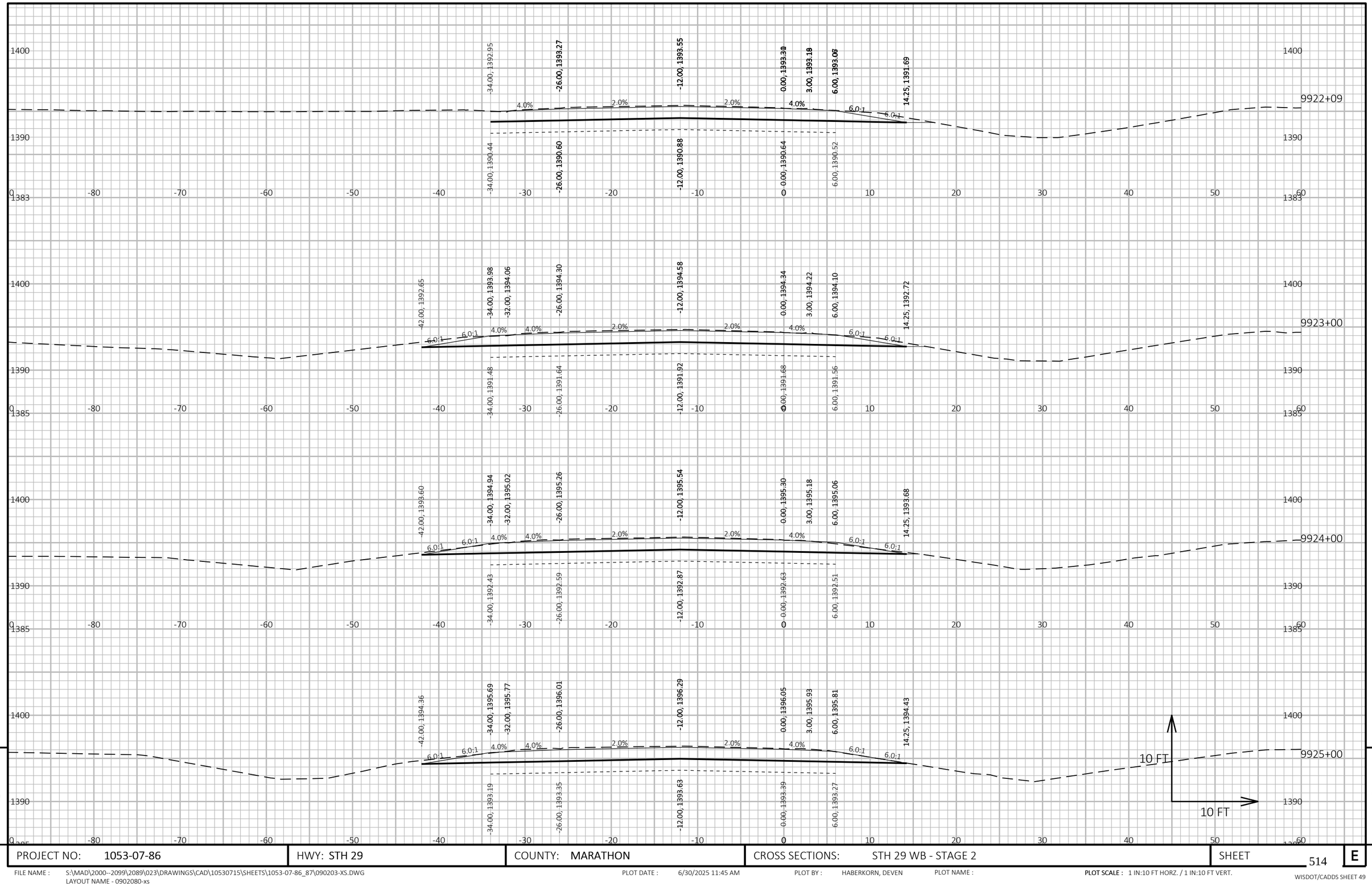


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 513 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902079-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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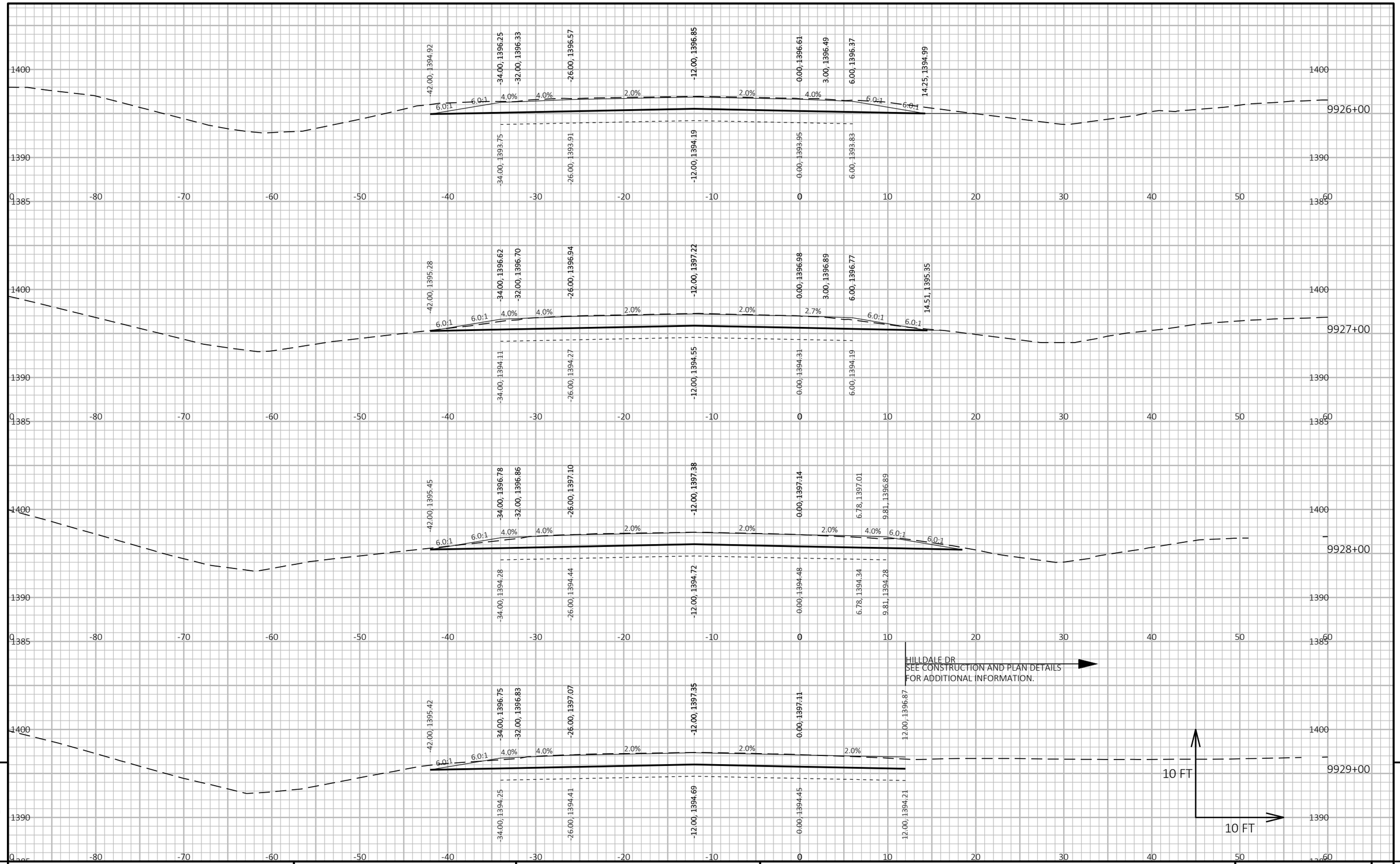
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 514	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902080-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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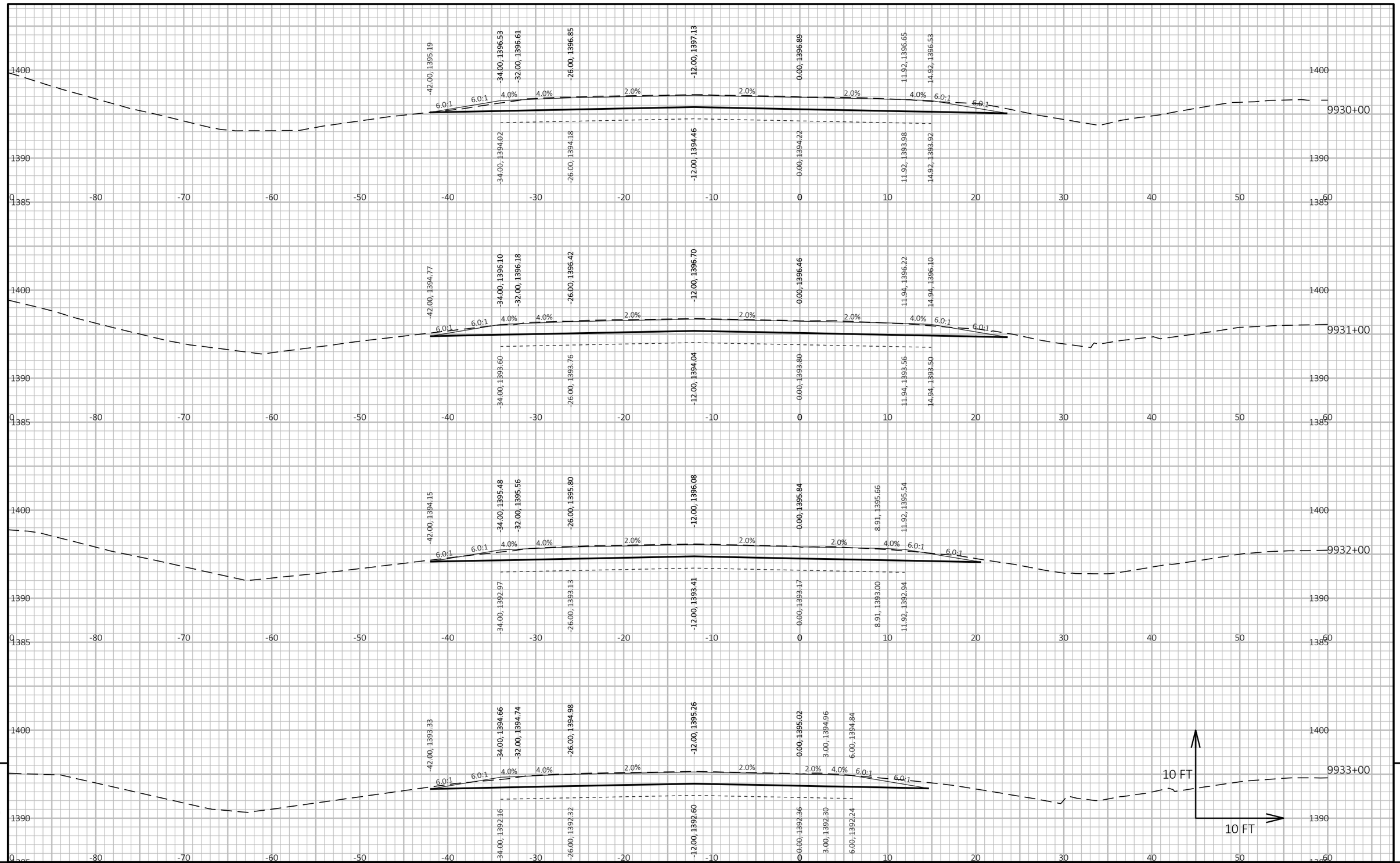
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 515	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902081-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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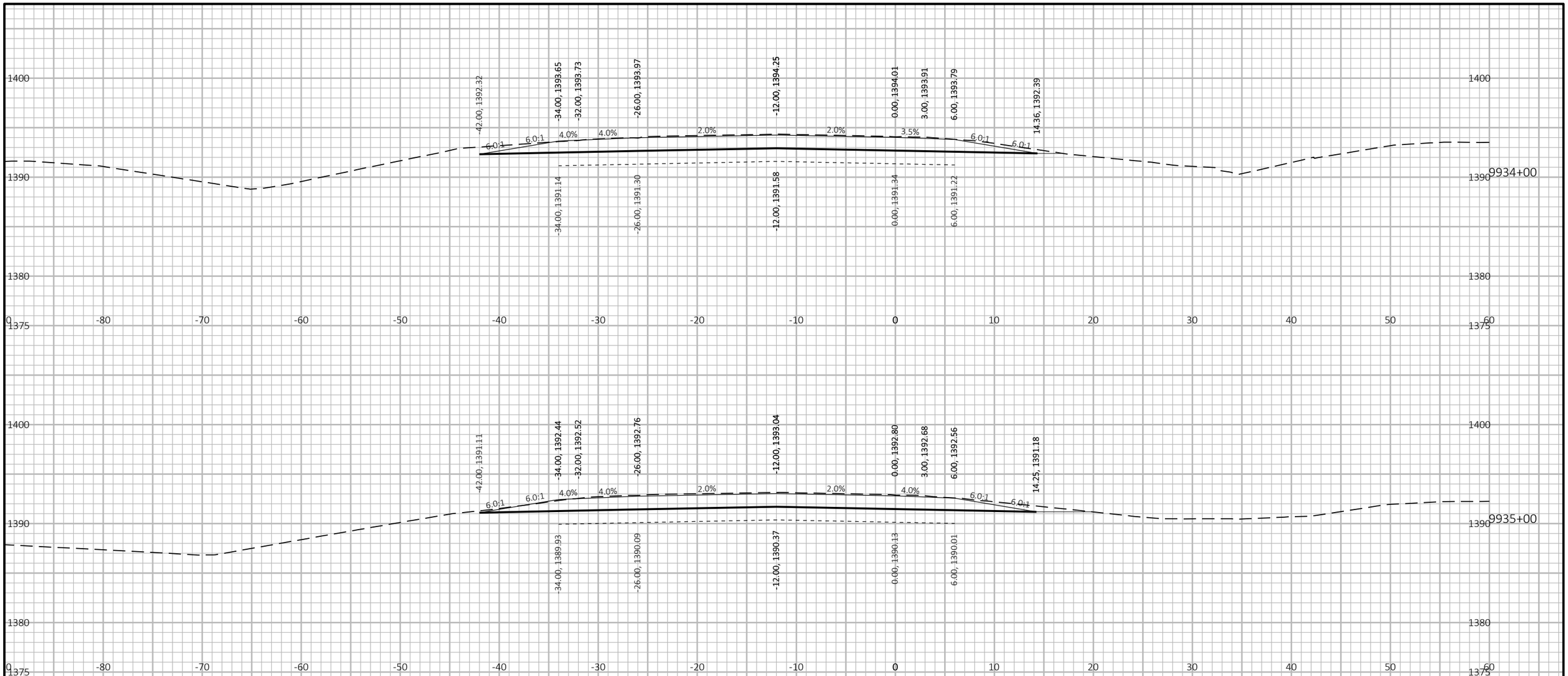
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 516	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902082-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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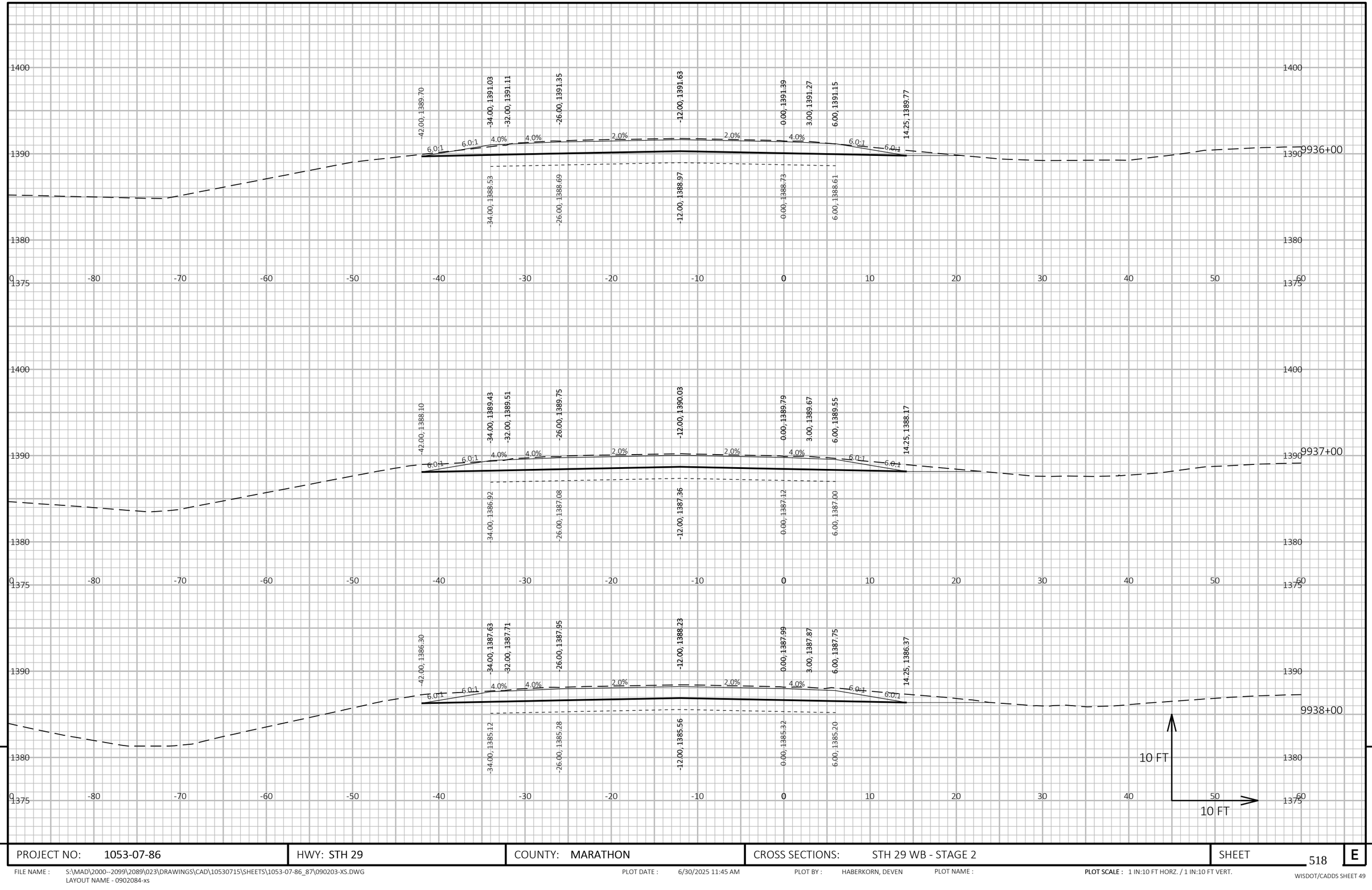
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 517	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902083-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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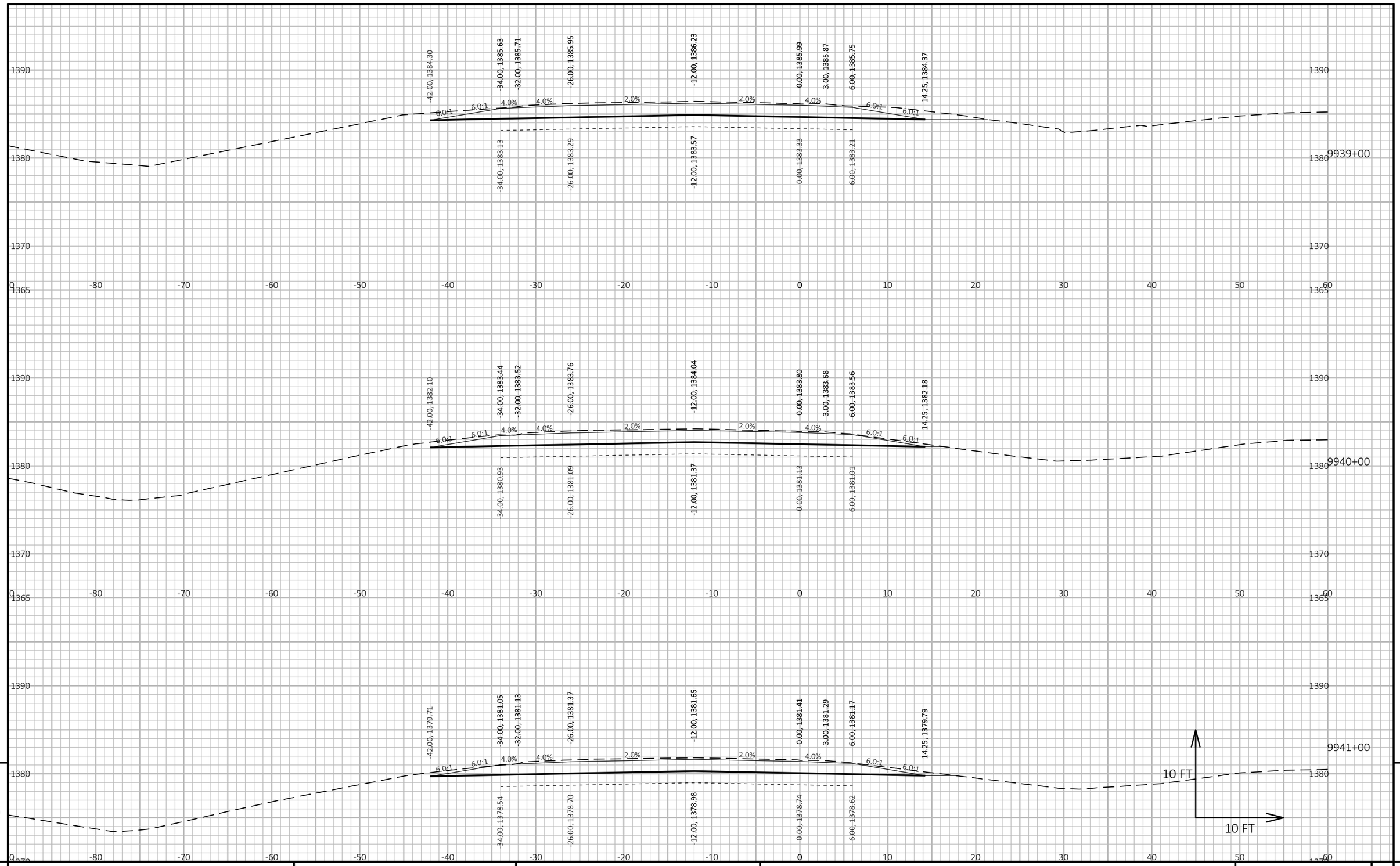
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 518	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902084-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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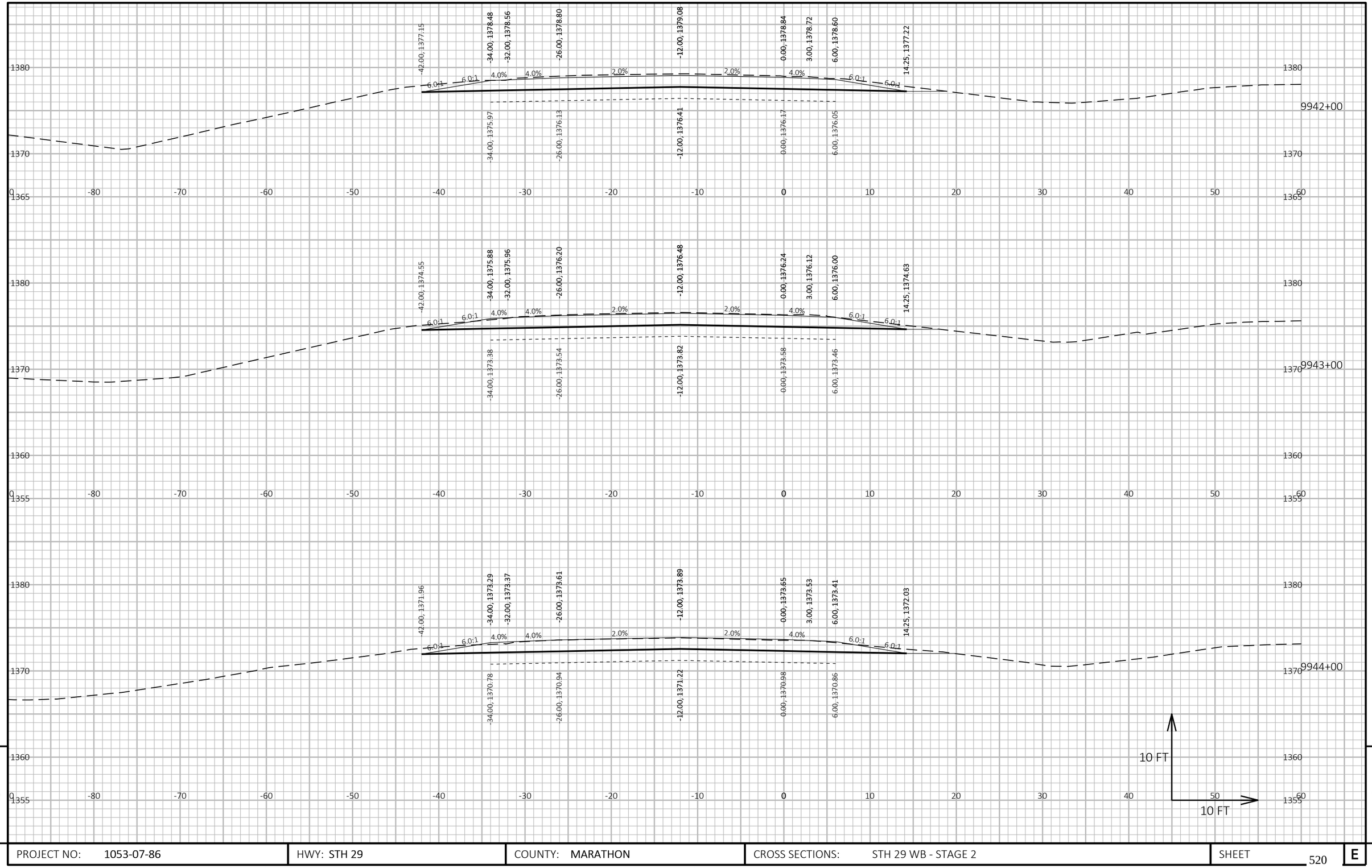
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 519	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902085-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

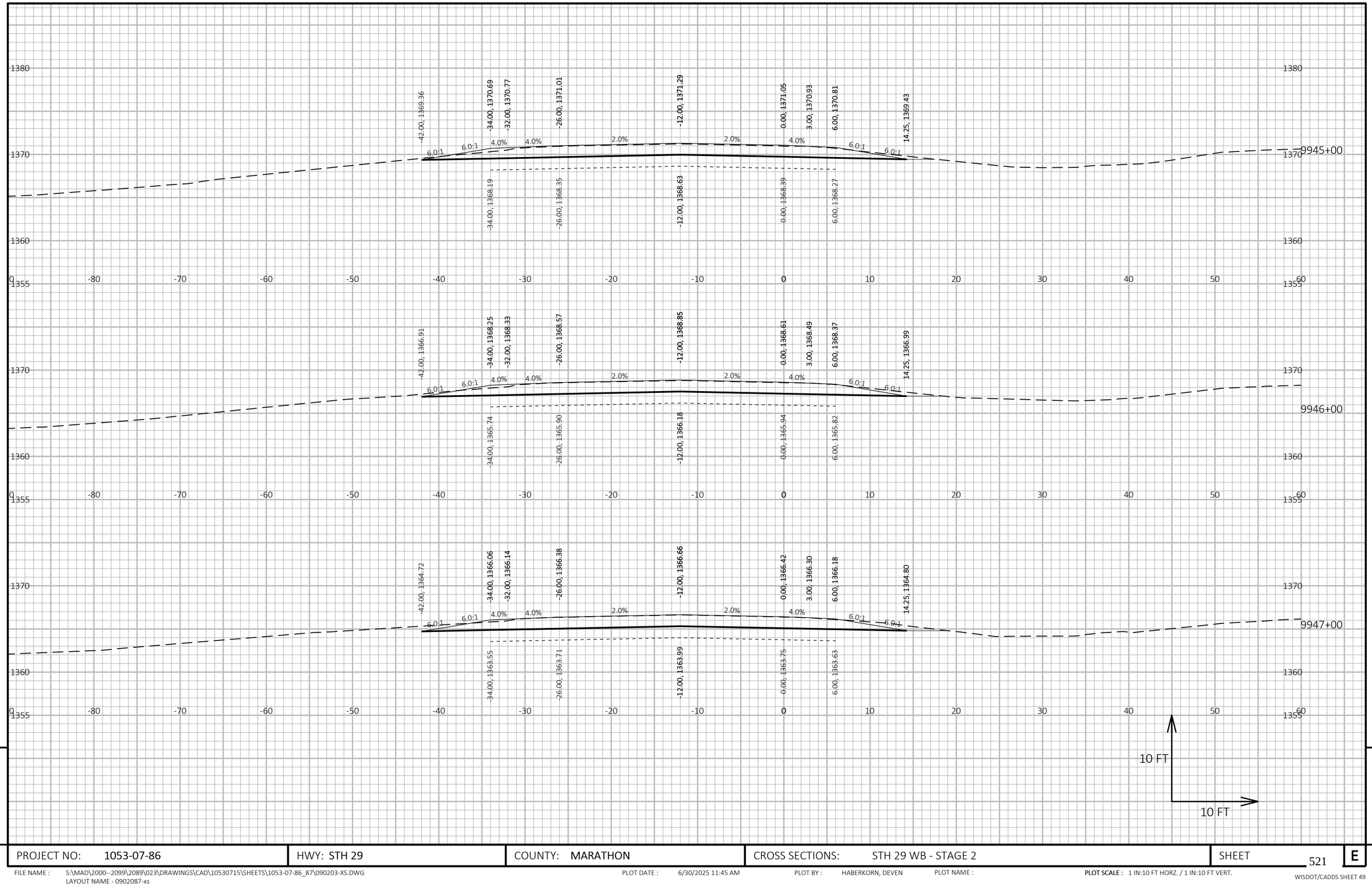


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 520	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902086-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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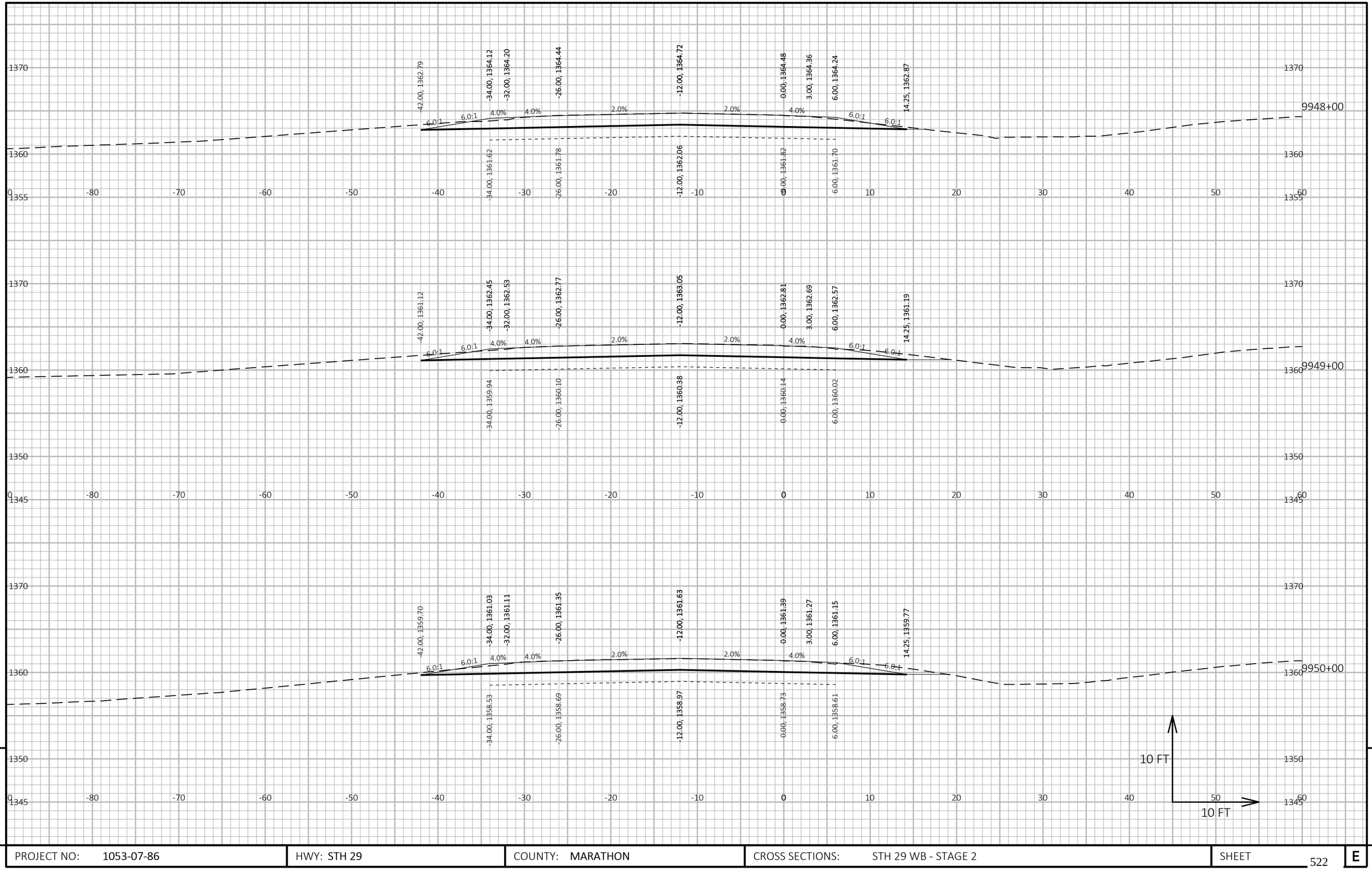
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 521	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902087-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

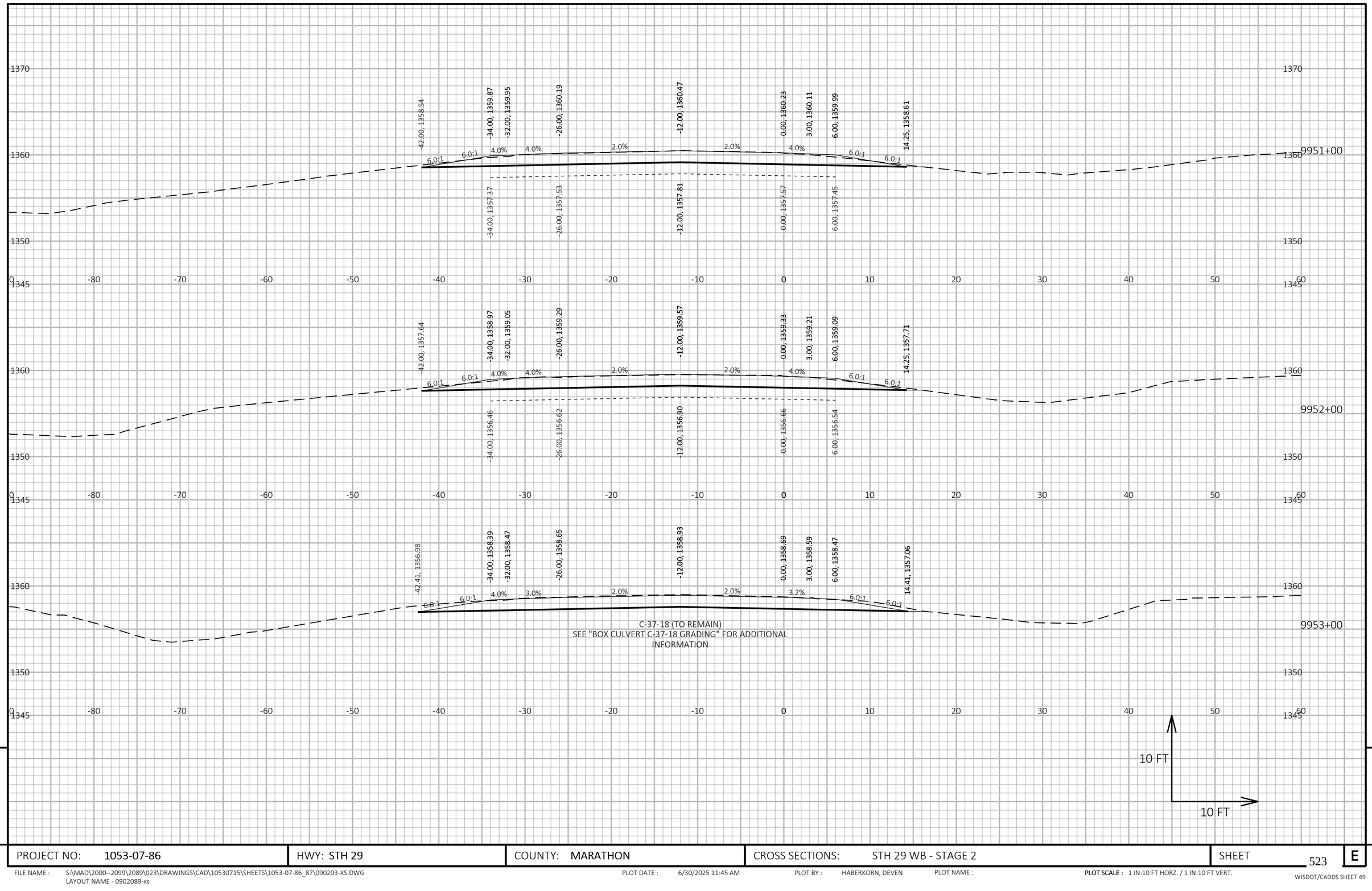


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 522	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902088-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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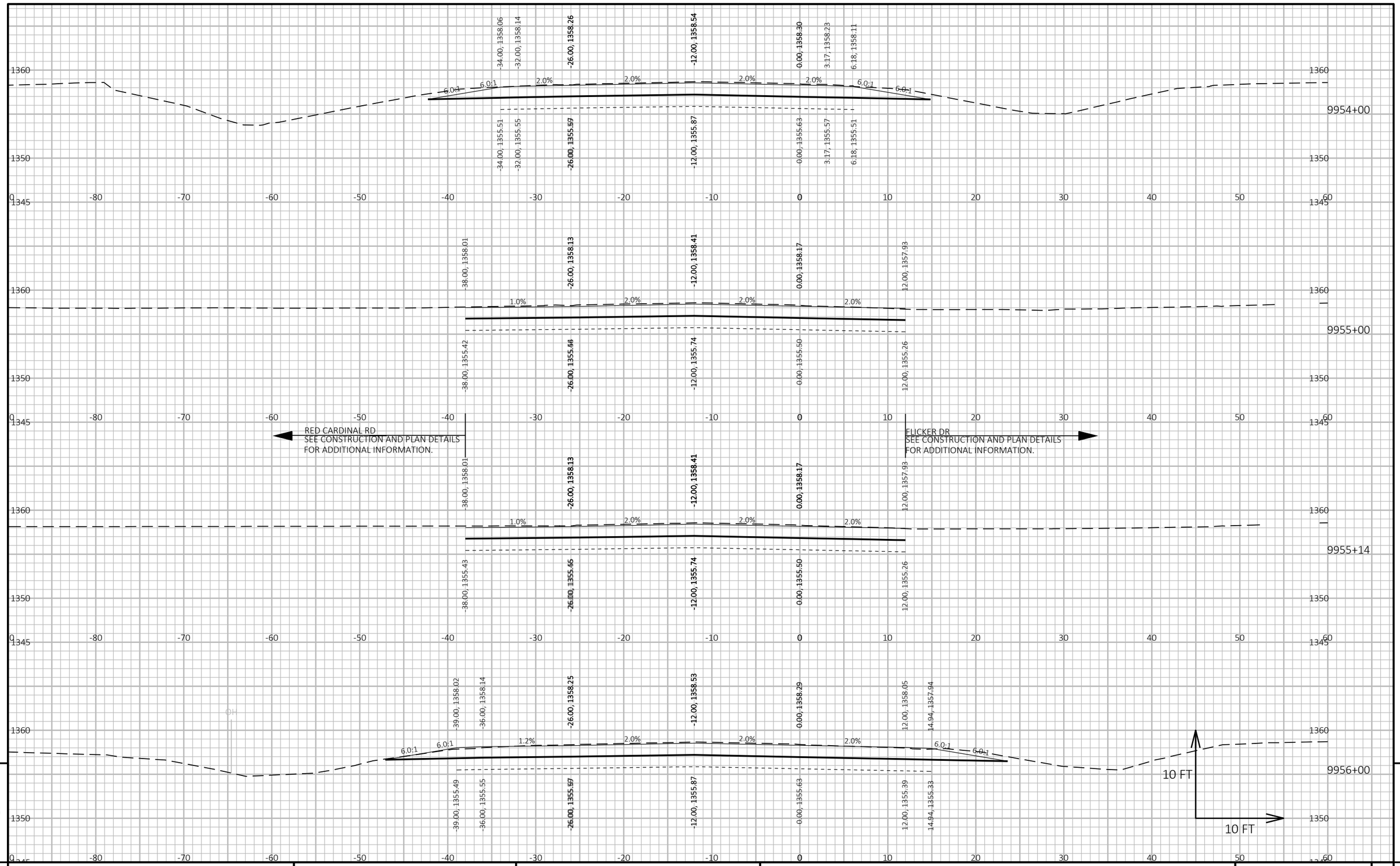
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 523	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090203-XS.DWG
LAYOUT NAME - 0902089-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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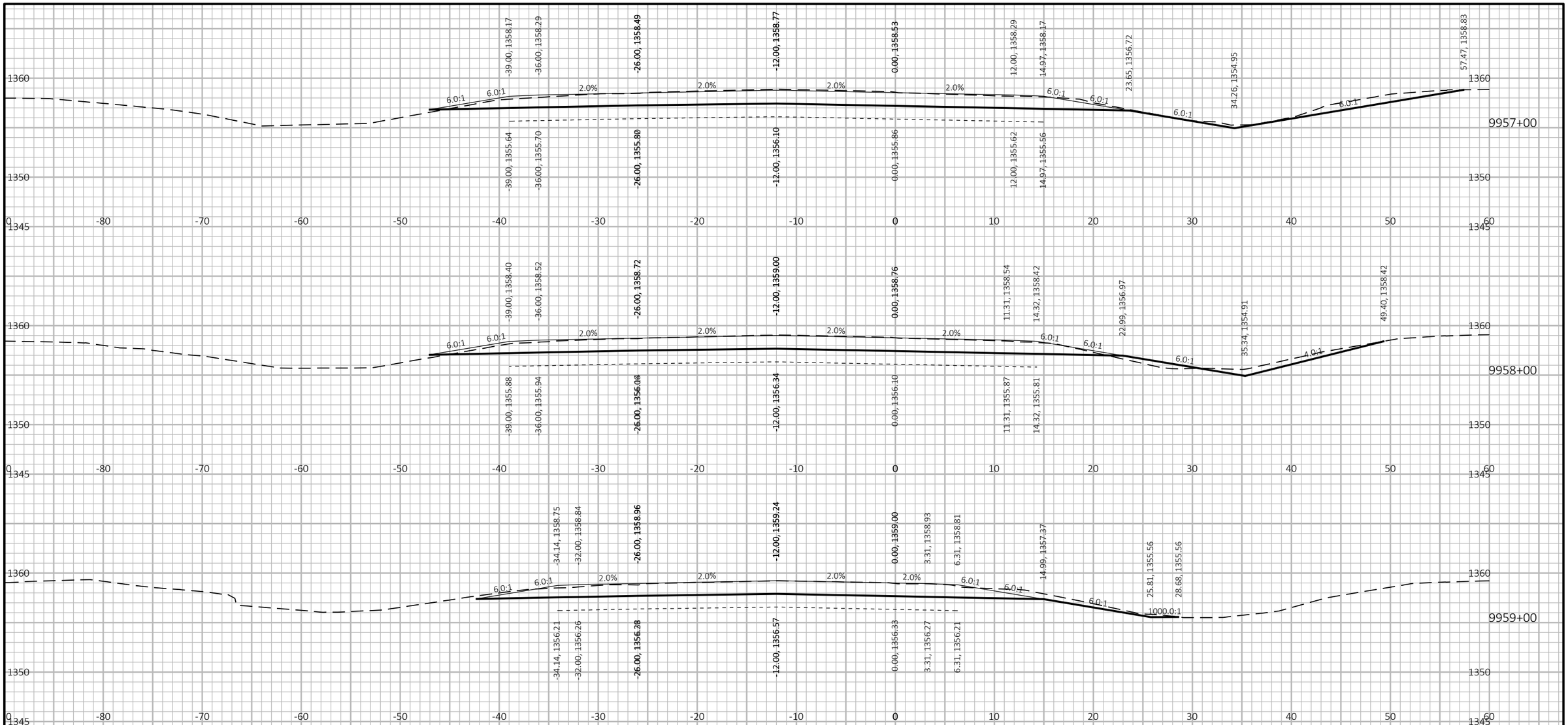
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 524	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902090-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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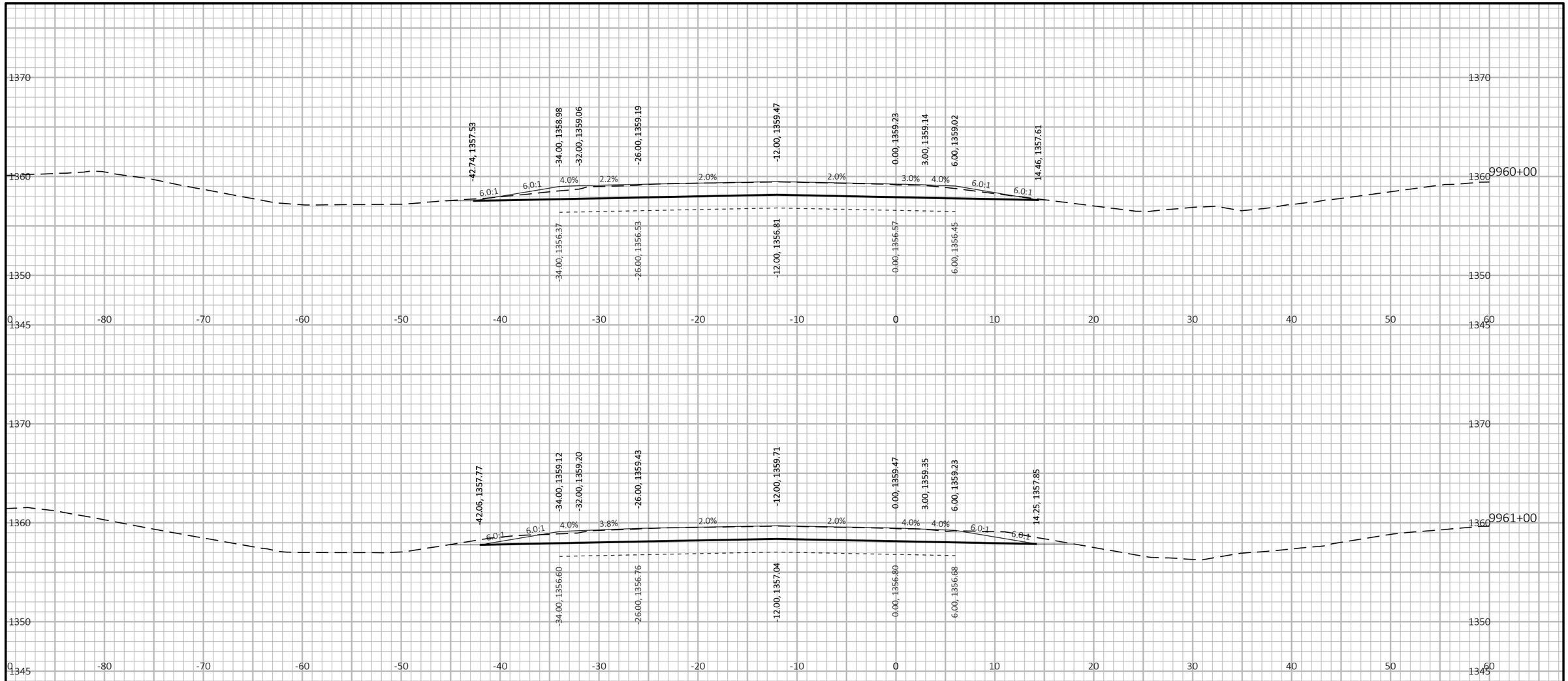
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 525	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902091-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

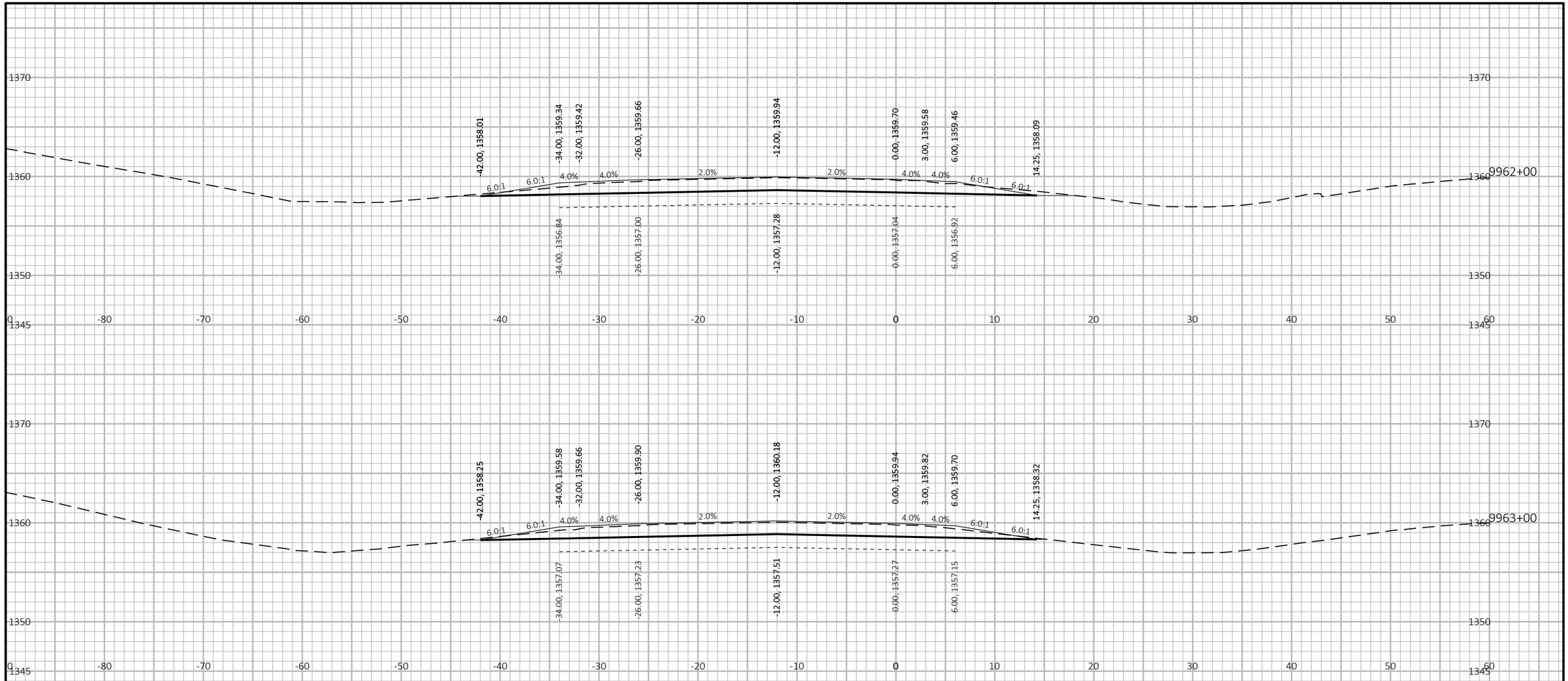
WISDOT/CADDS SHEET 49



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 526	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902092-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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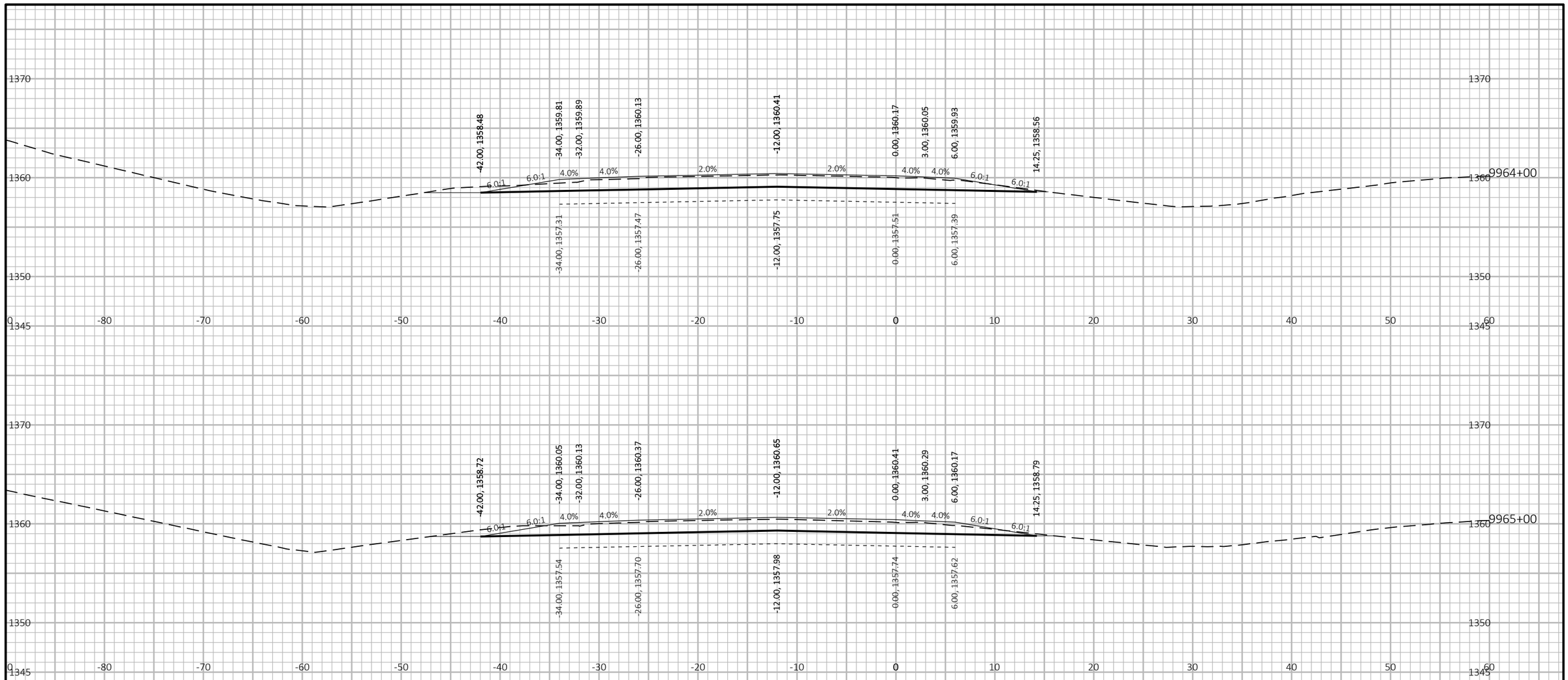
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 527	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902093-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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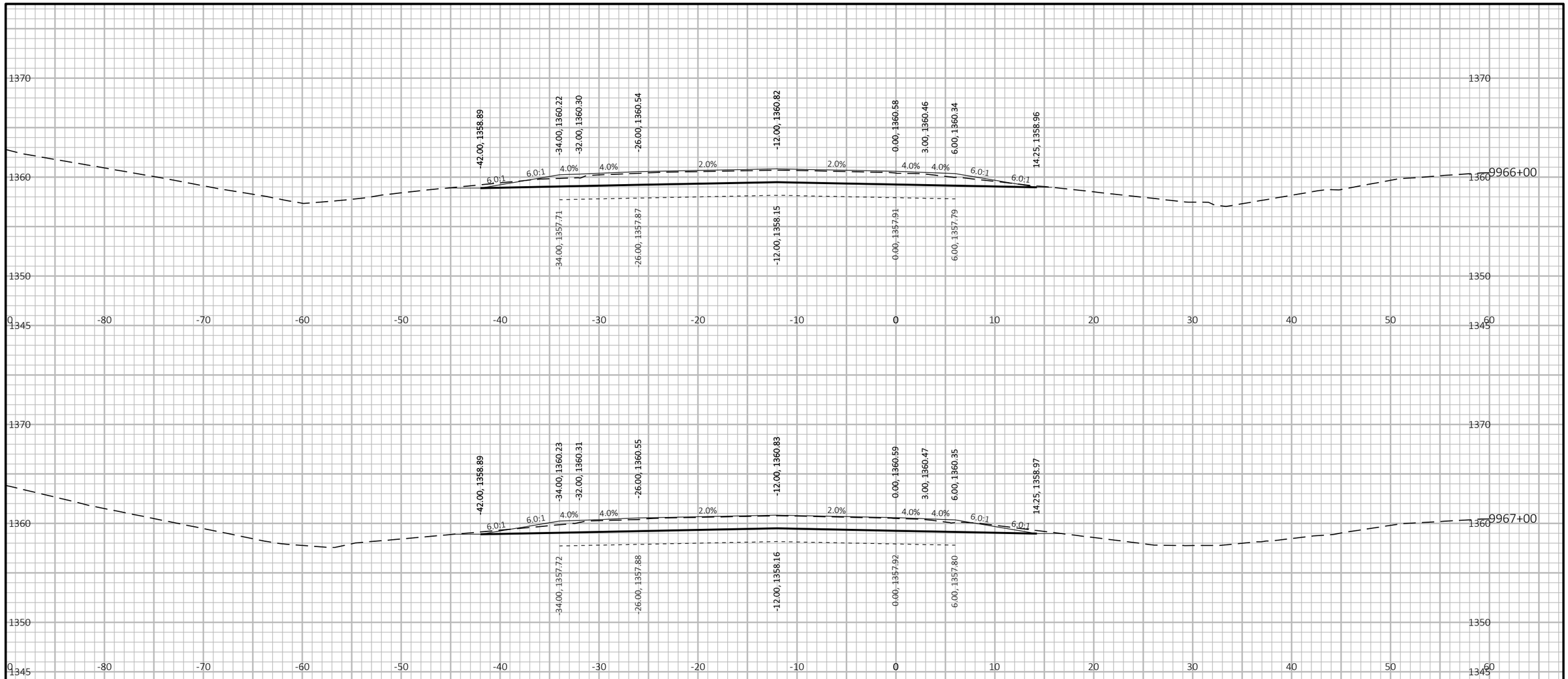
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 528	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902094-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



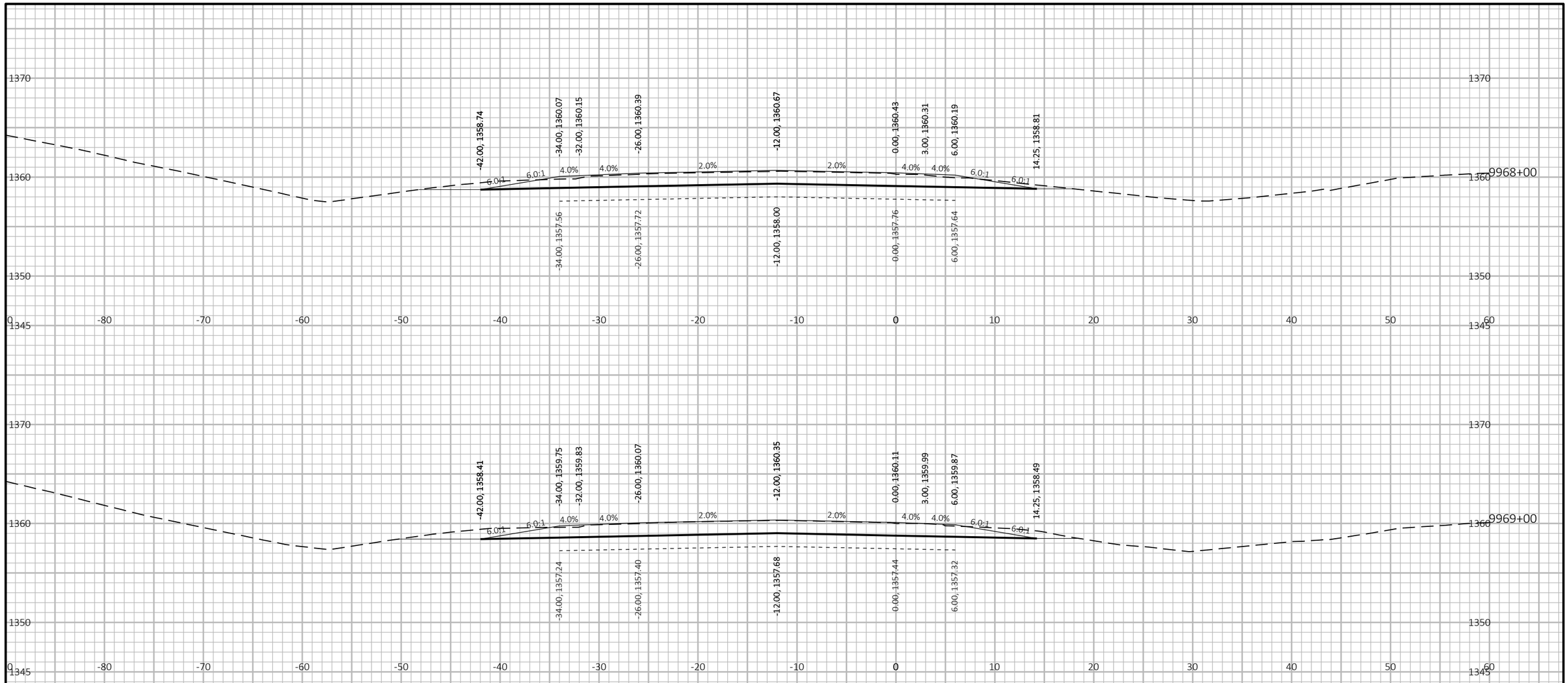
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 529	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902095-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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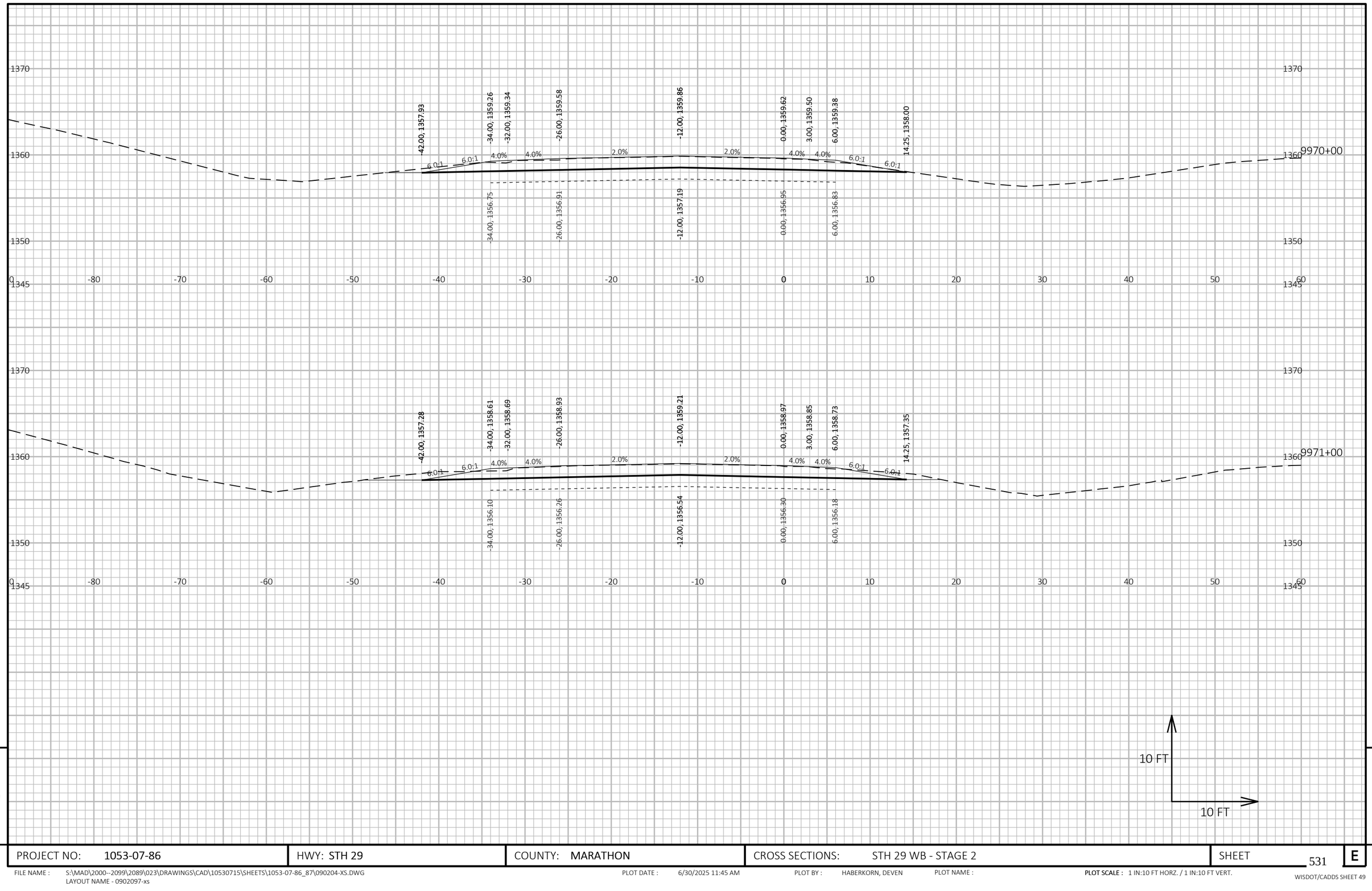
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 530	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902096-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

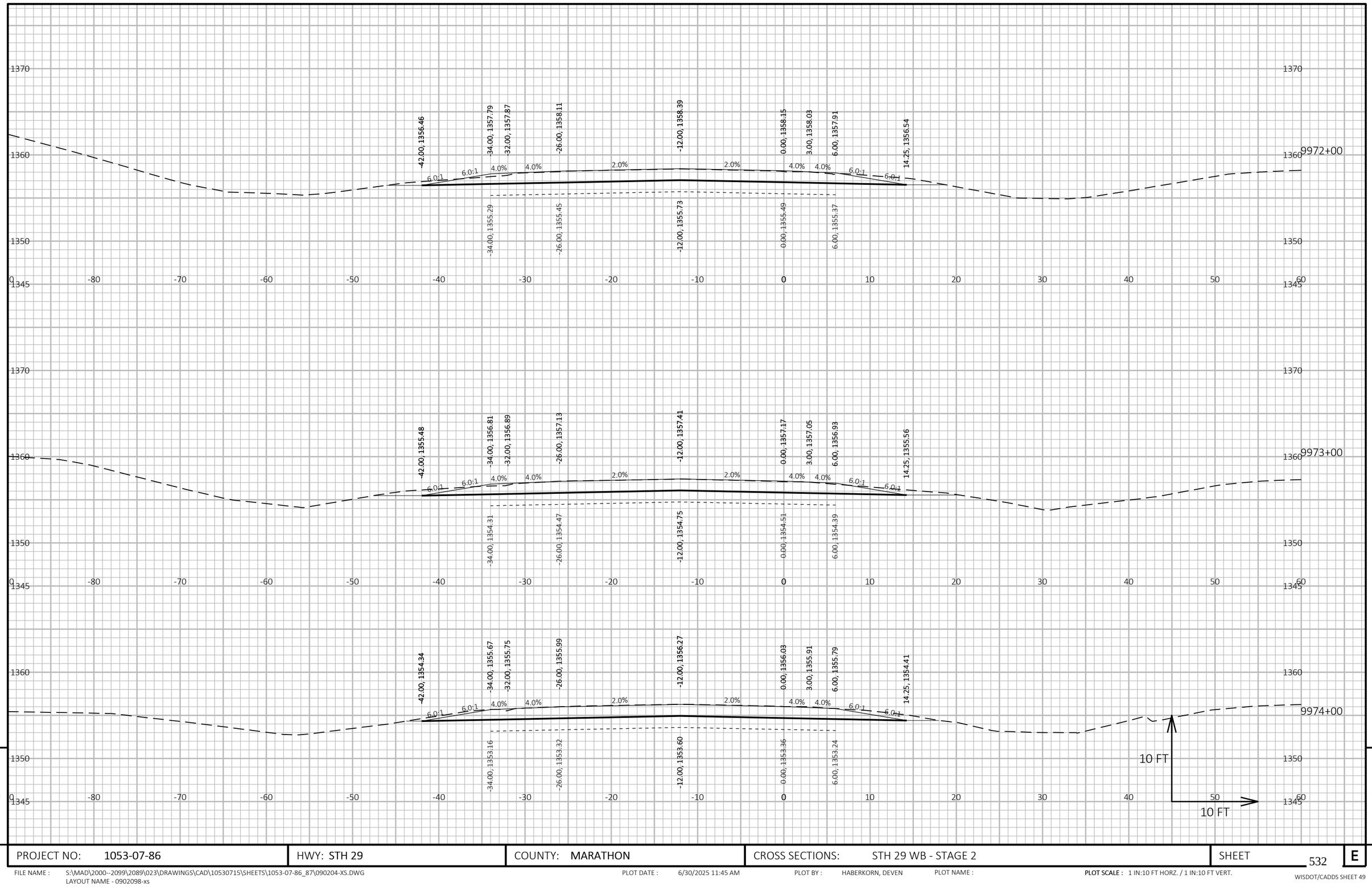


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 531	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902097-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



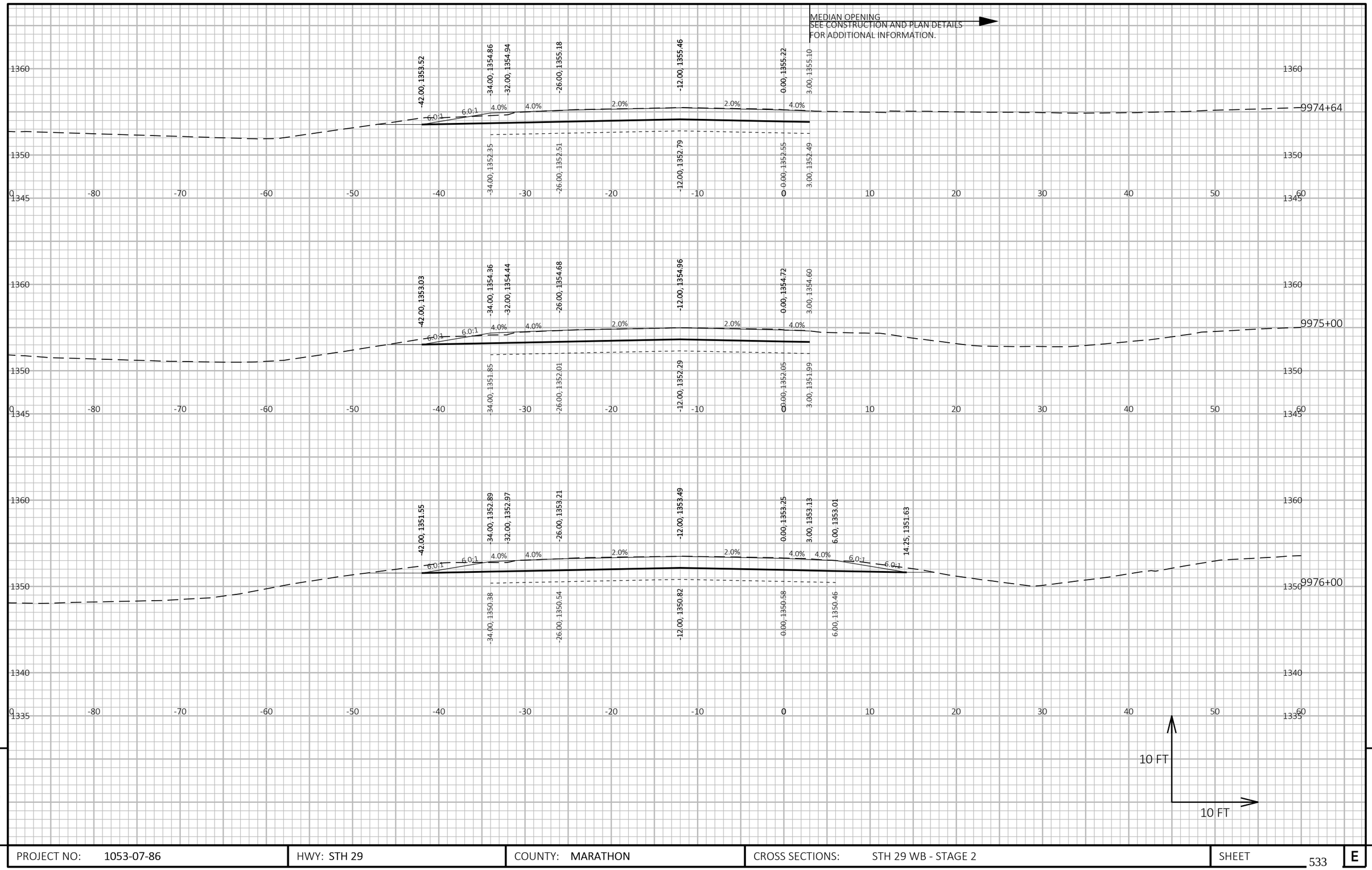
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 532	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902098-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

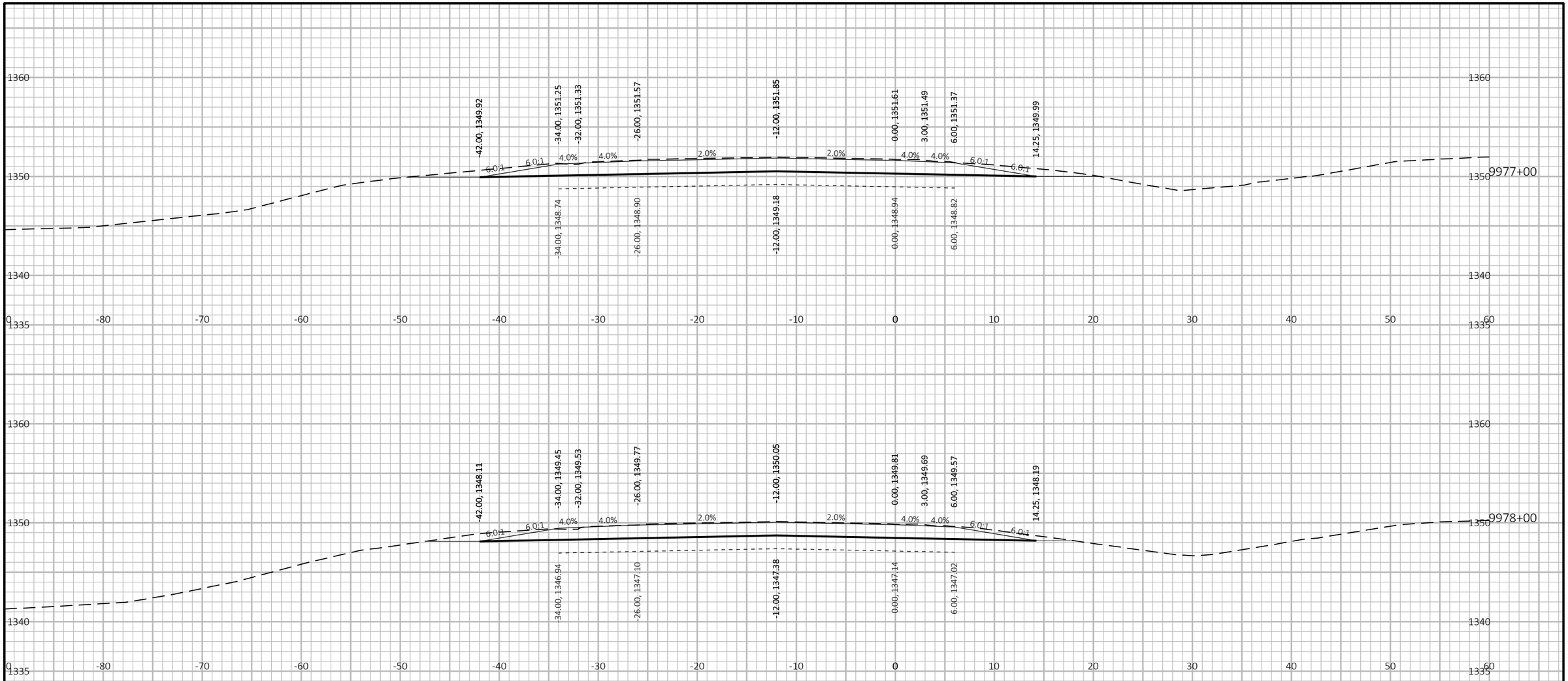


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 533	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902099-xs

PLOT DATE : 6/30/2025 11:45 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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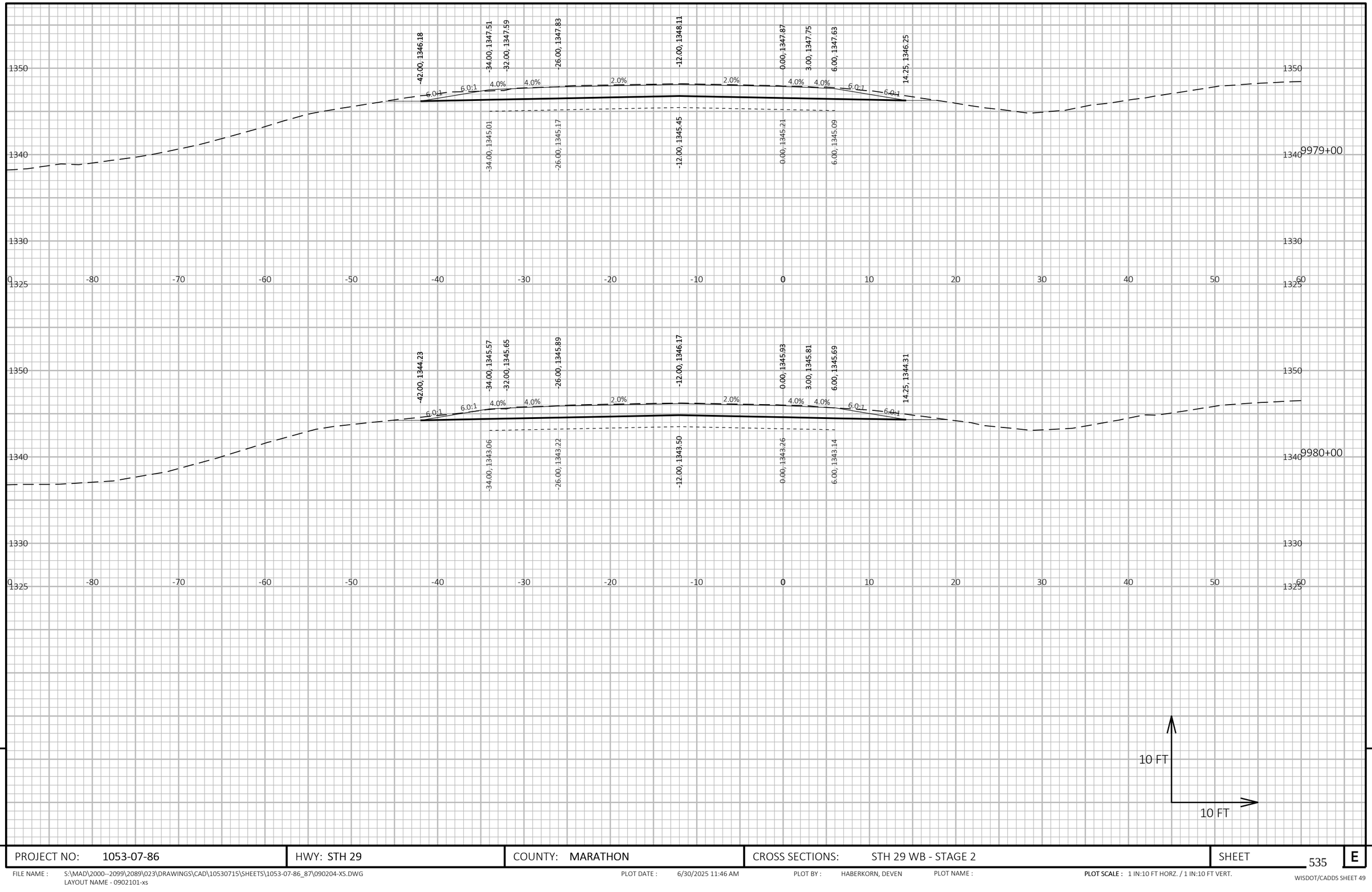
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 534	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902100-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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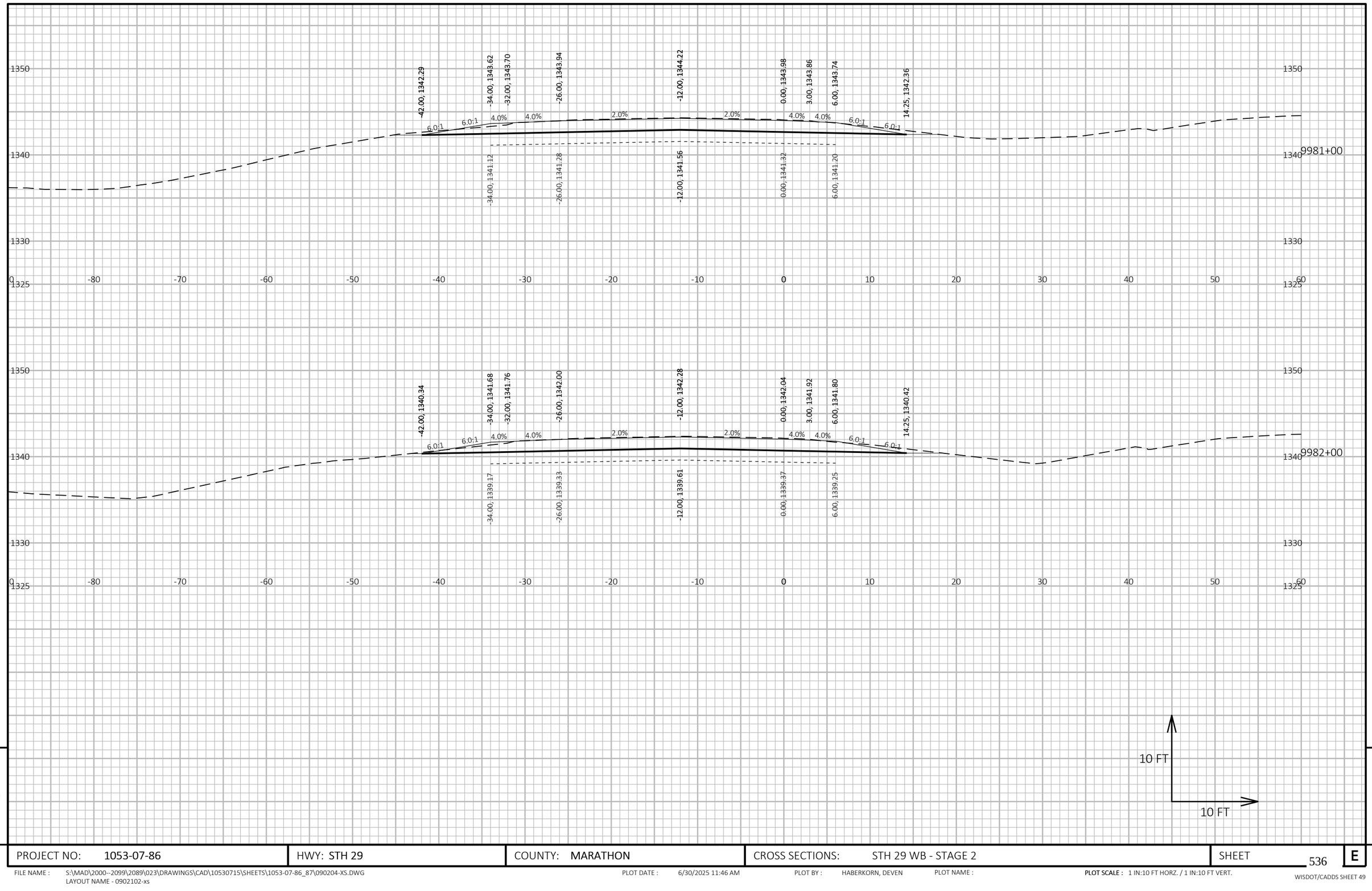
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 535	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902101-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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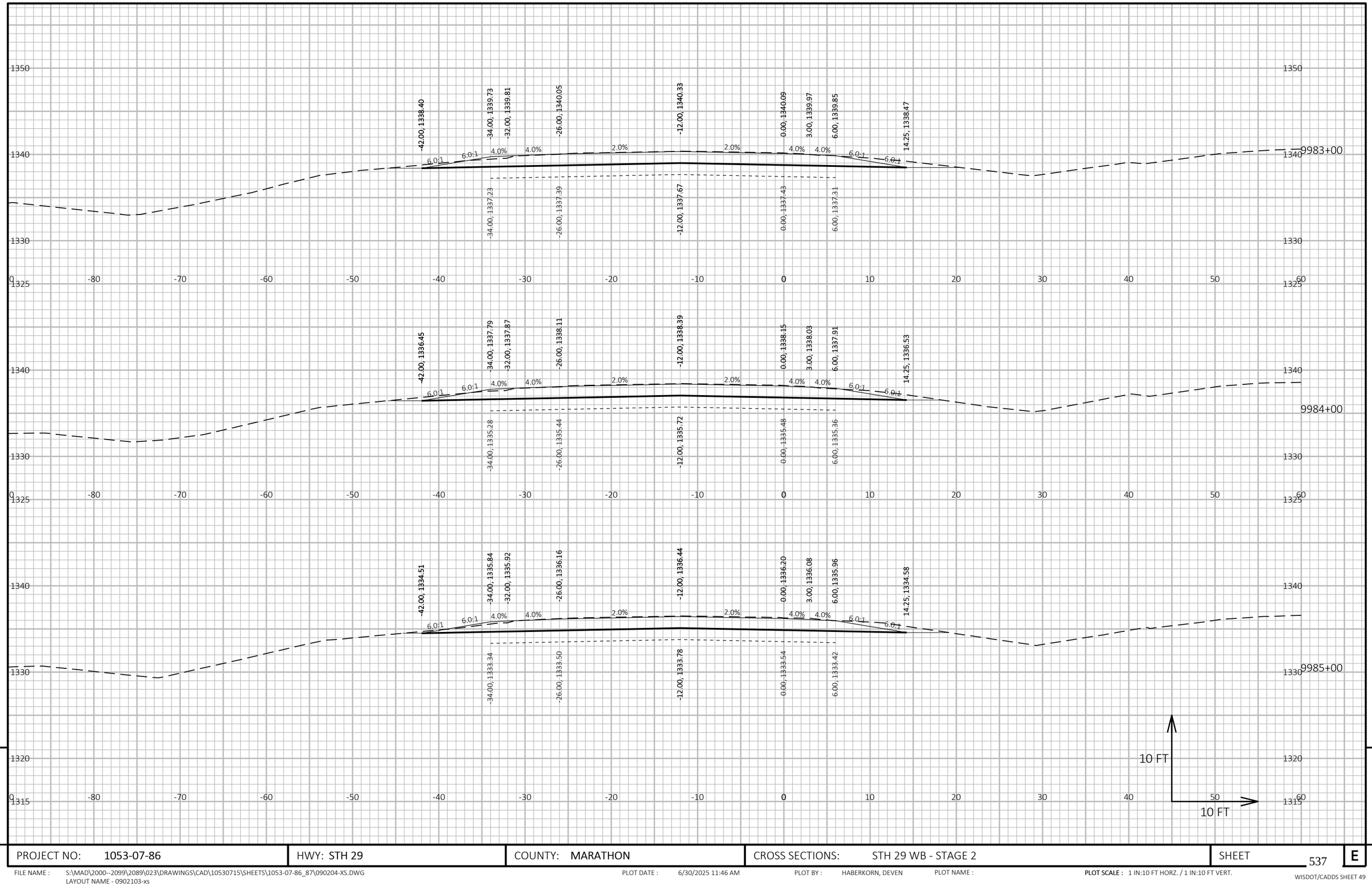
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 536	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902102-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

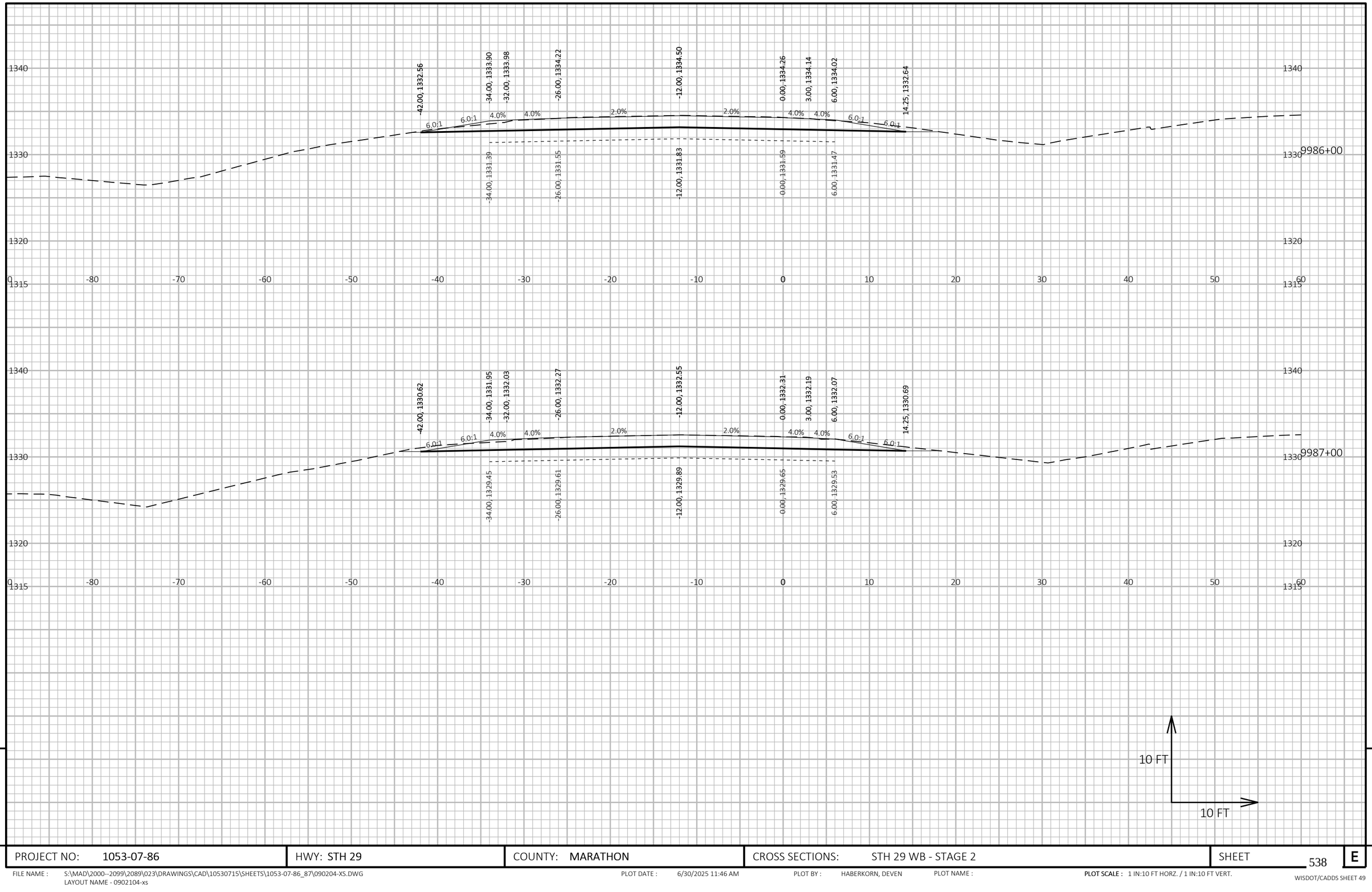


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 537 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902103-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

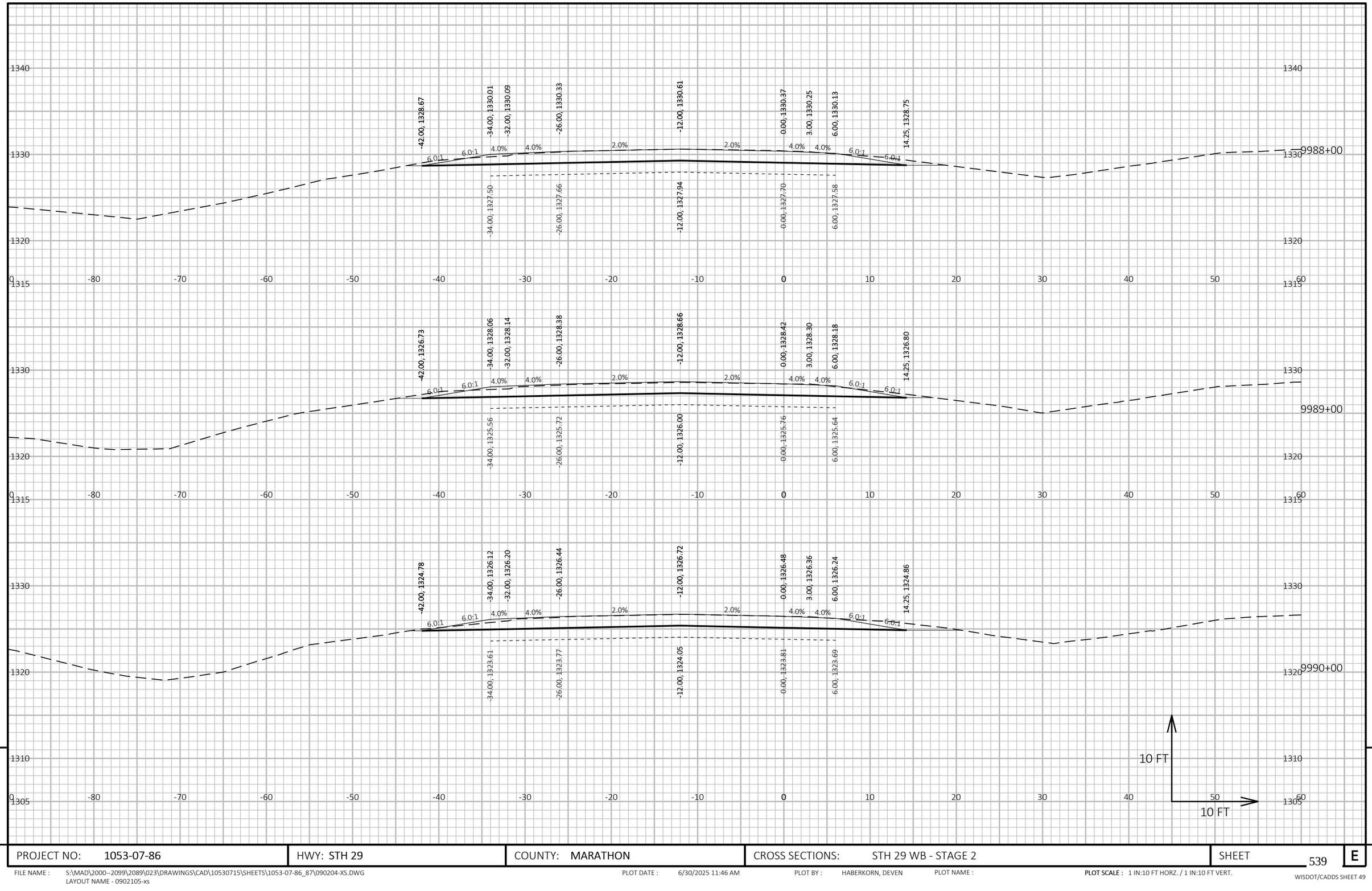


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 538	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902104-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

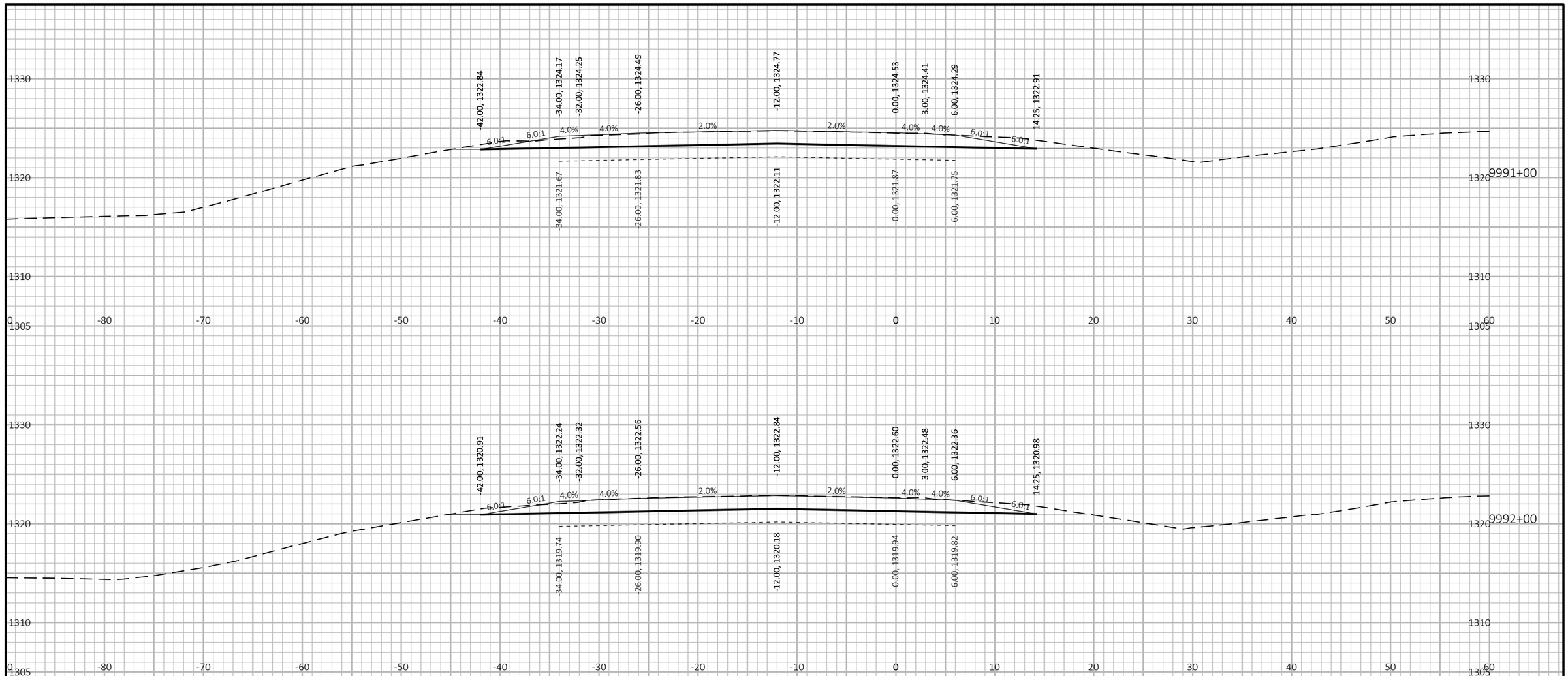


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 539 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902105-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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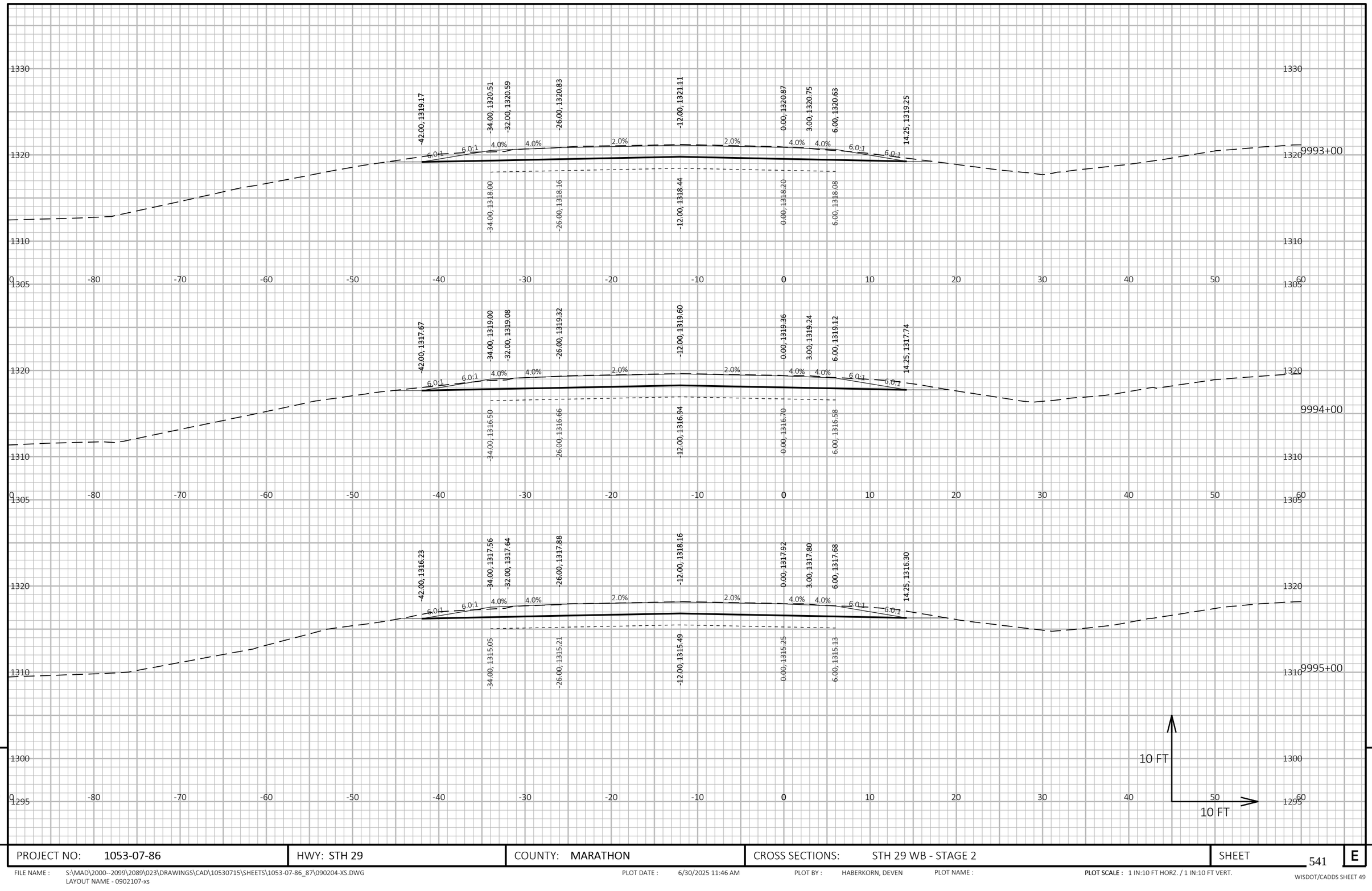
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 540	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902106-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

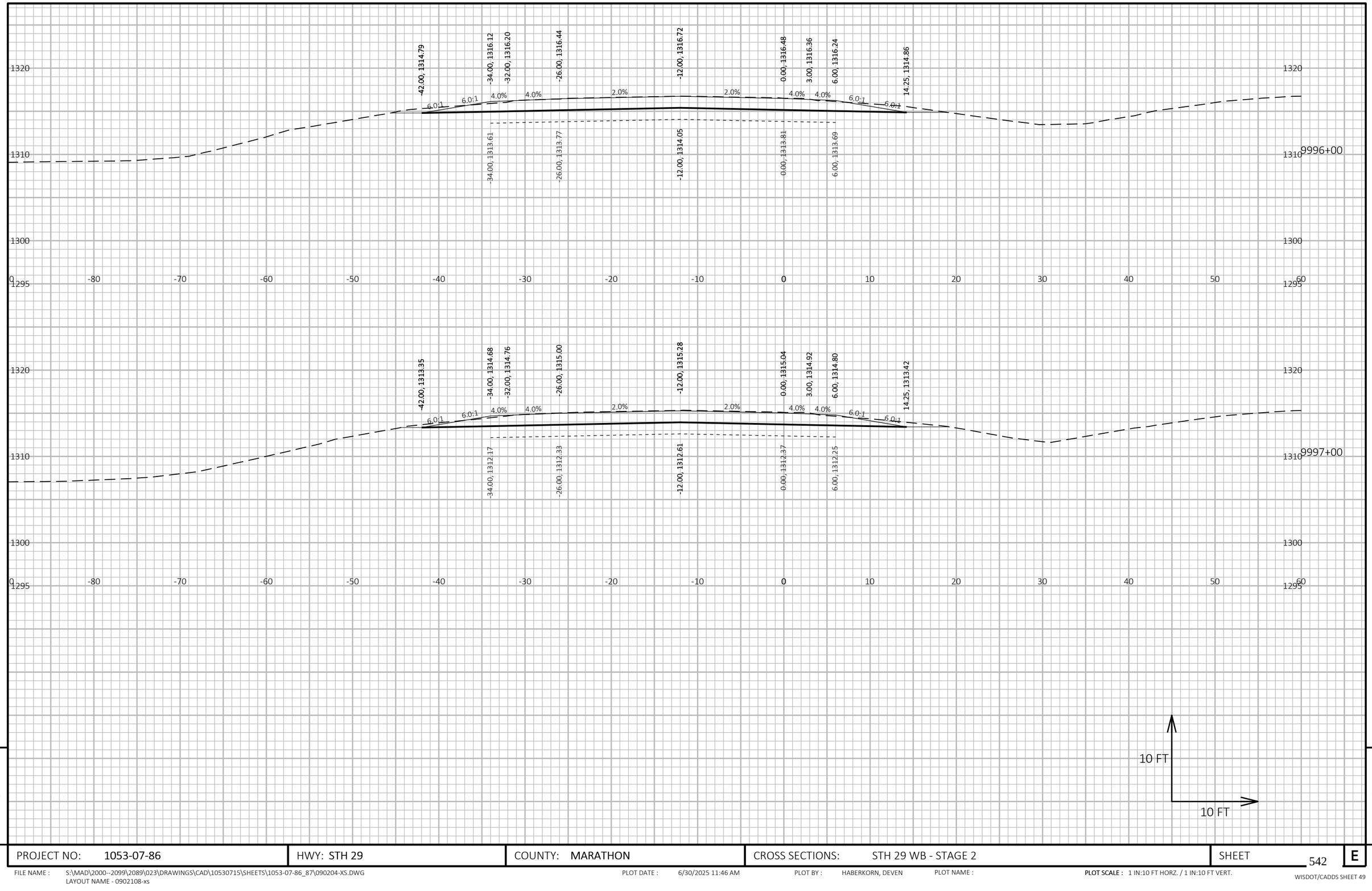


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 541	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902107-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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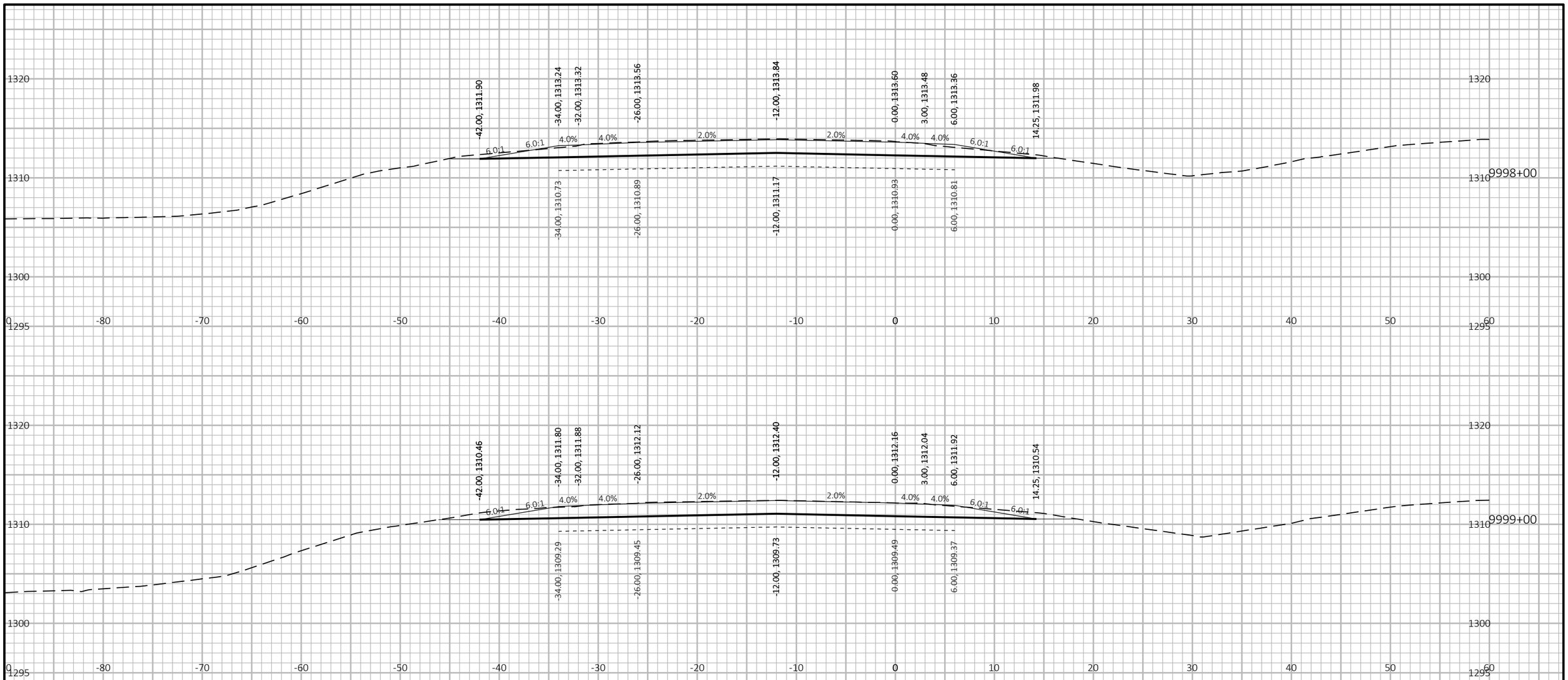
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 542	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902108-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



10 FT

10 FT

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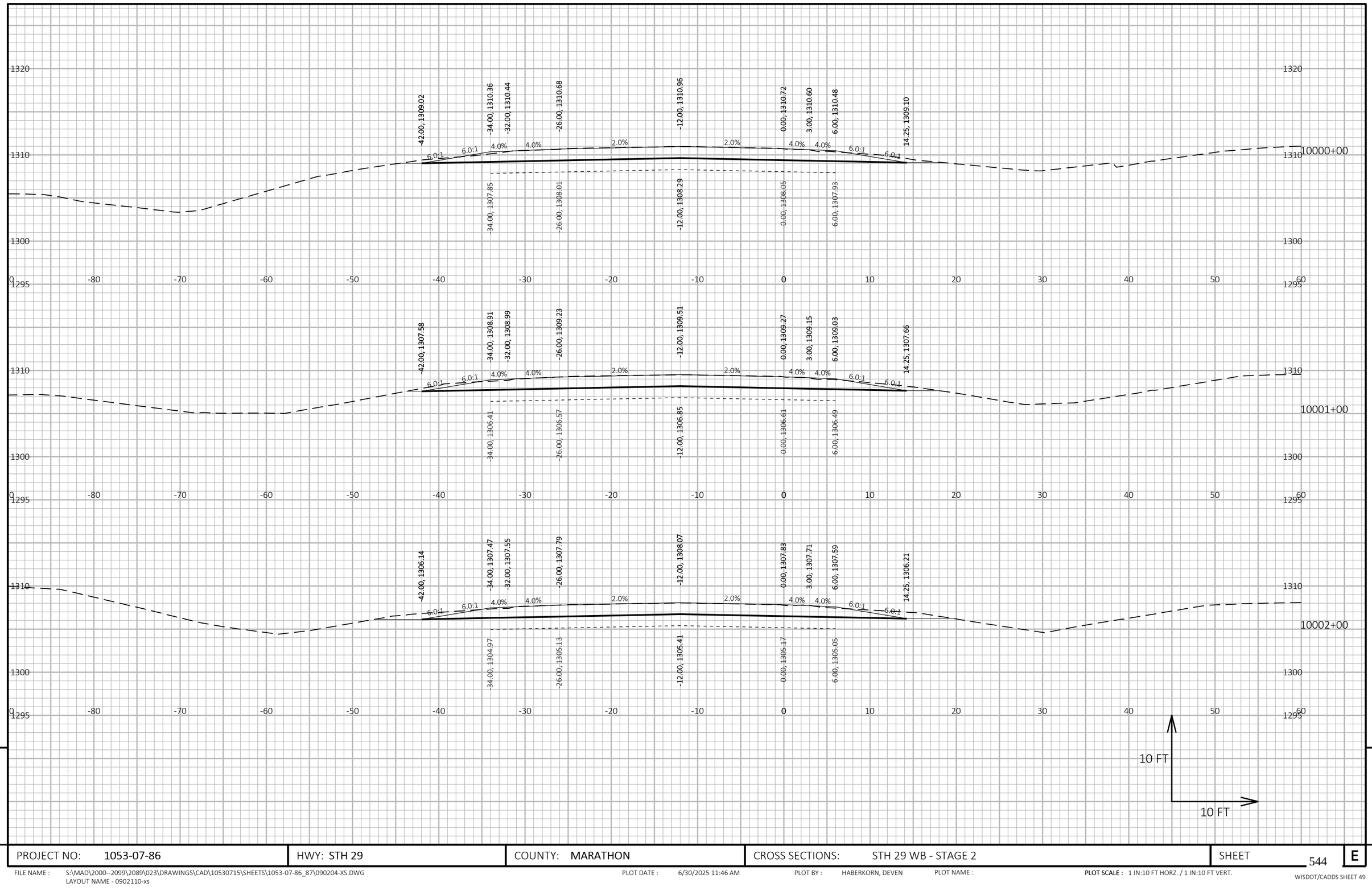
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 543	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902109-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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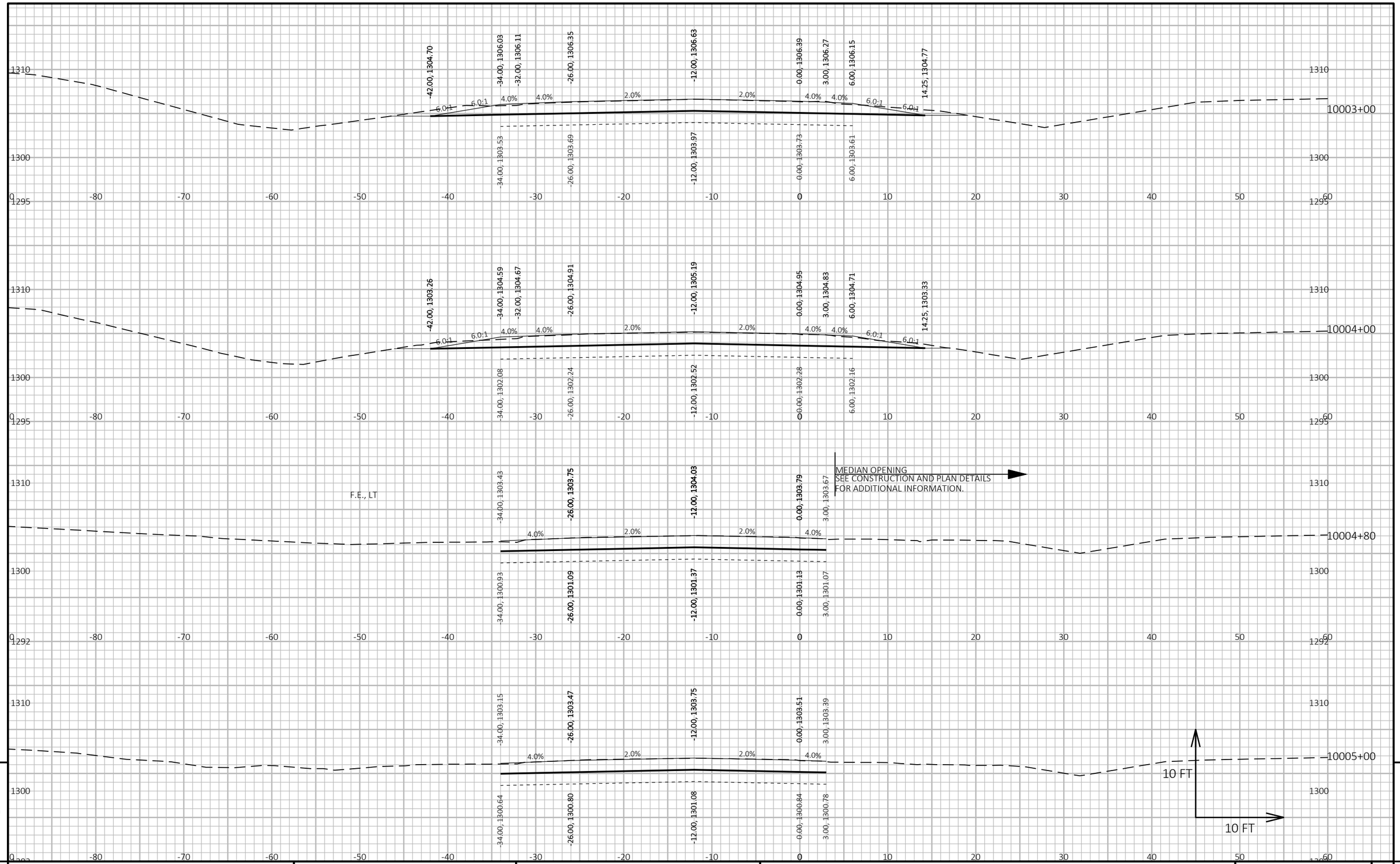
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 544	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902110-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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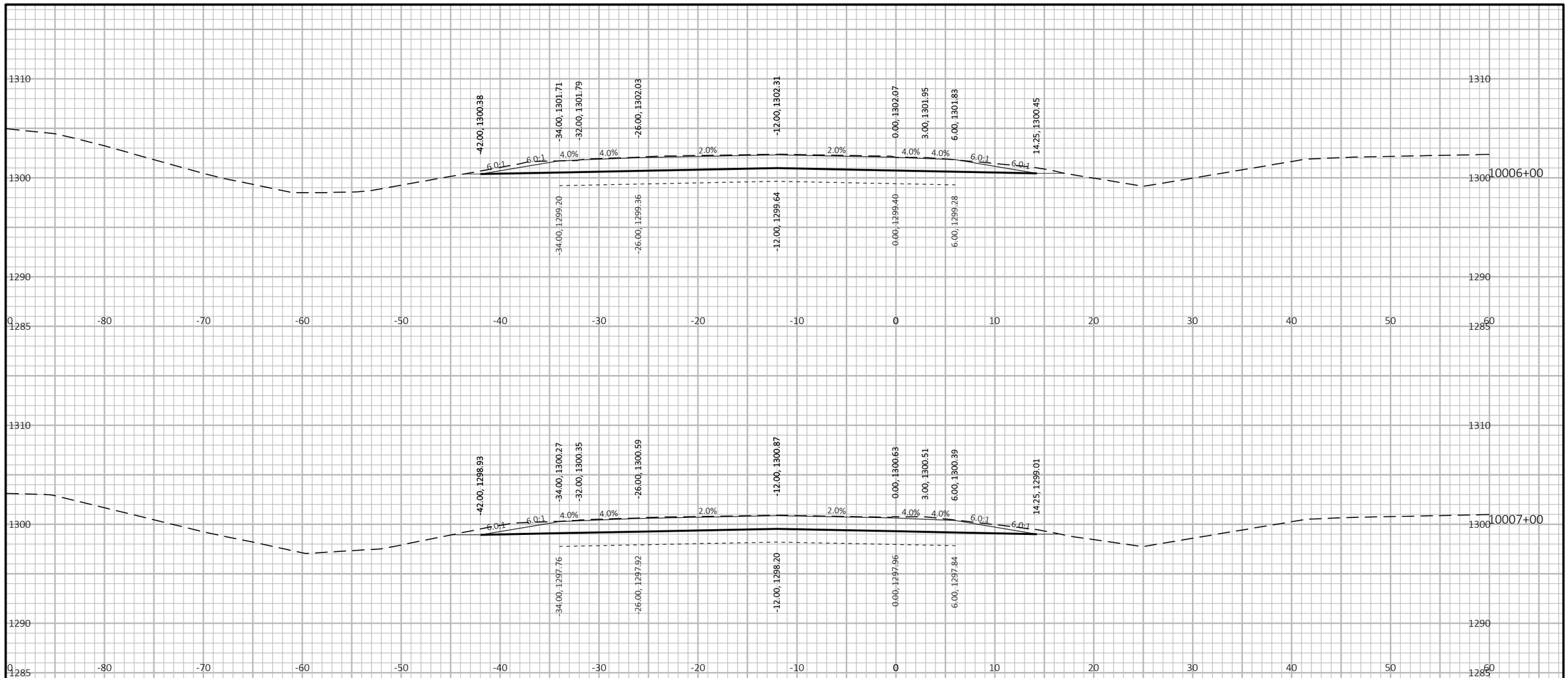
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 545	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902111-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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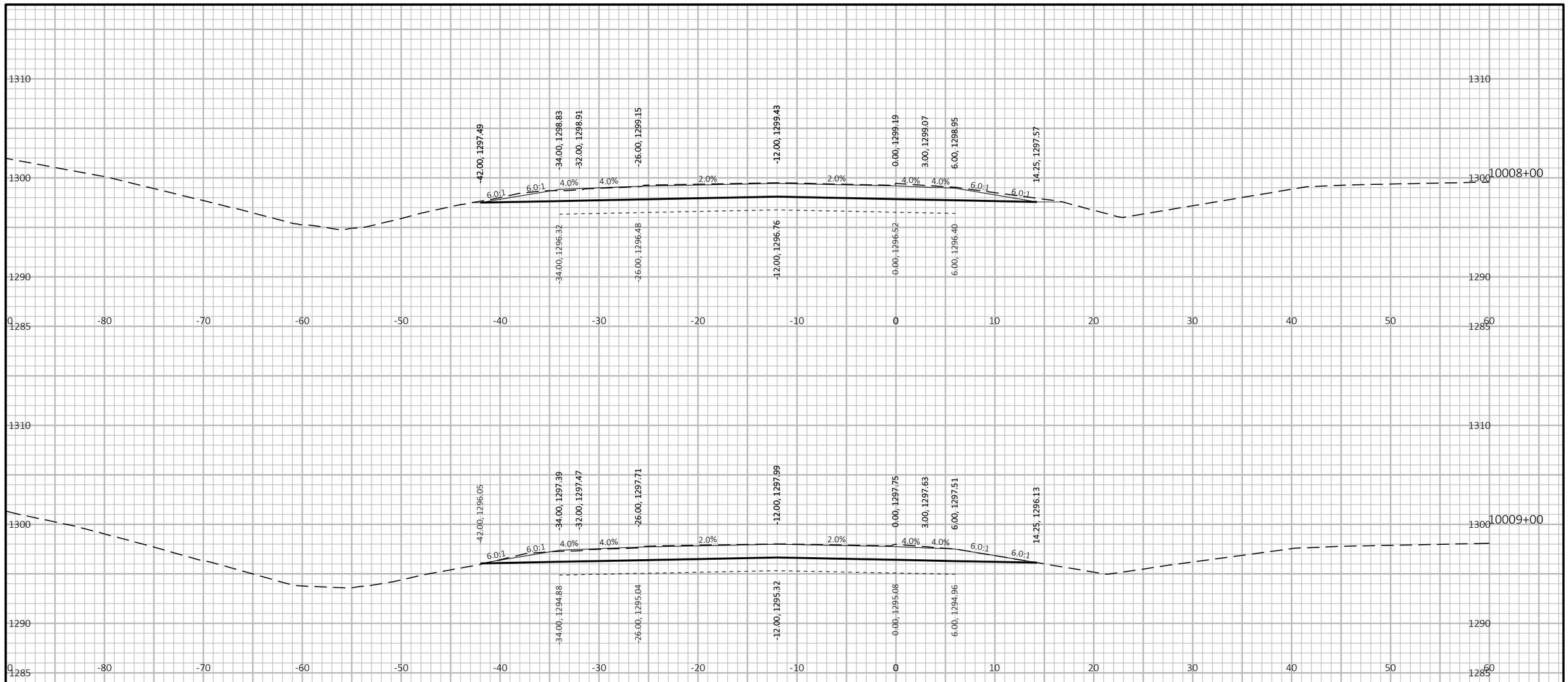
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 546	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902112-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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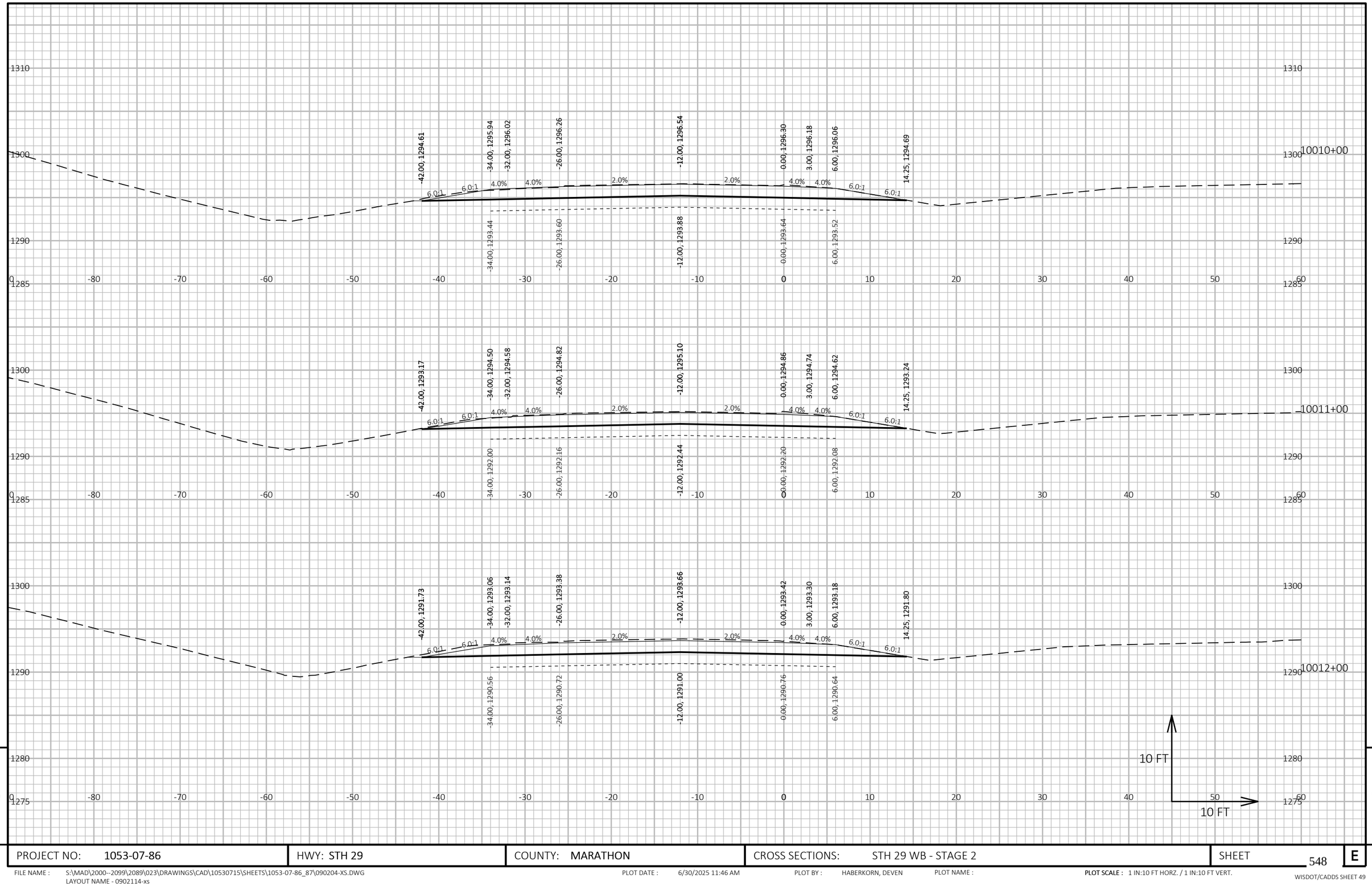
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 547	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902113-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

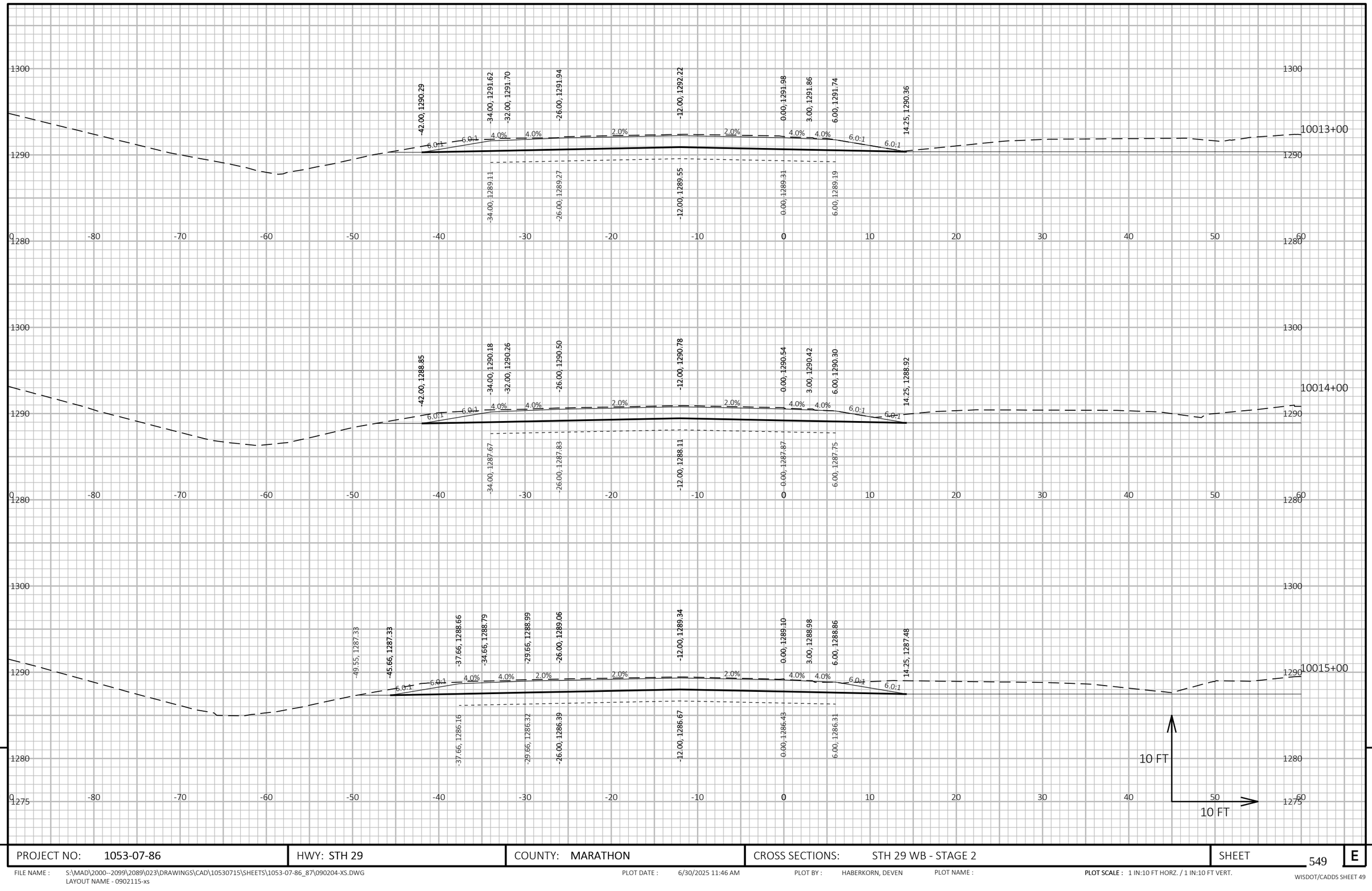


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 548 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902114-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

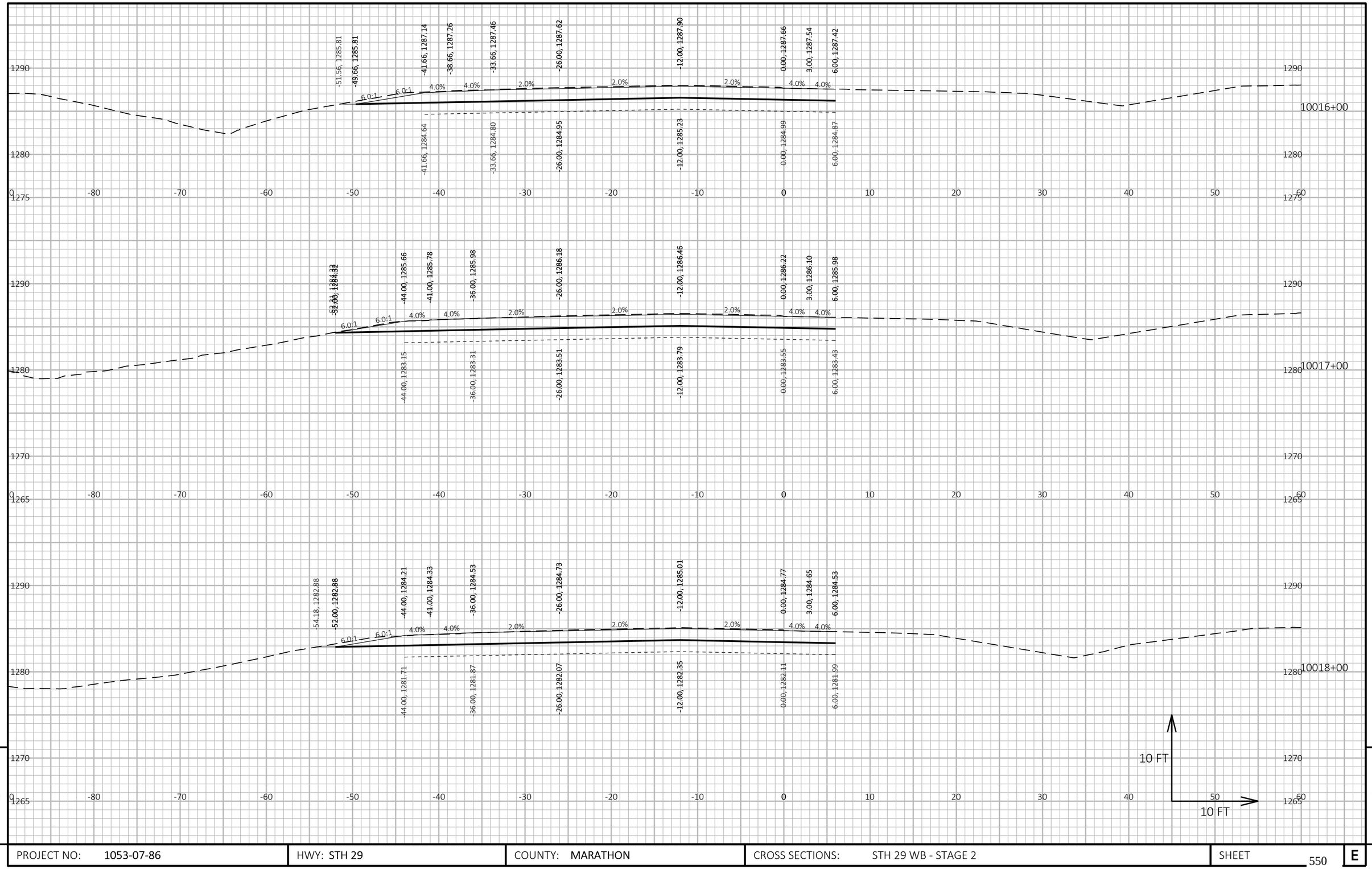
WISDOT/CADDS SHEET 49



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 549	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902115-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

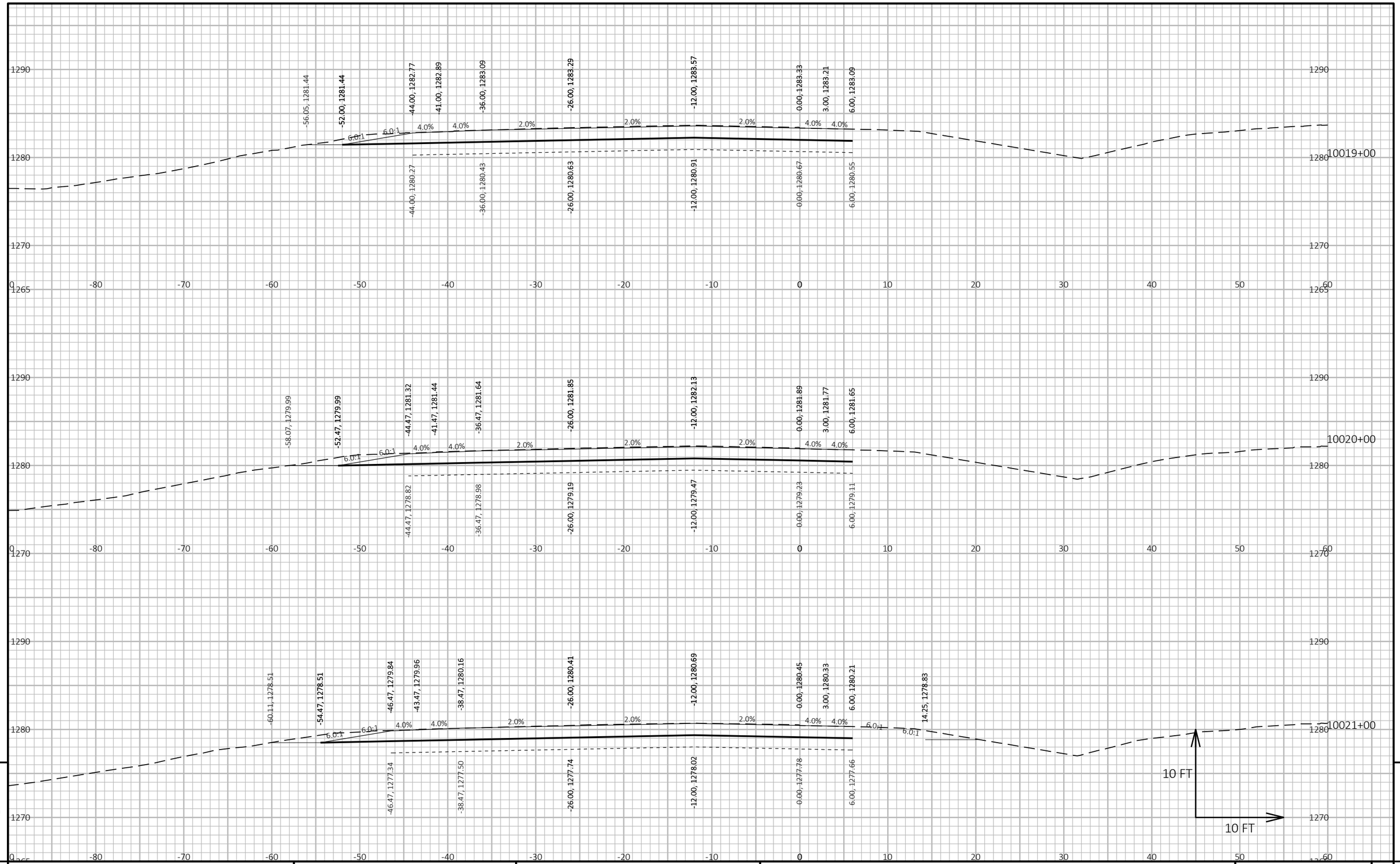


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 550 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902116-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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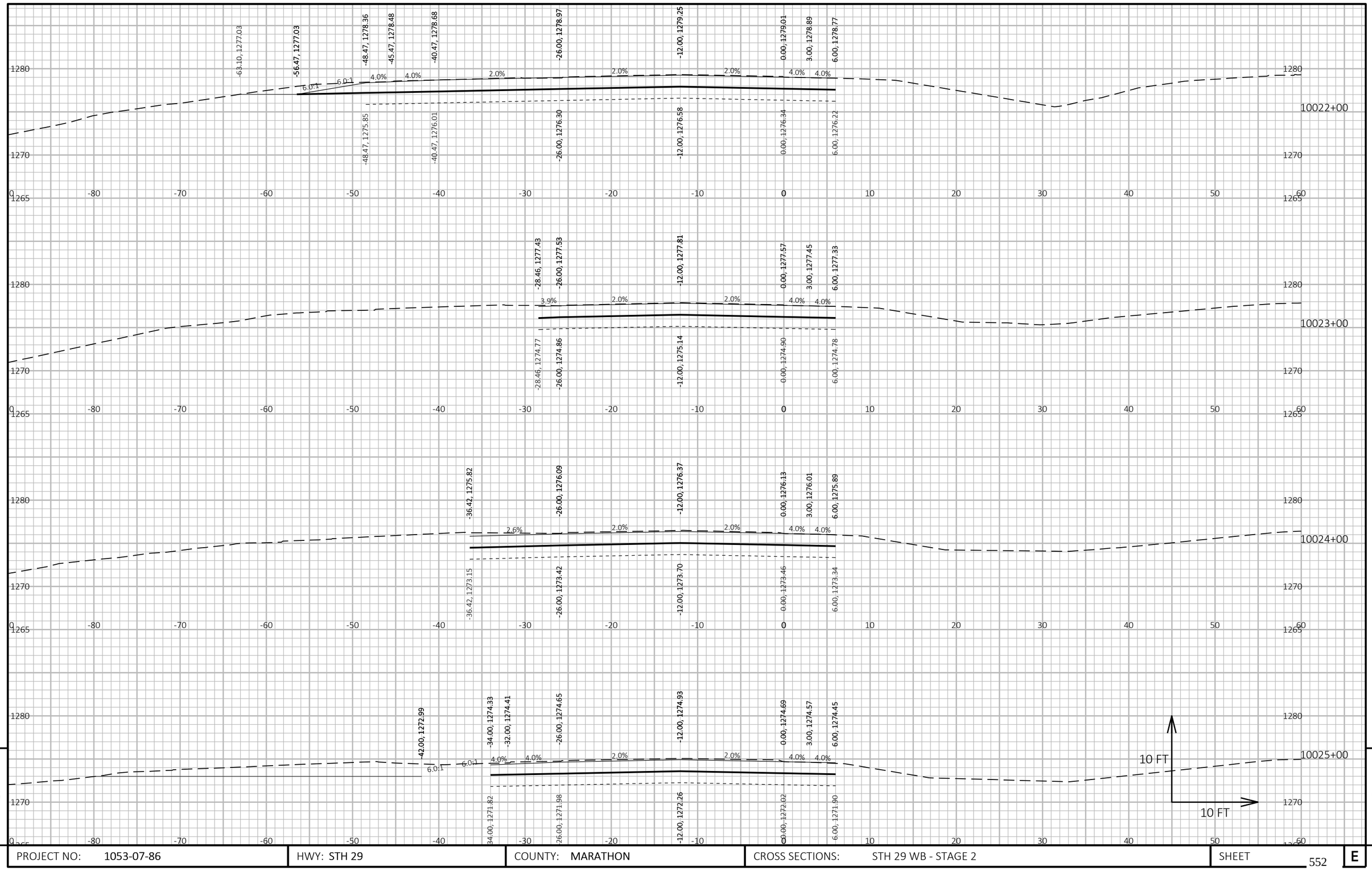
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 551	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902117-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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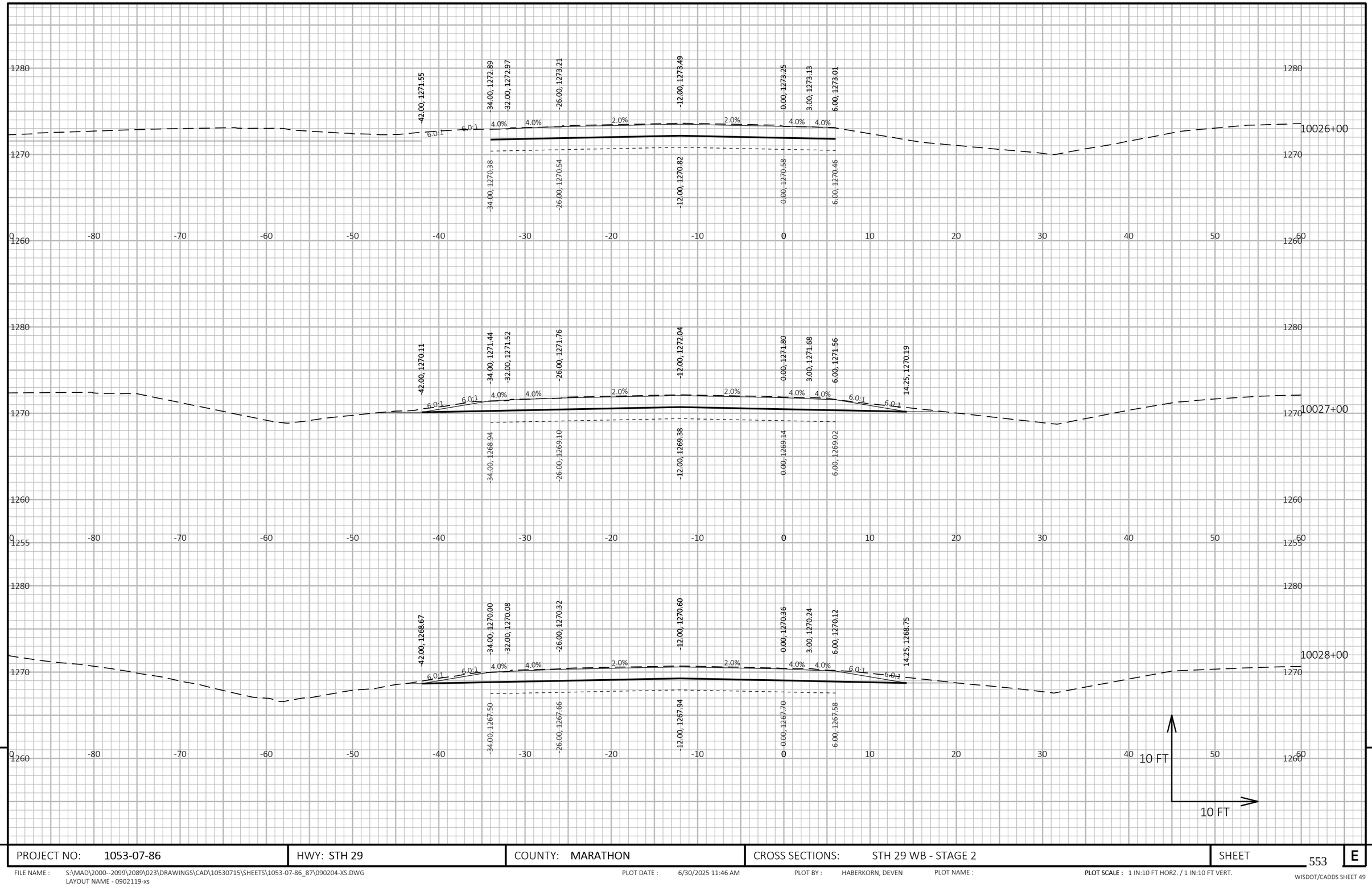
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 552	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902118-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

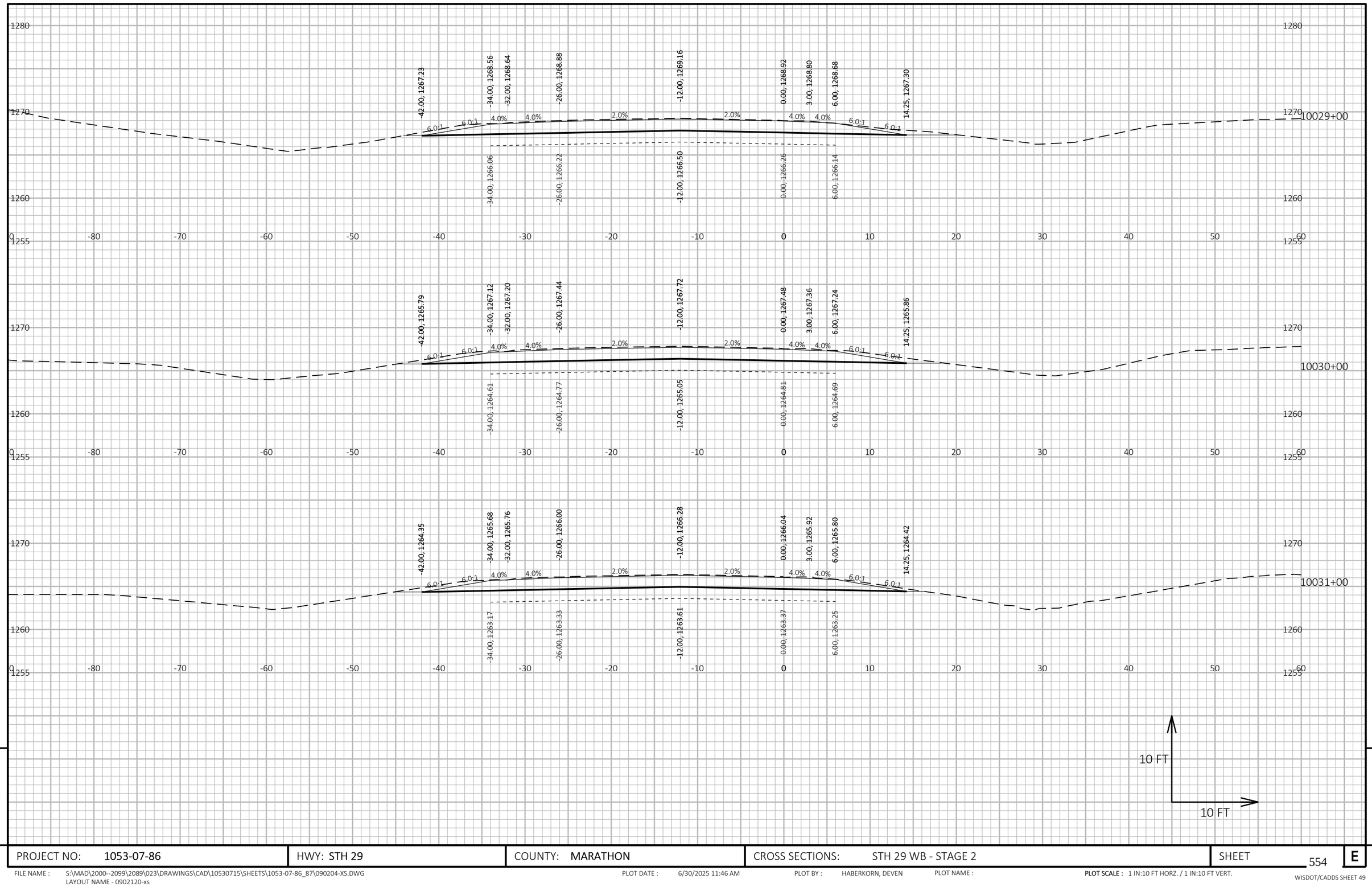


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 553 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902119-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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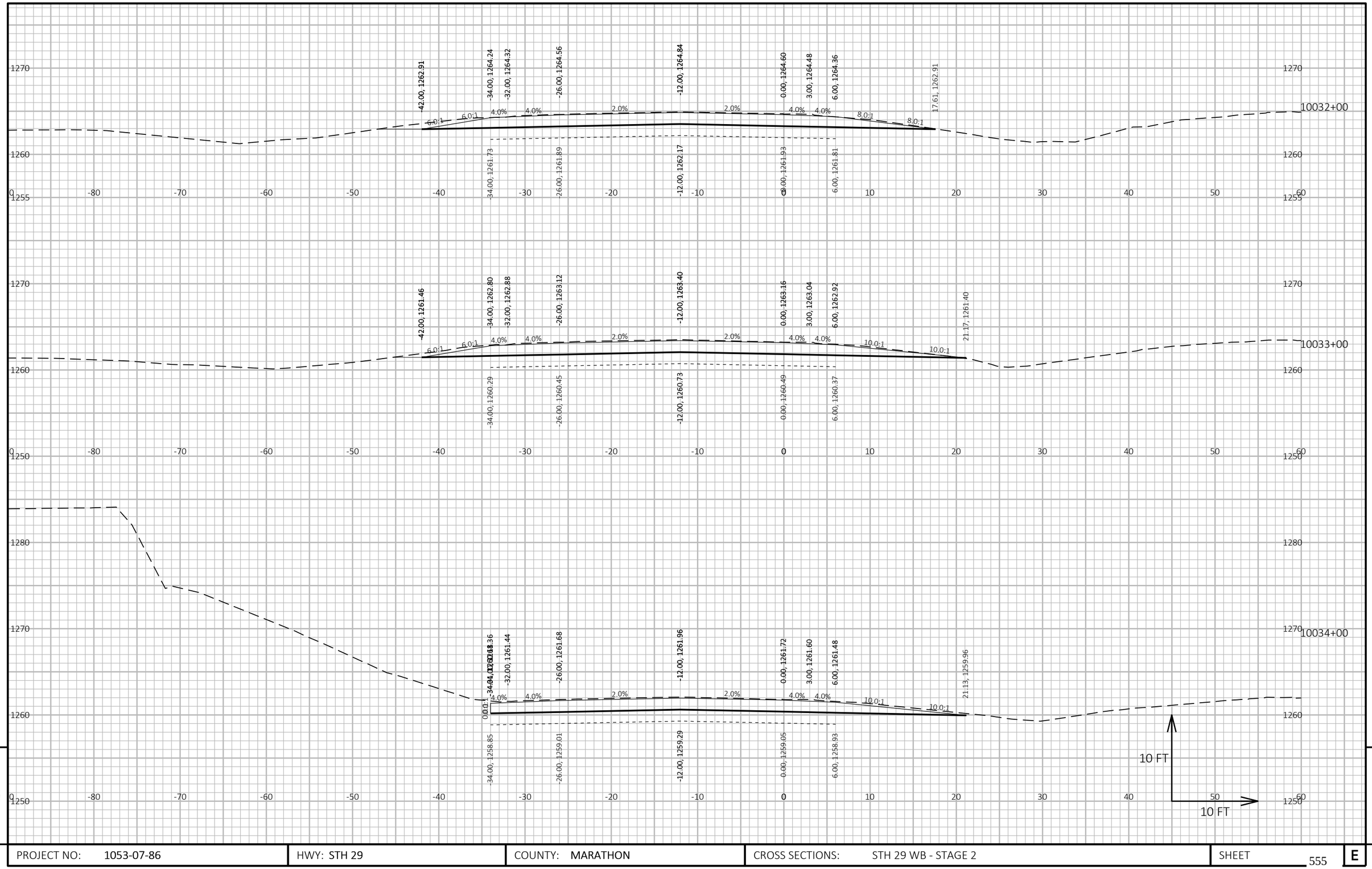
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 554	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902120-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

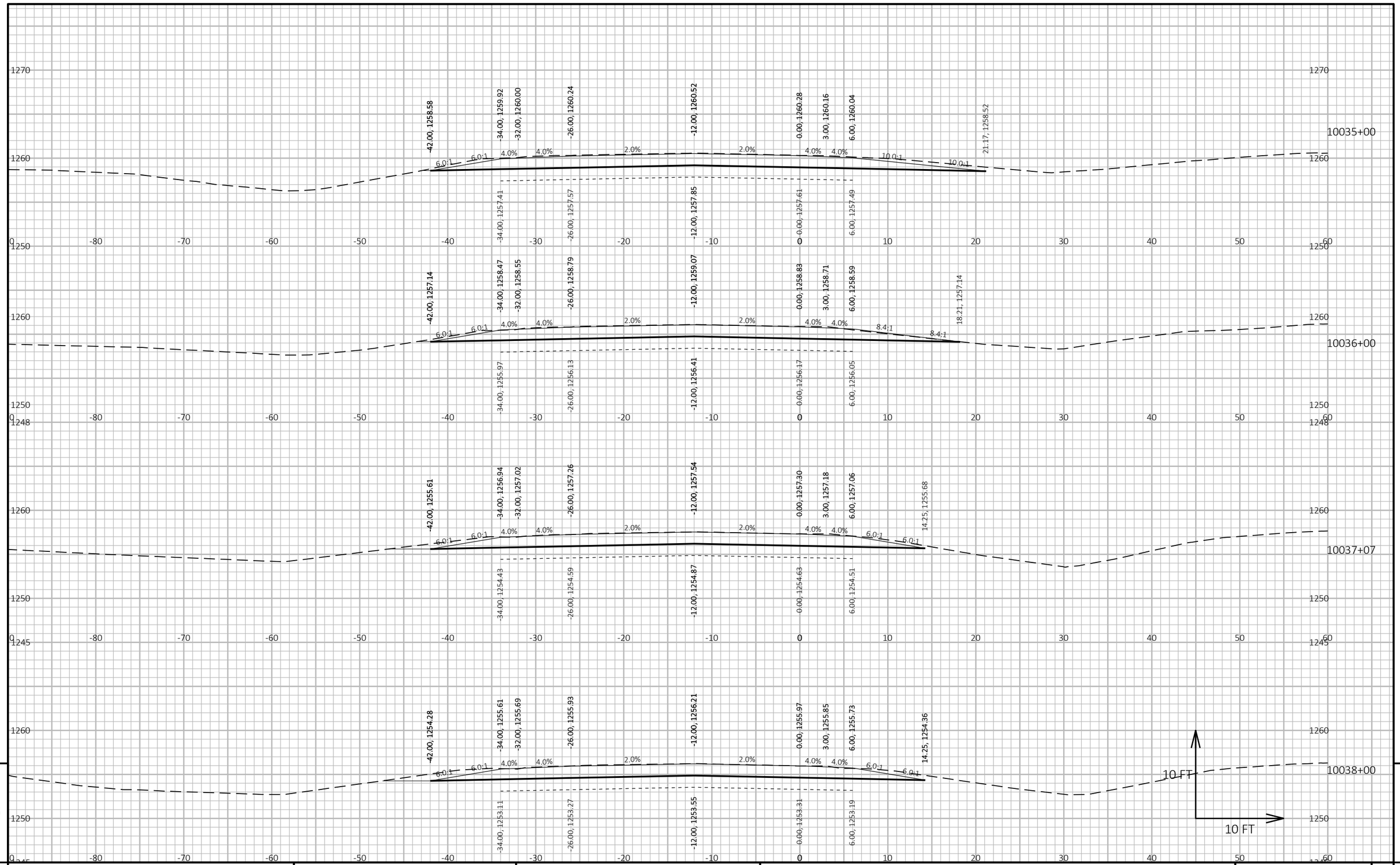


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 555	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090204-XS.DWG
LAYOUT NAME - 0902121-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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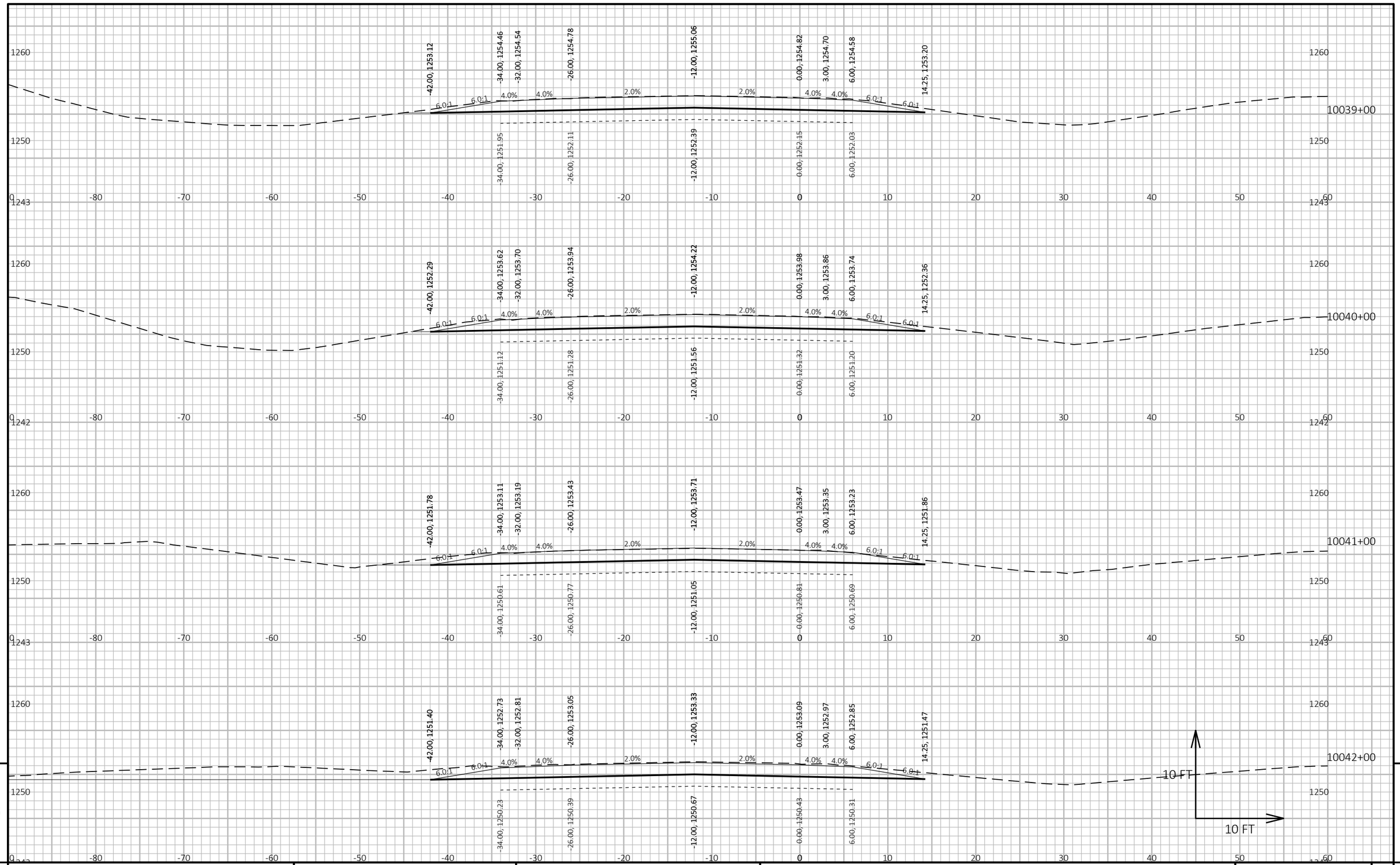
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 556	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902123-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 557	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902124-xs

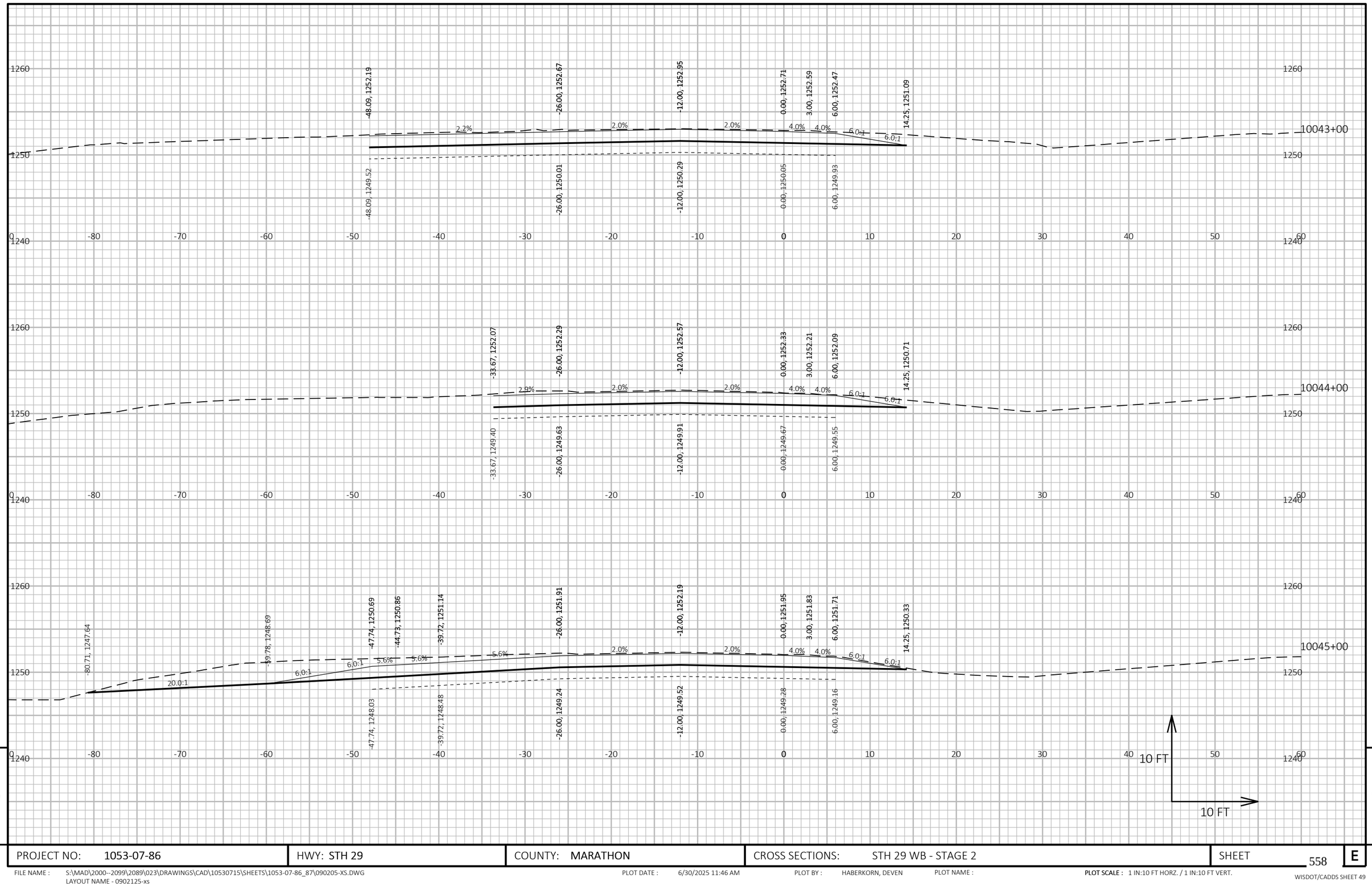
PLOT DATE : 6/30/2025 11:46 AM

PLOT BY : HABERKORN, DEVEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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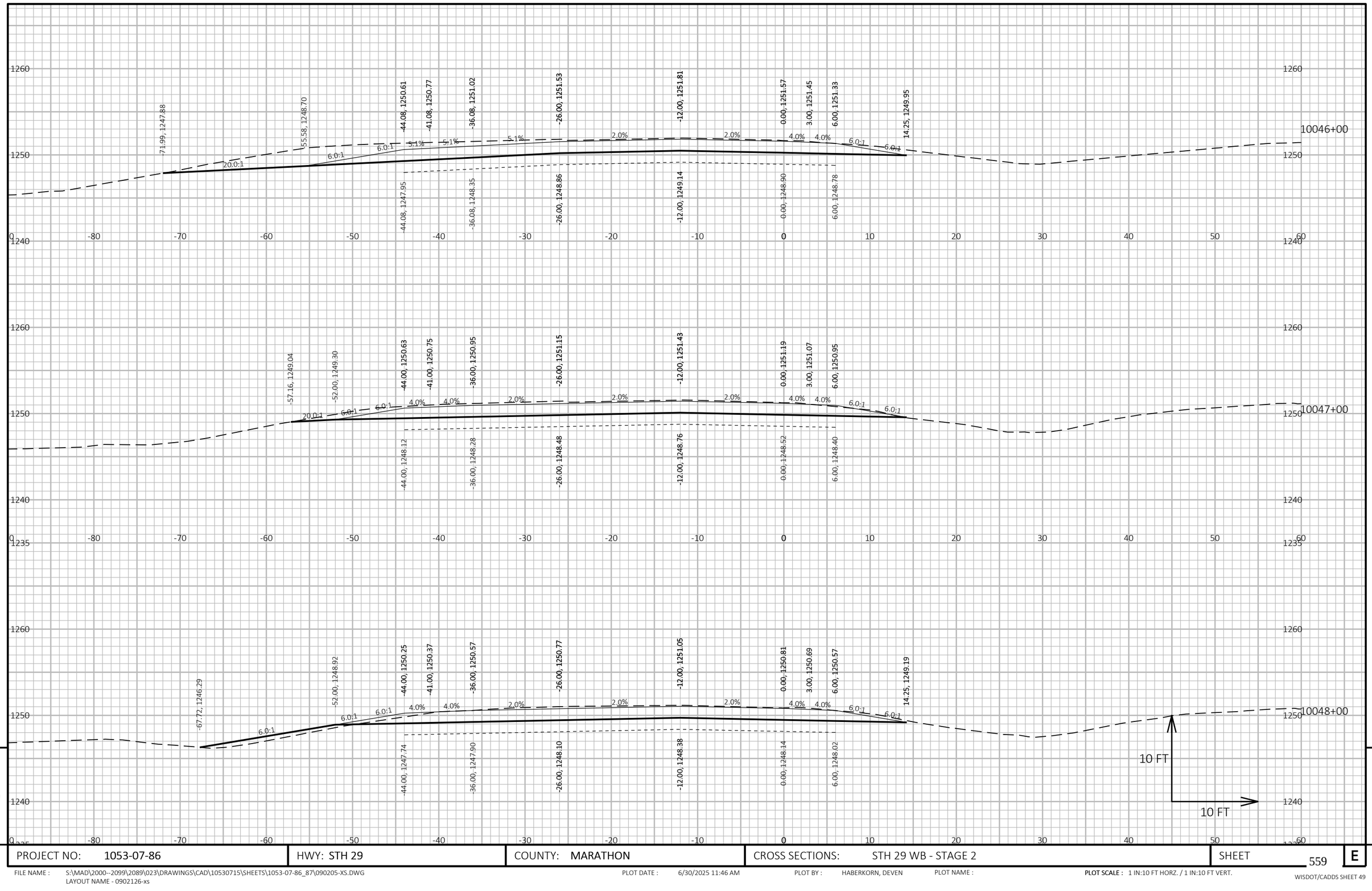
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 558	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902125-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

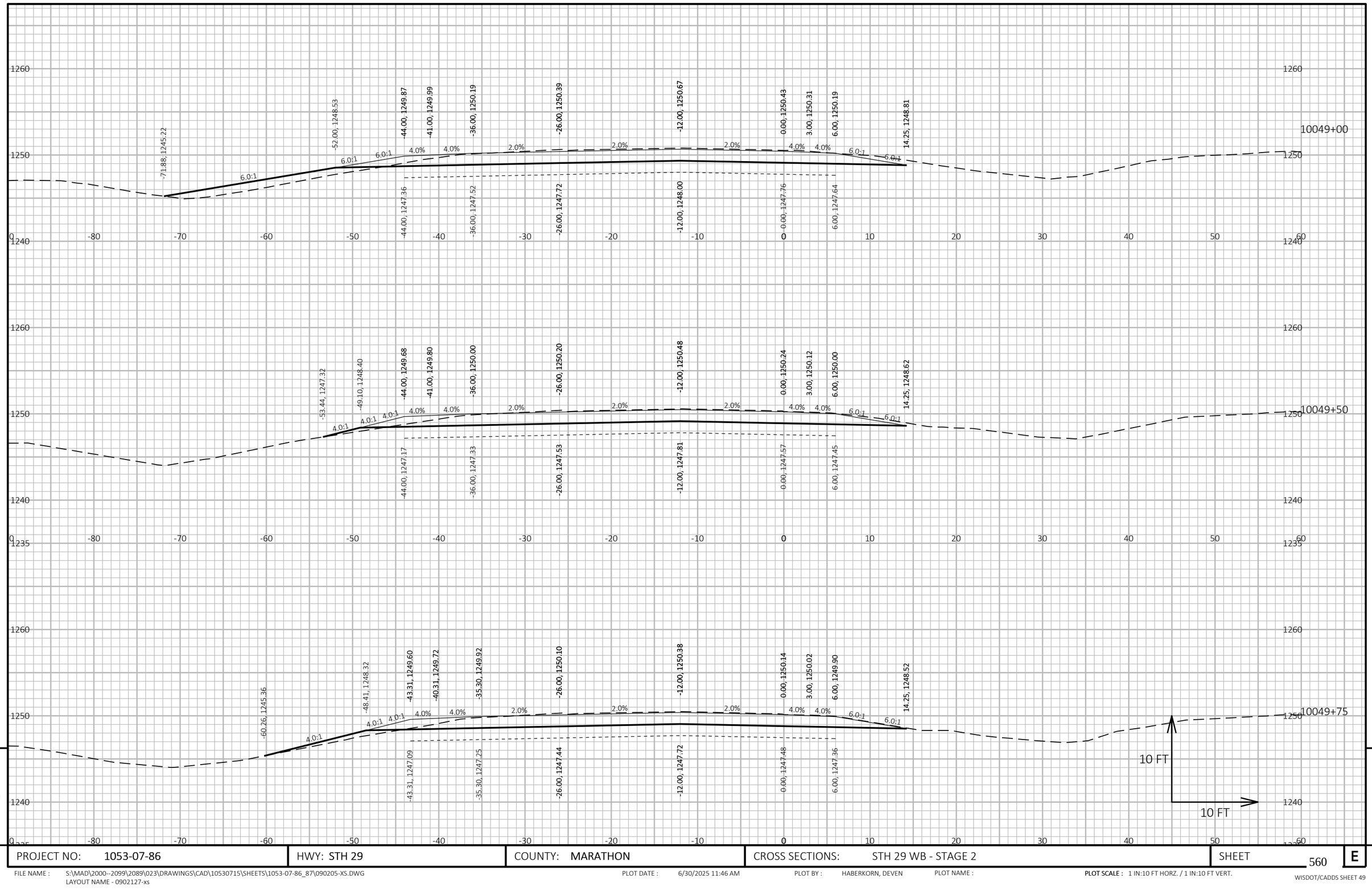


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 559	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902126-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

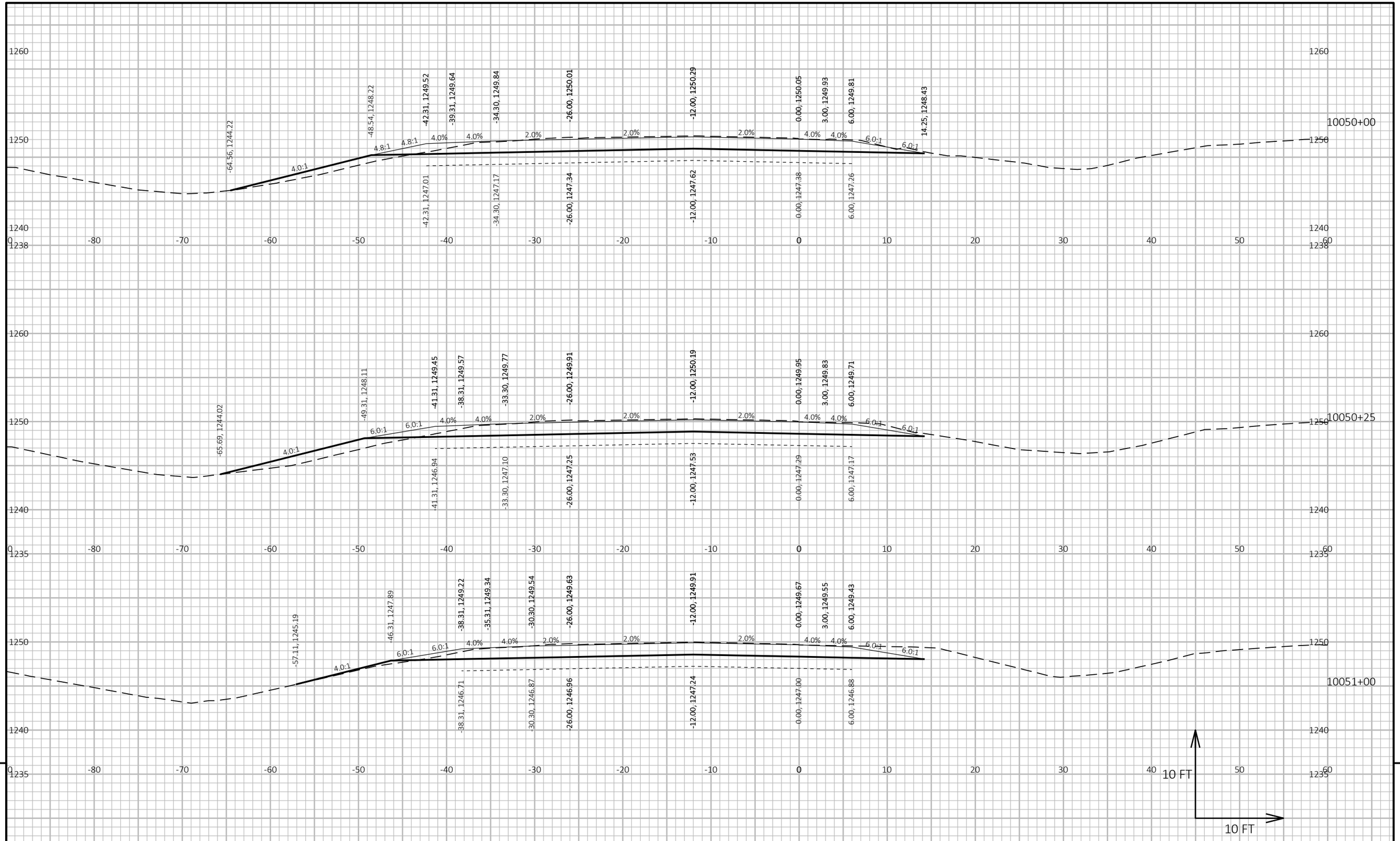


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 560	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902127-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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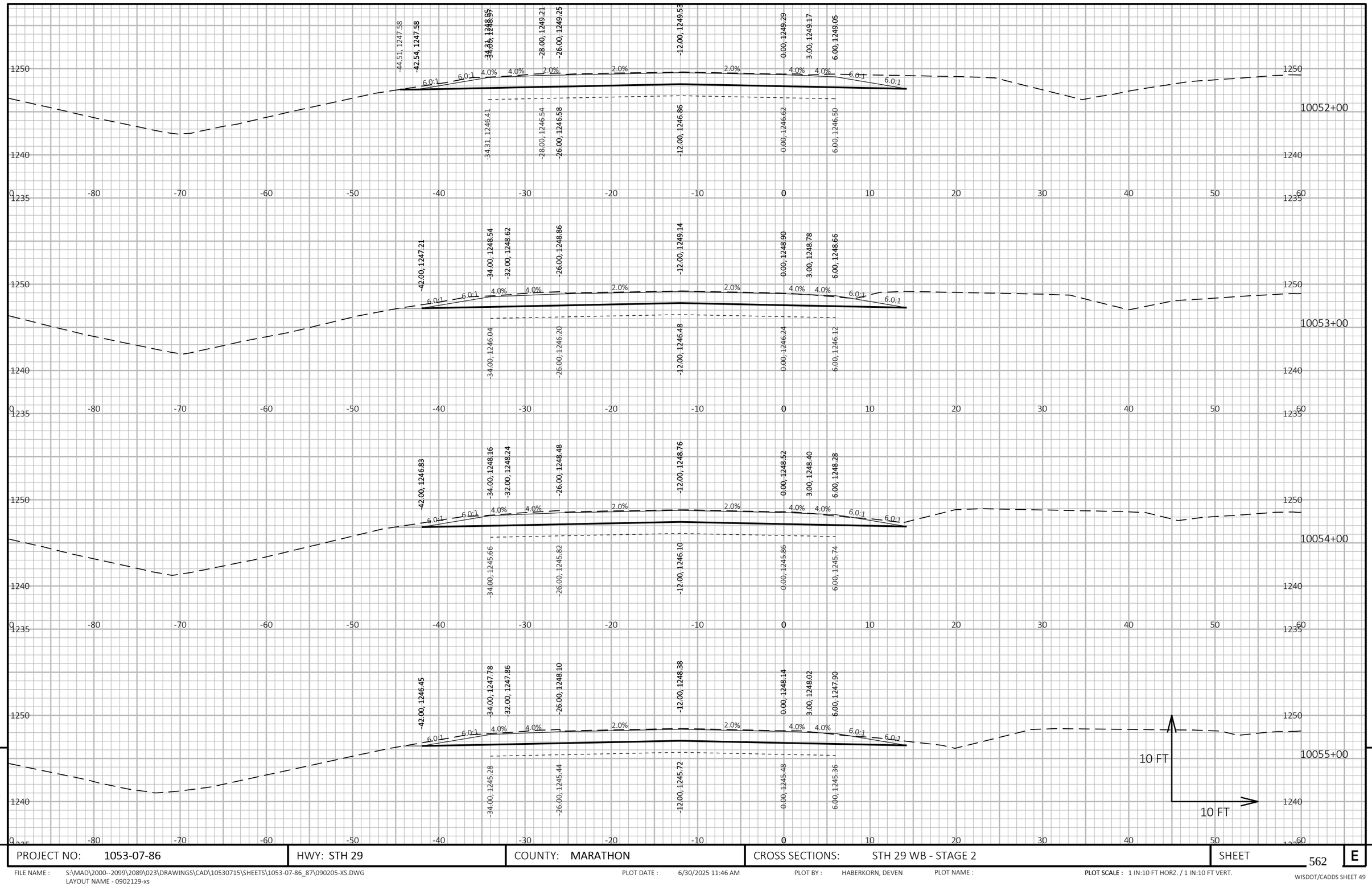
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 561	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902128-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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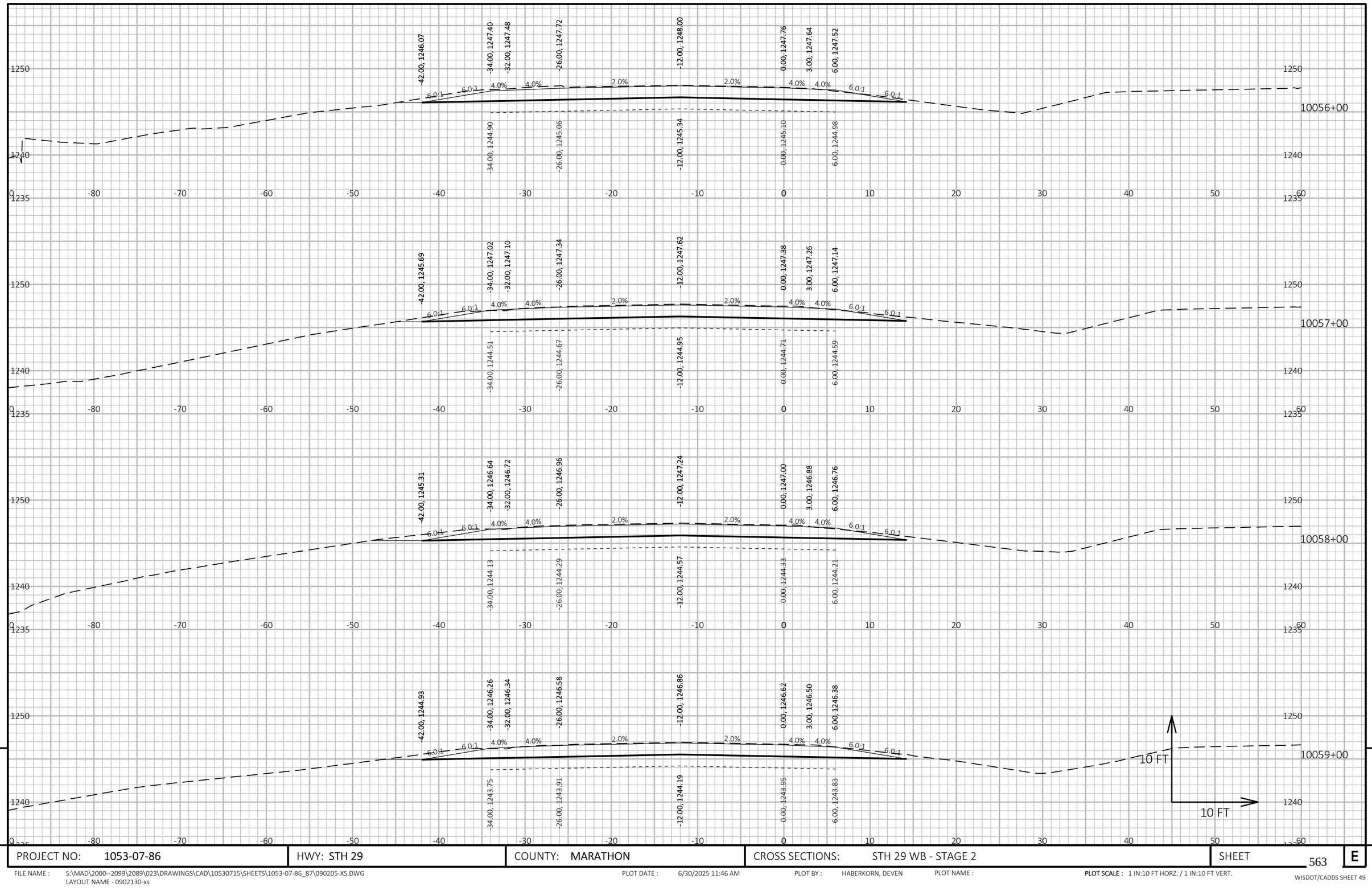
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 562	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902129-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

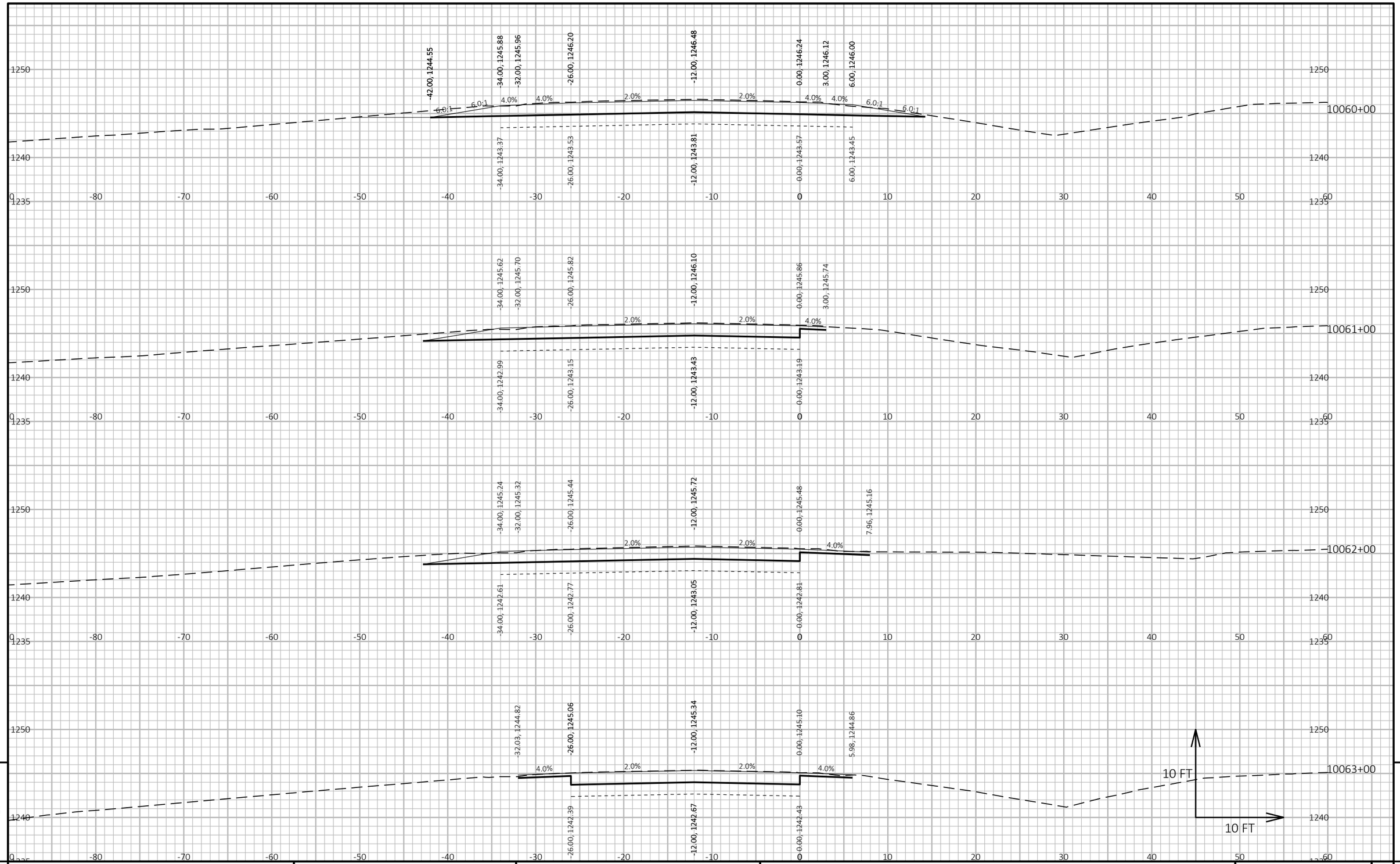


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 563	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902130-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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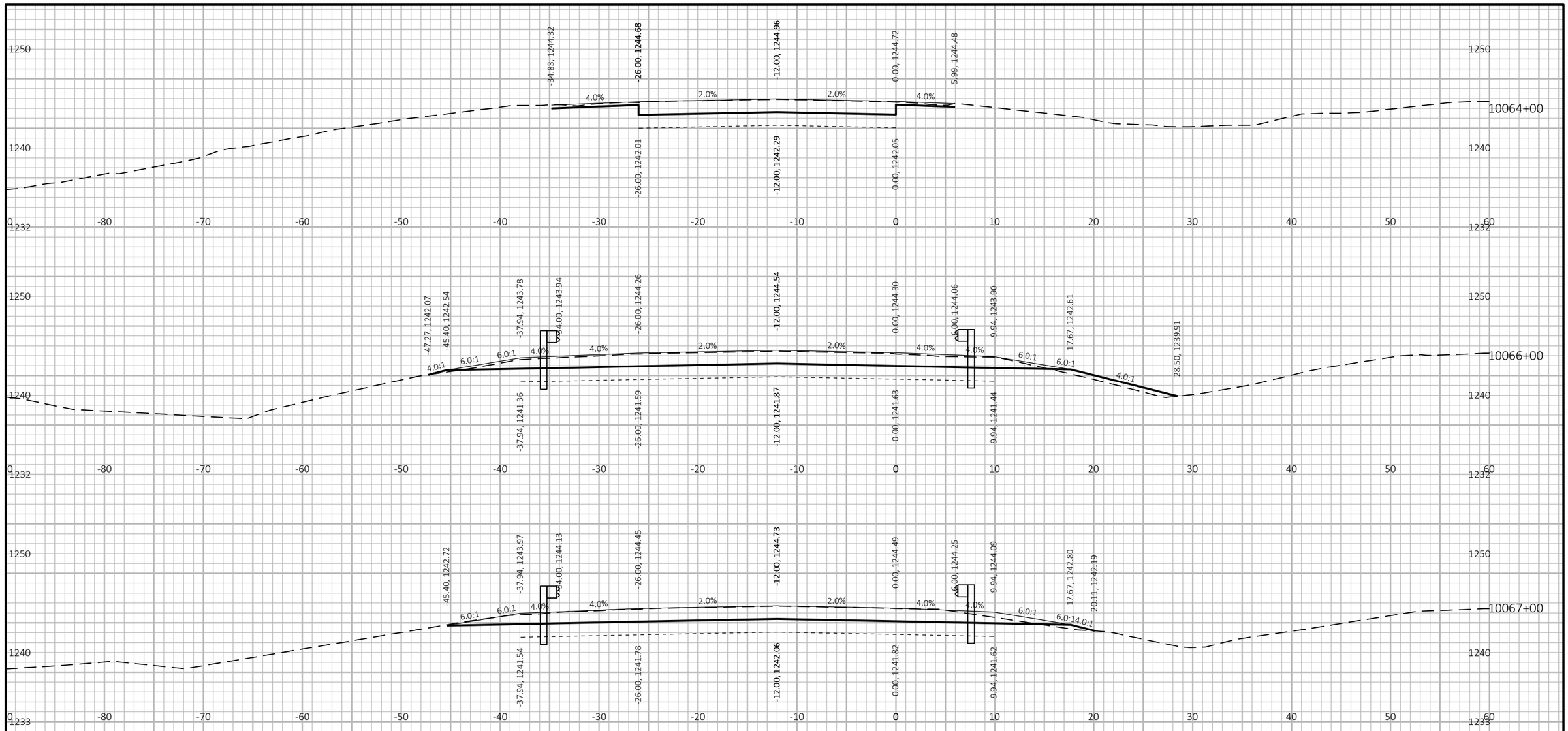
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 564	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902131-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

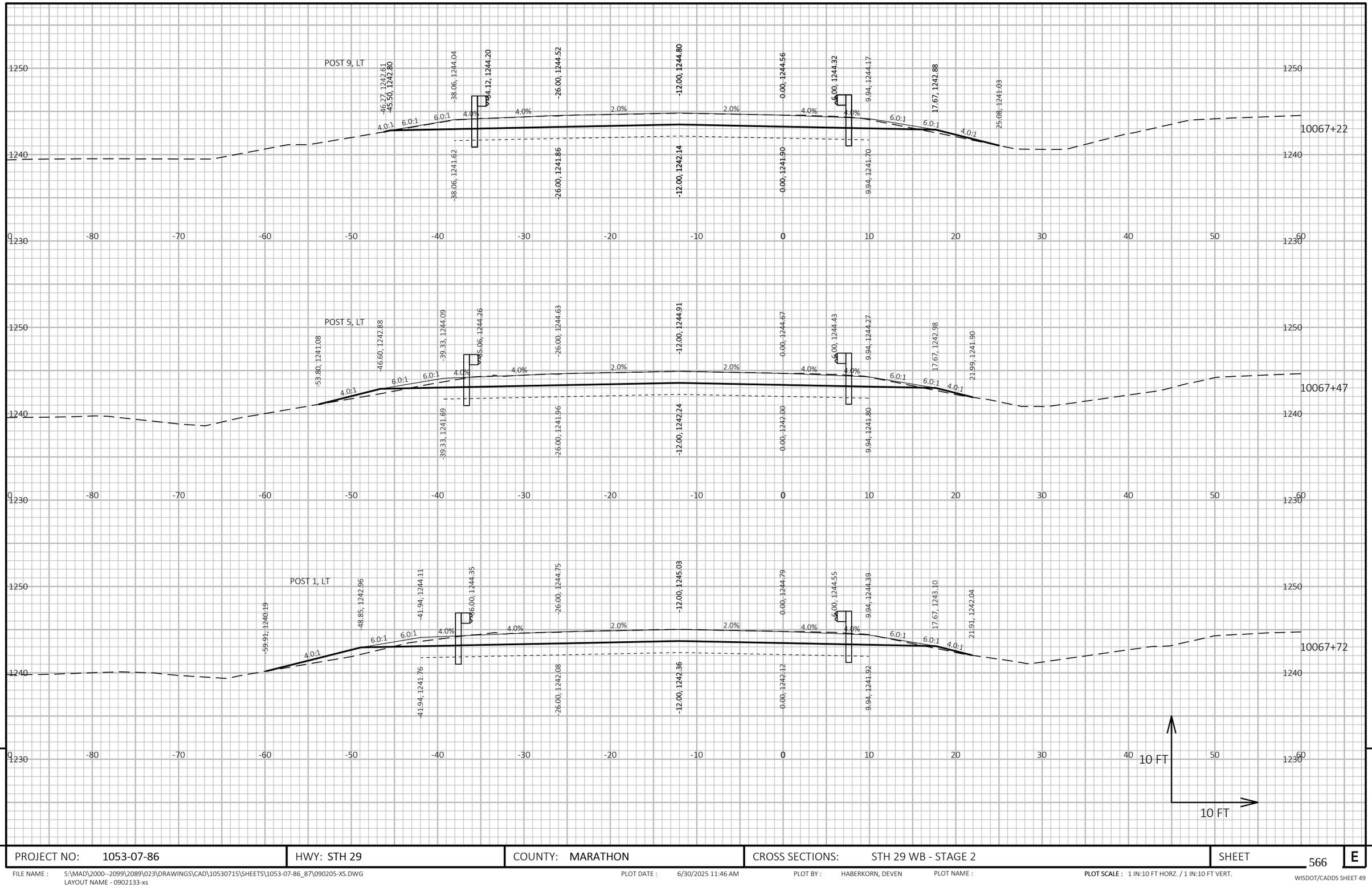


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 565	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902132-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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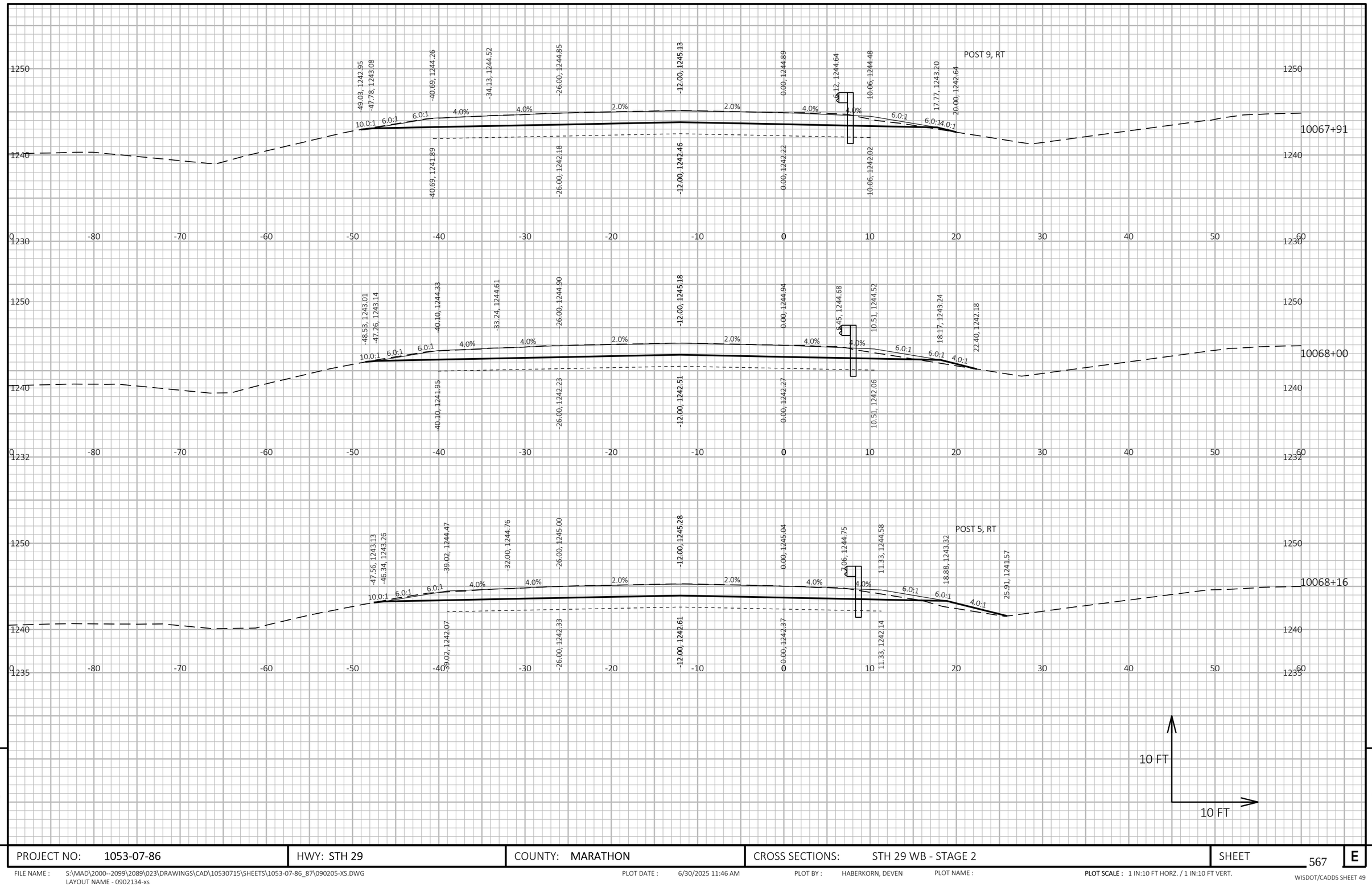
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 566	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902133-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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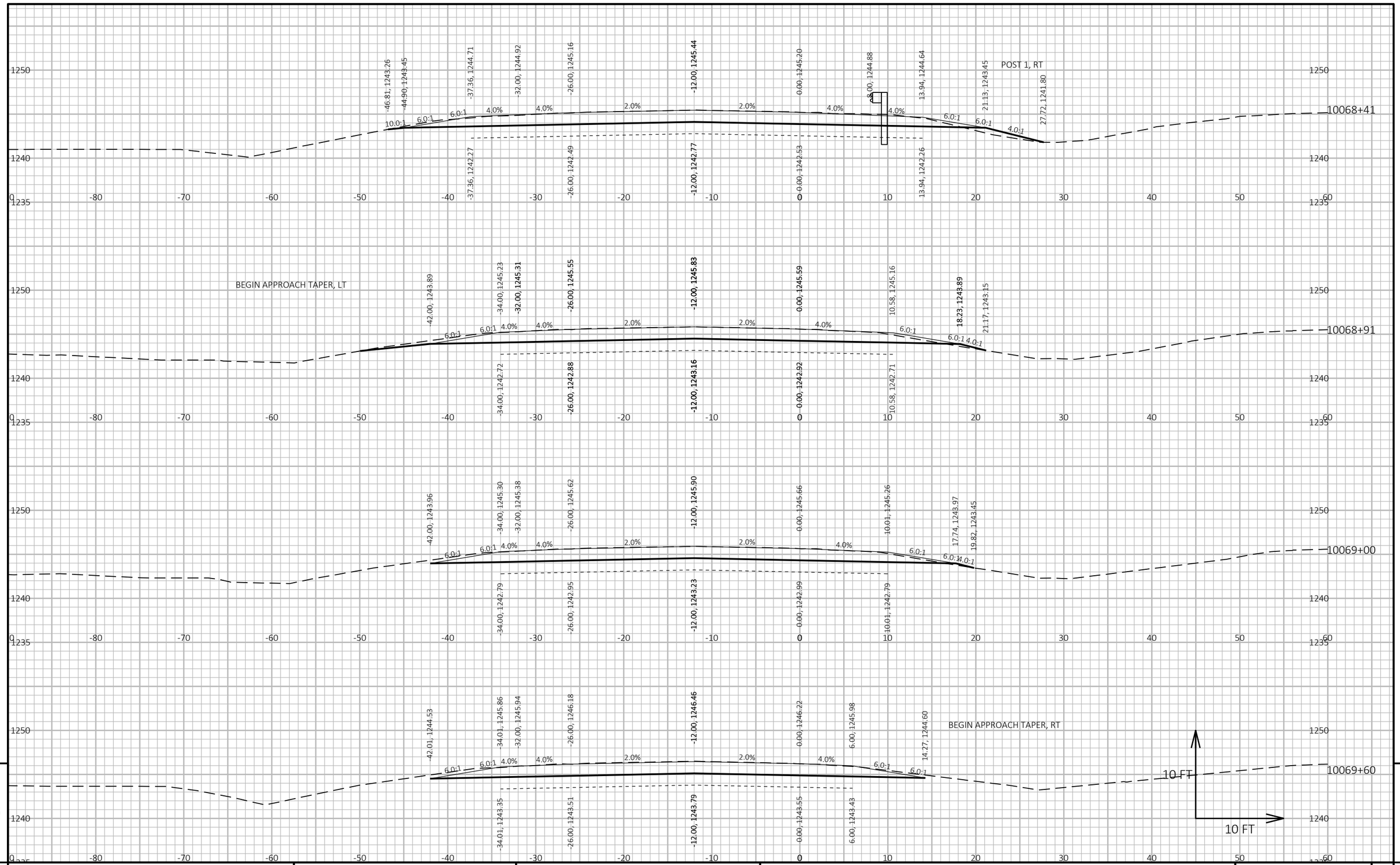
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 567	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902134-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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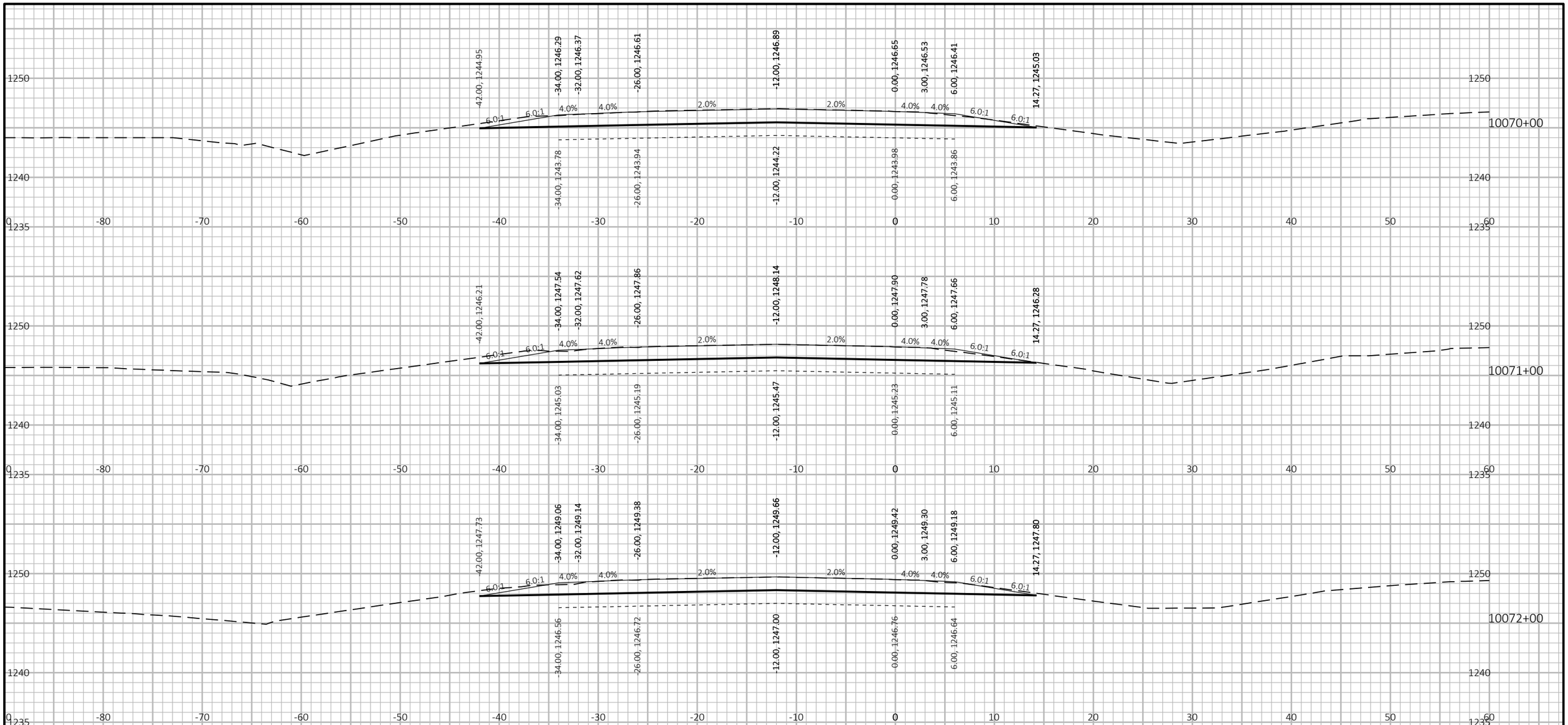
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 568	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902135-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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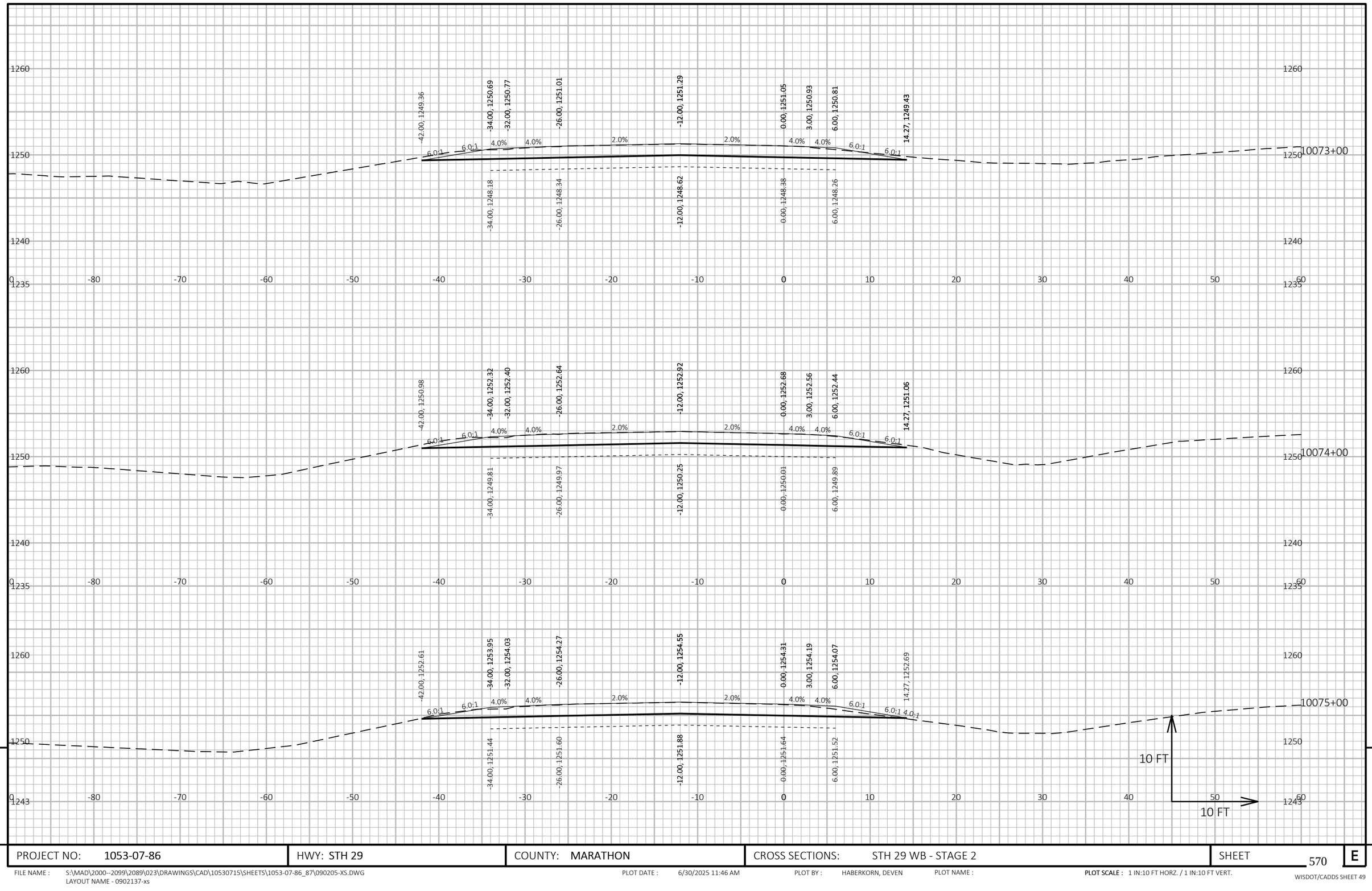
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 569	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902136-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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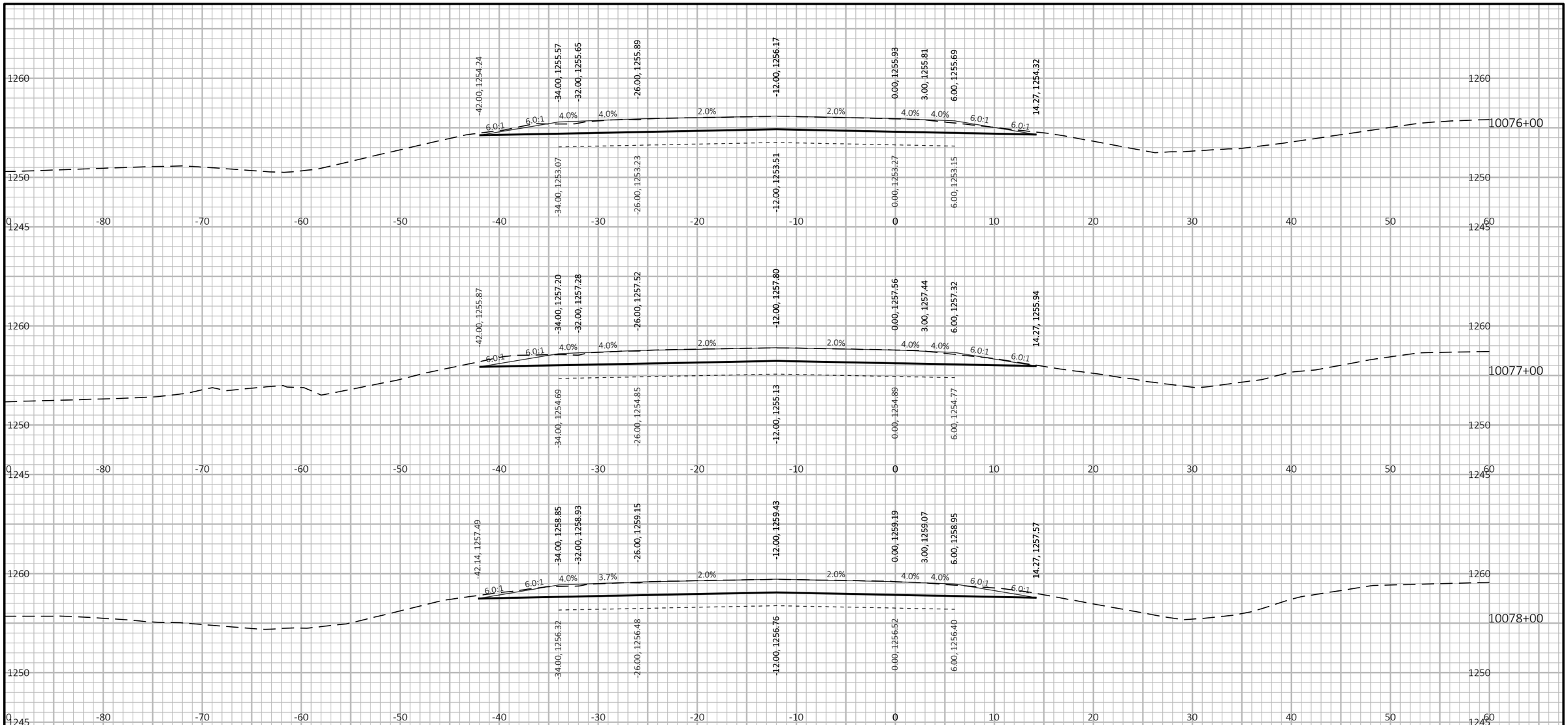
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 570	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902137-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

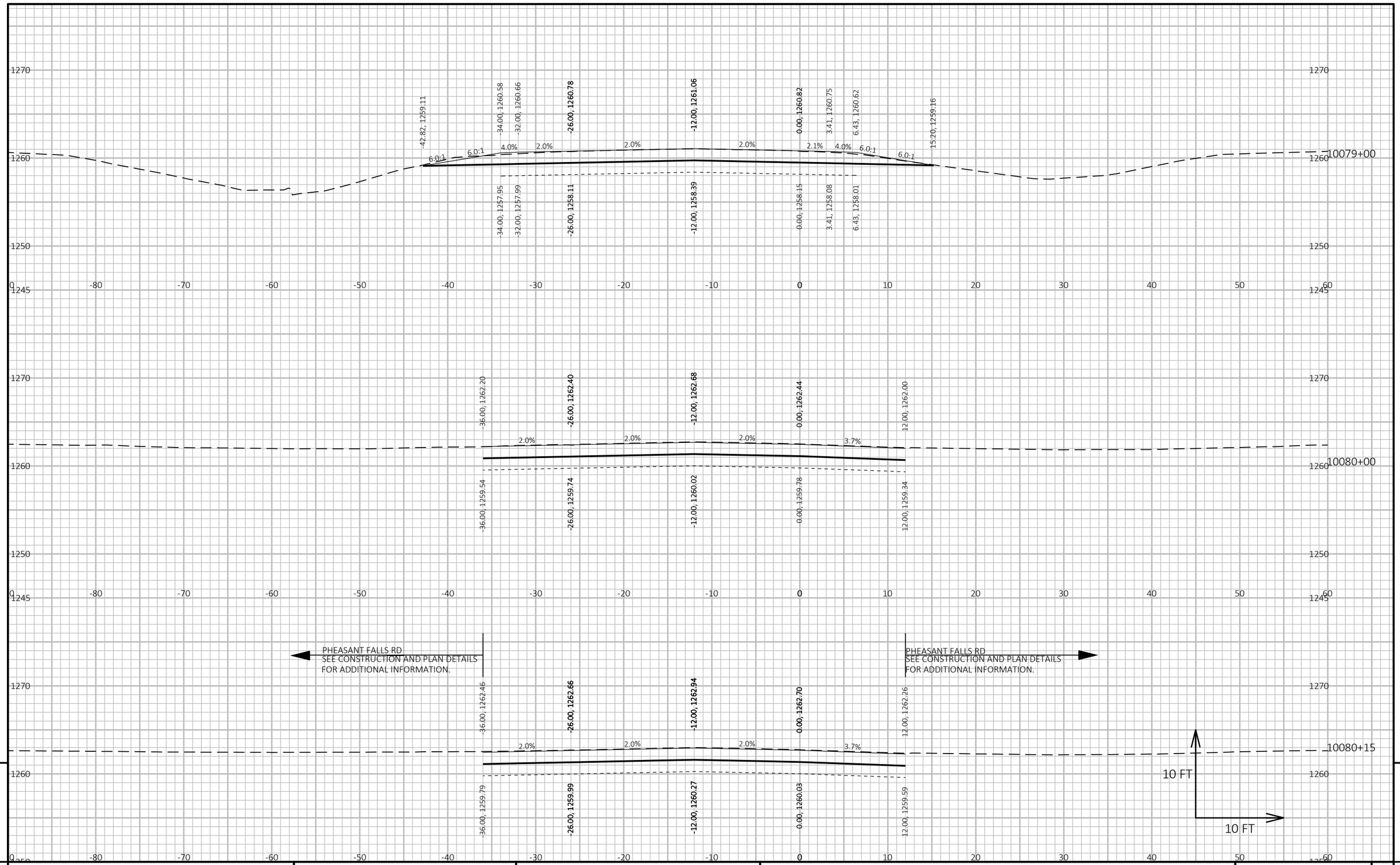


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 571	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902138-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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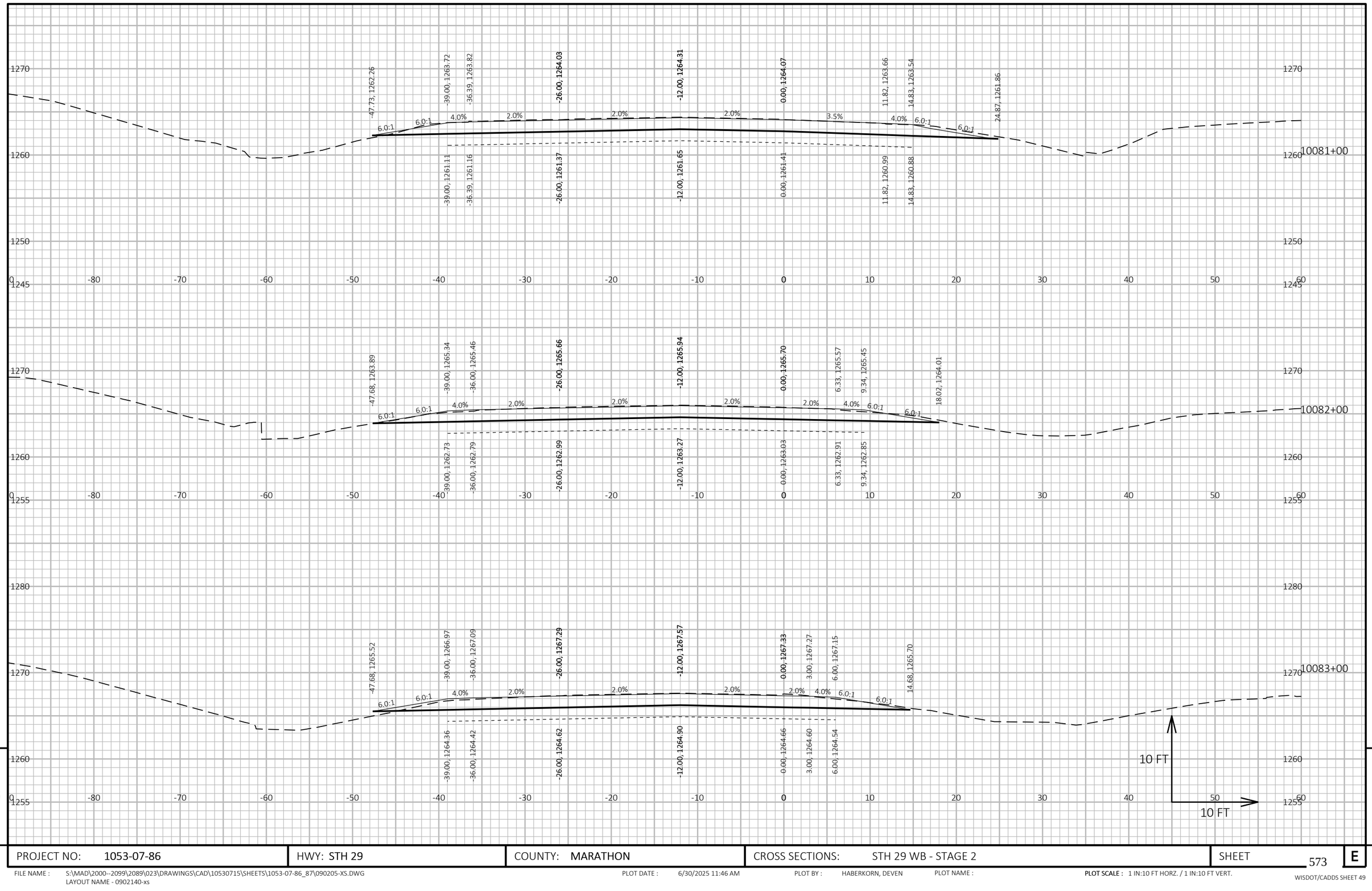
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 572	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902139-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

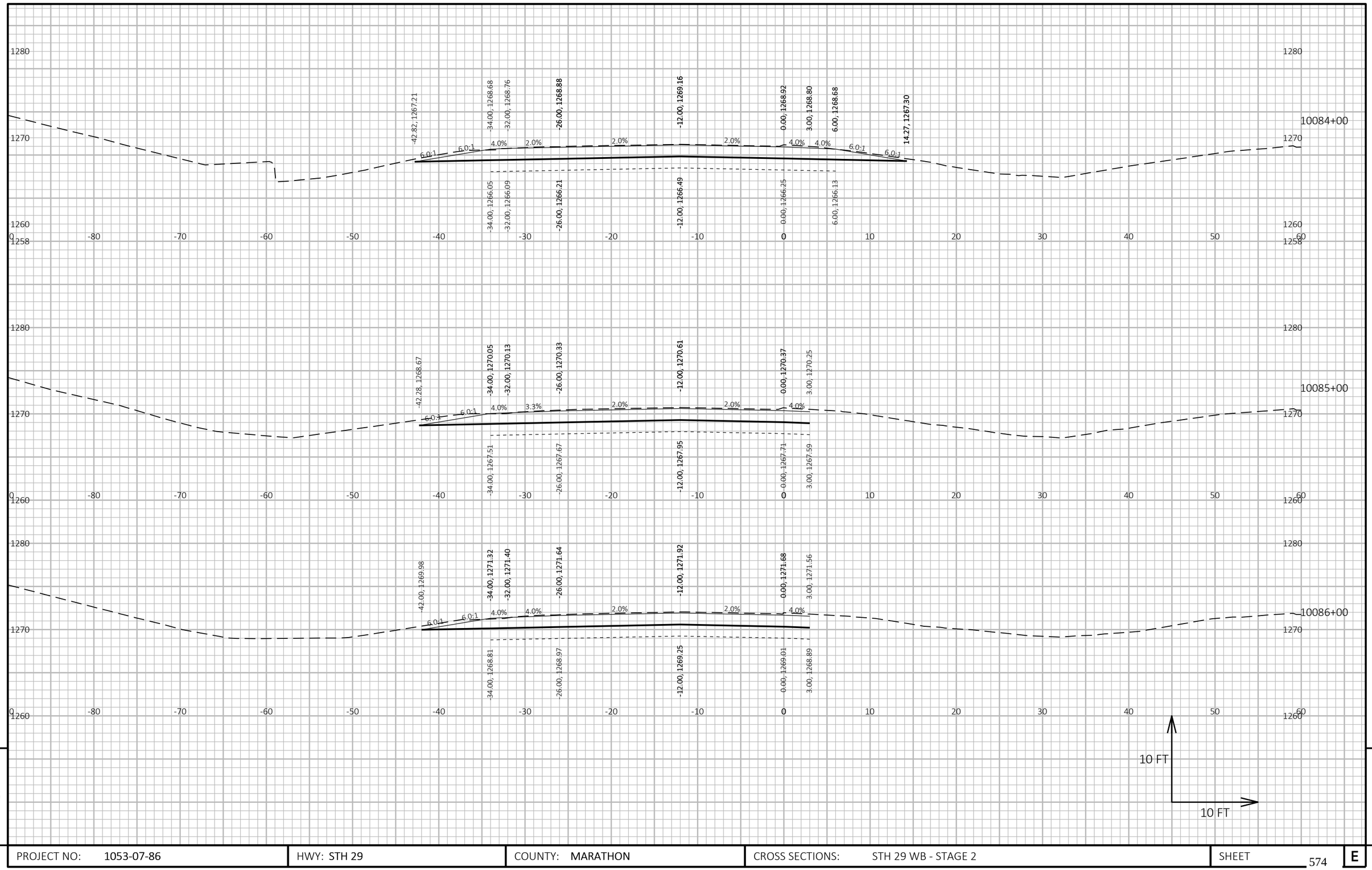


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 573	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902140-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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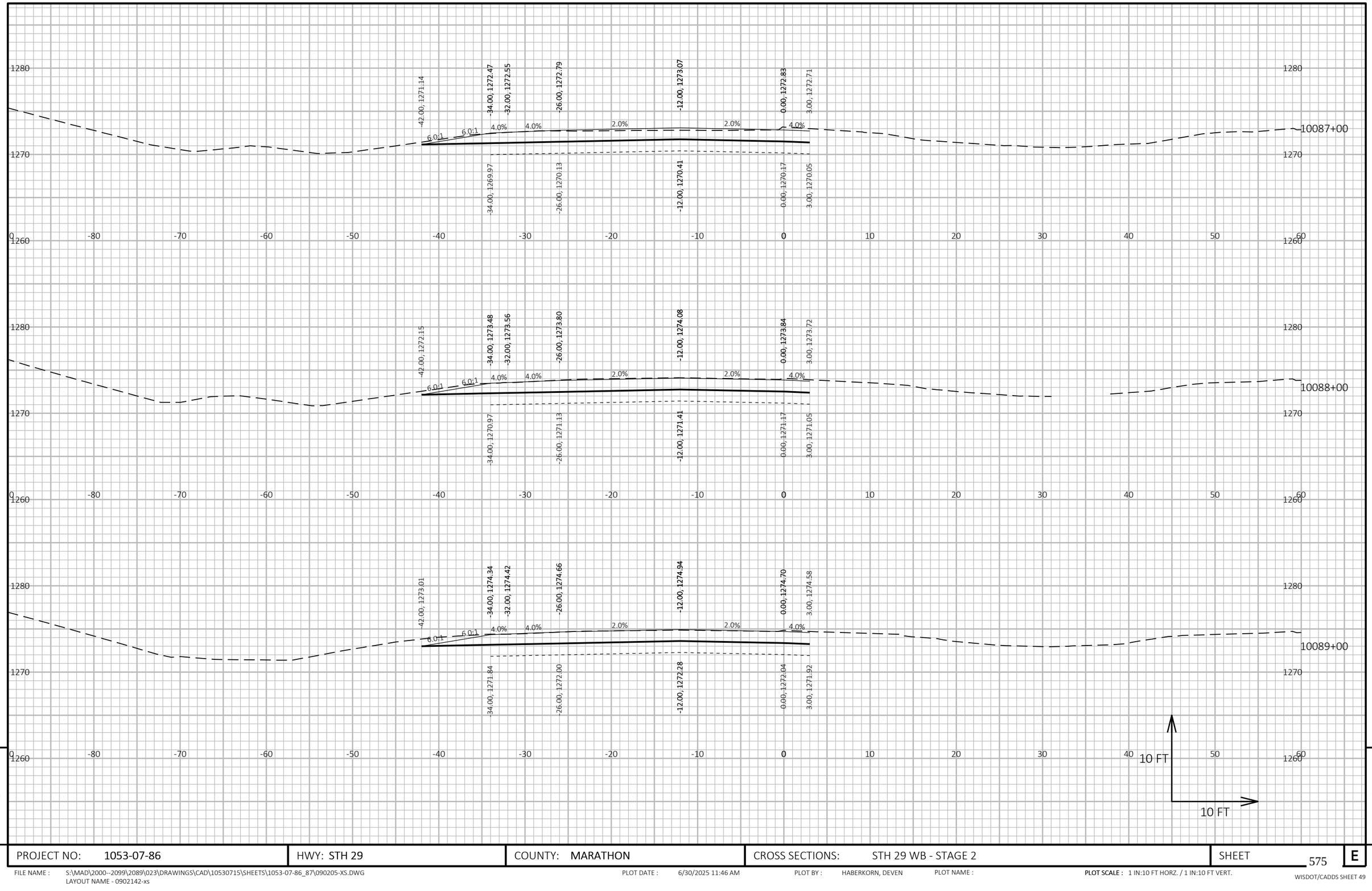
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 574	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902141-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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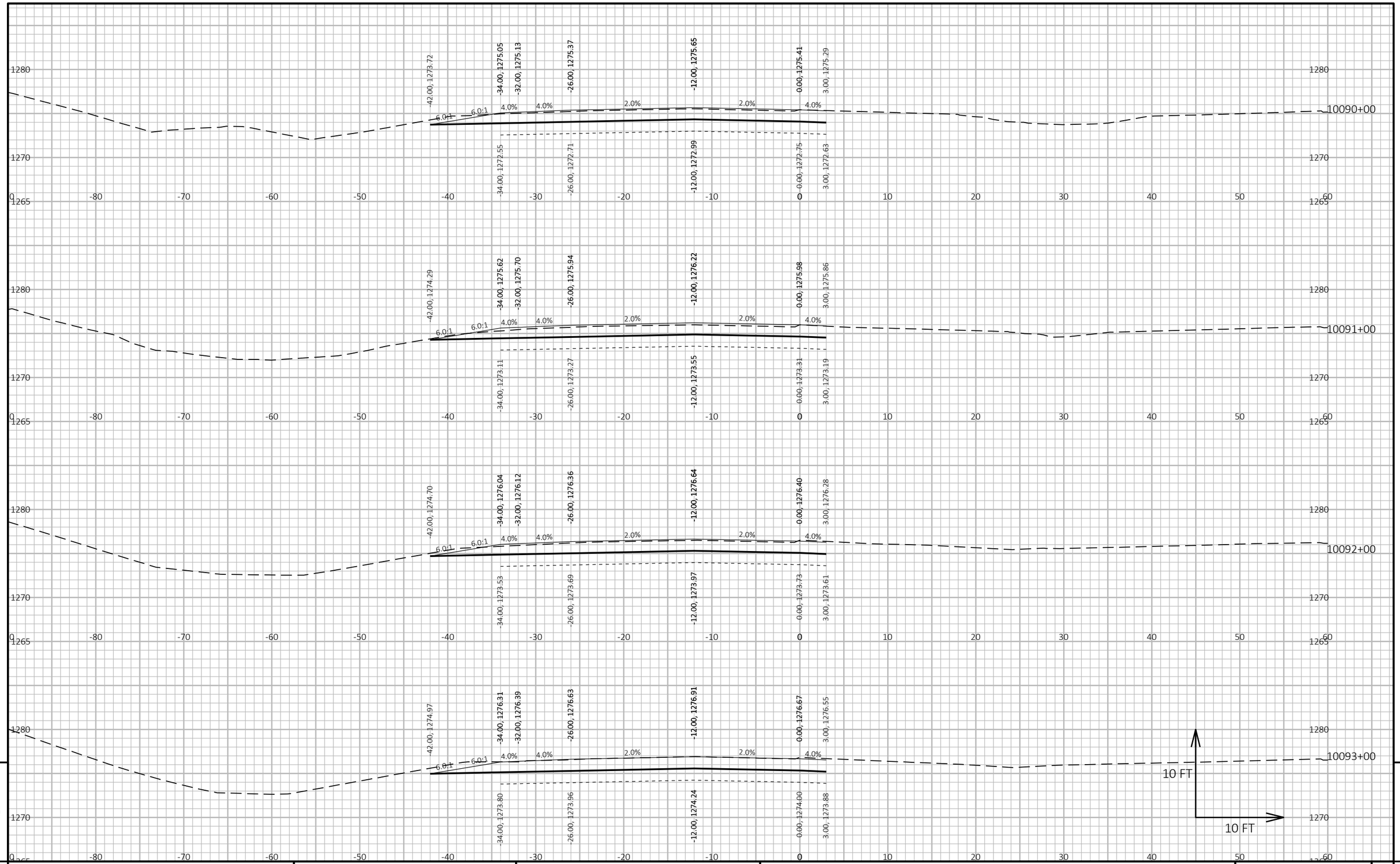
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 575	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902142-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

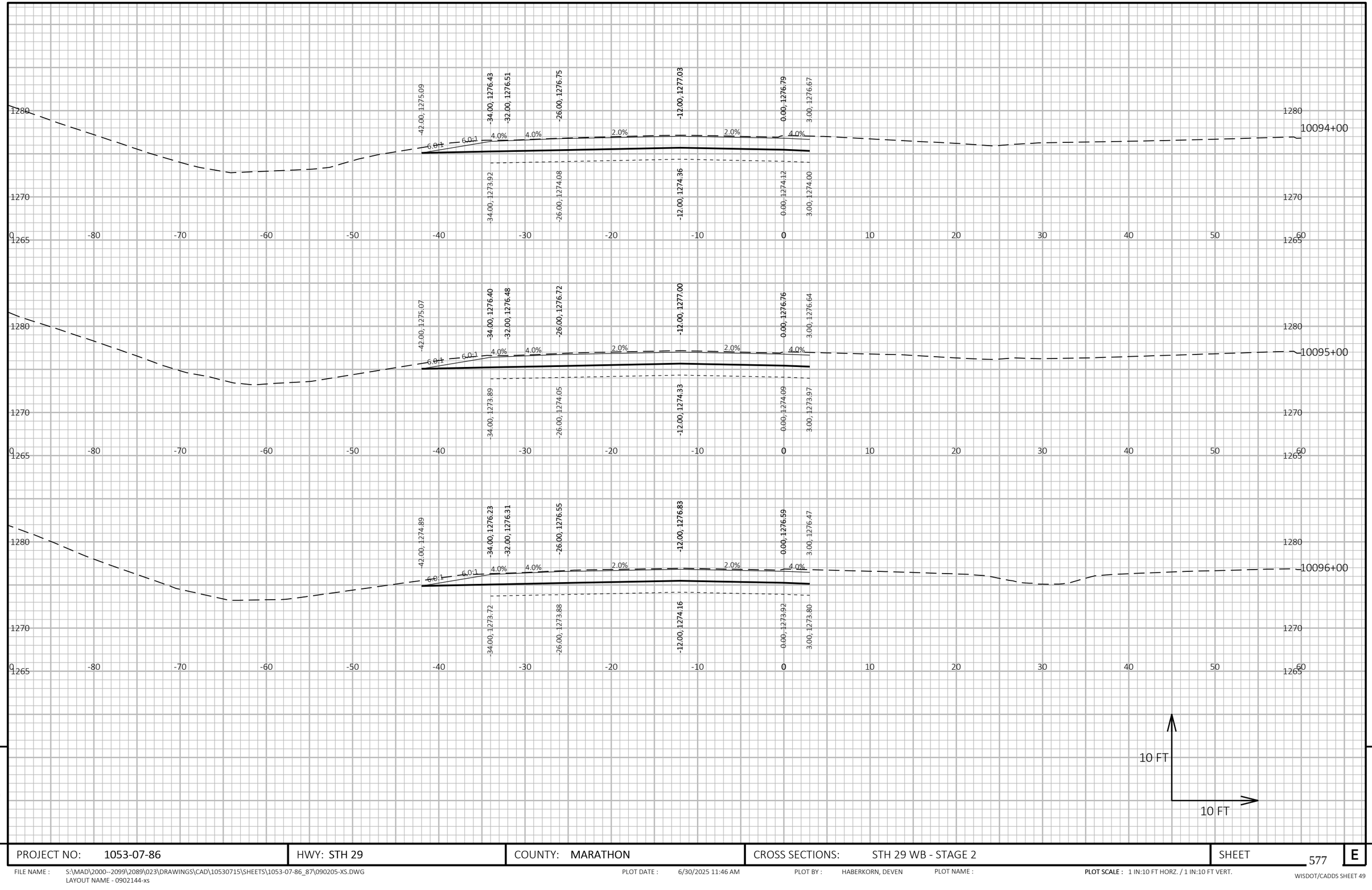


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 576	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902143-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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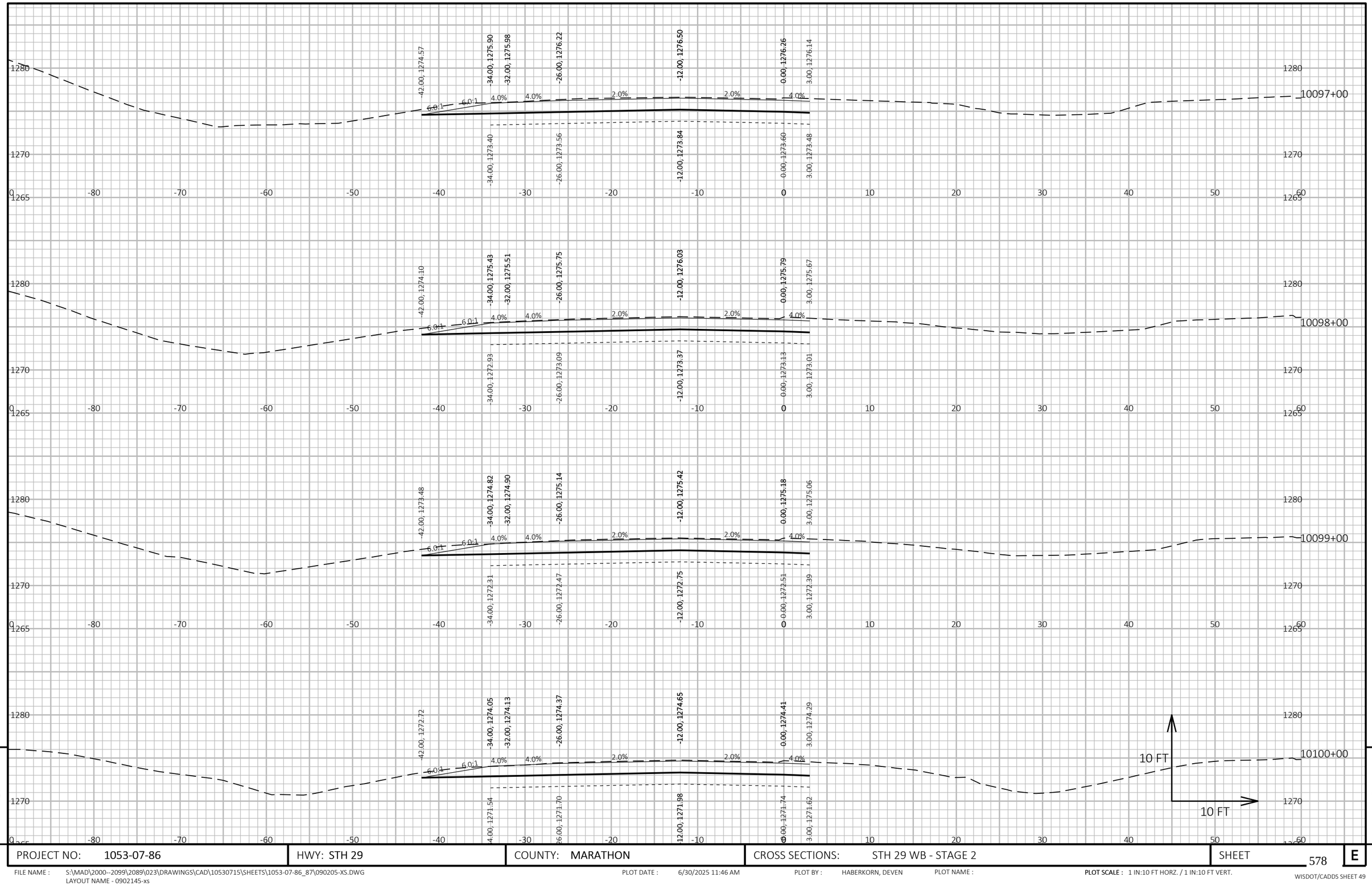
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 577	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902144-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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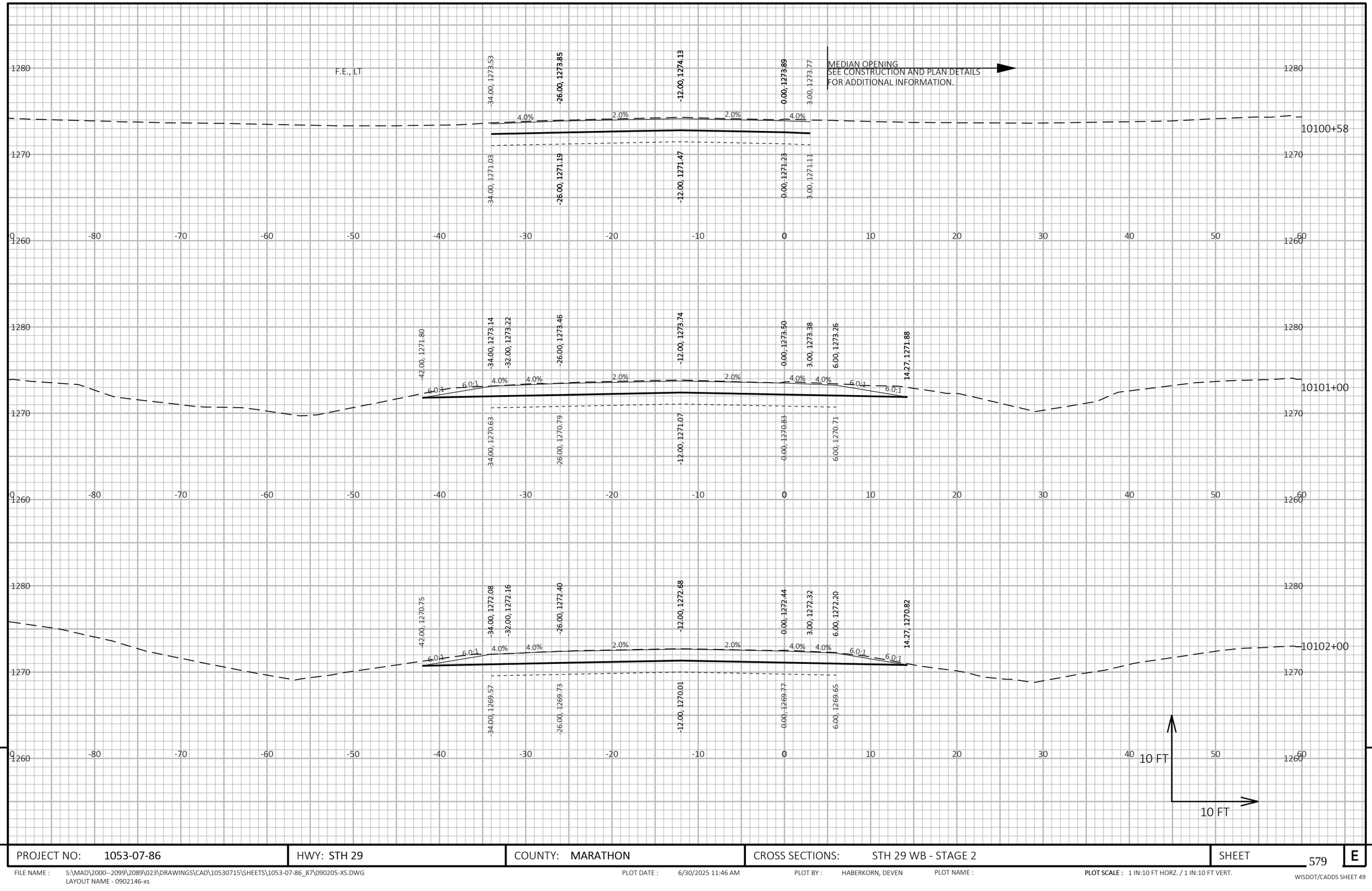
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 578	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902145-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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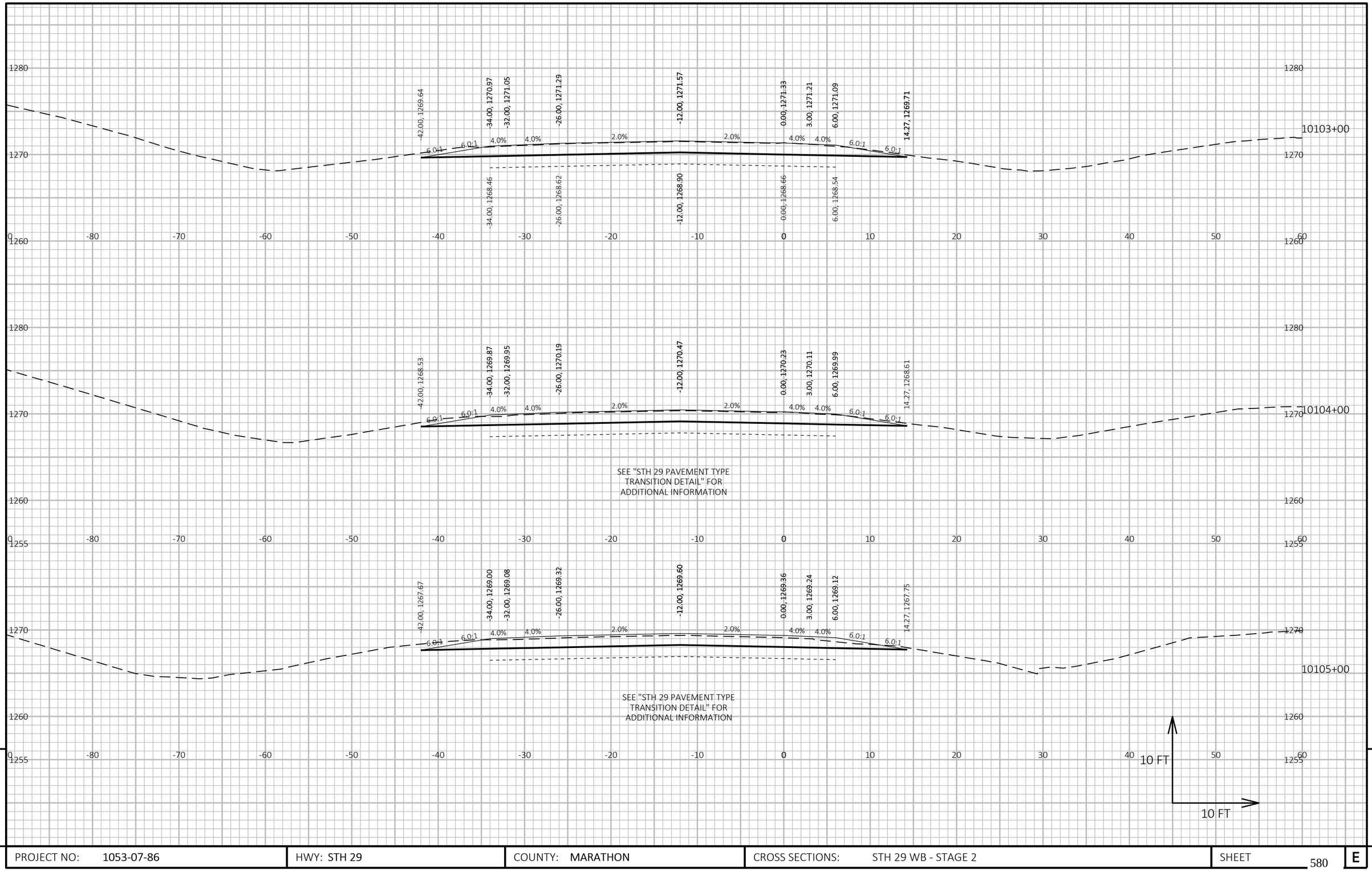
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 579	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902146-xs

PLOT DATE : 6/30/2025 11:46 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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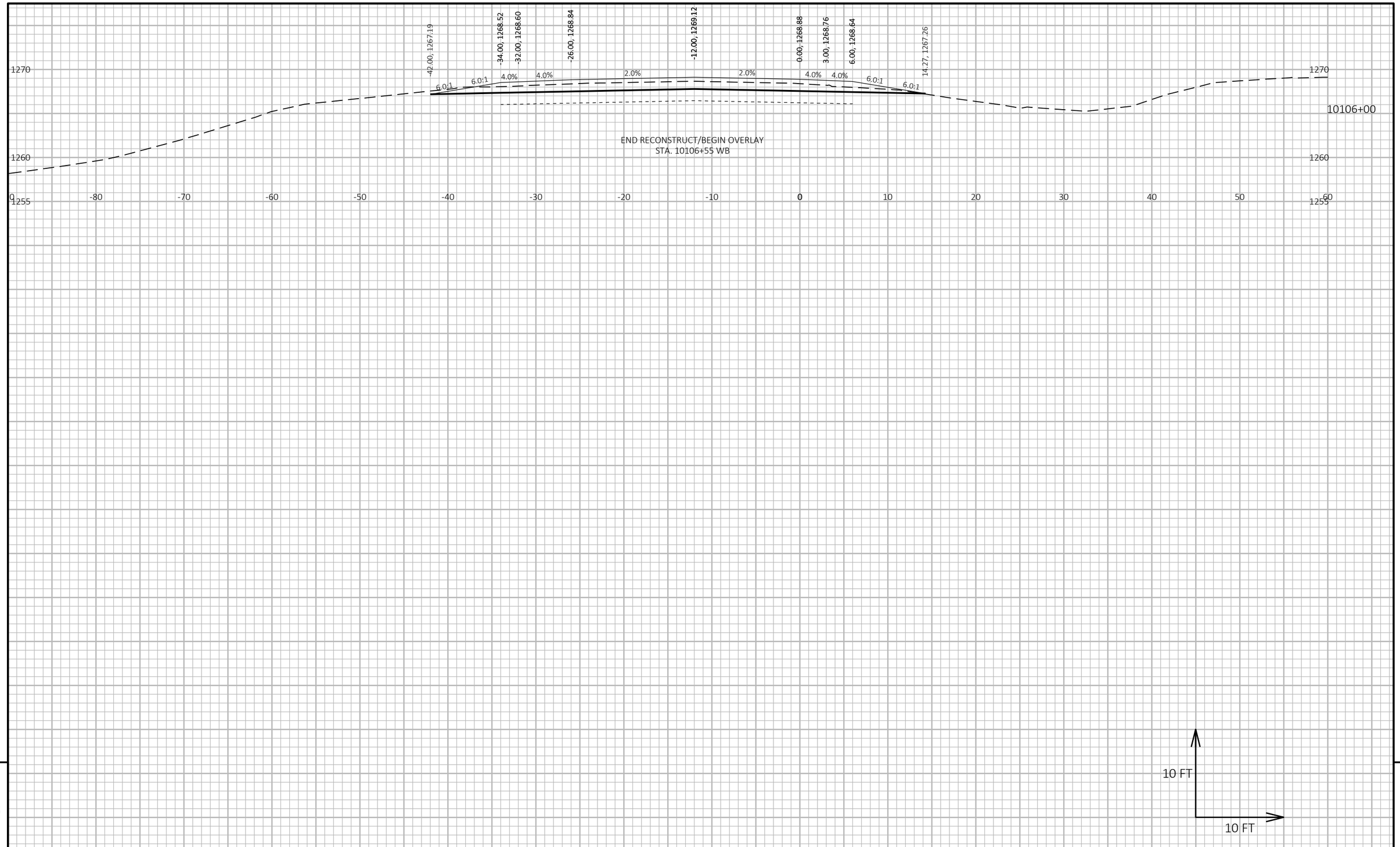
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 580	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902147-xs

PLOT DATE : 6/30/2025 11:47 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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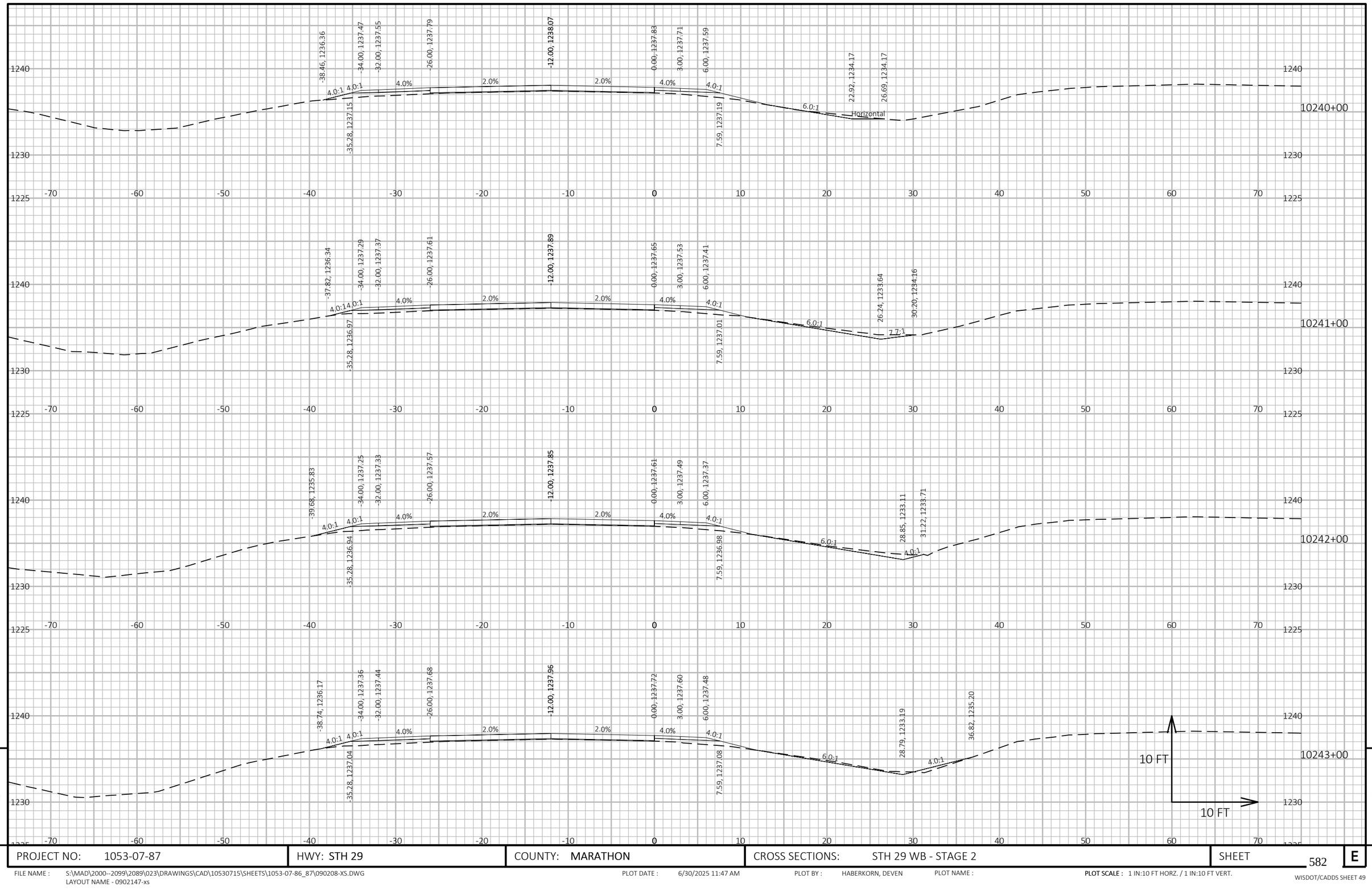
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 581	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090205-XS.DWG
LAYOUT NAME - 0902148-xs

PLOT DATE : 6/30/2025 11:47 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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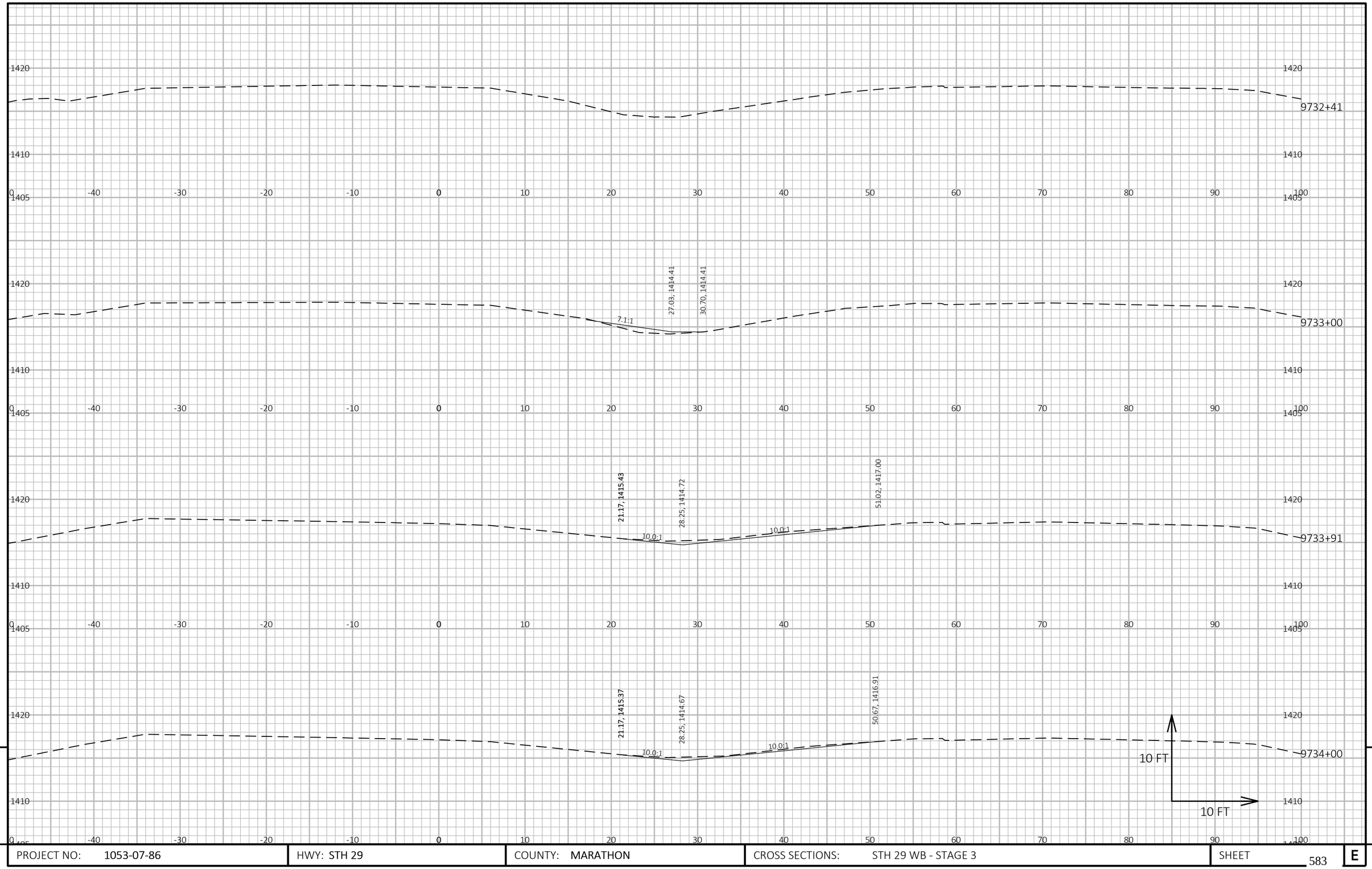
PROJECT NO: 1053-07-87	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 2	SHEET 582	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090208-XS.DWG
LAYOUT NAME - 0902147-xs

PLOT DATE : 6/30/2025 11:47 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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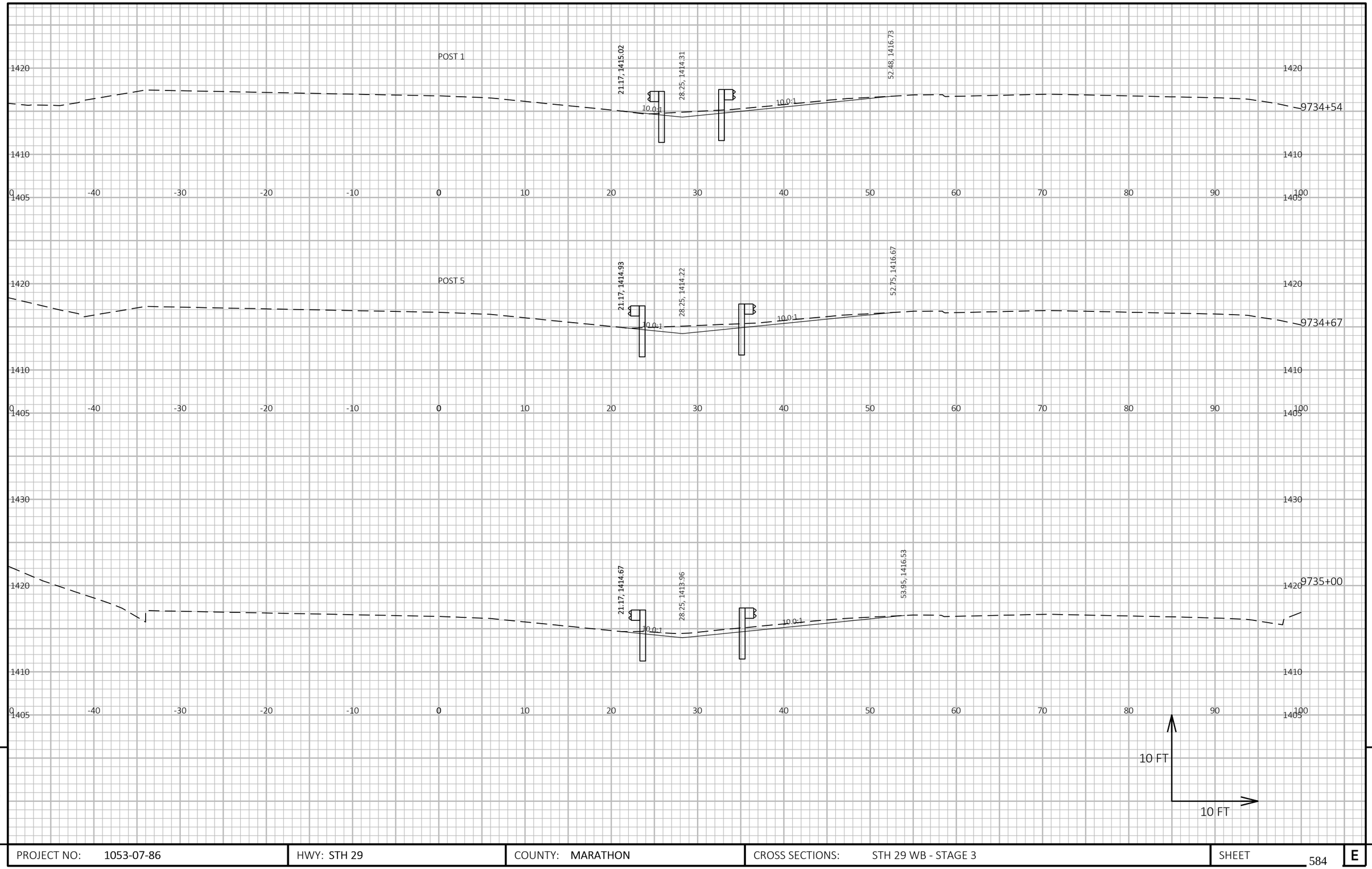
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 583	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902147-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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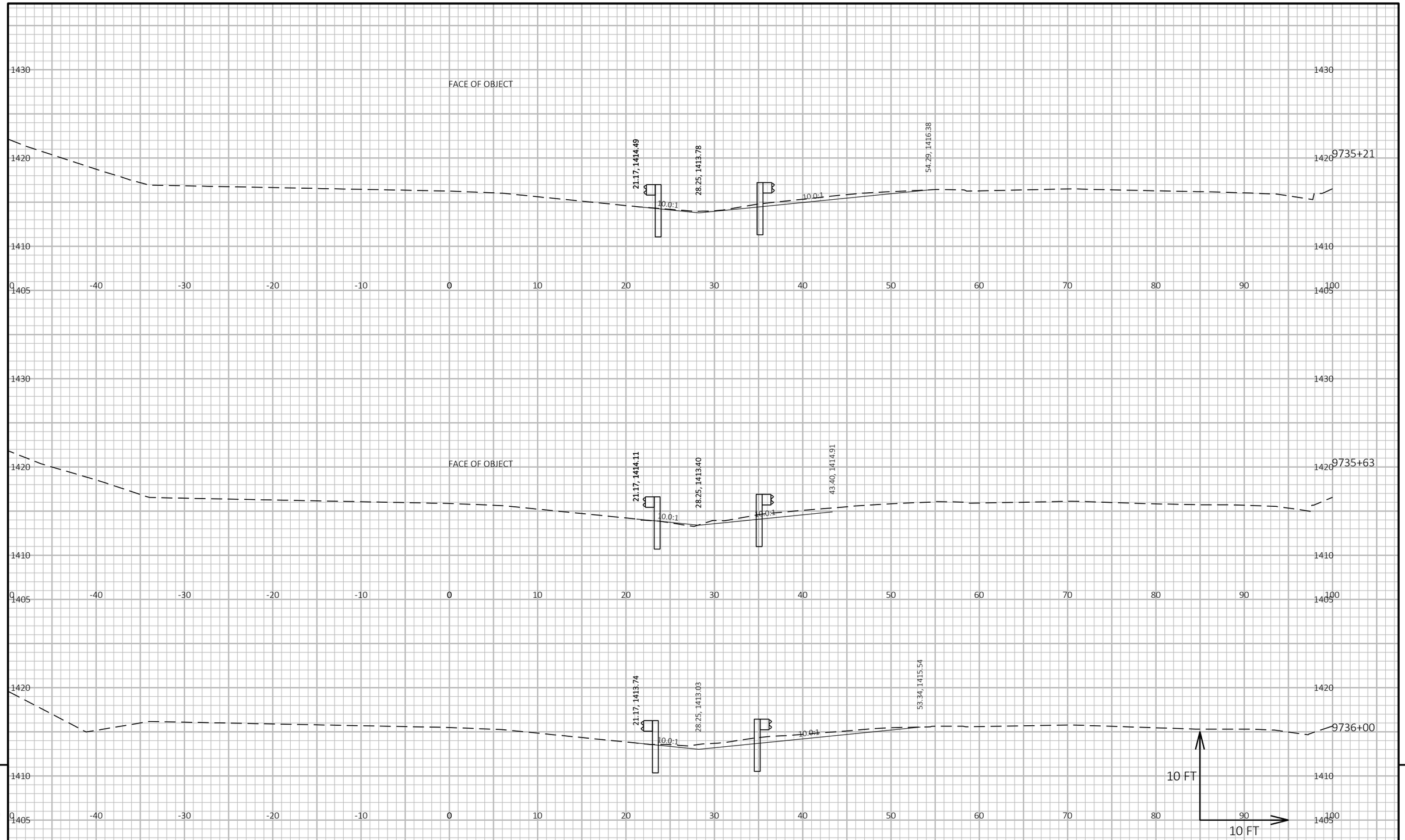
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 584	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902148-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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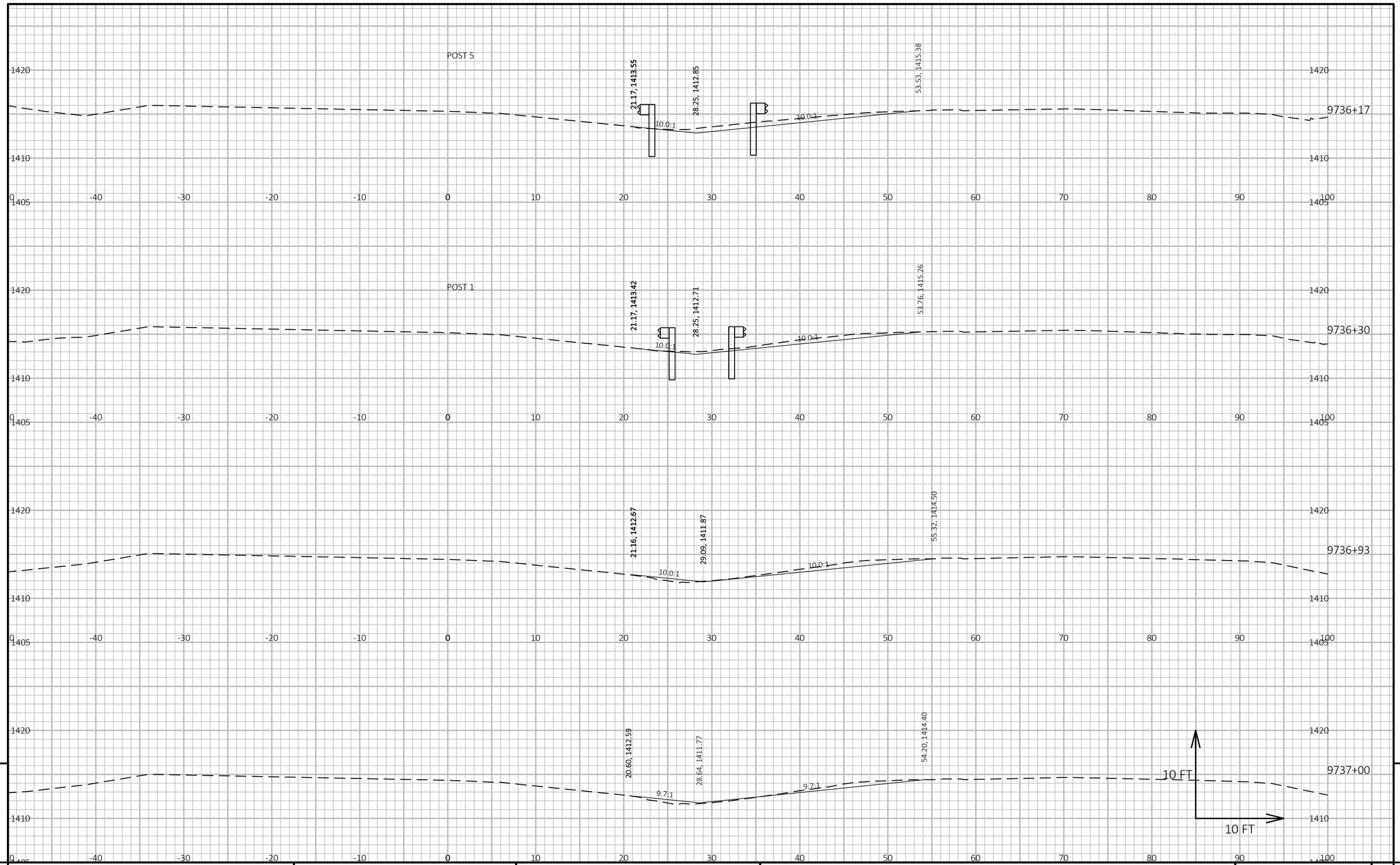
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 585	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902149-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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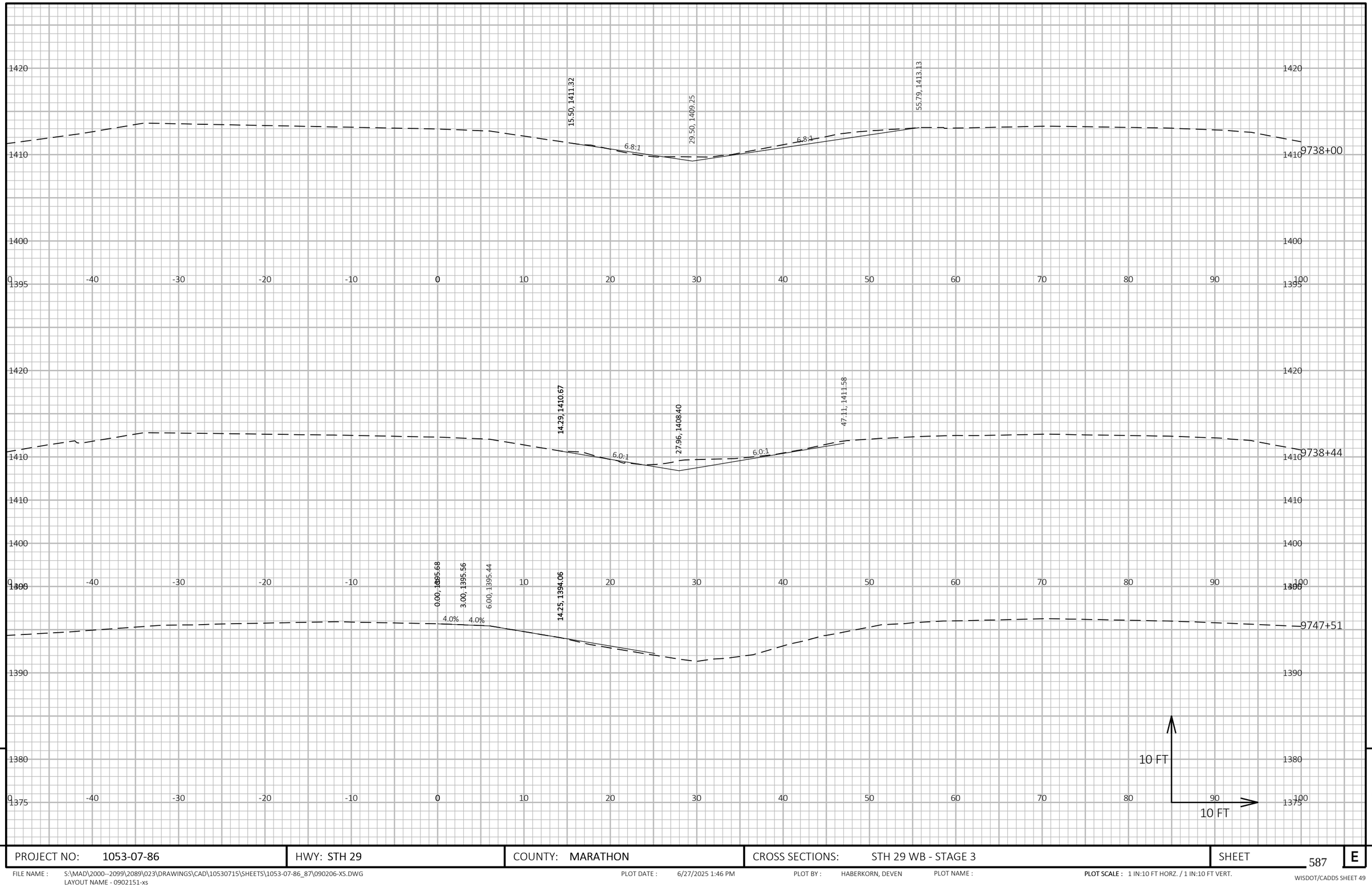
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 586	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902150-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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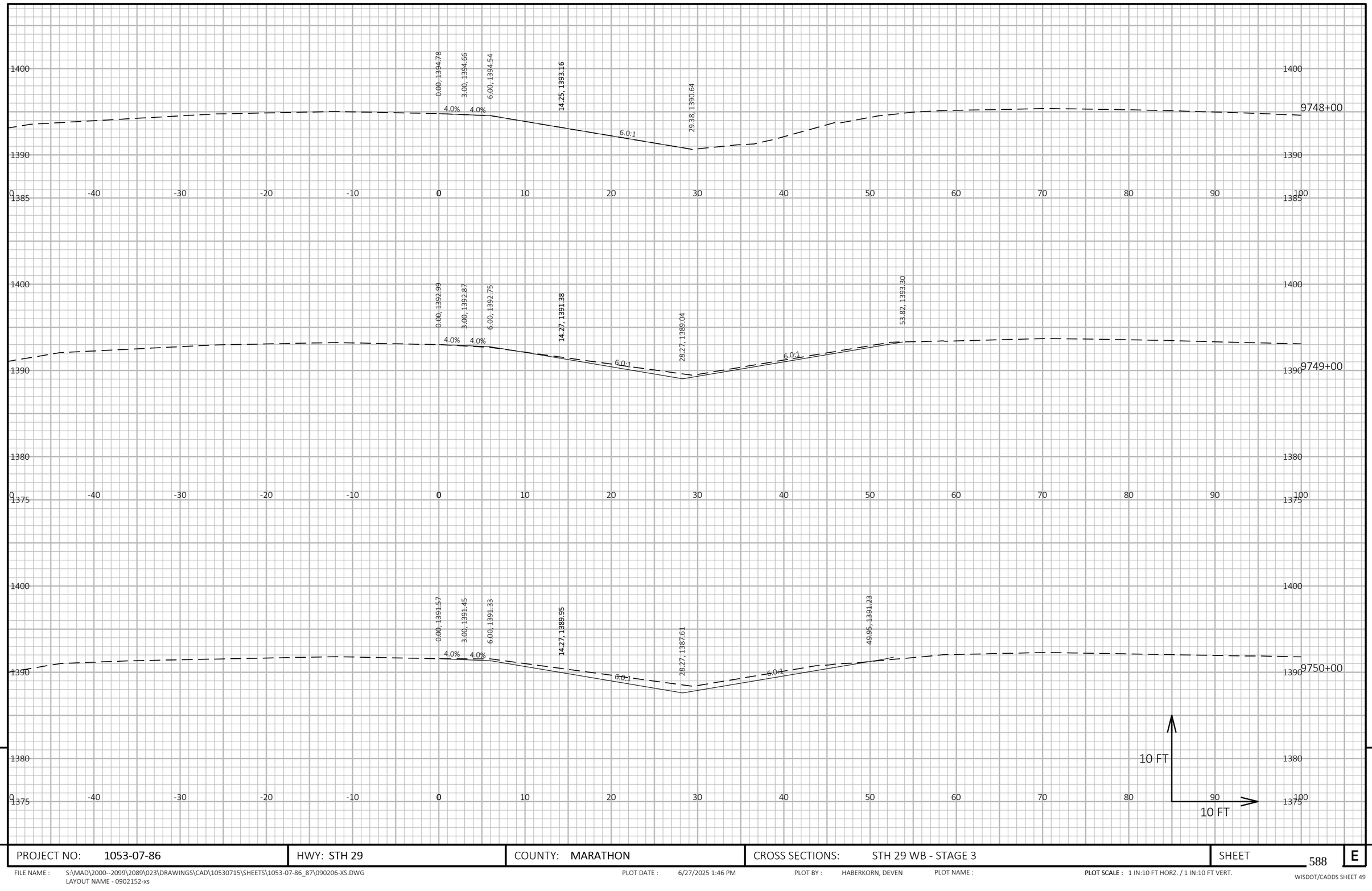
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 587	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902151-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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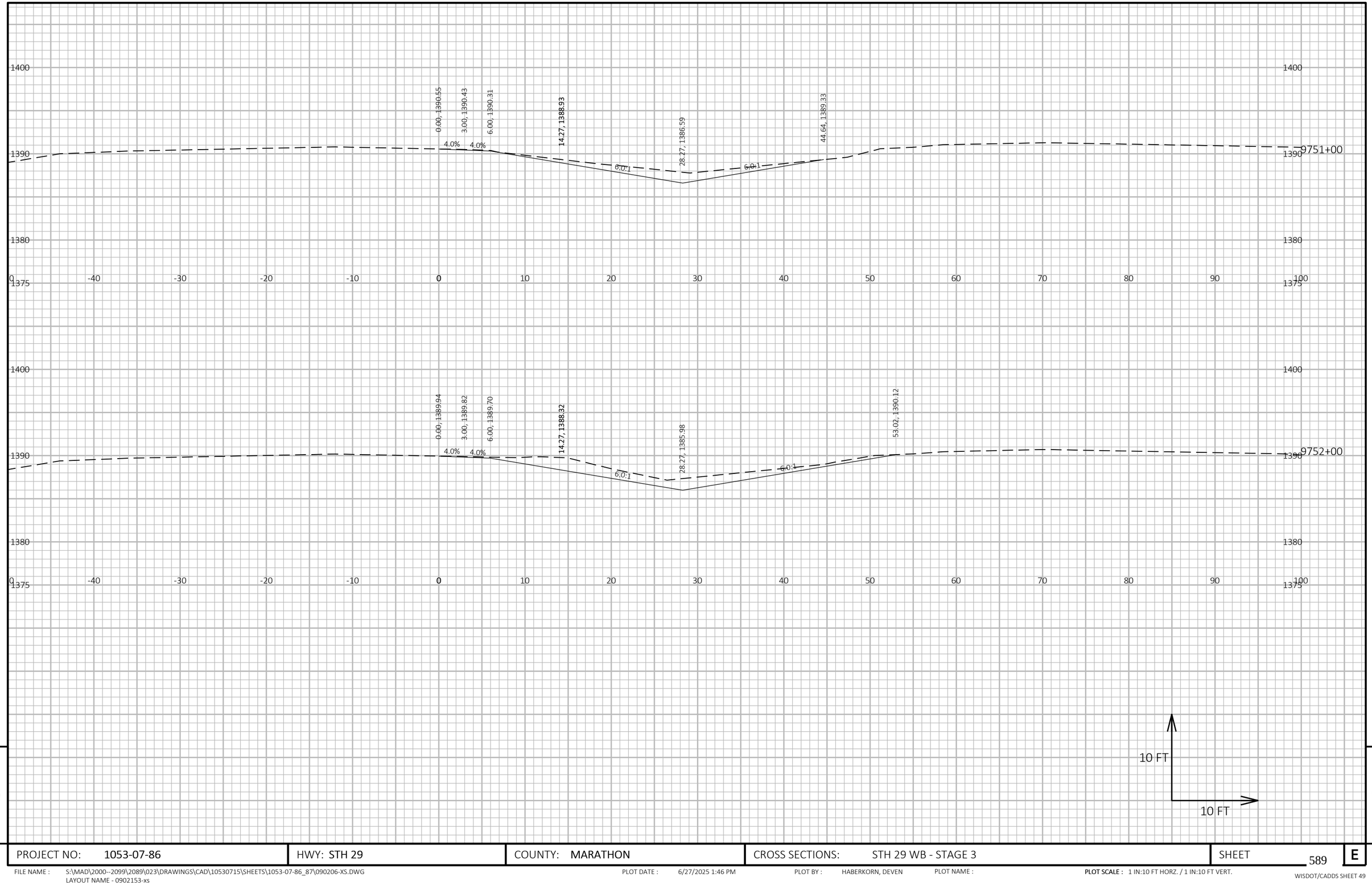
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 588	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902152-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

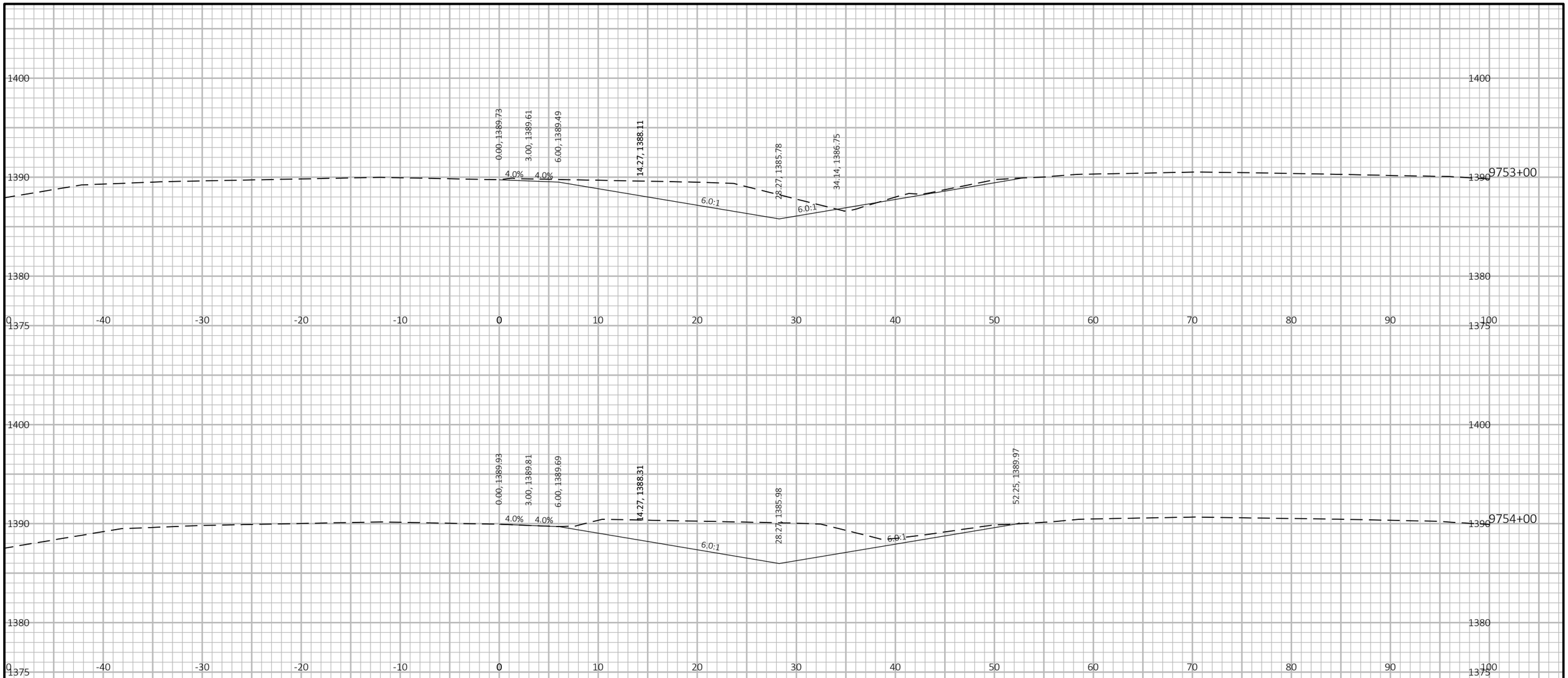


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 589	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902153-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

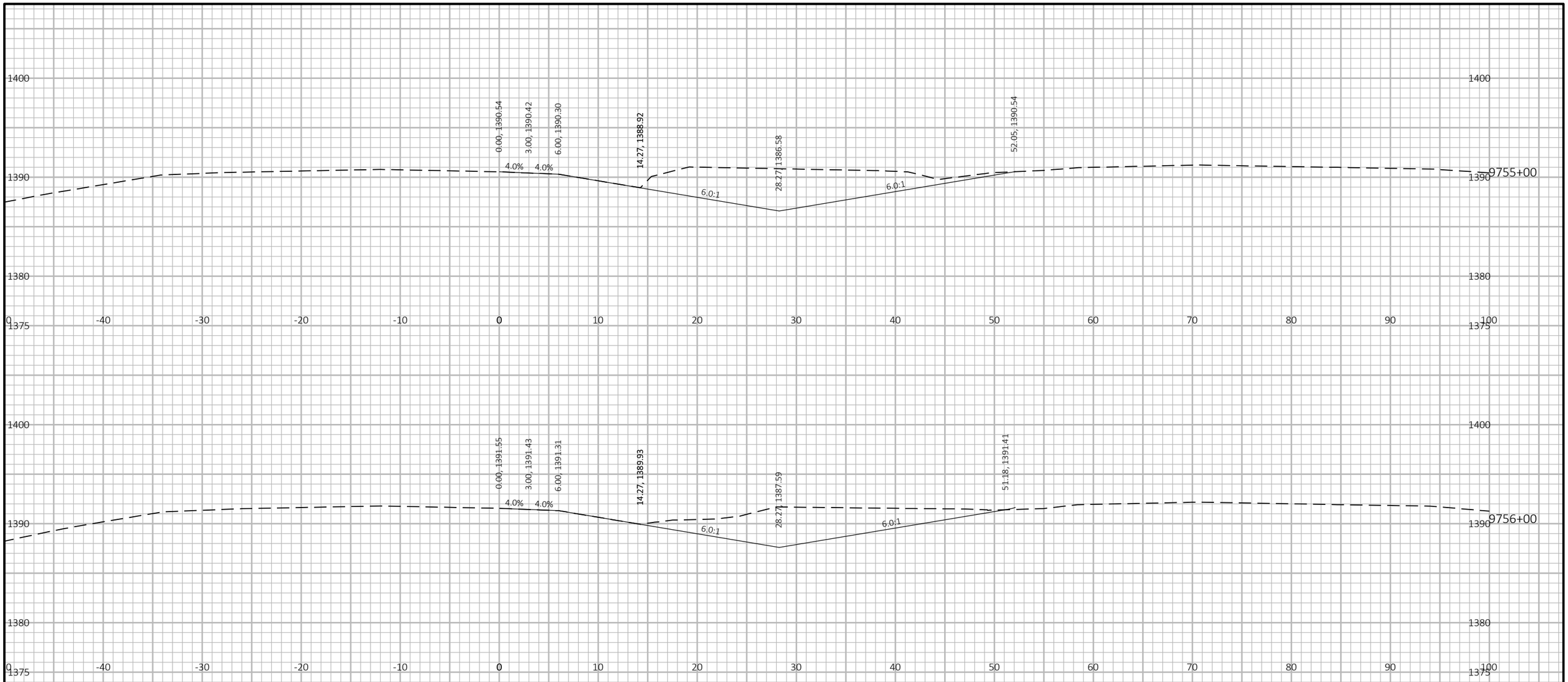


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 590	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902154-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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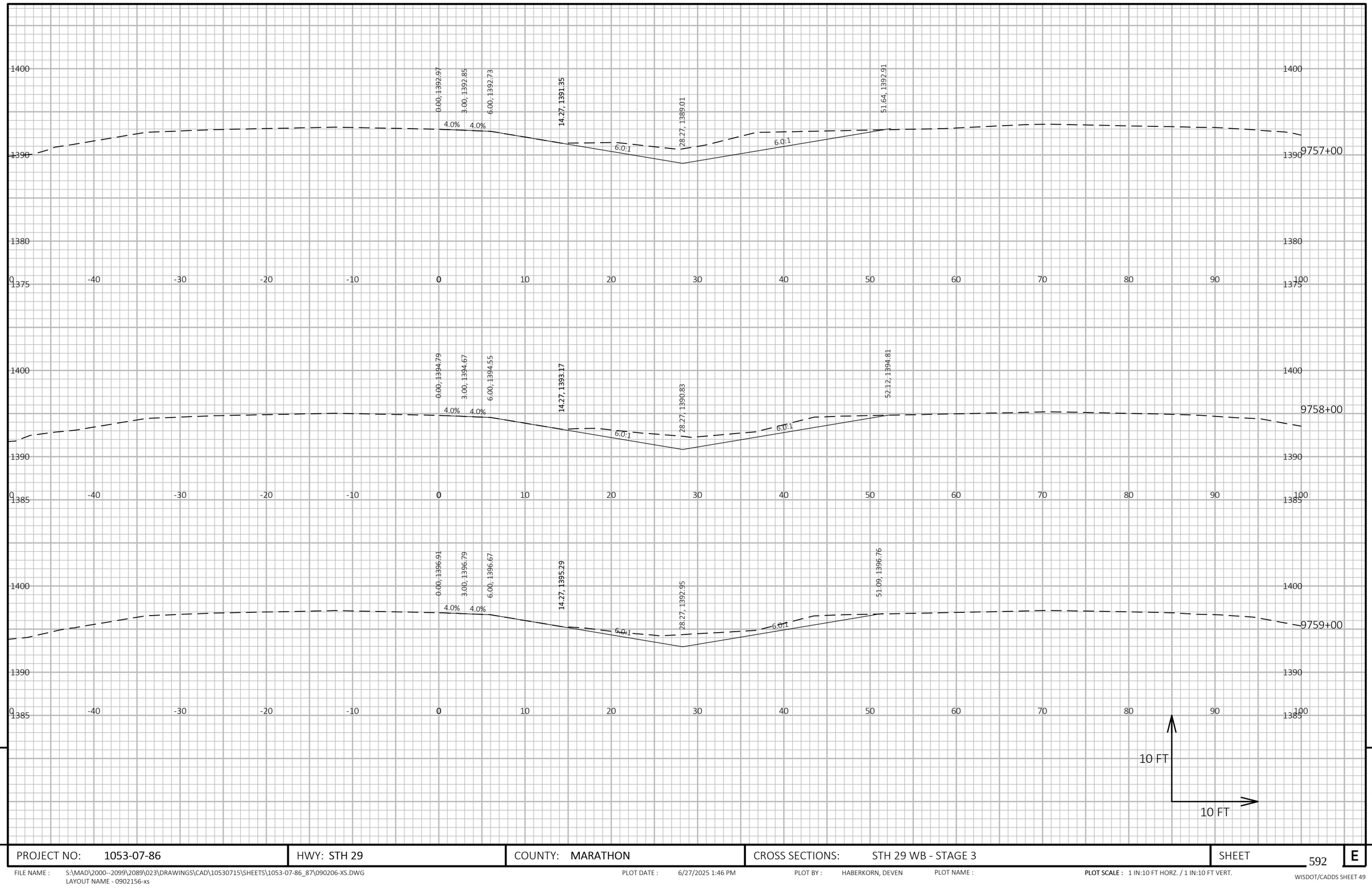
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 591	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902155-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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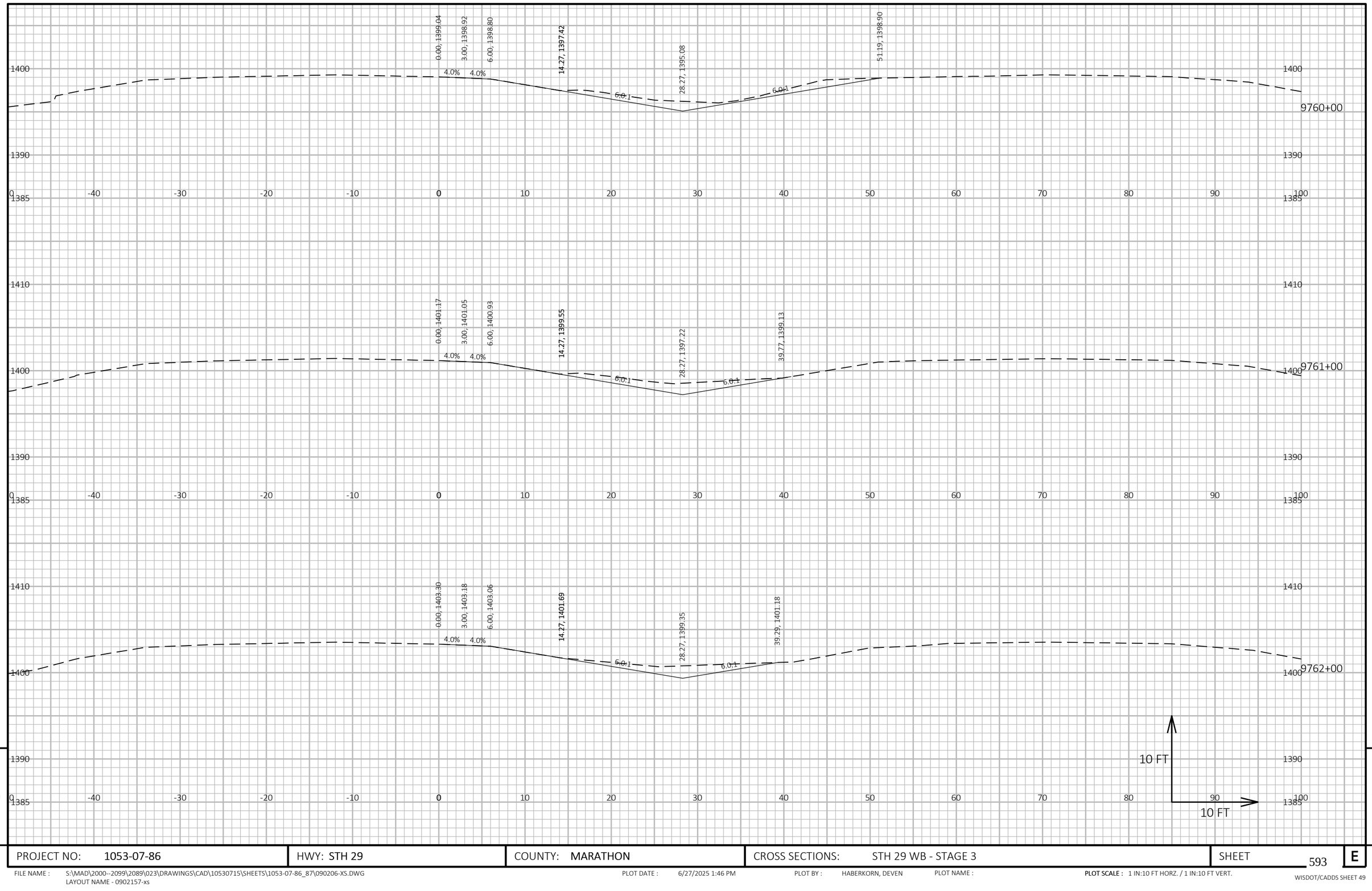
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 592	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902156-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

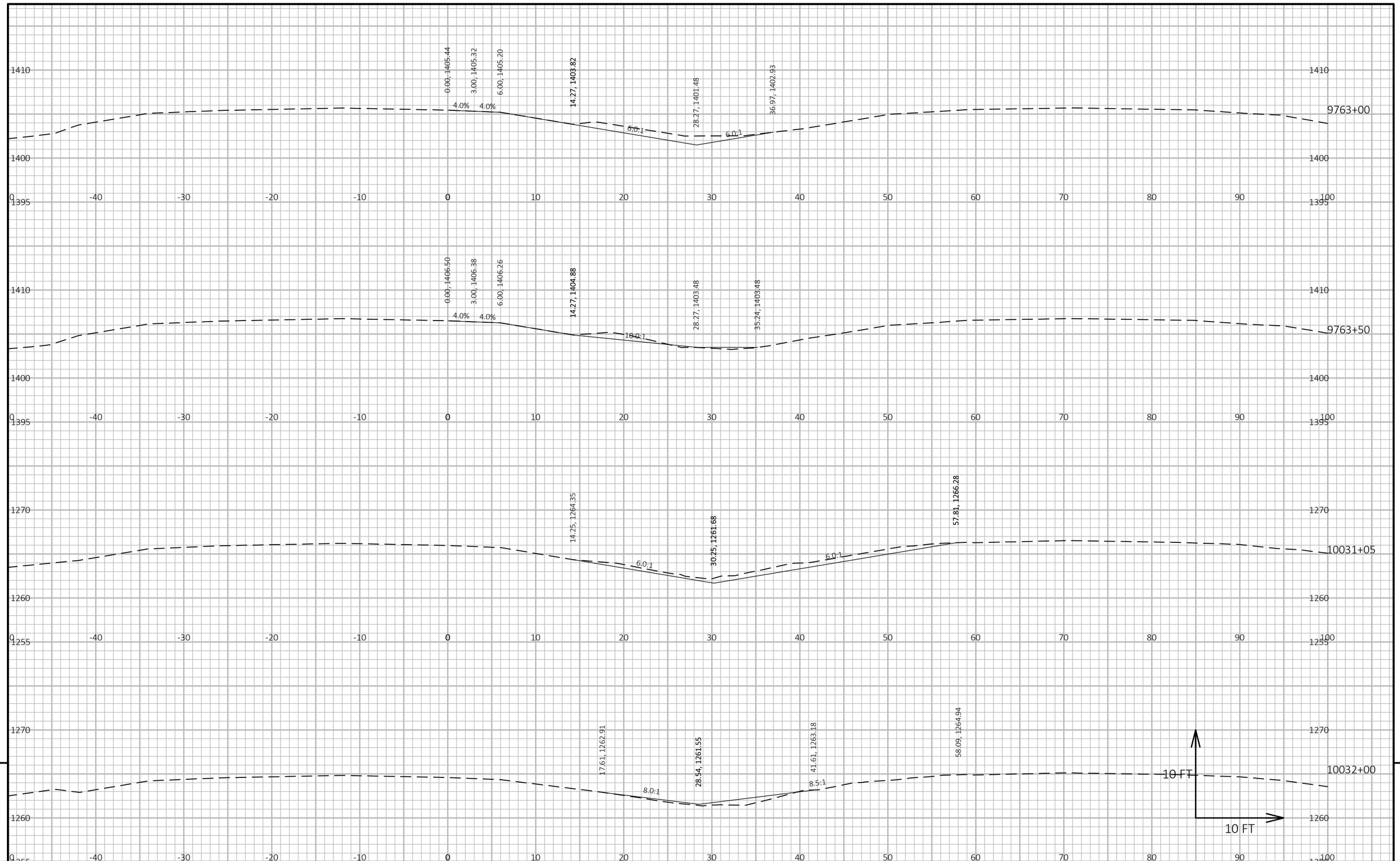


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 593	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902157-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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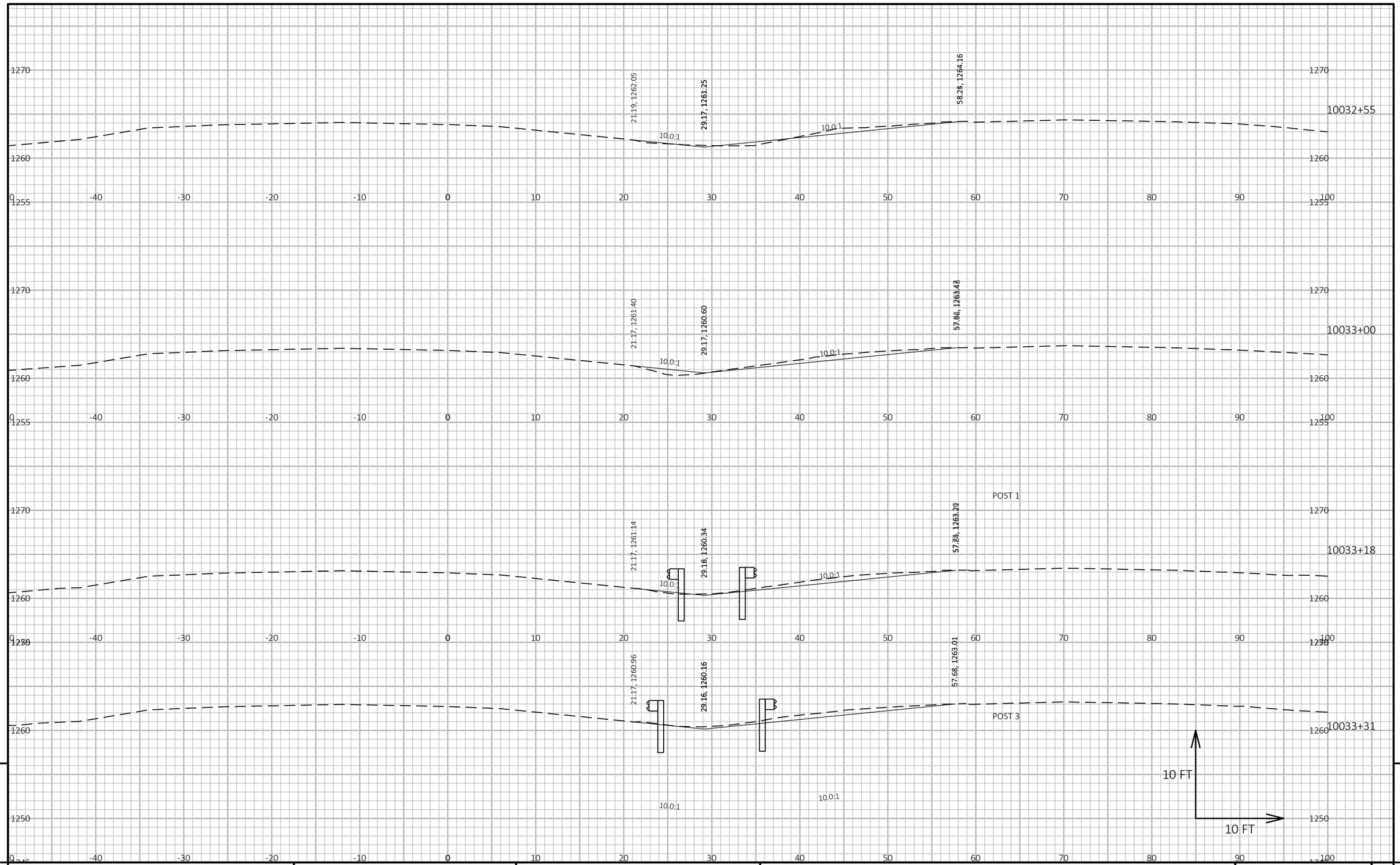
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 594	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902158-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 595	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902159-xs

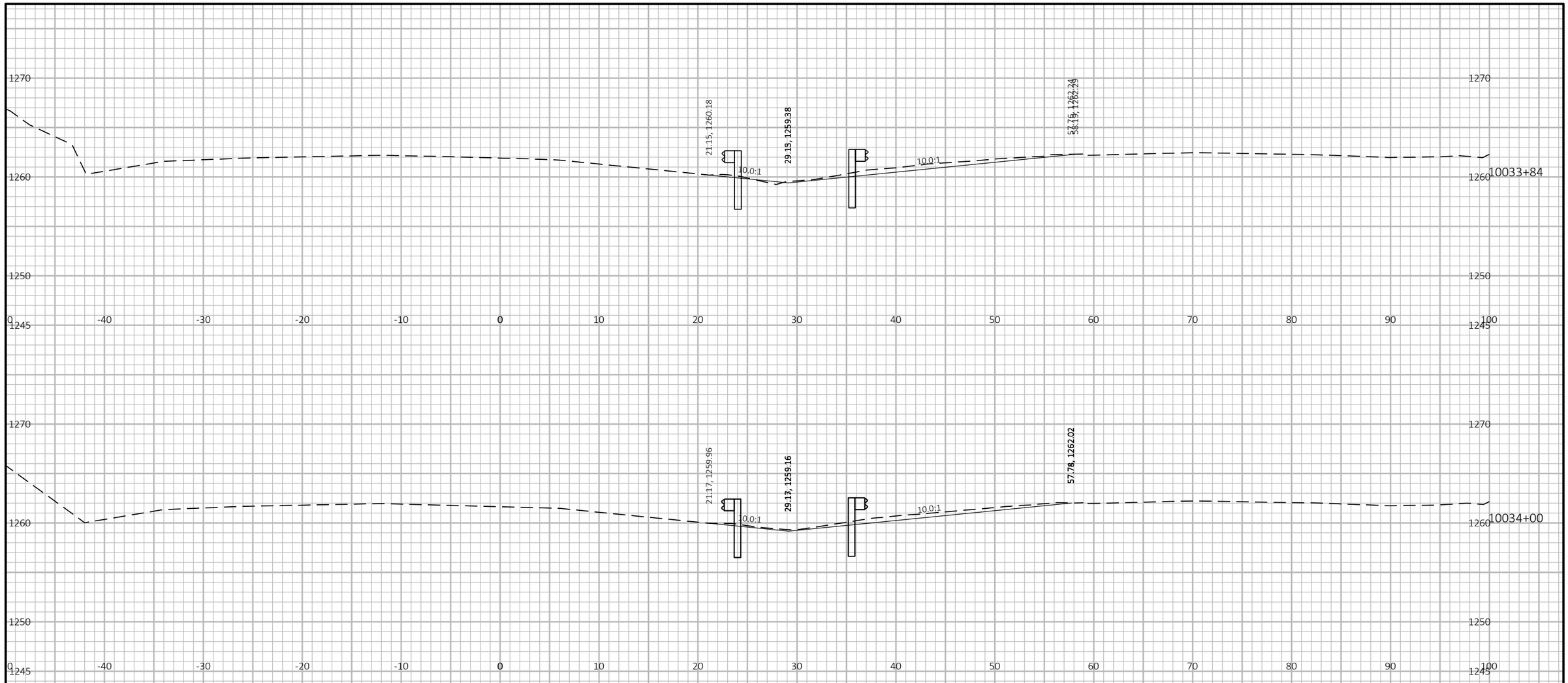
PLOT DATE : 6/27/2025 1:46 PM

PLOT BY : HABERKORN, DEVEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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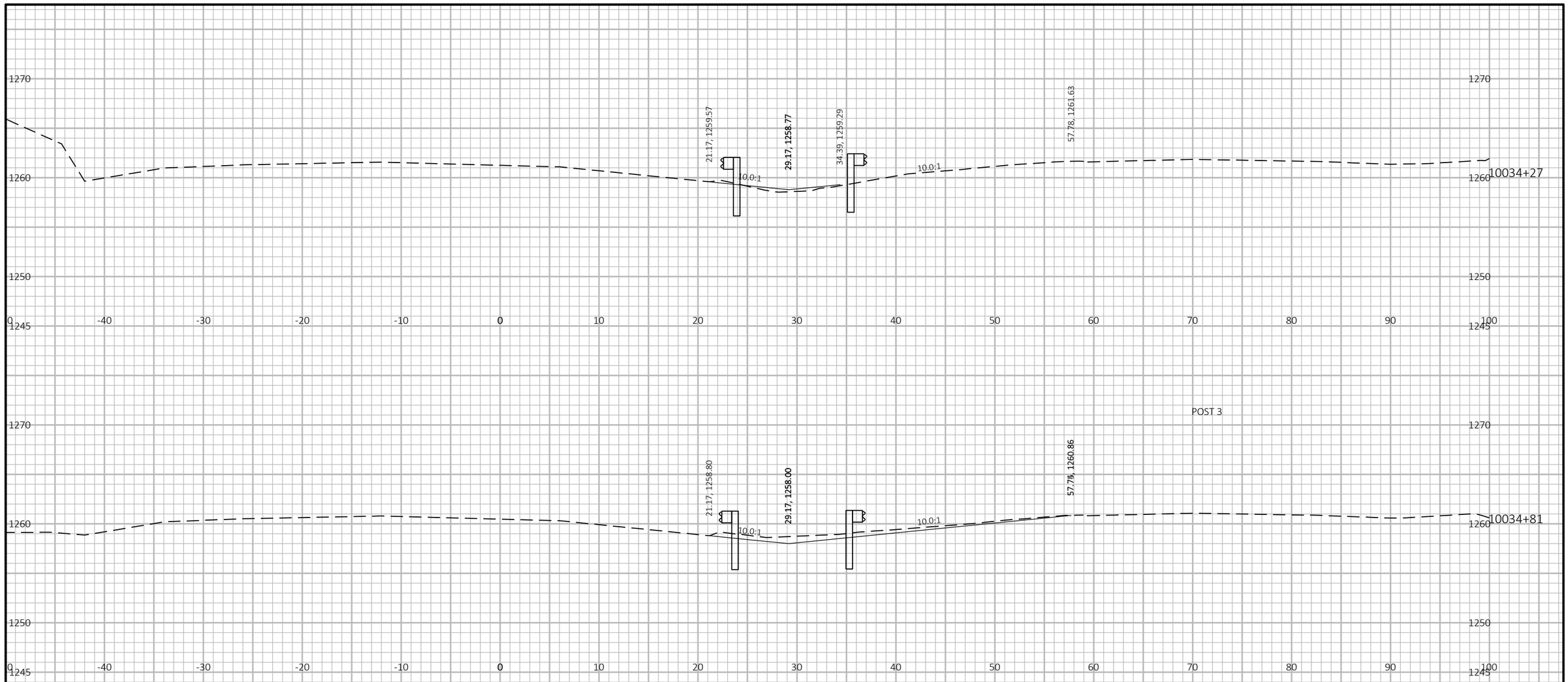
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 596	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902160-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



10 FT

10 FT

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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 597	E

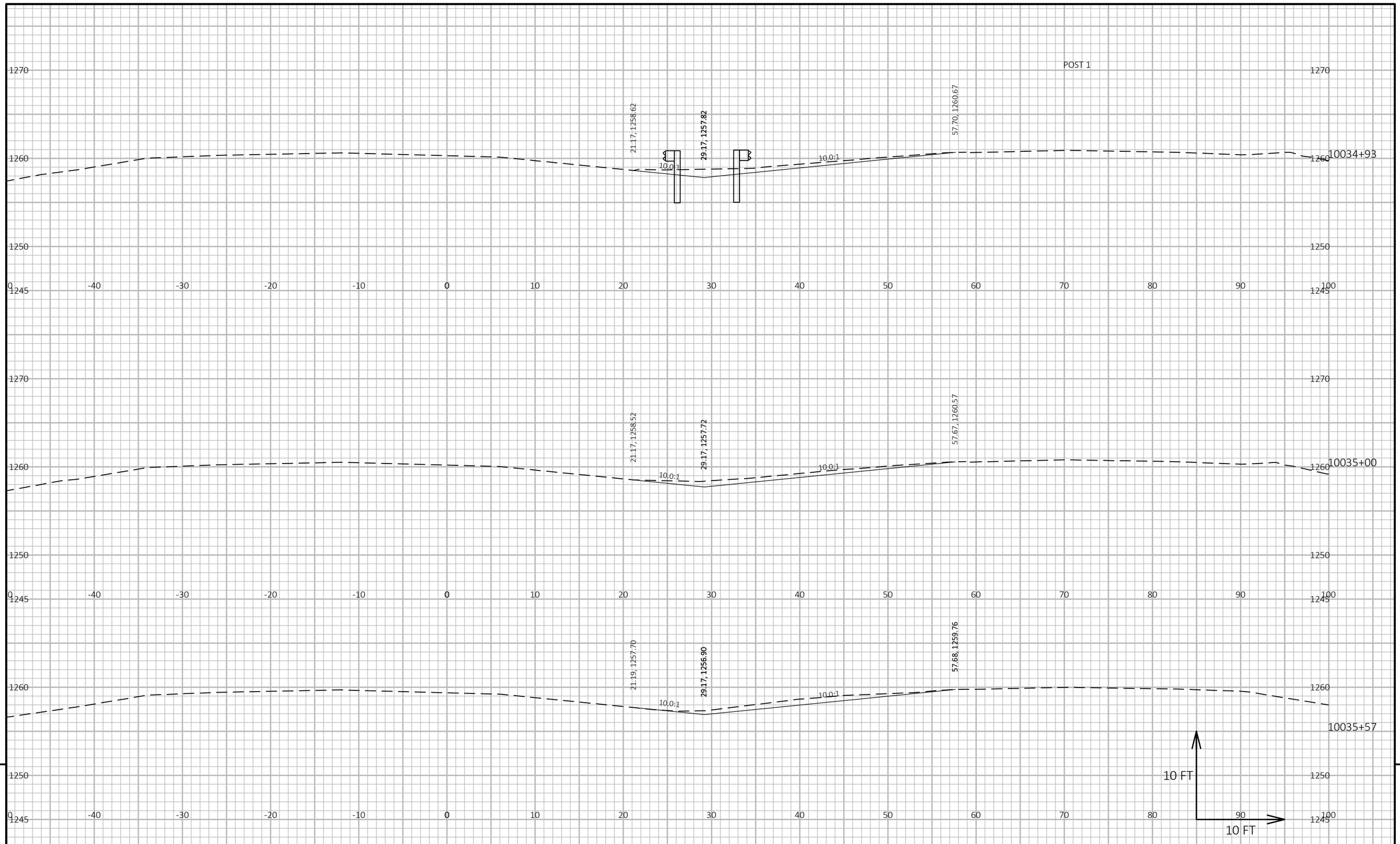
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902161-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

POST 1



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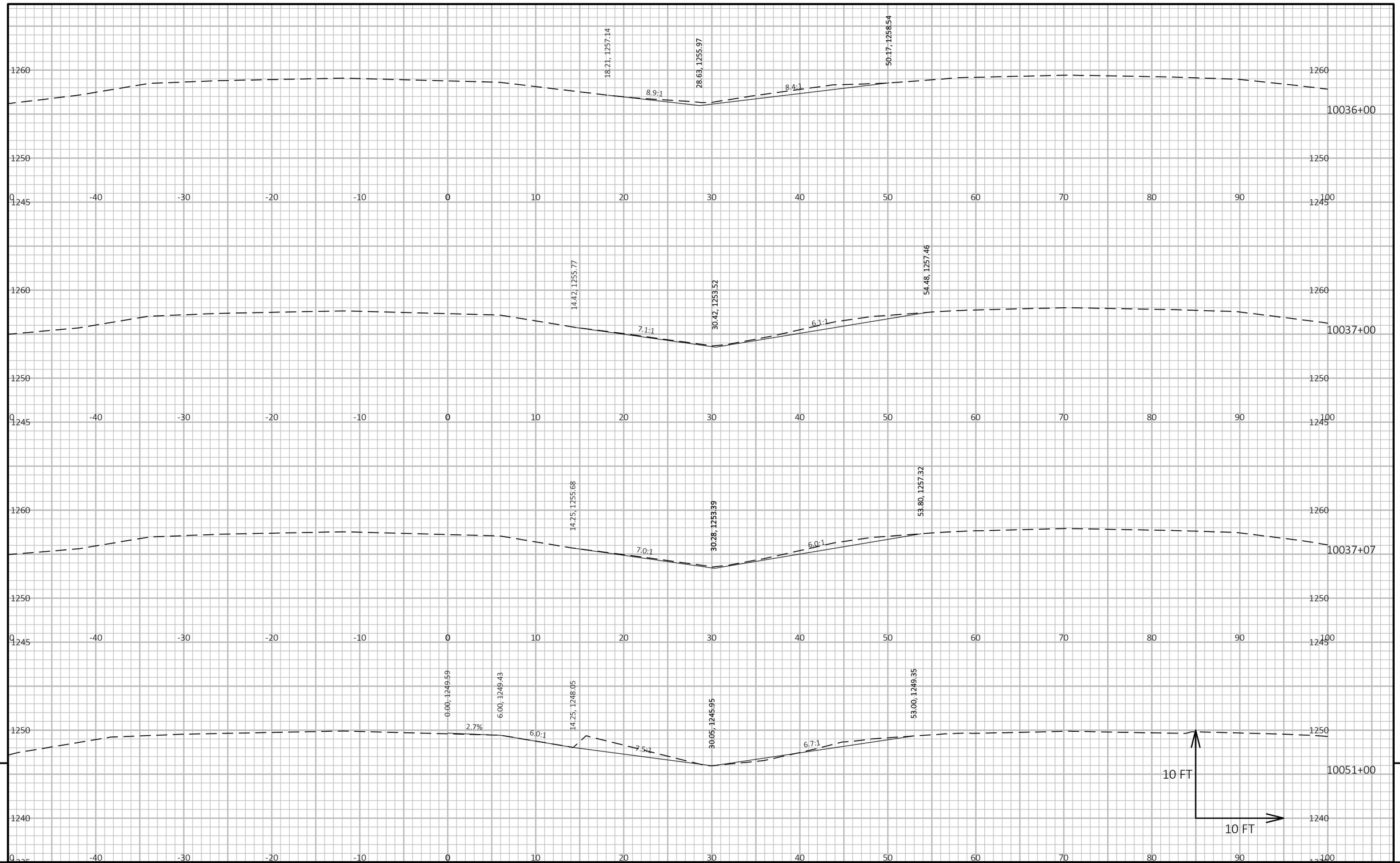
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 598	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902162-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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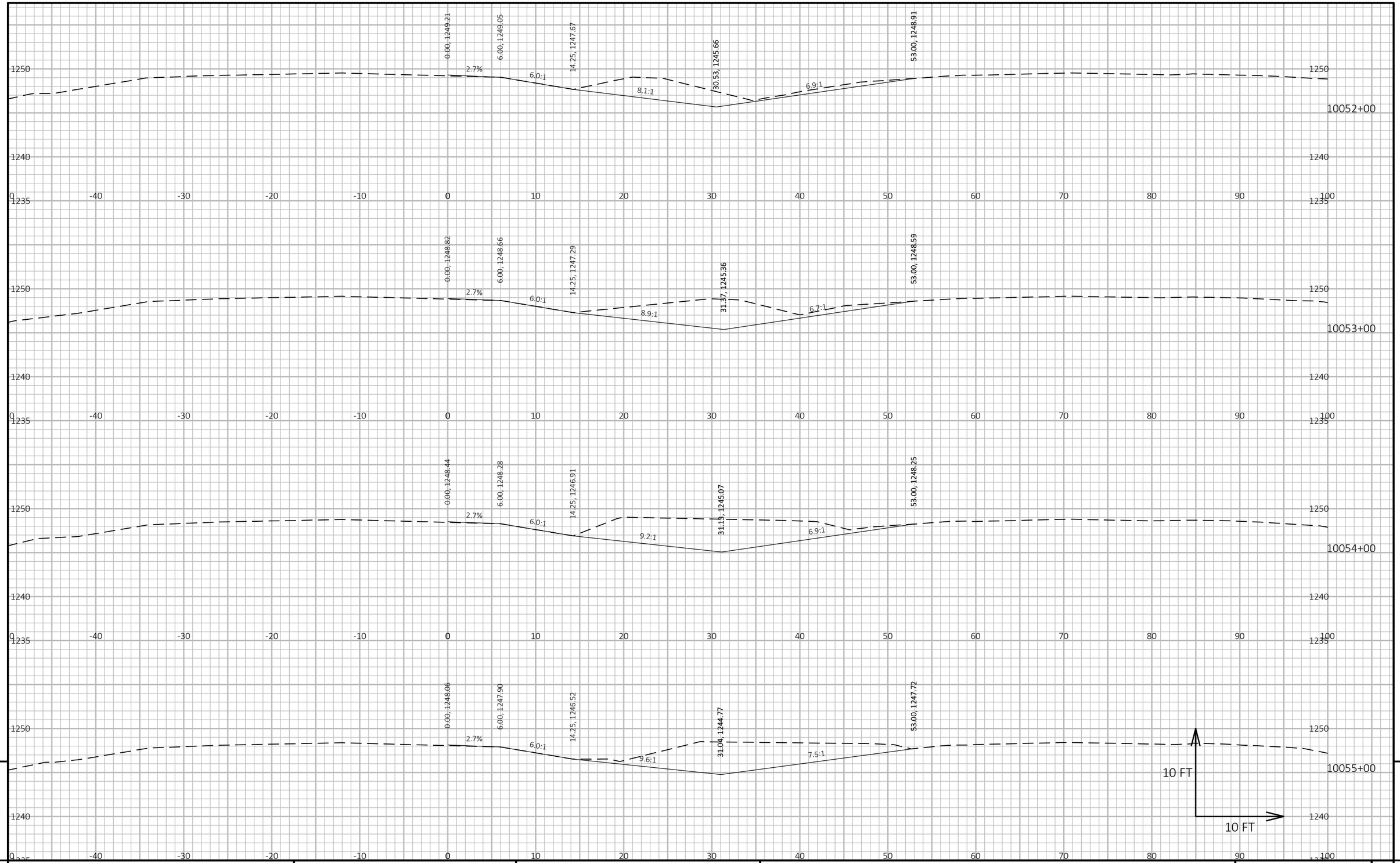
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 599	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902163-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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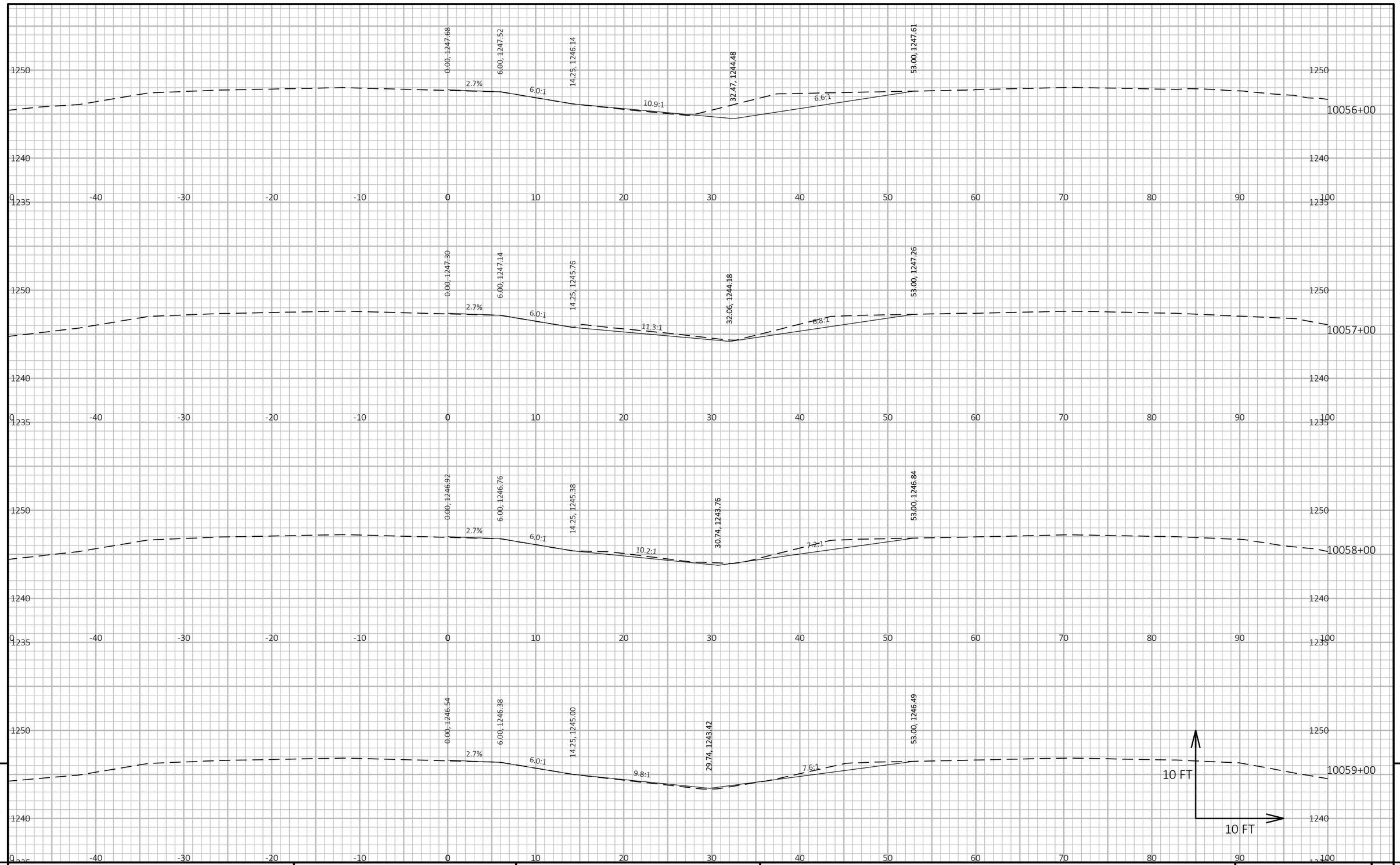
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 600	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902164-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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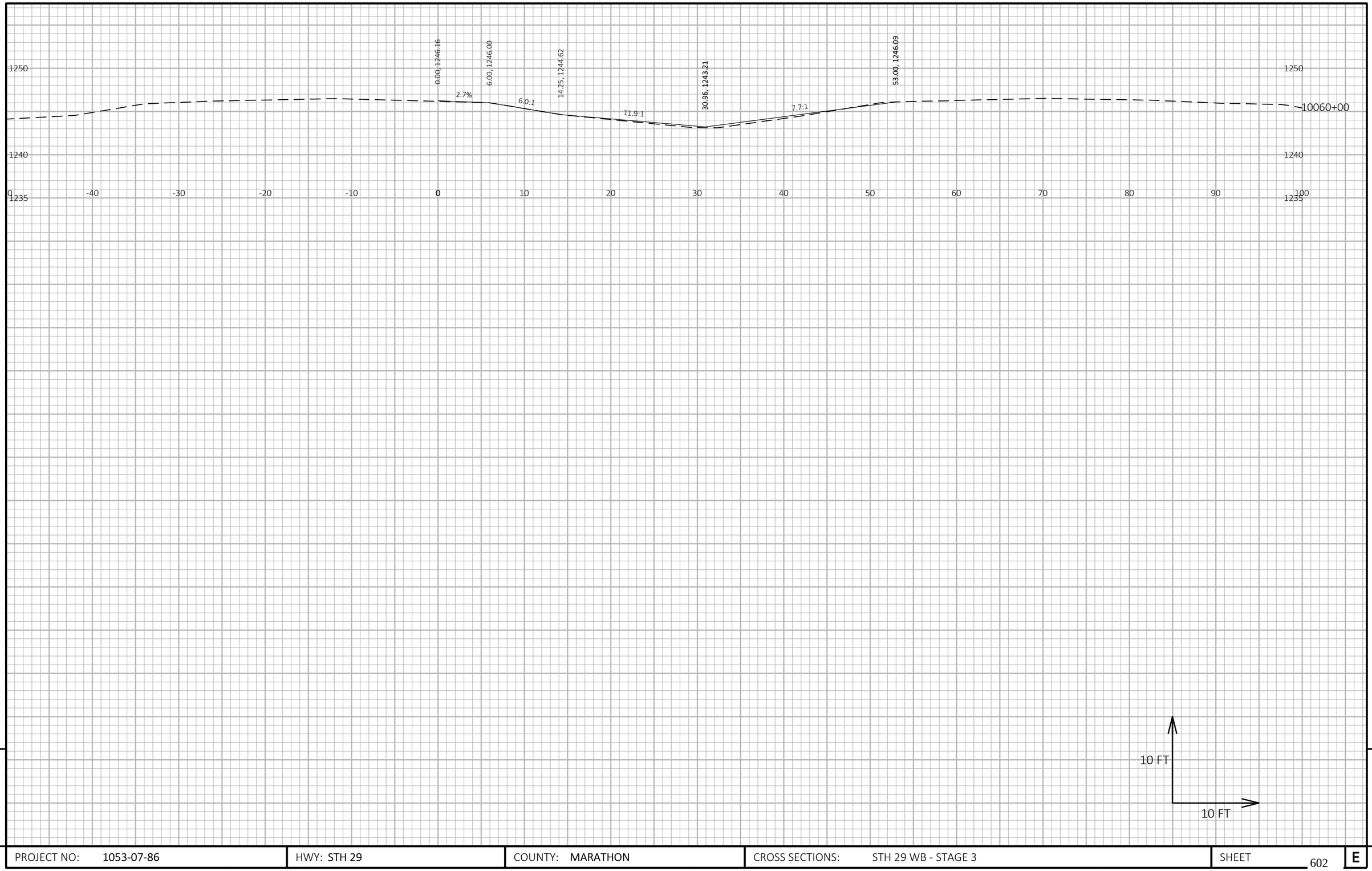
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 601	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902165-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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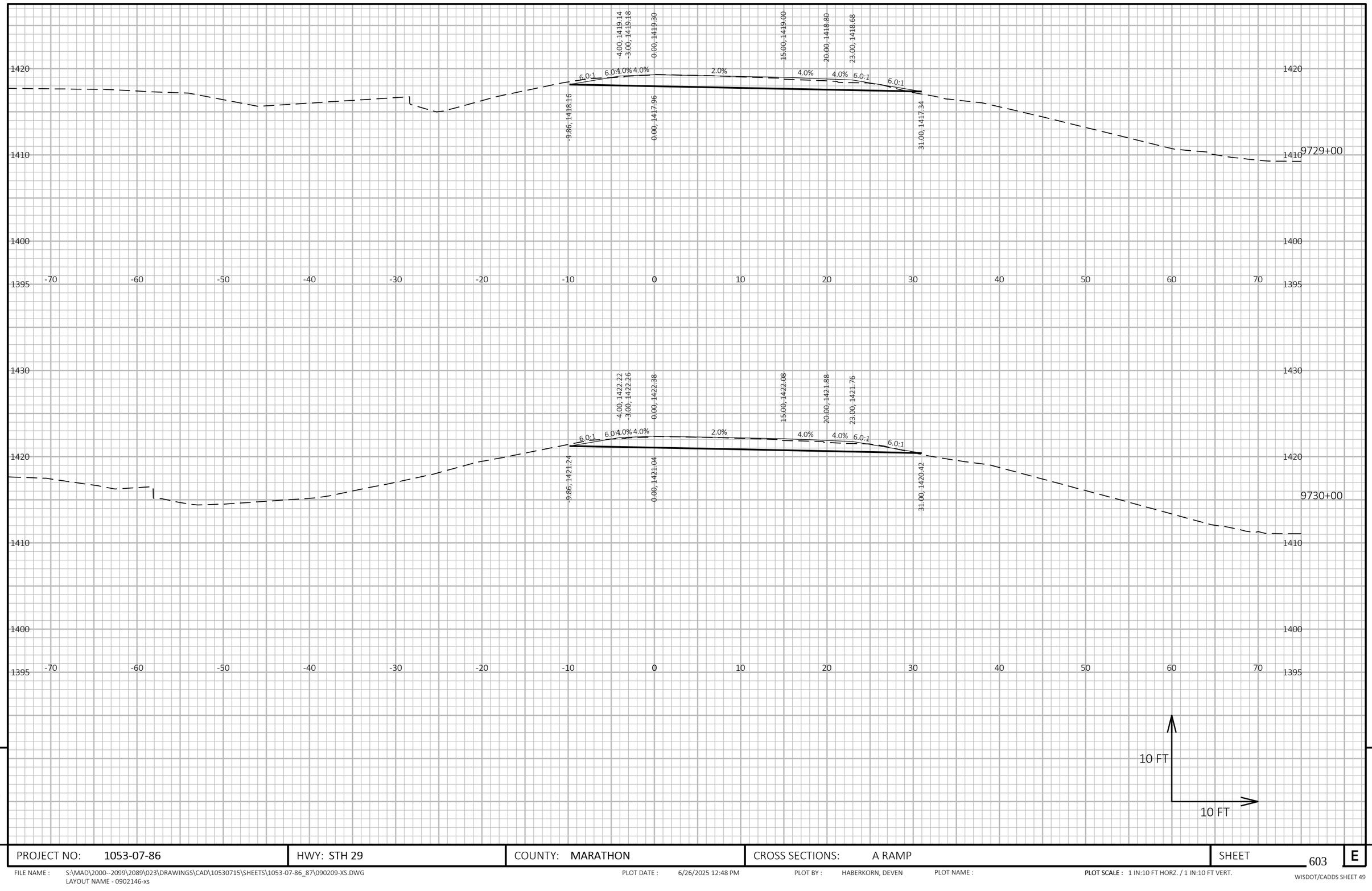
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 29 WB - STAGE 3	SHEET 602	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090206-XS.DWG
LAYOUT NAME - 0902166-xs

PLOT DATE : 6/27/2025 1:46 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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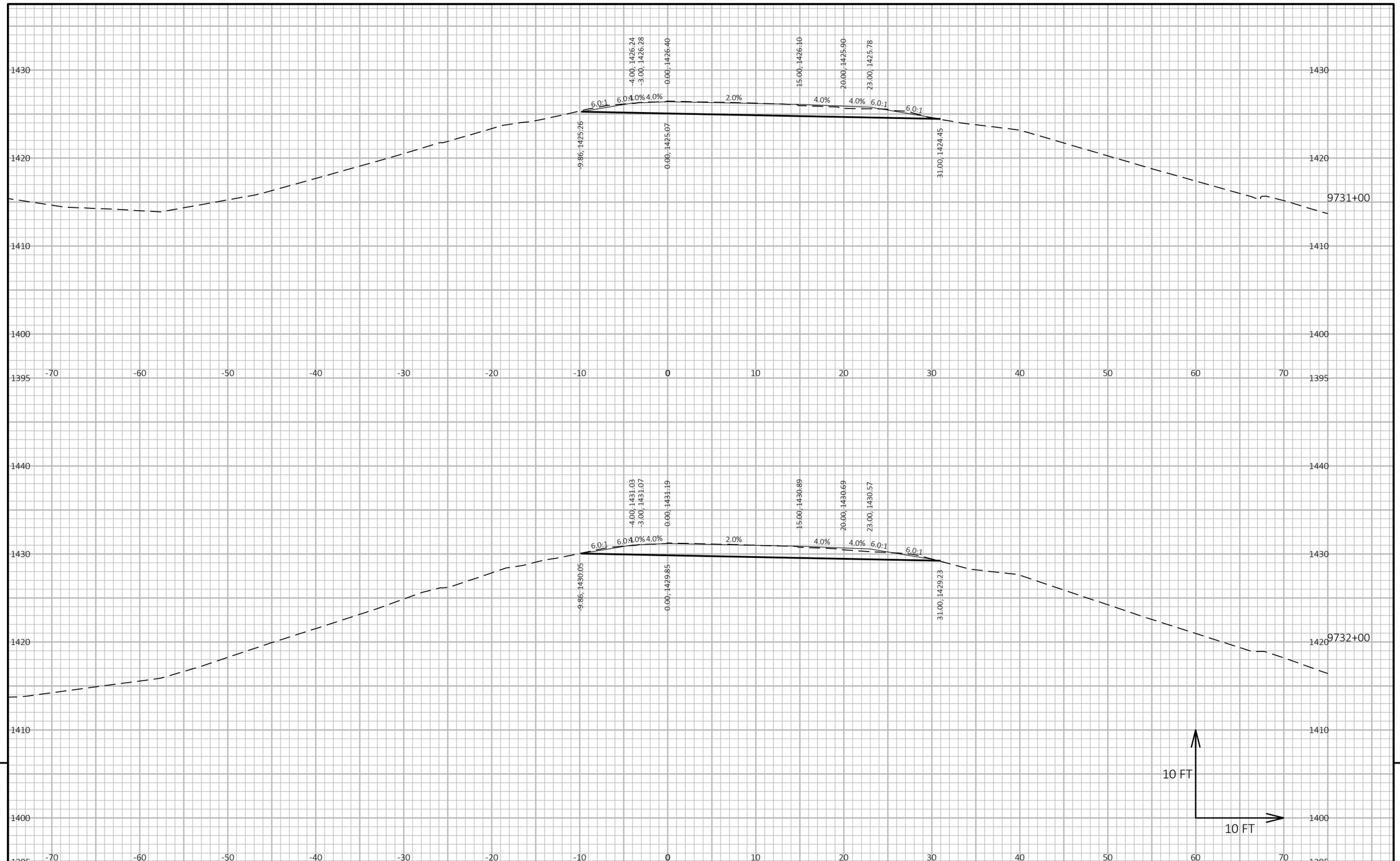
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: A RAMP	SHEET 603	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902146-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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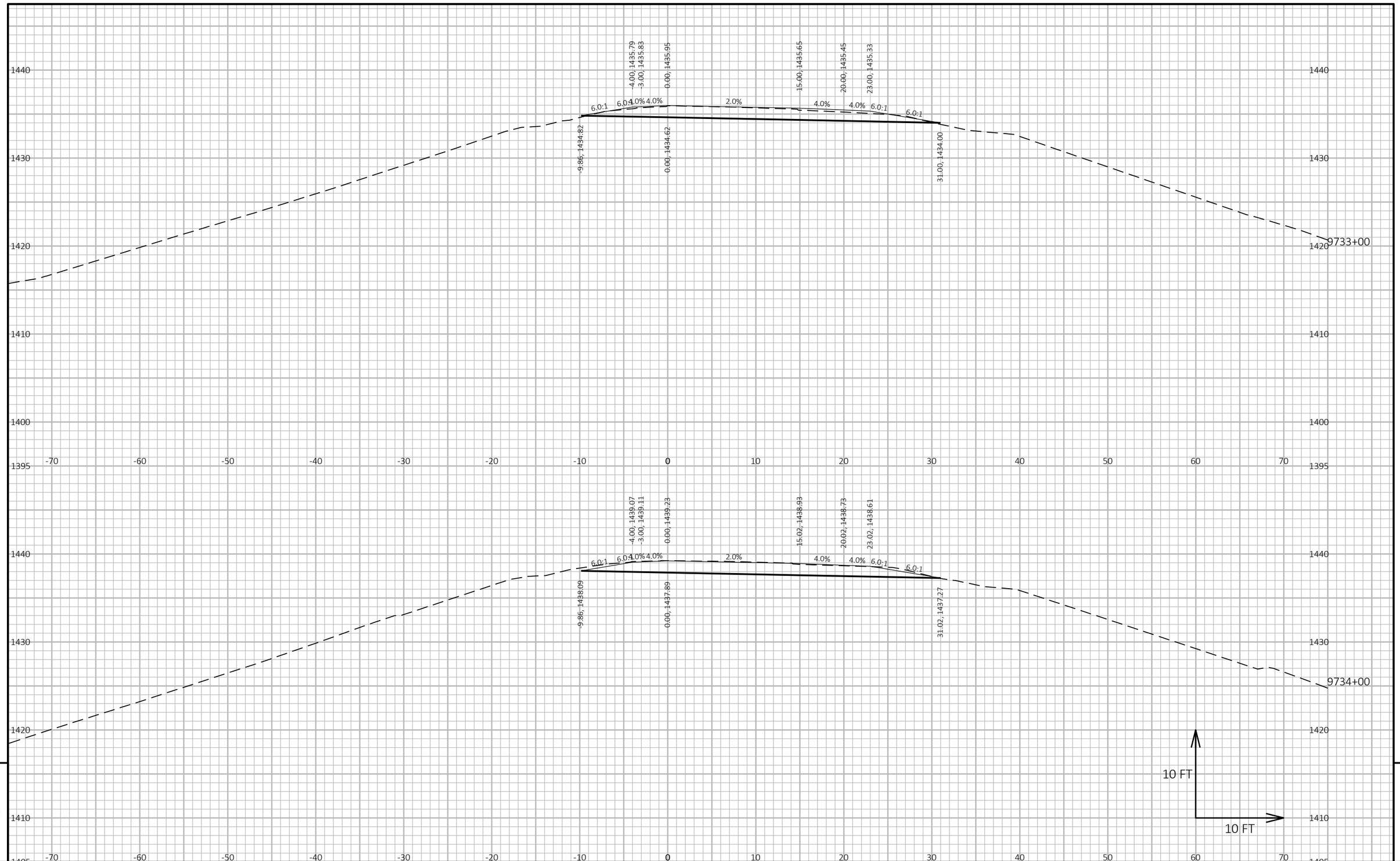
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: A RAMP	SHEET 604	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902147-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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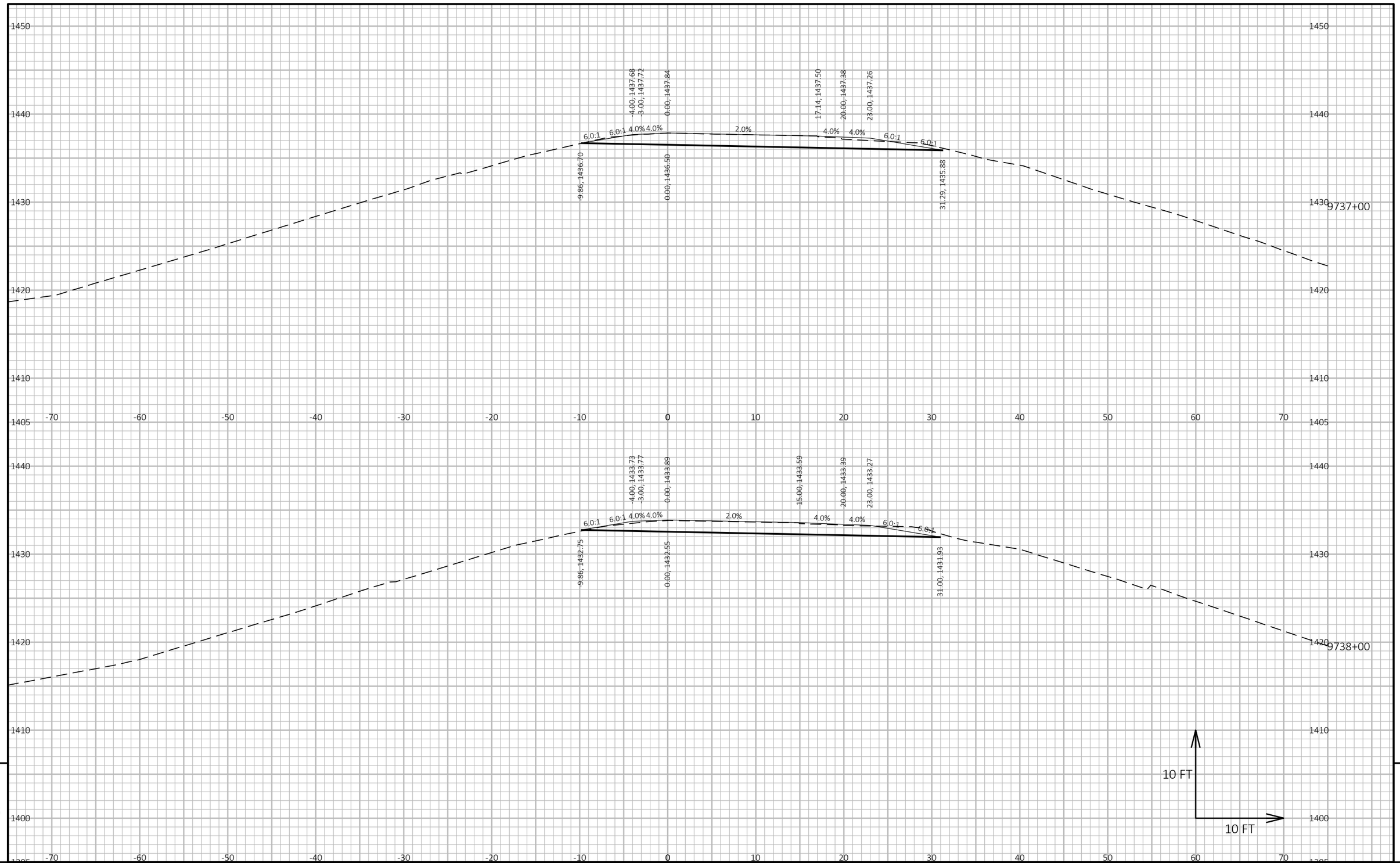
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: A RAMP	SHEET 605	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902148-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

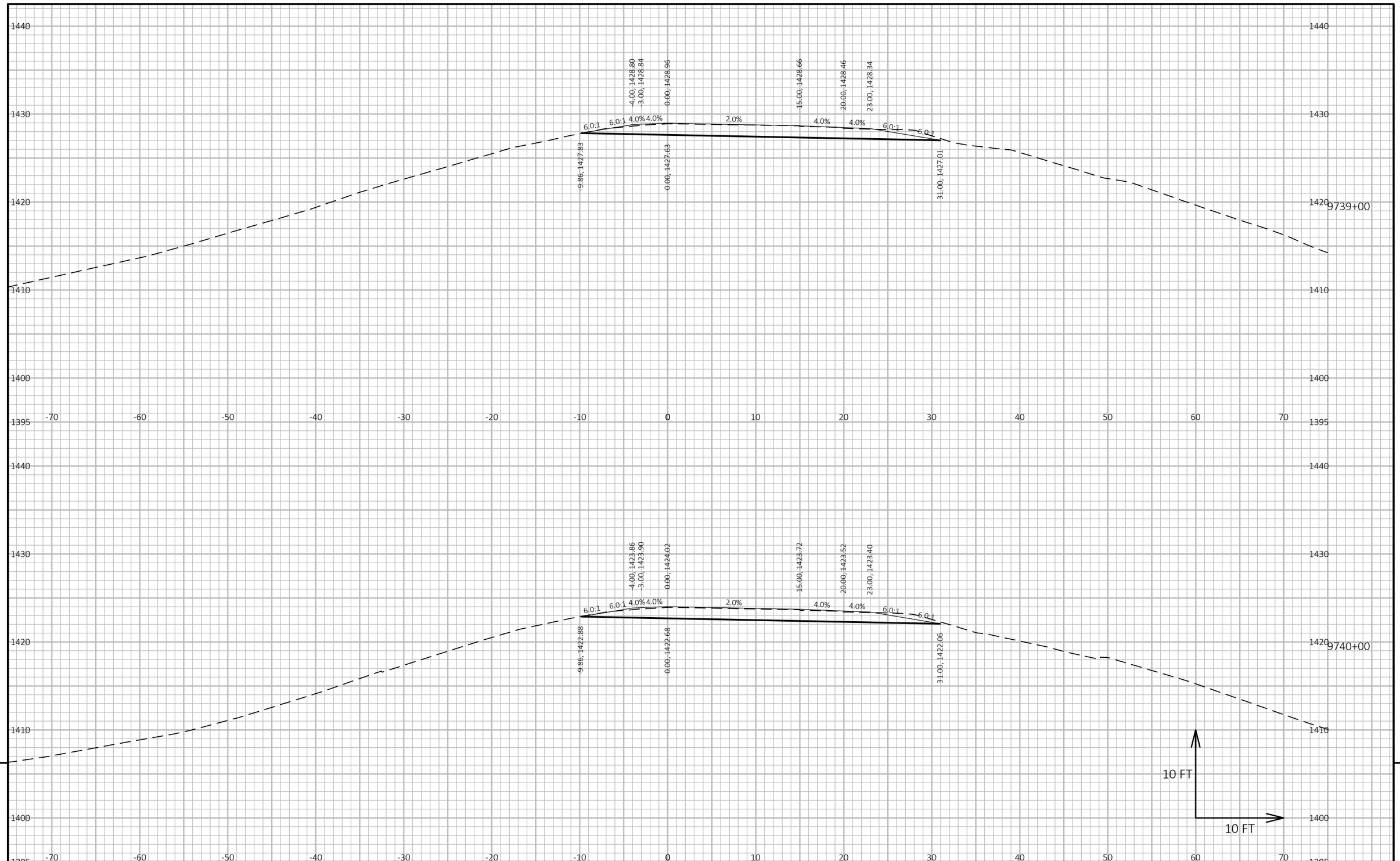


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: B RAMP	SHEET 606	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902149-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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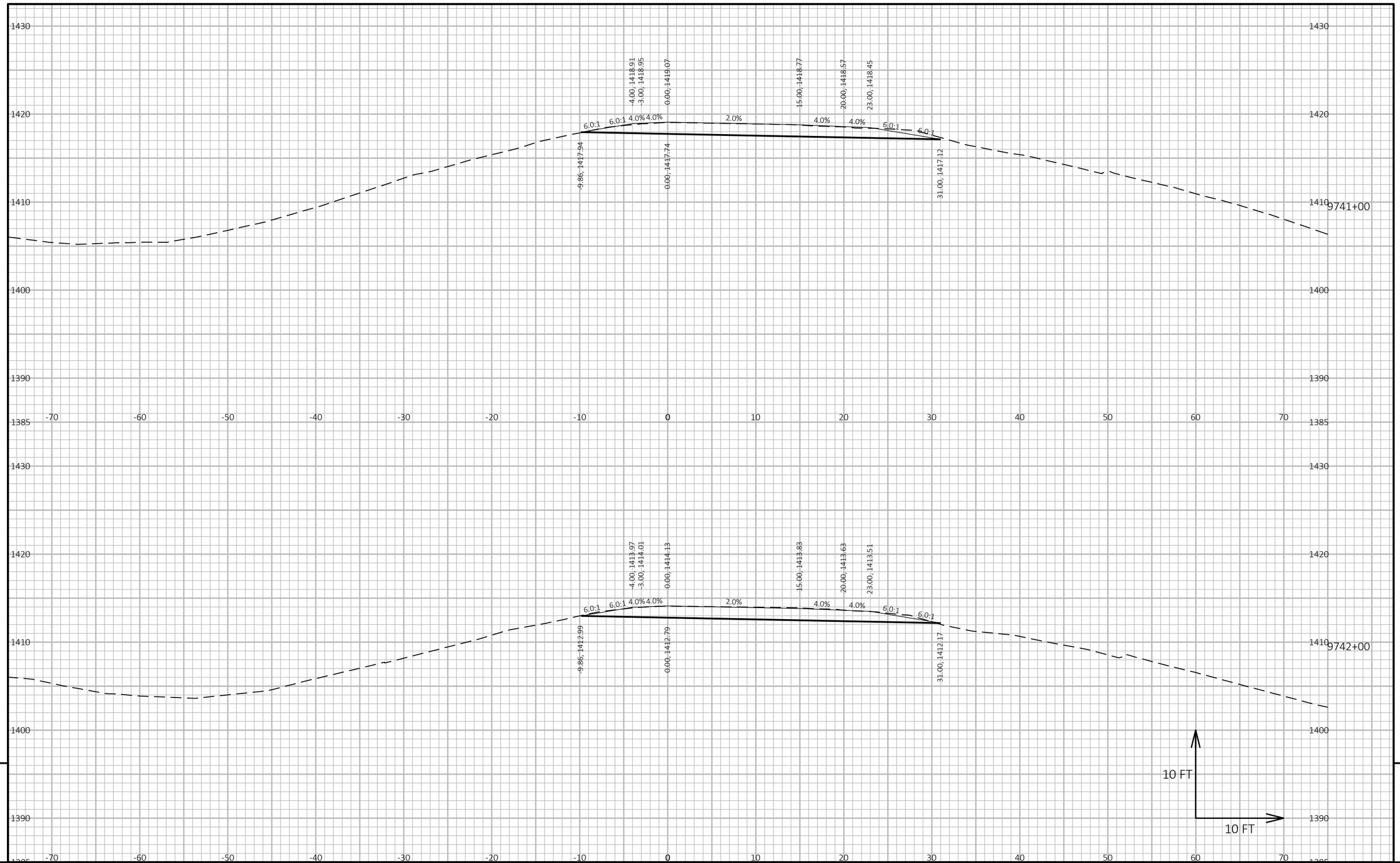
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: B RAMP	SHEET 607	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902150-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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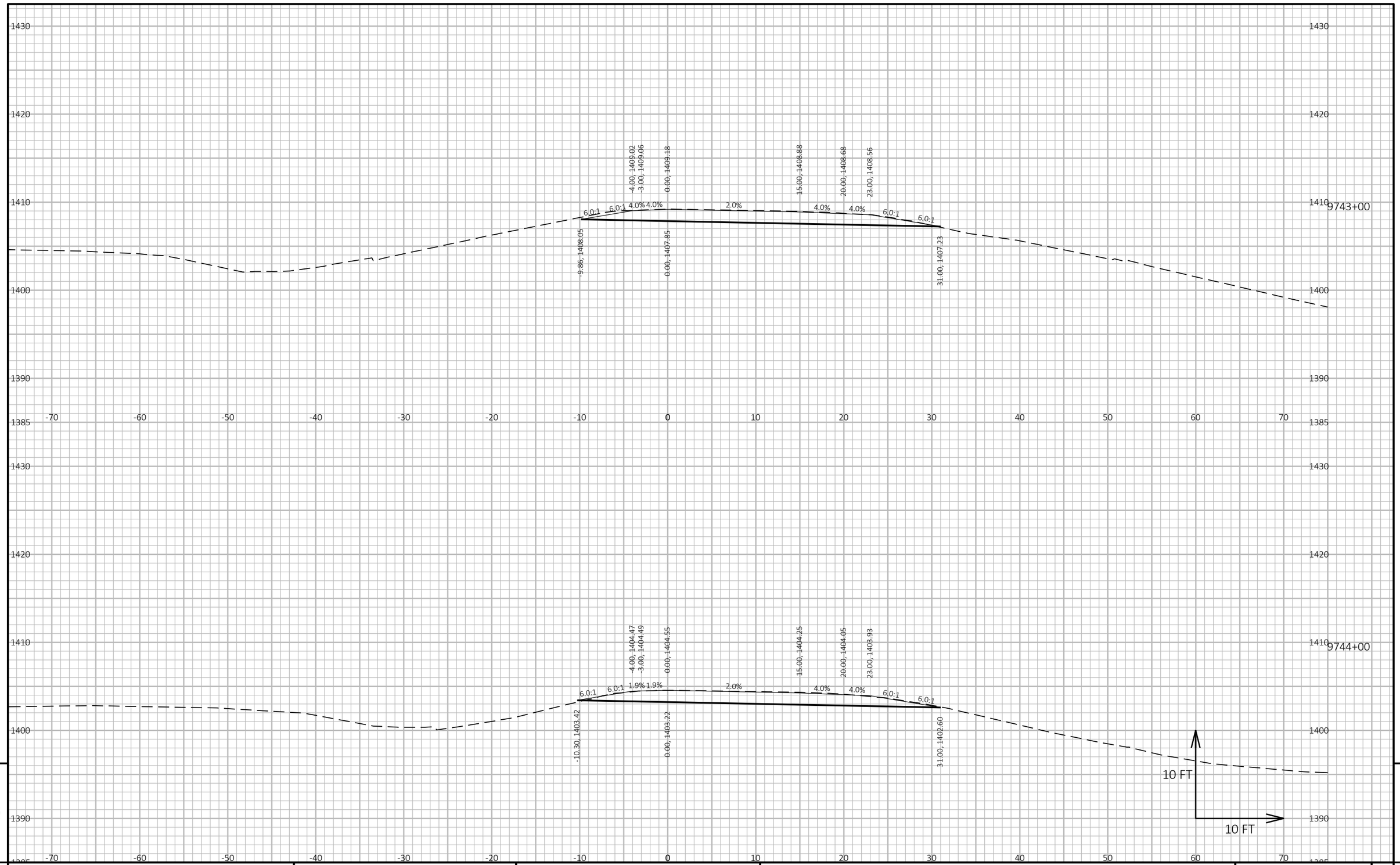
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: B RAMP	SHEET 608	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902151-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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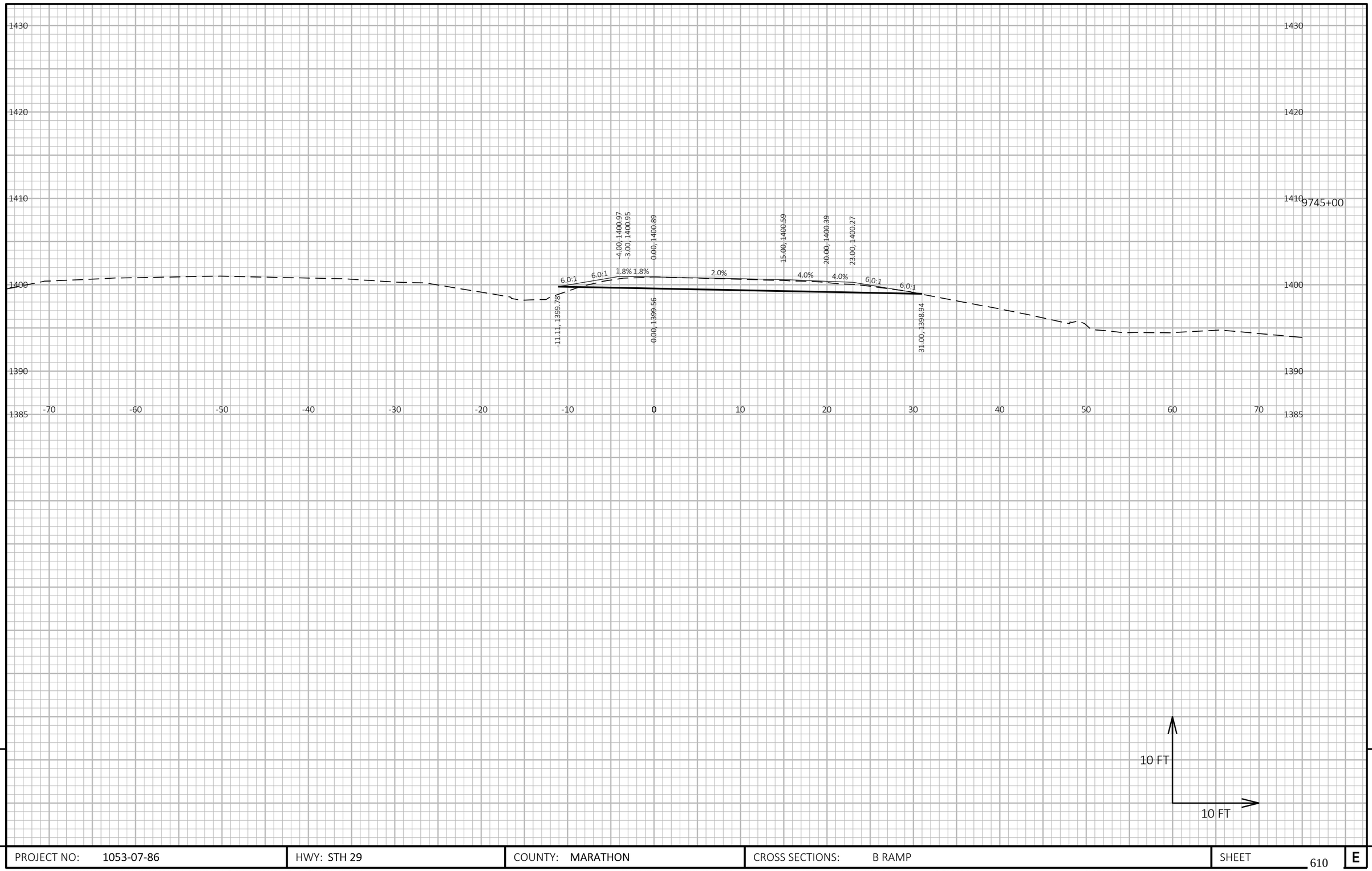
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: B RAMP	SHEET 609	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902152-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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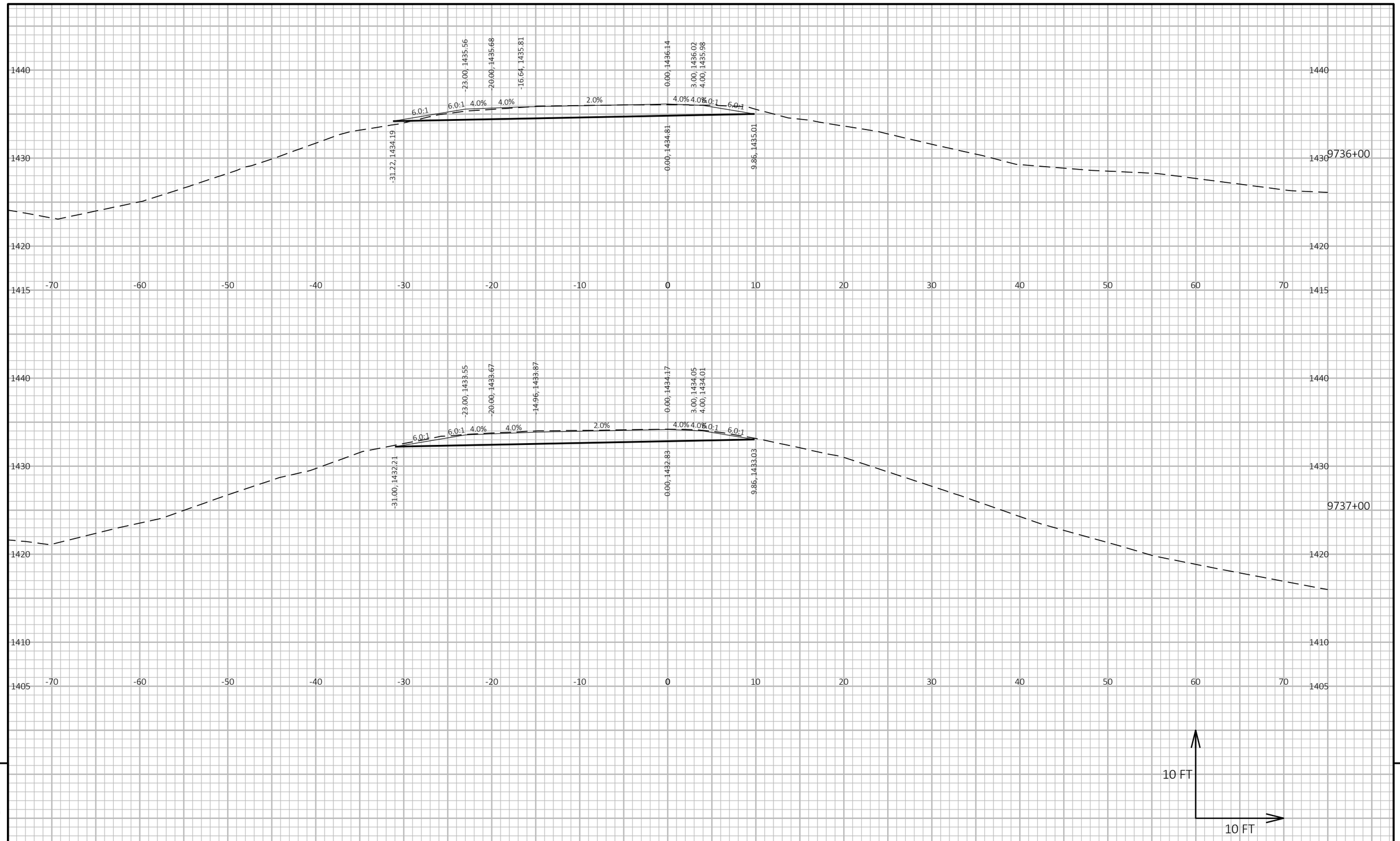
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: B RAMP	SHEET 610	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902153-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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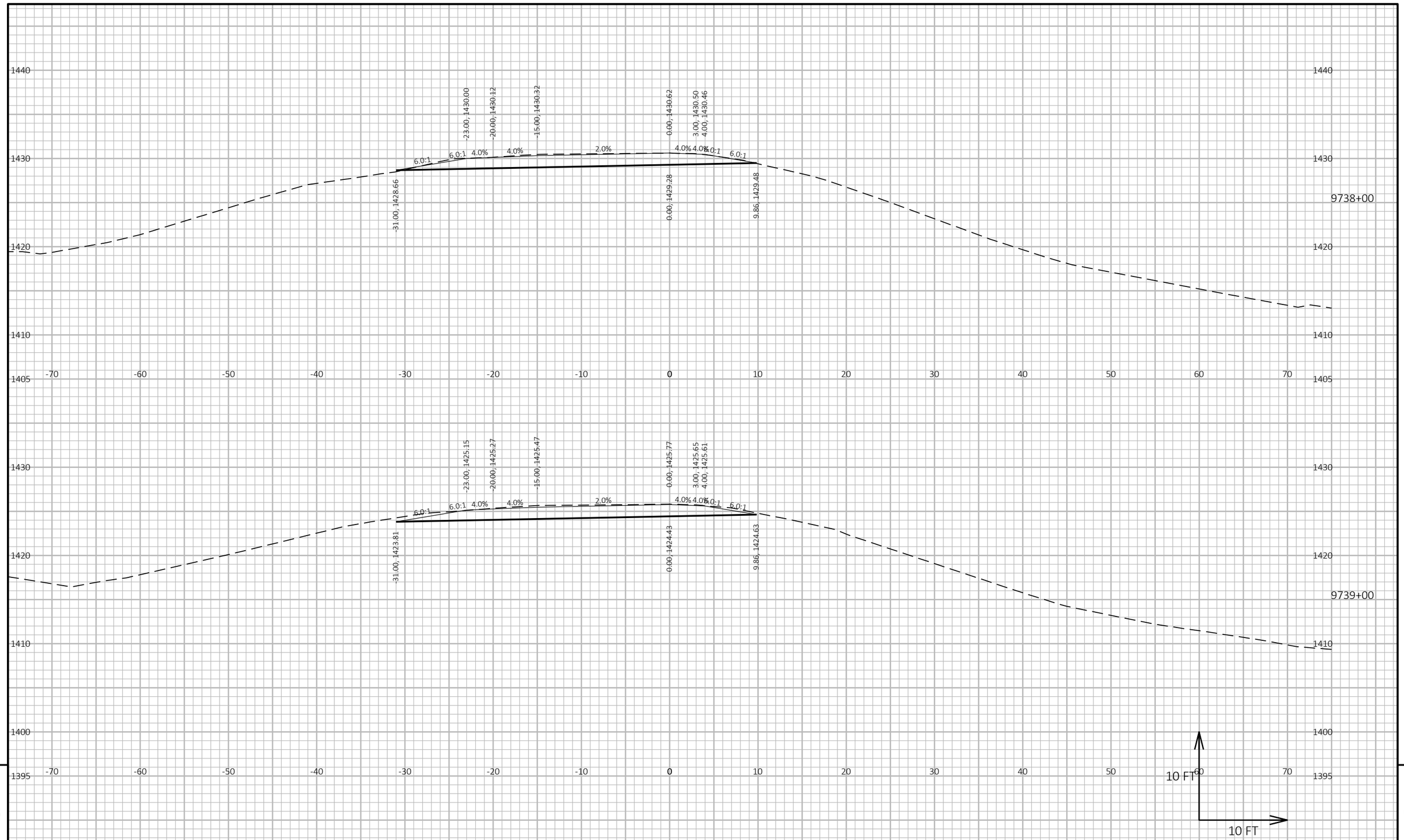
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: C RAMP	SHEET 611	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902154-xs

PLOT DATE : 6/27/2025 8:43 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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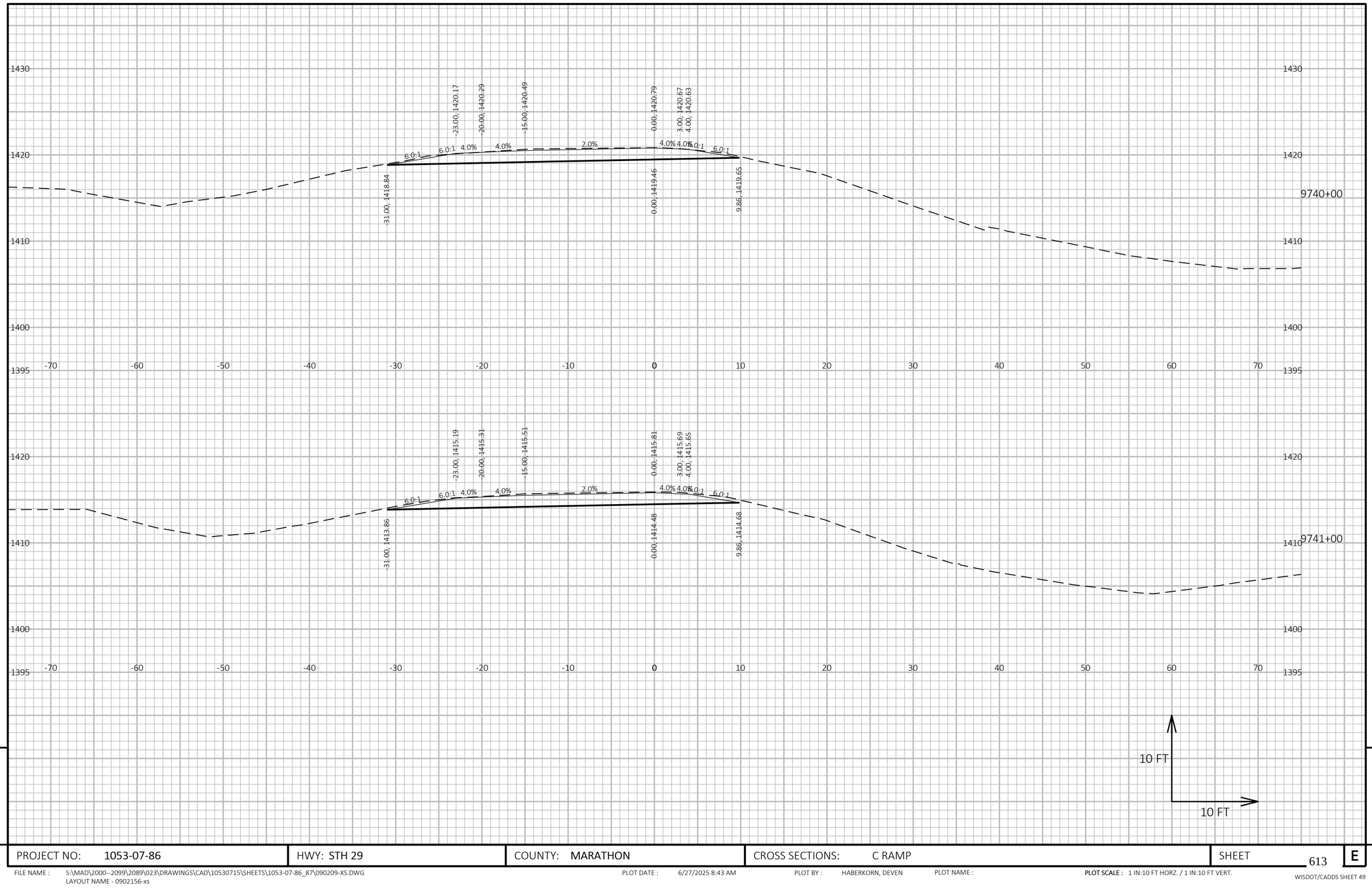
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: C RAMP	SHEET 612	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902155-xs

PLOT DATE : 6/27/2025 8:43 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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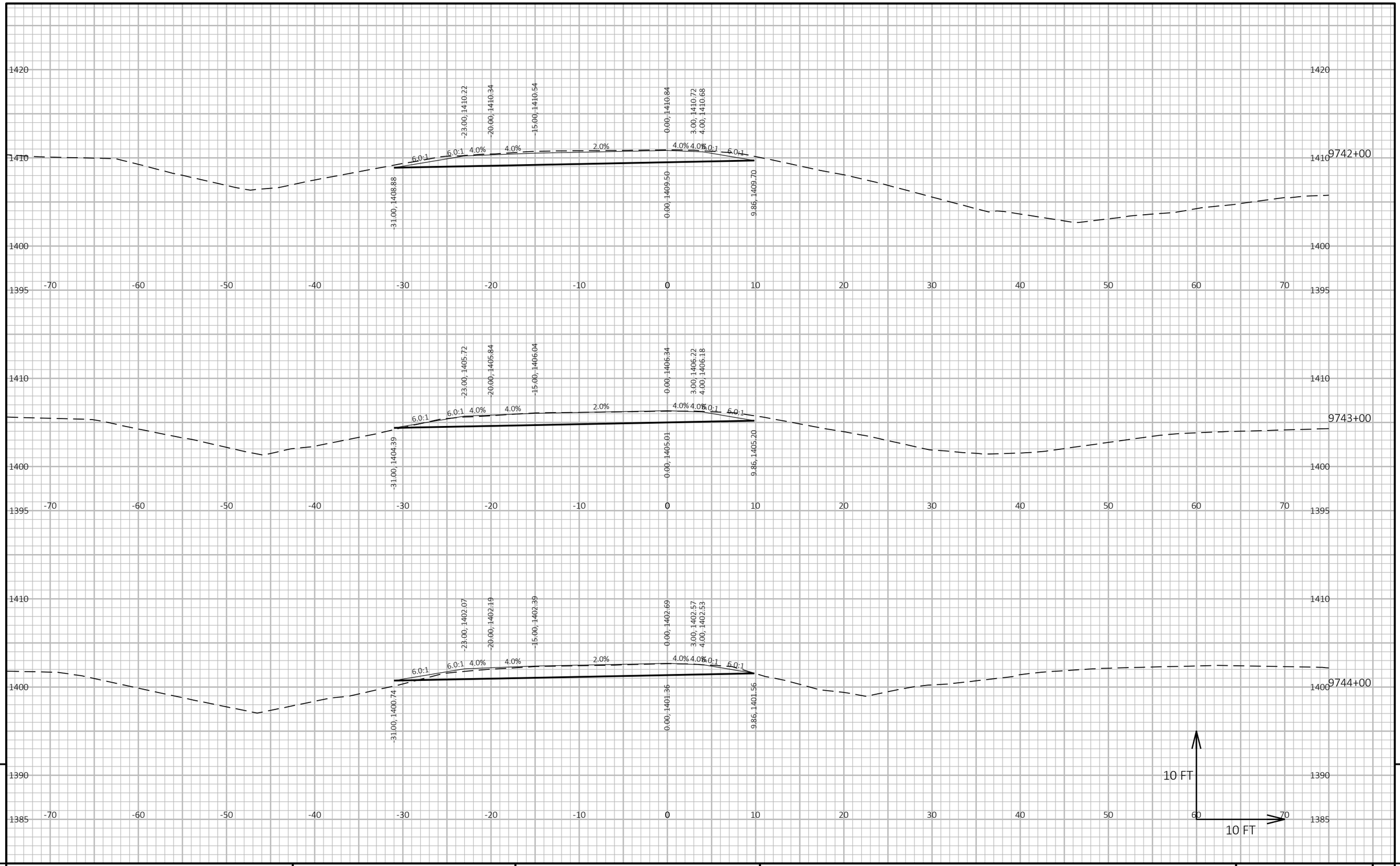
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: C RAMP	SHEET 613	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902156-xs

PLOT DATE : 6/27/2025 8:43 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



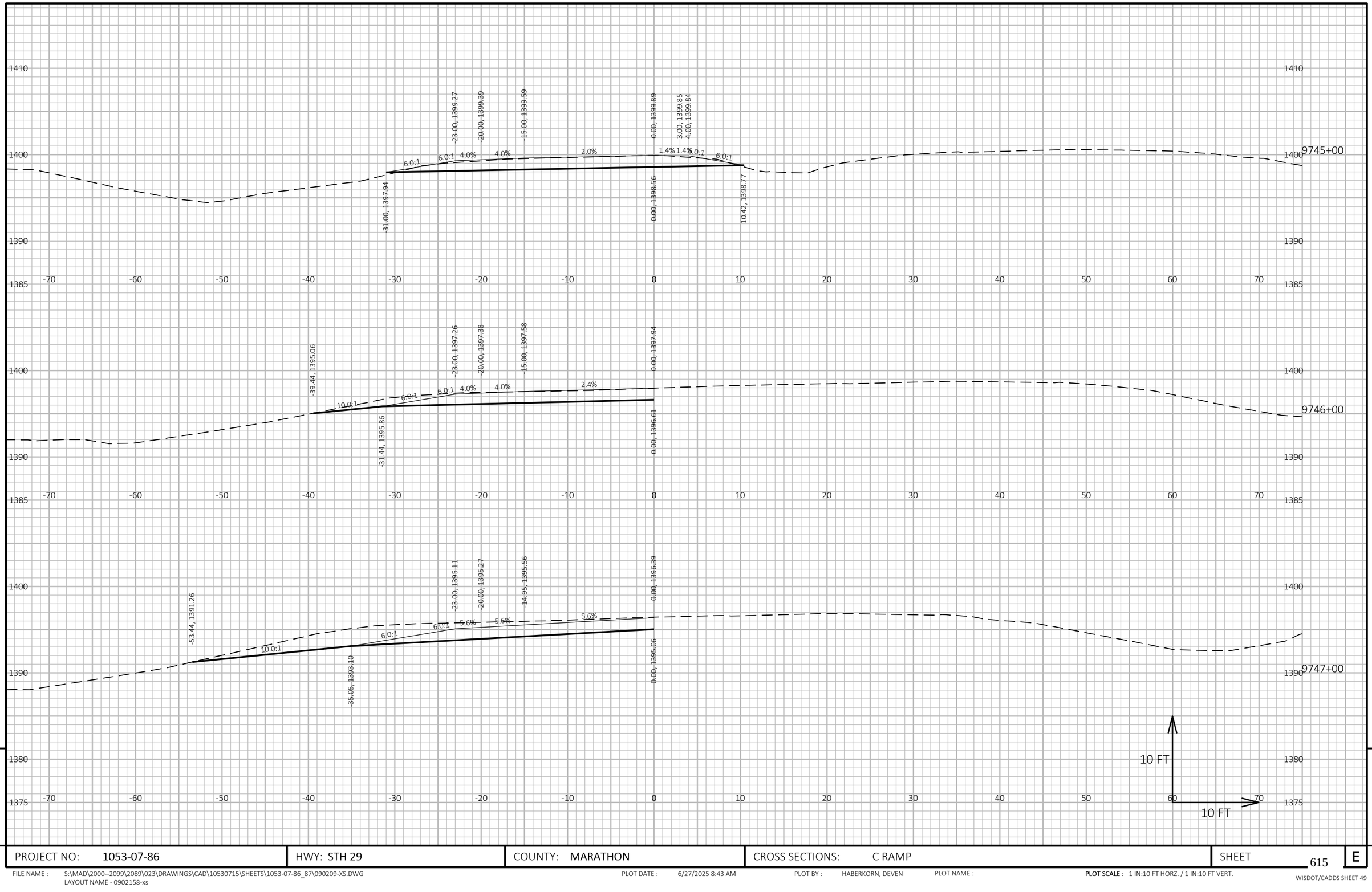
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: C RAMP	SHEET 614 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902157-xs

PLOT DATE : 6/27/2025 8:43 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9 9



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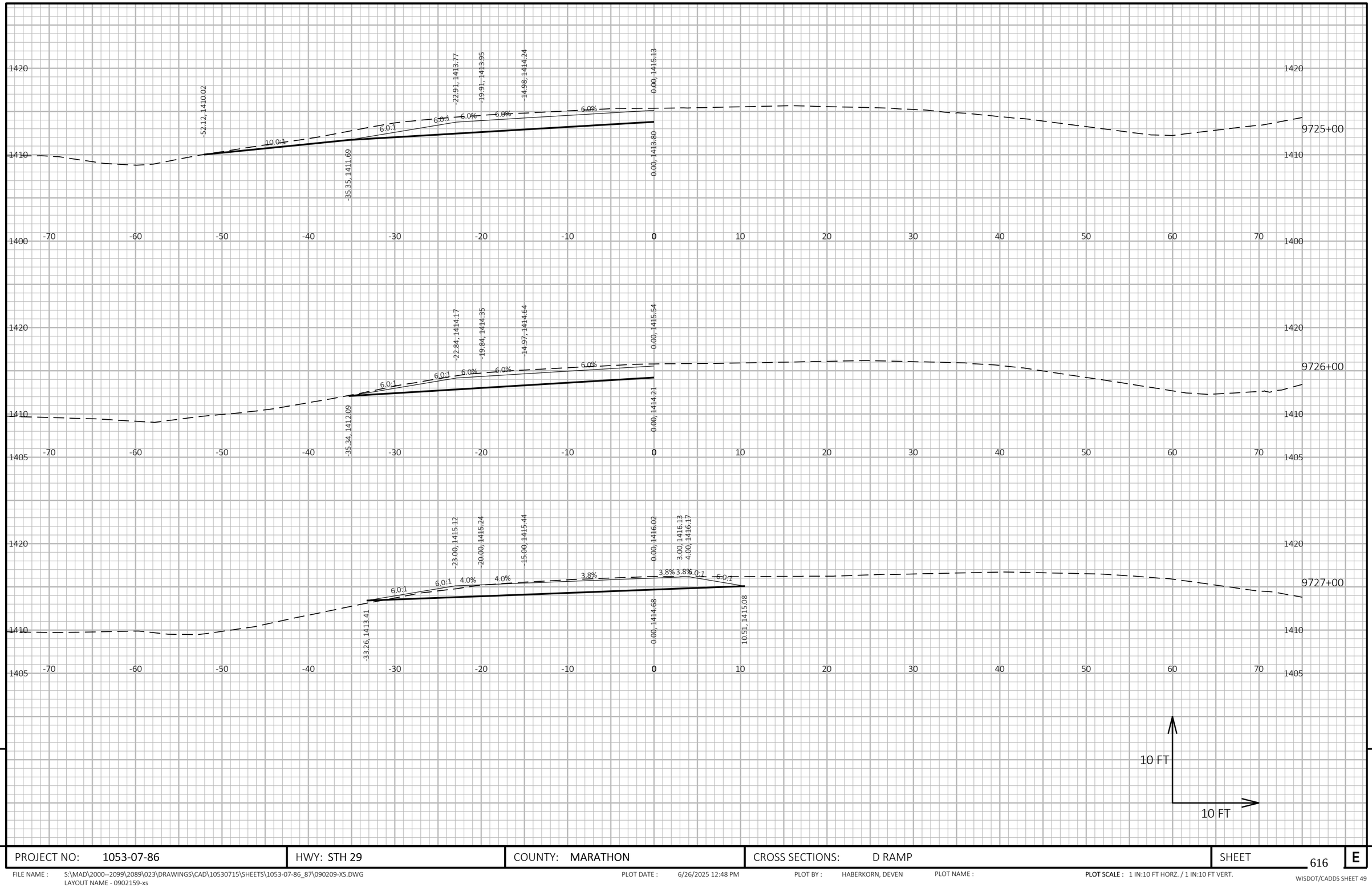
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: C RAMP	SHEET 615 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902158-xs

PLOT DATE : 6/27/2025 8:43 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

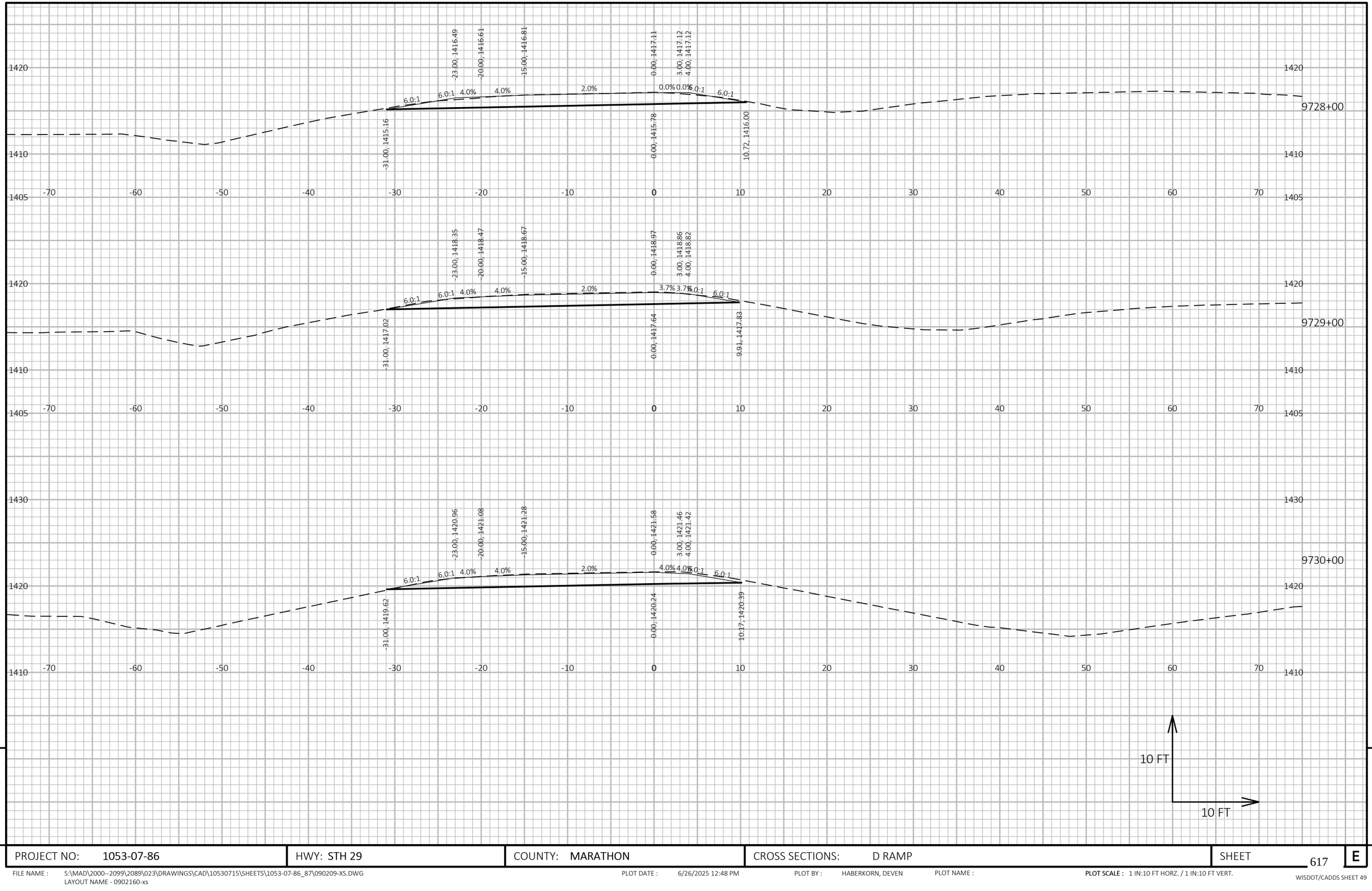


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: D RAMP	SHEET 616	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902159-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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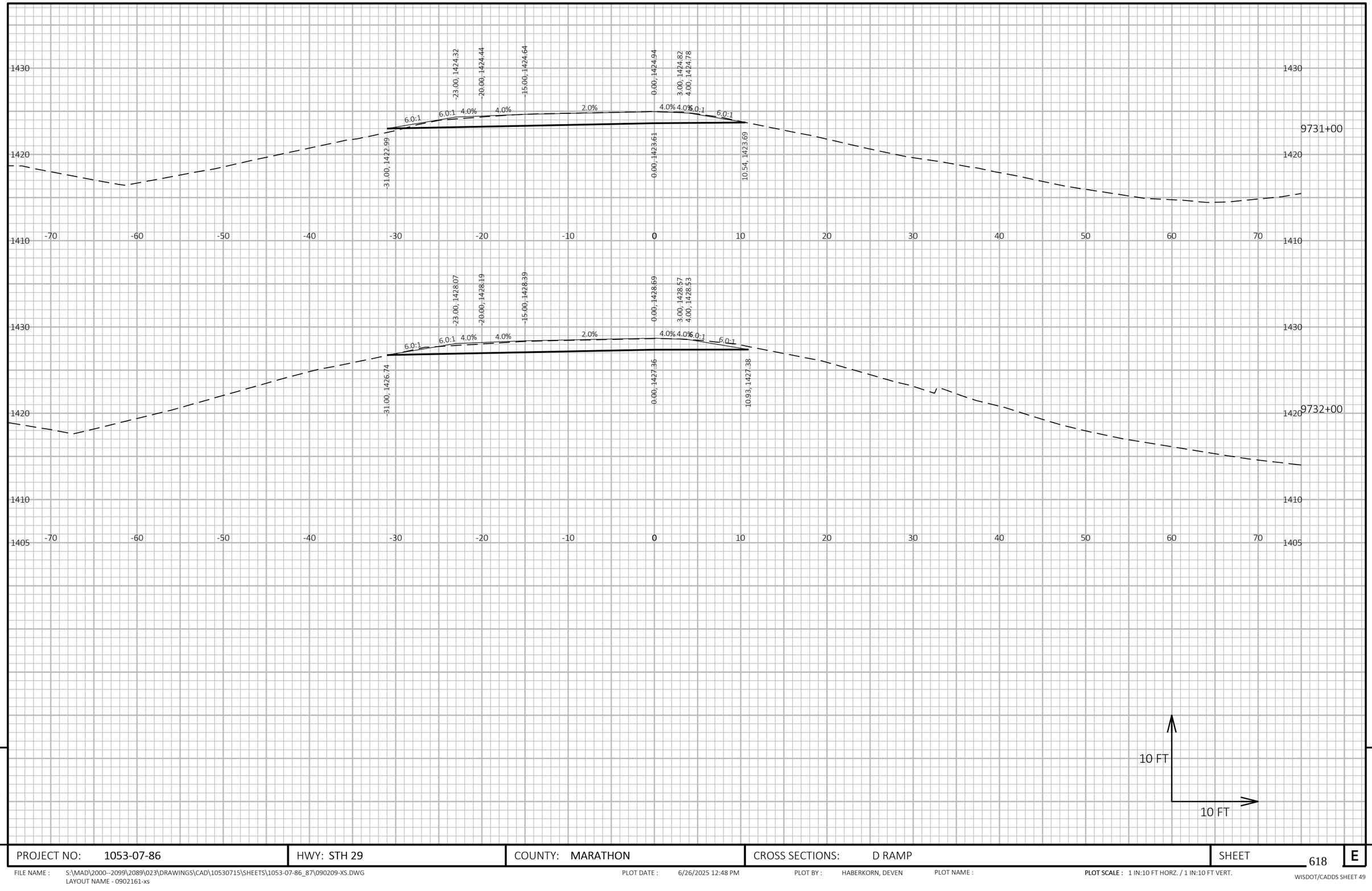
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: D RAMP	SHEET 617	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902160-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

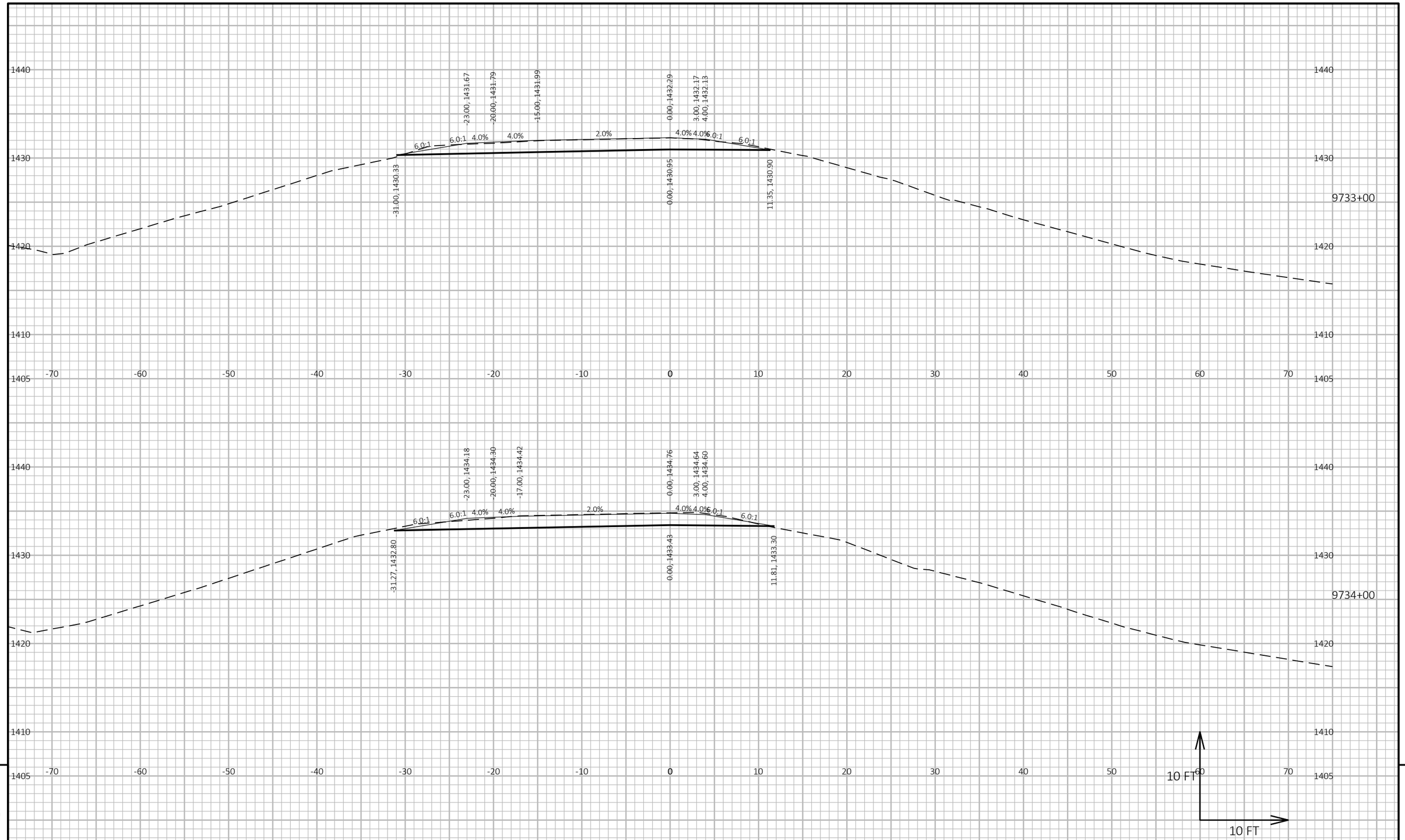


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: D RAMP	SHEET 618	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902161-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

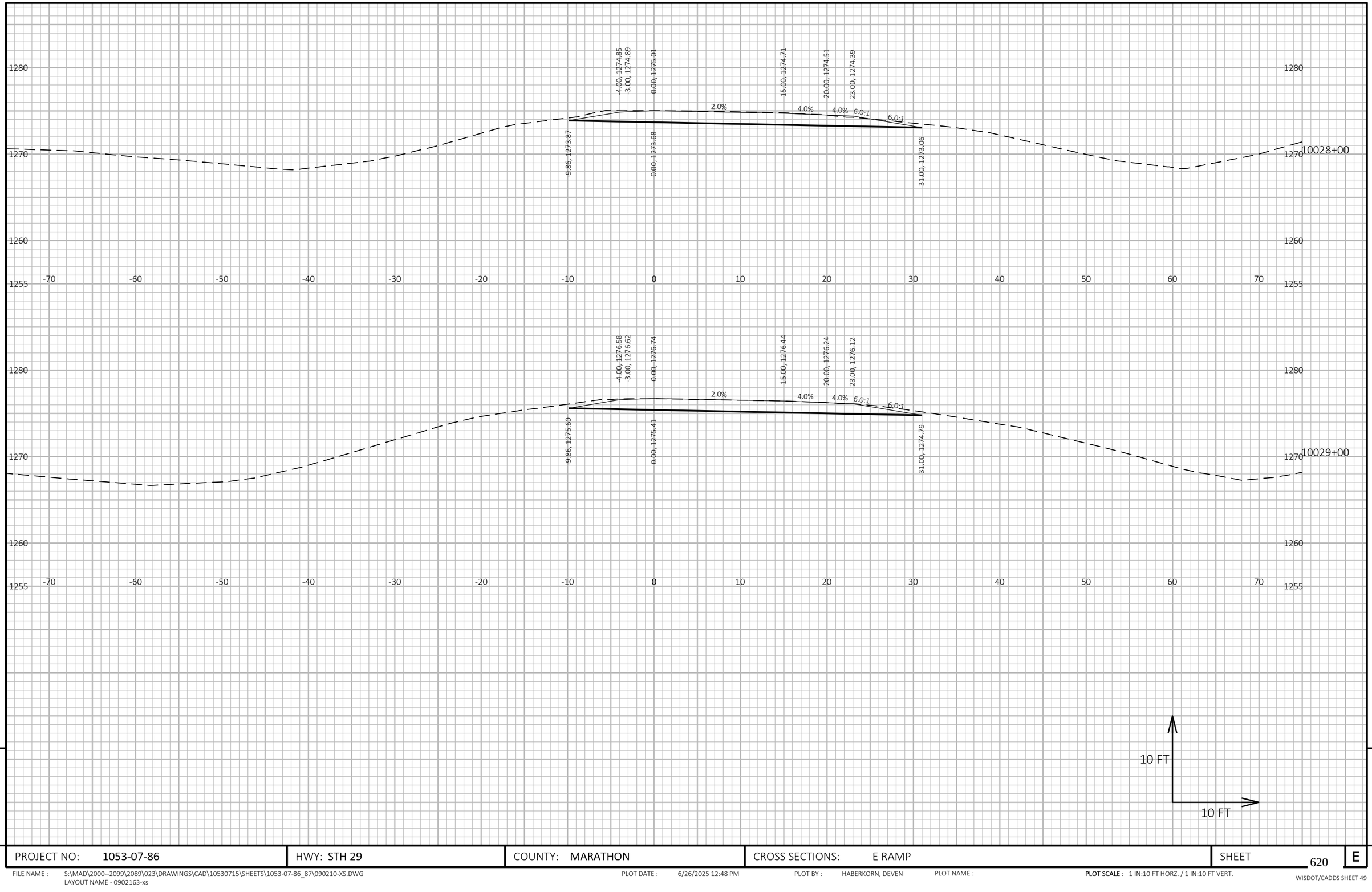


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: D RAMP	SHEET 619	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090209-XS.DWG
LAYOUT NAME - 0902162-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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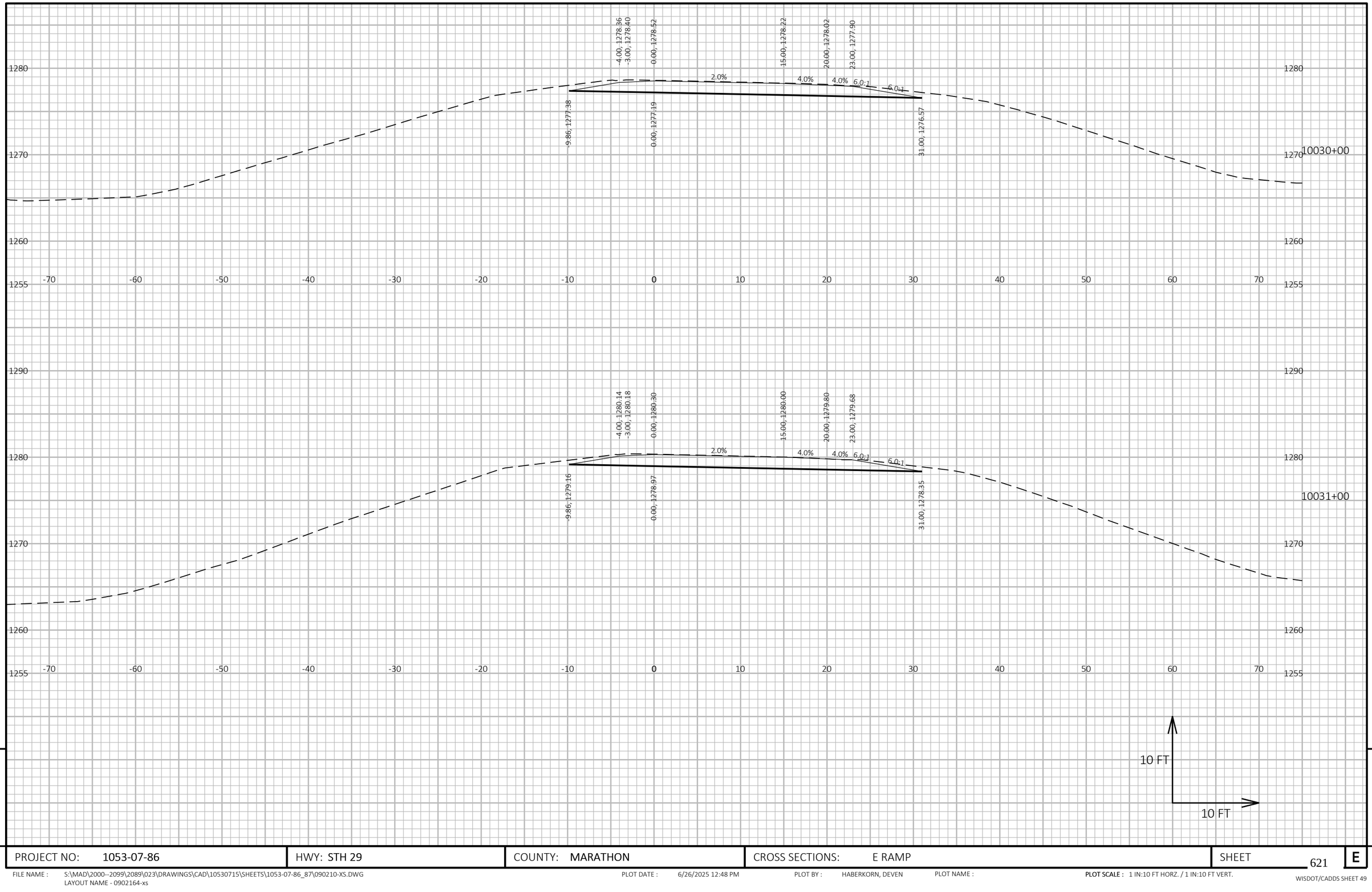
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: E RAMP	SHEET 620	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902163-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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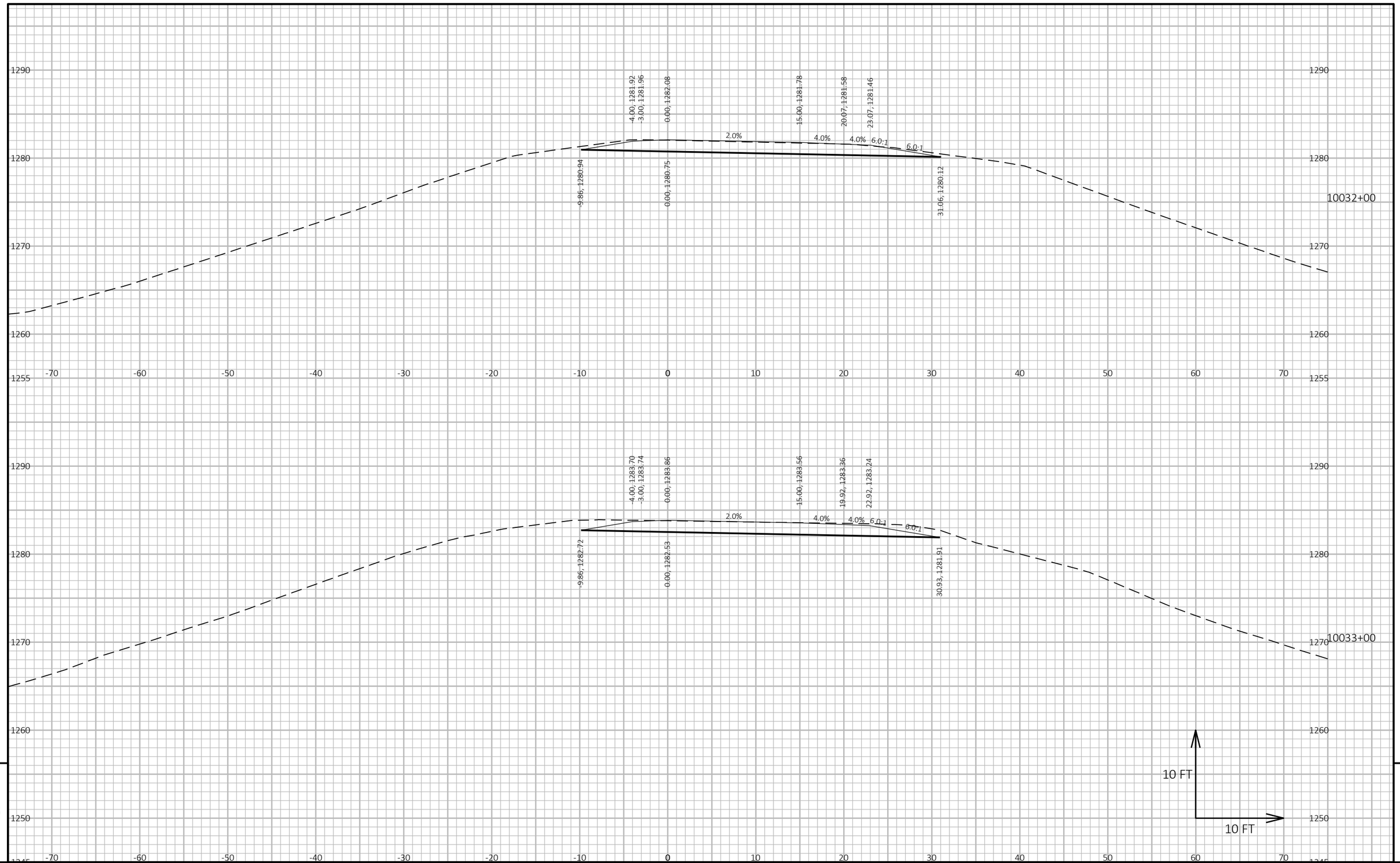
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: E RAMP	SHEET 621	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902164-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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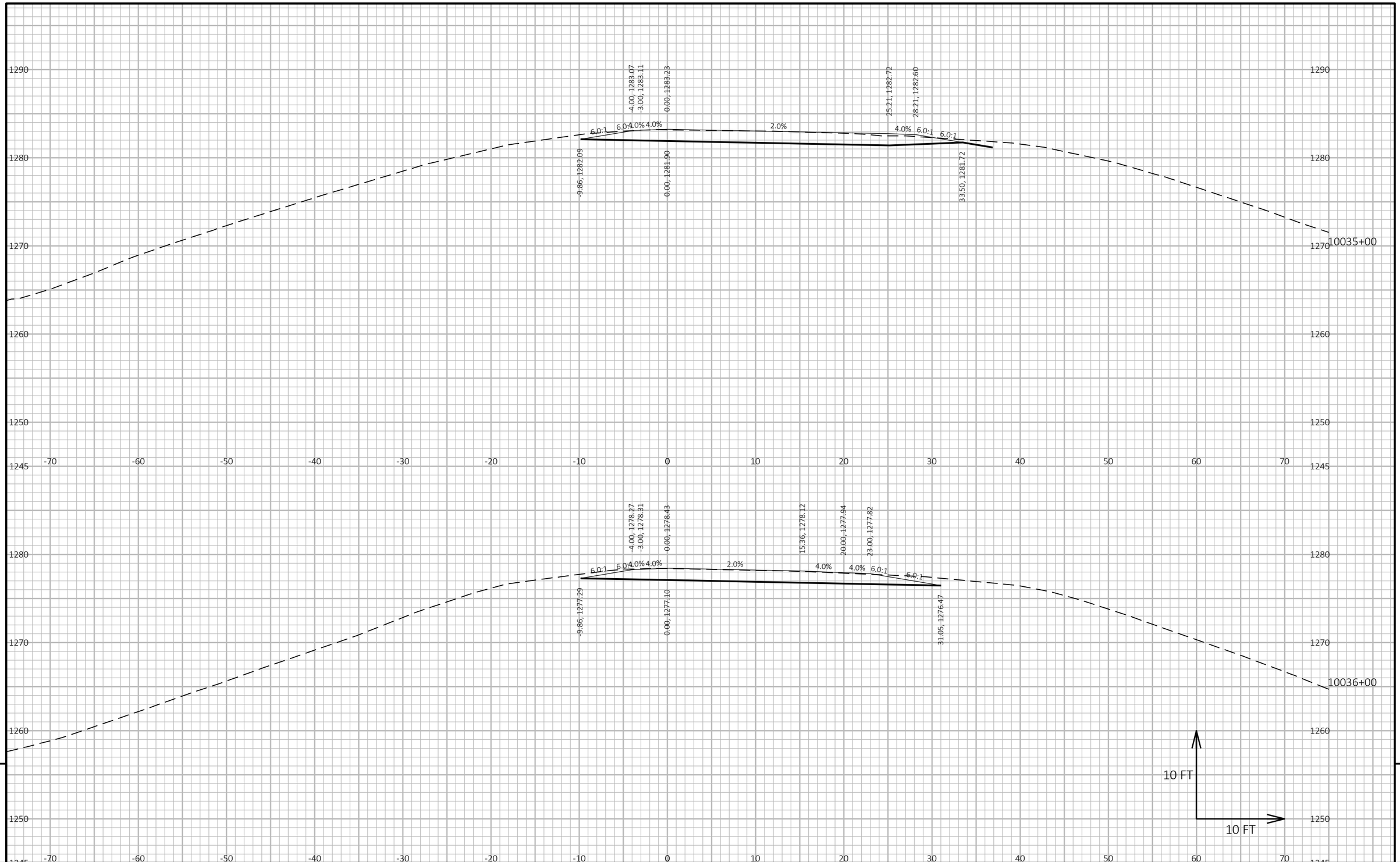
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: E RAMP	SHEET 622	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902165-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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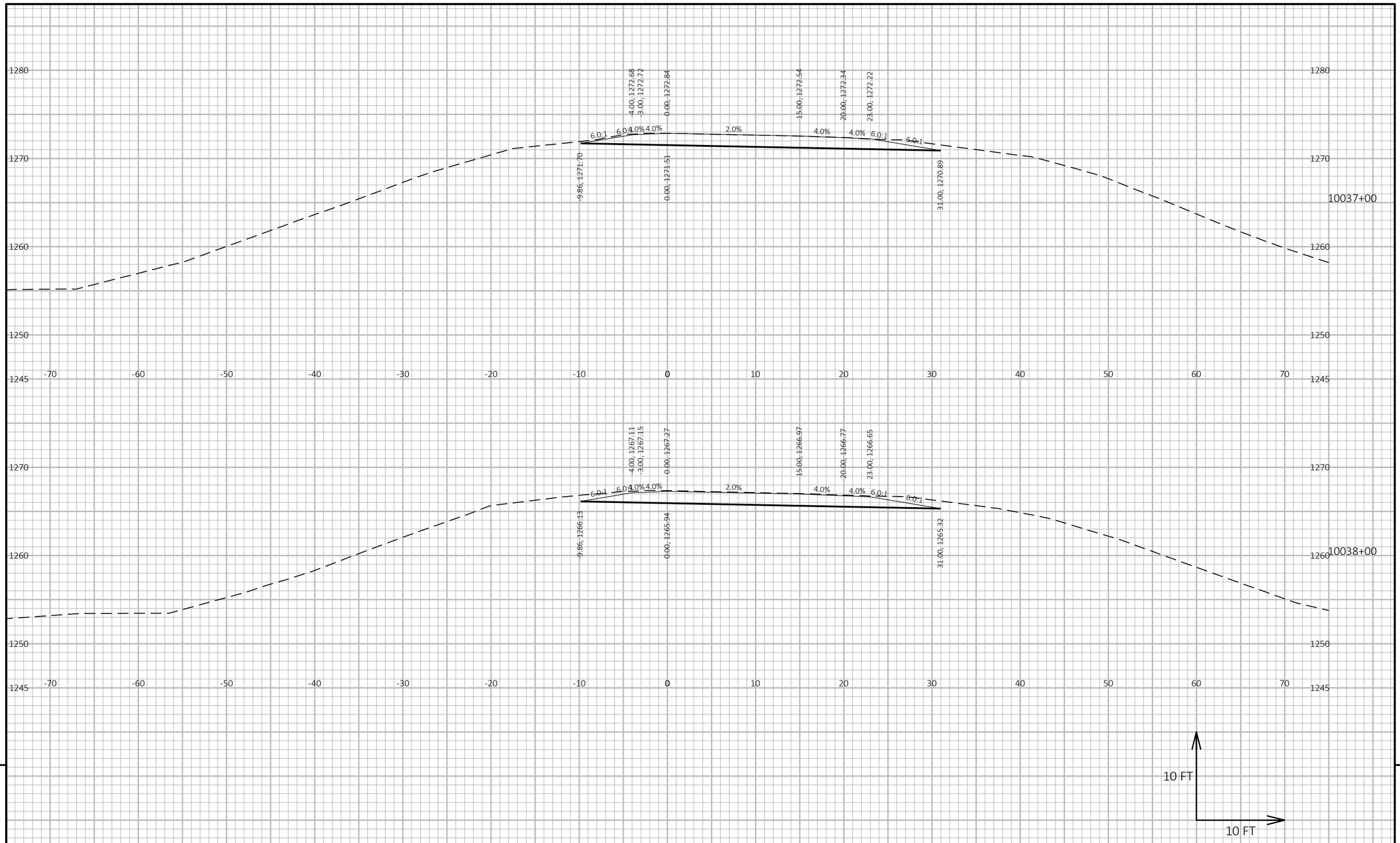
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: F RAMP	SHEET 623	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902167-xs

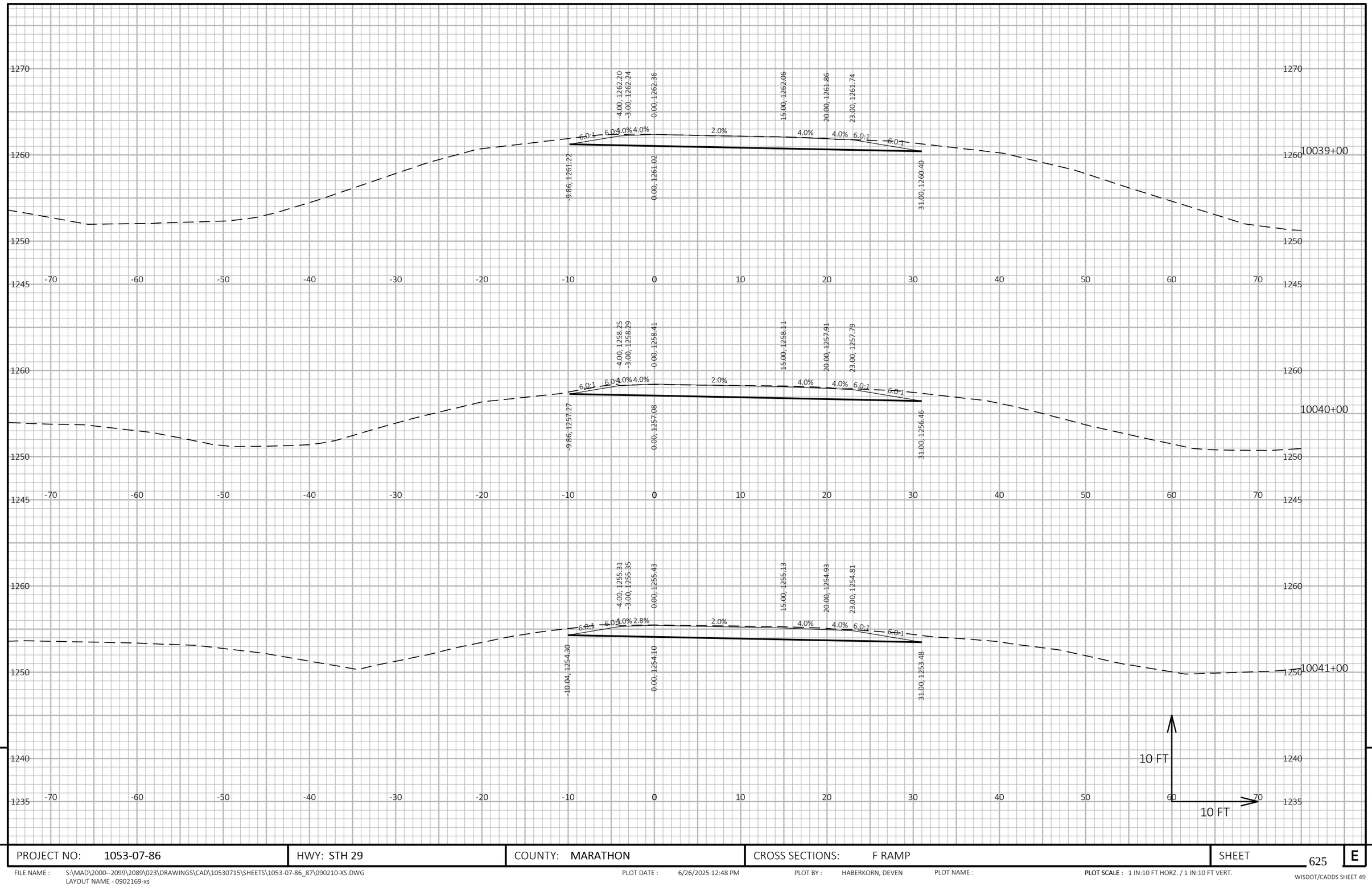
PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: F RAMP	SHEET 624	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902168-xs
PLOT DATE : 6/26/2025 12:48 PM
PLOT BY : HABERKORN, DEVEN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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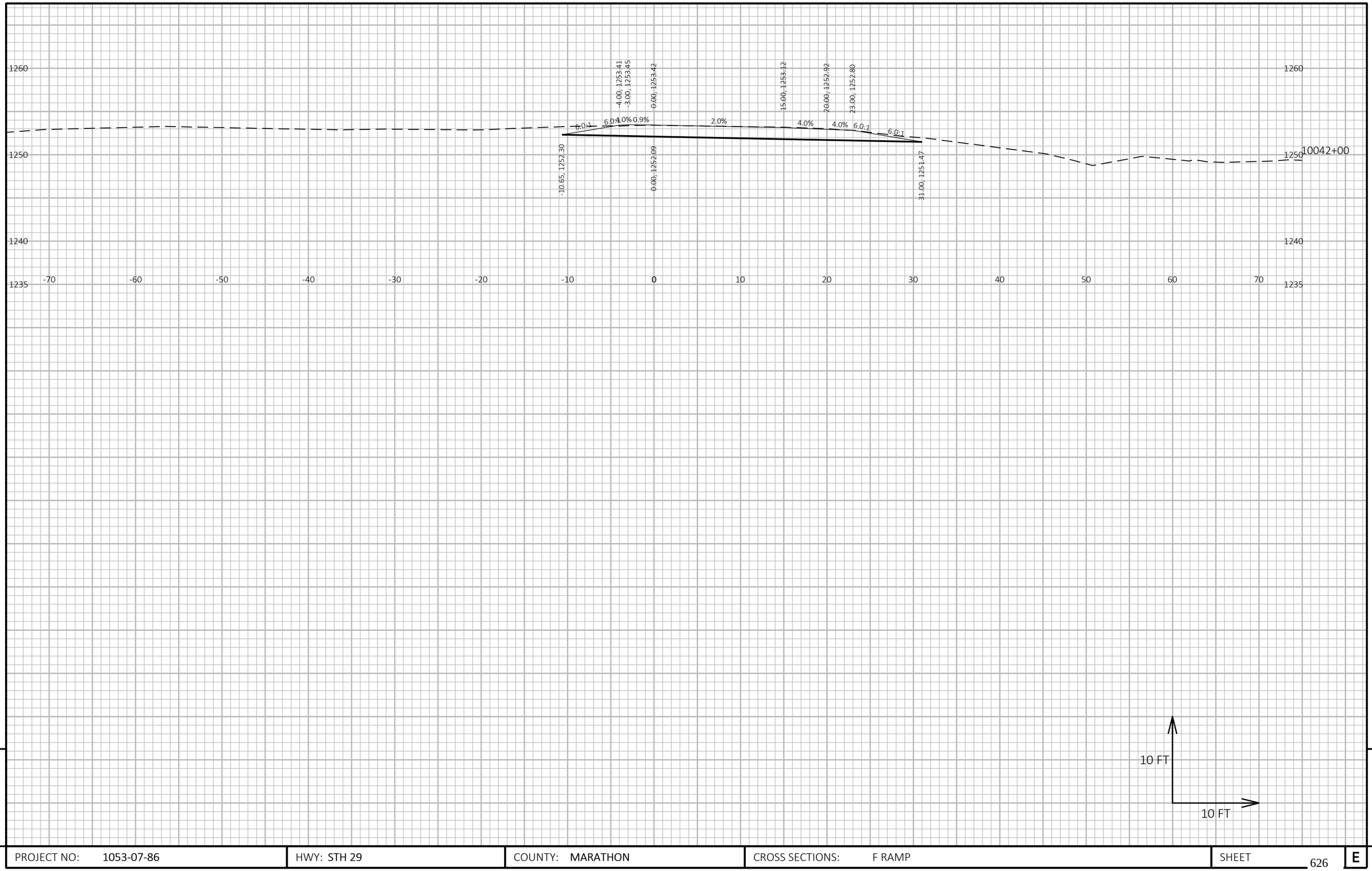
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: F RAMP	SHEET 625	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902169-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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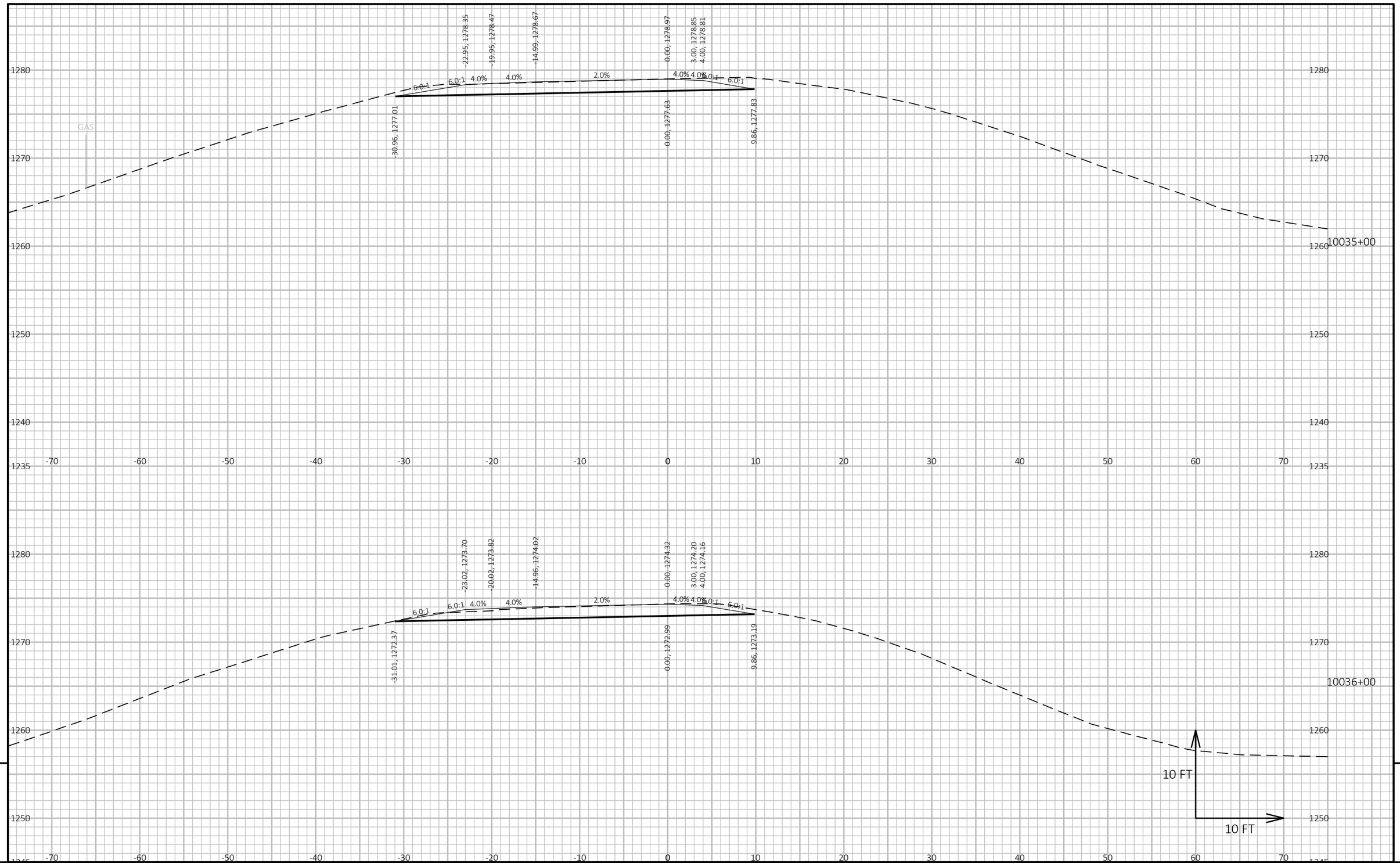
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: F RAMP	SHEET 626	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902170-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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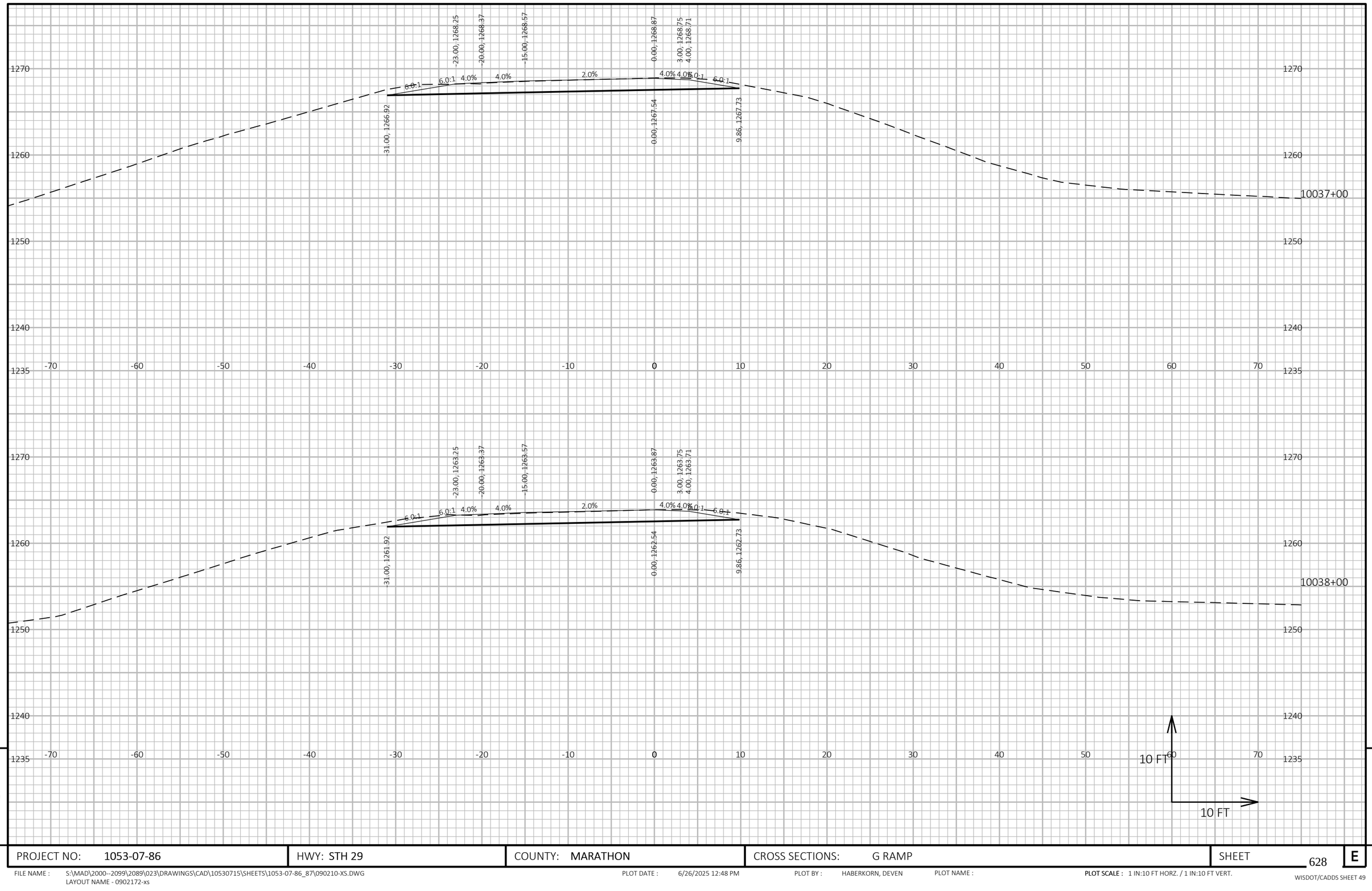
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: G RAMP	SHEET 627	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902171-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

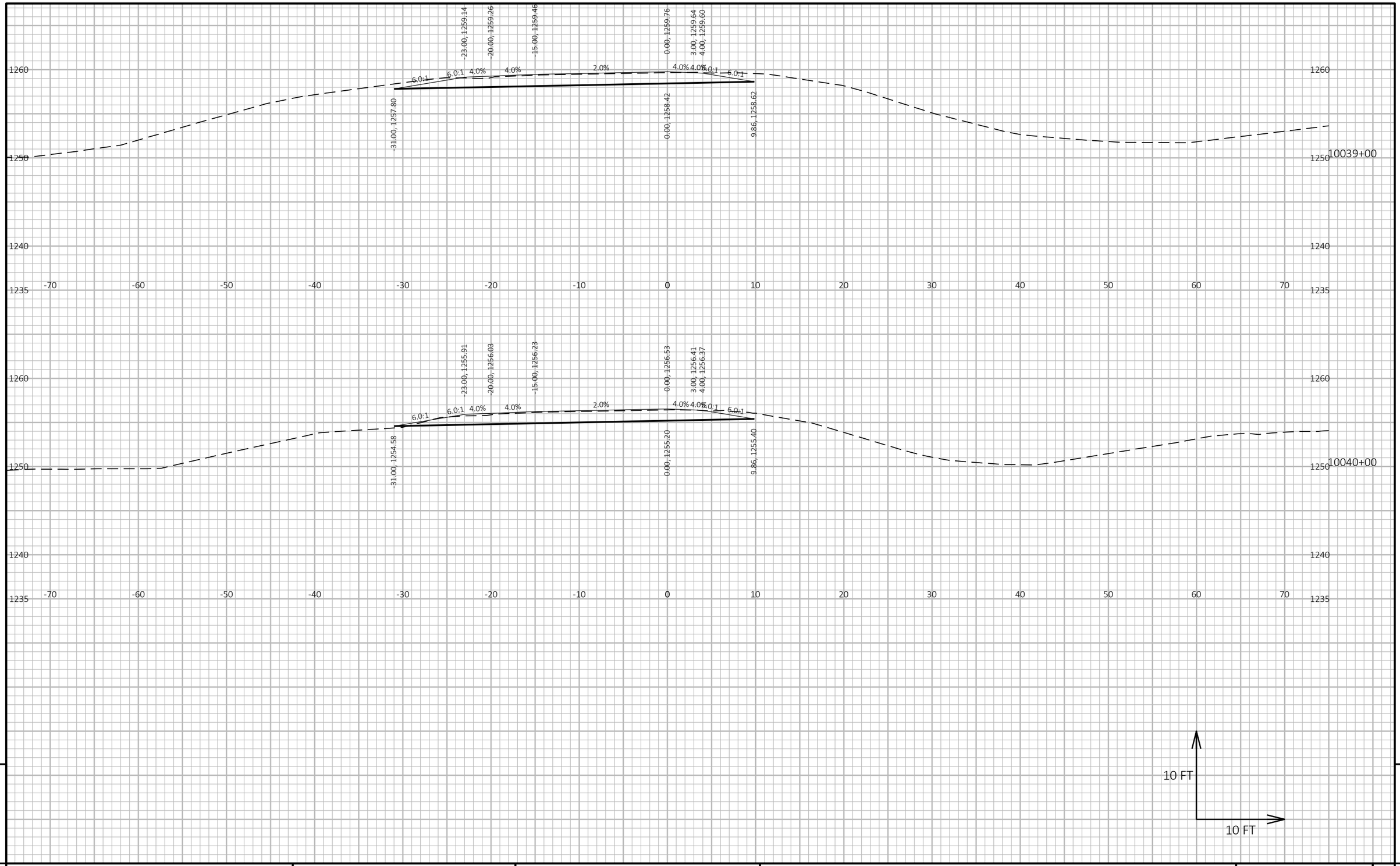


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: G RAMP	SHEET 628	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902172-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

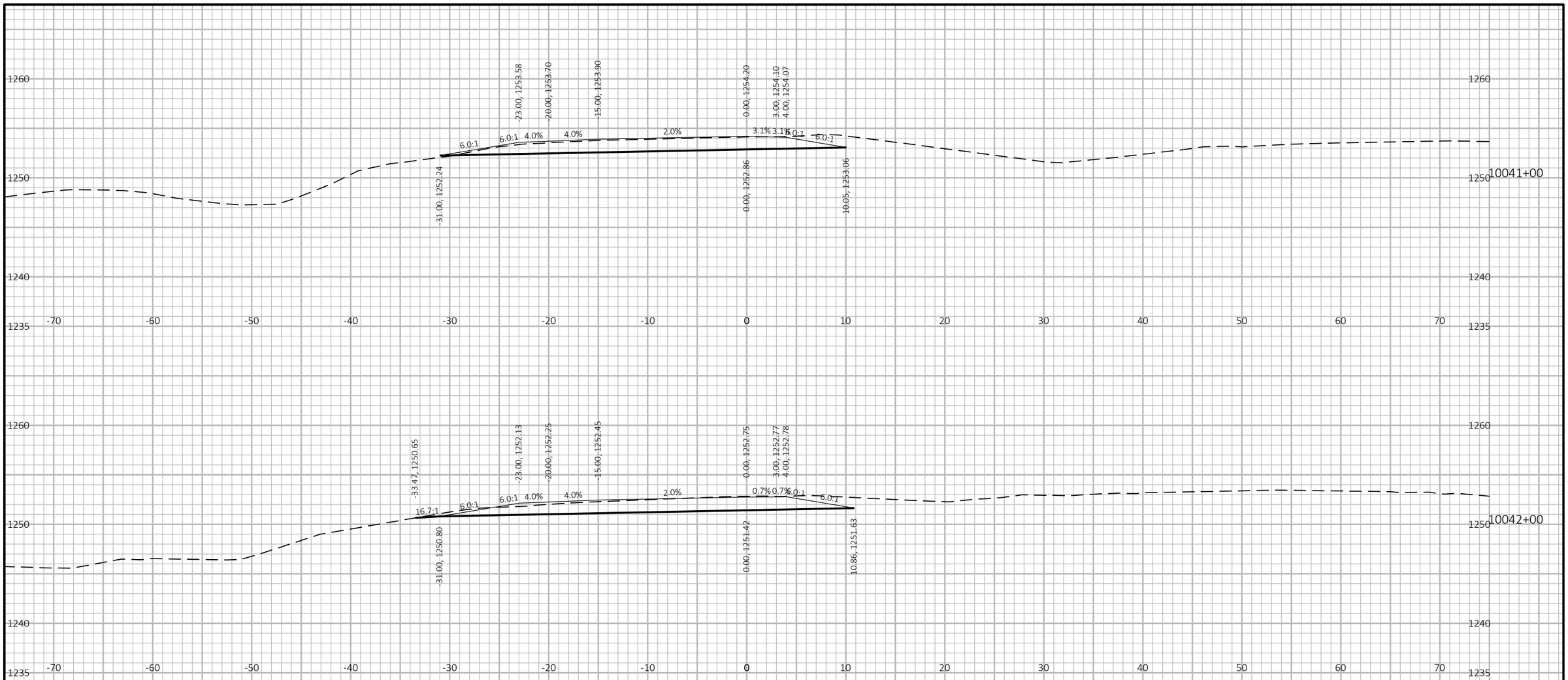


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: G RAMP	SHEET 629	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902173-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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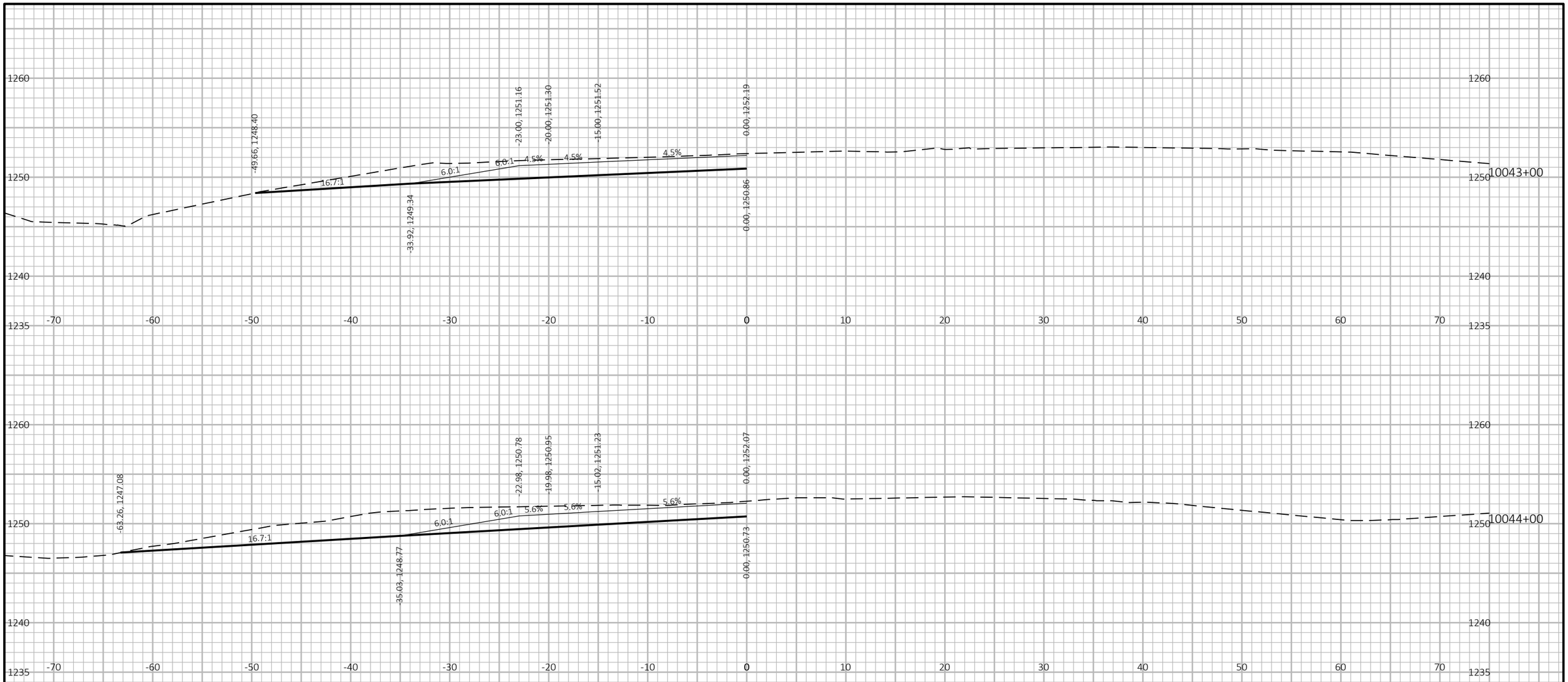
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: G RAMP	SHEET 630	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902174-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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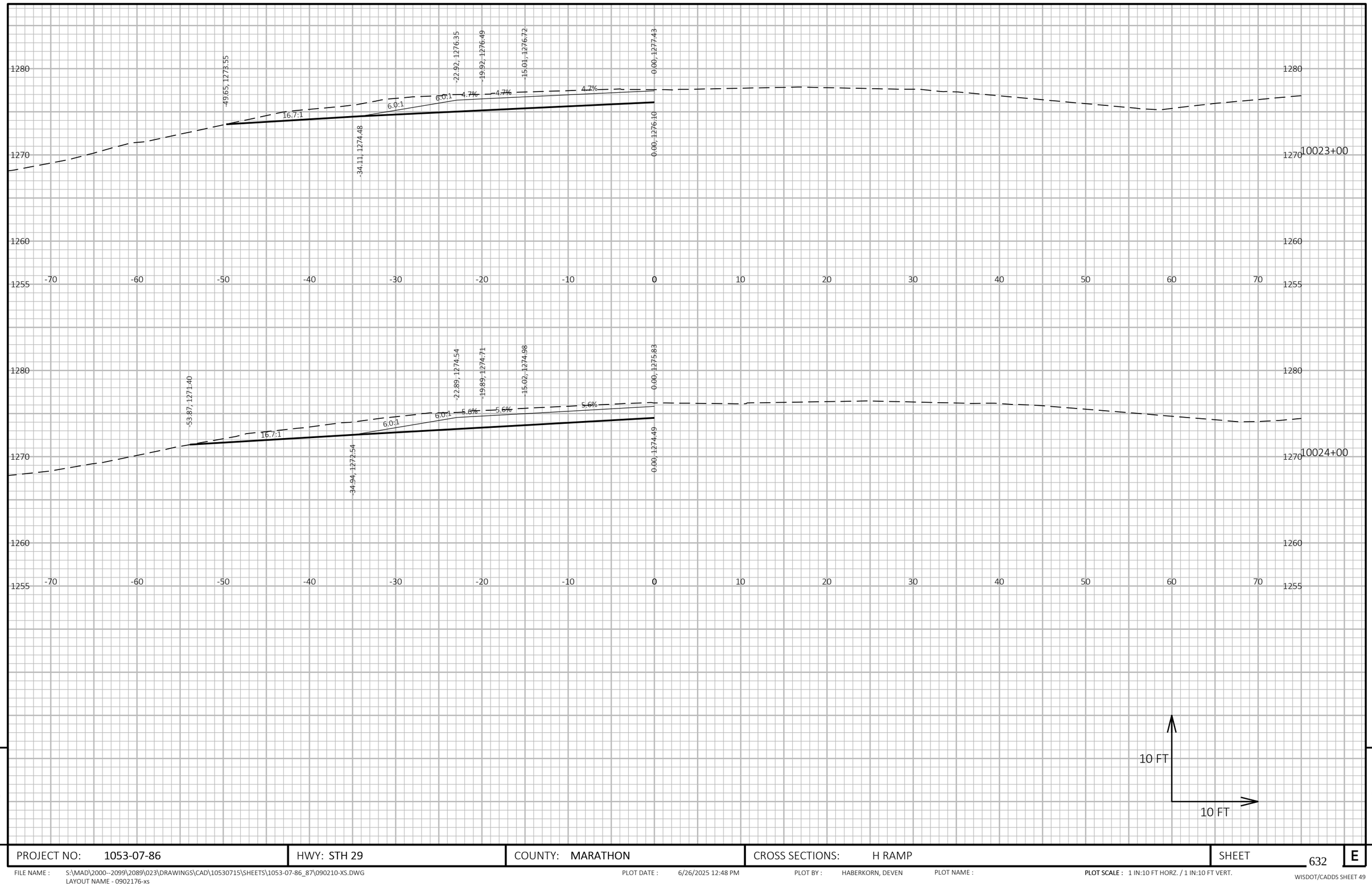
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: G RAMP	SHEET 631	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902175-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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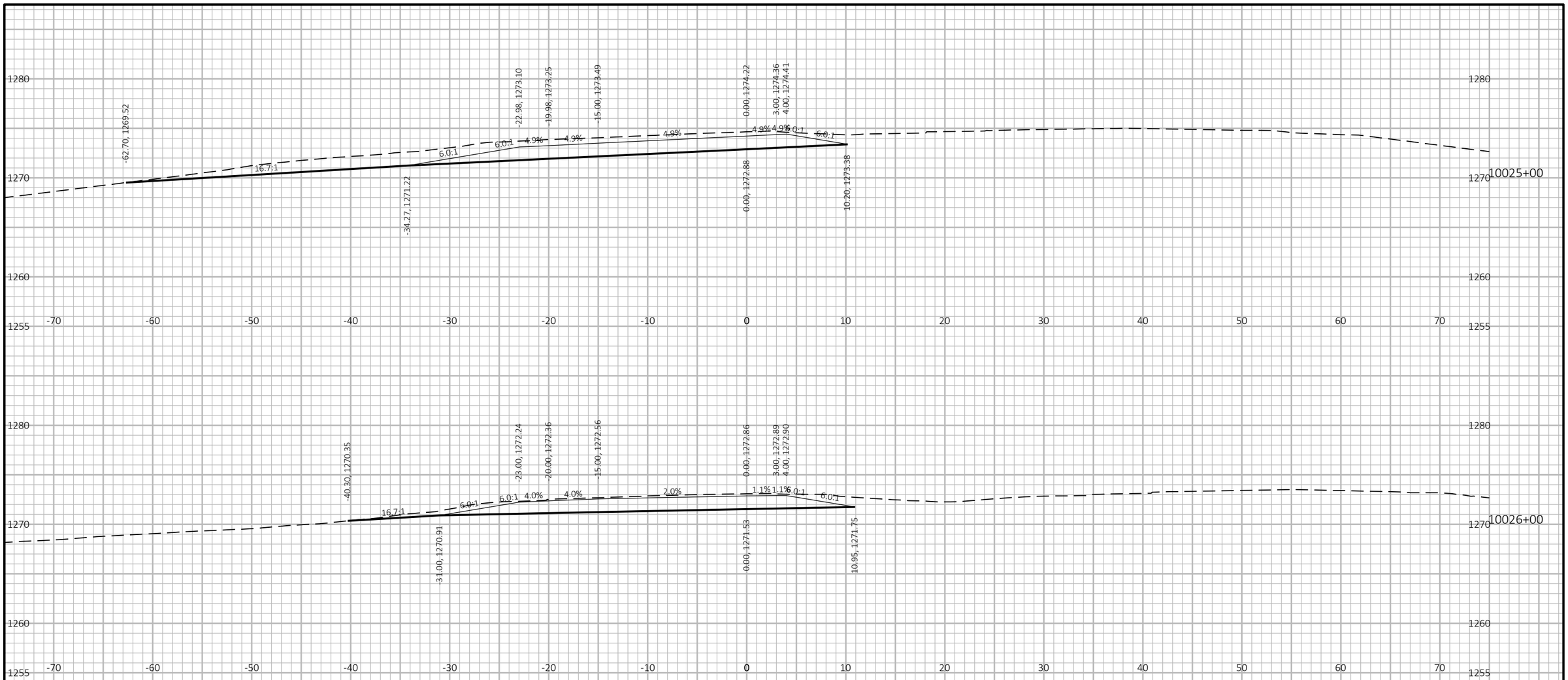
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: H RAMP	SHEET 632	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902176-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

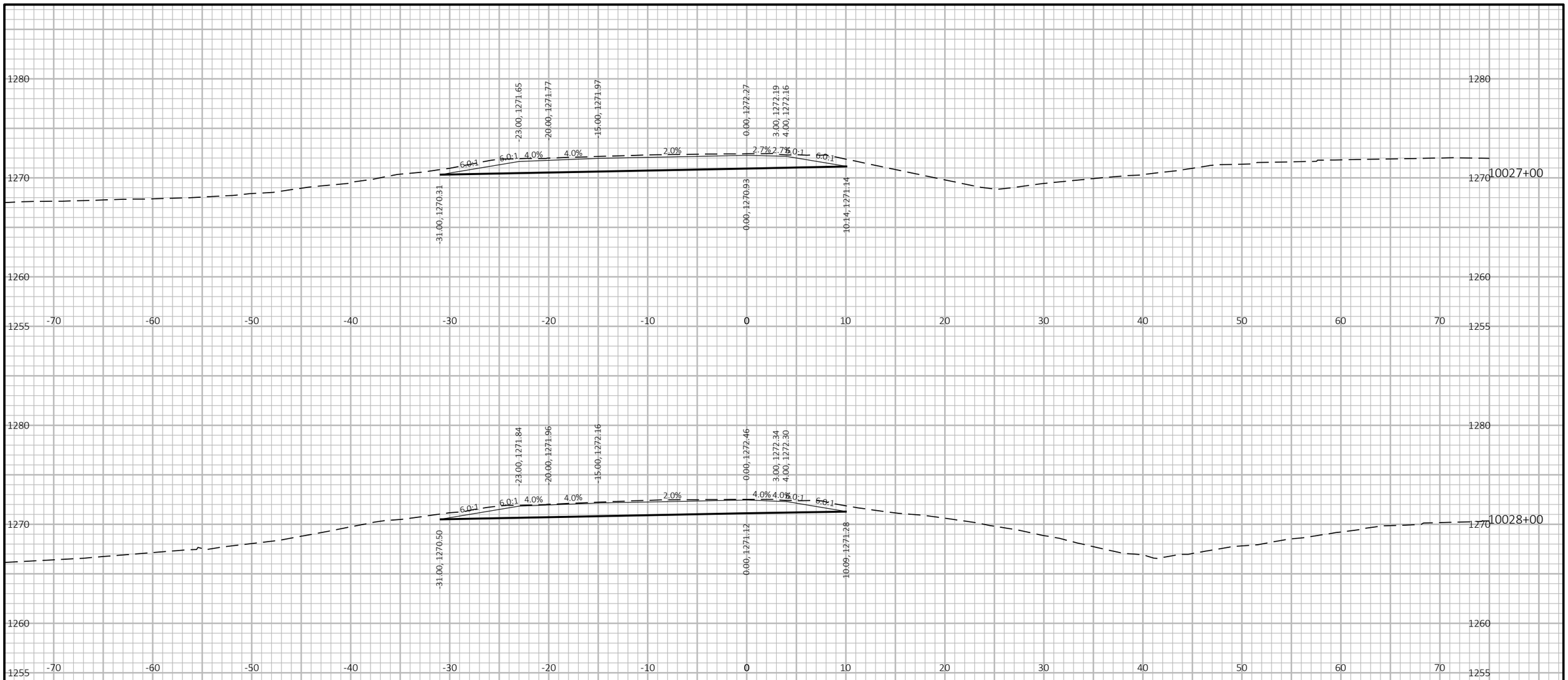


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: H RAMP	SHEET 633	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902177-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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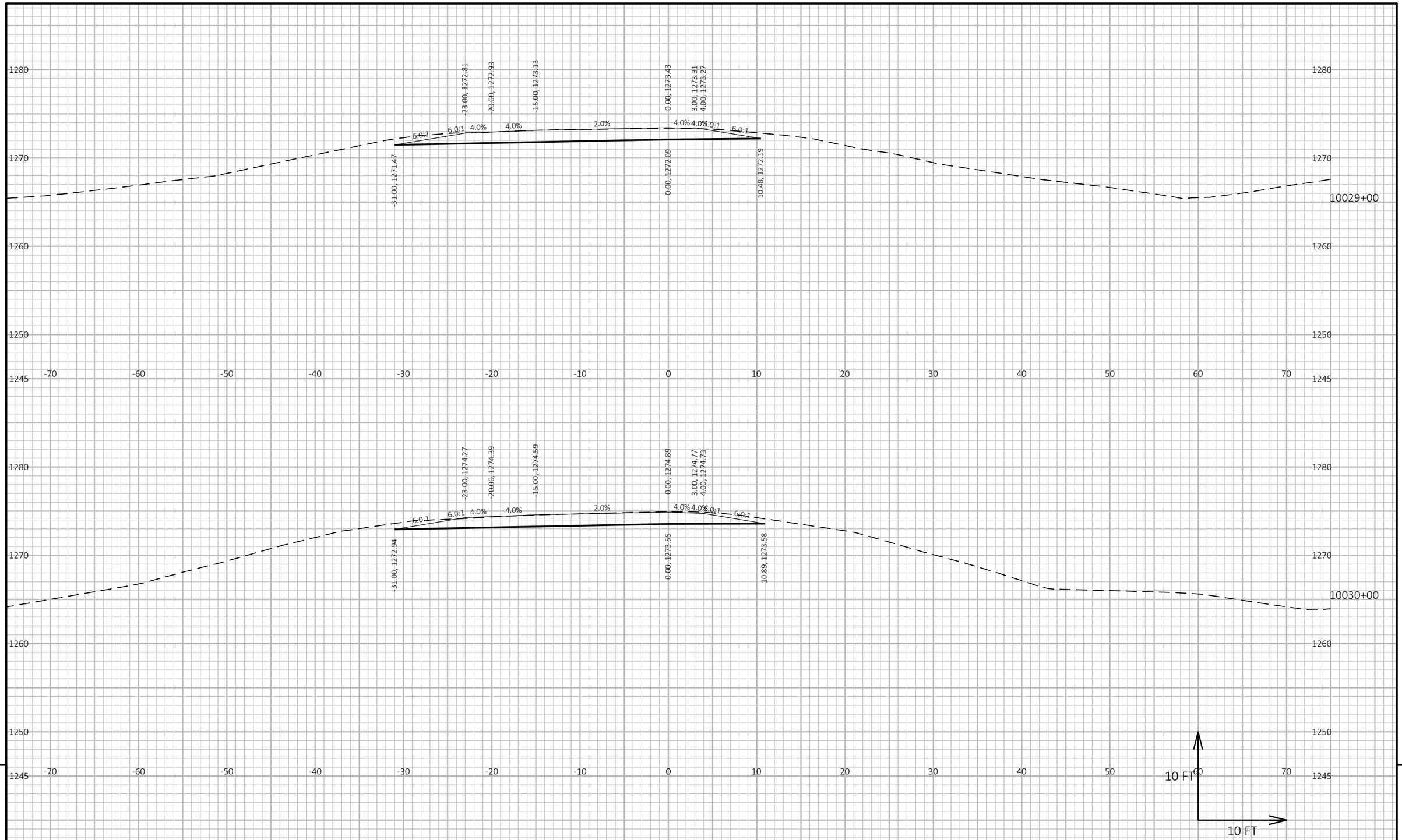
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: H RAMP	SHEET 634	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902178-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

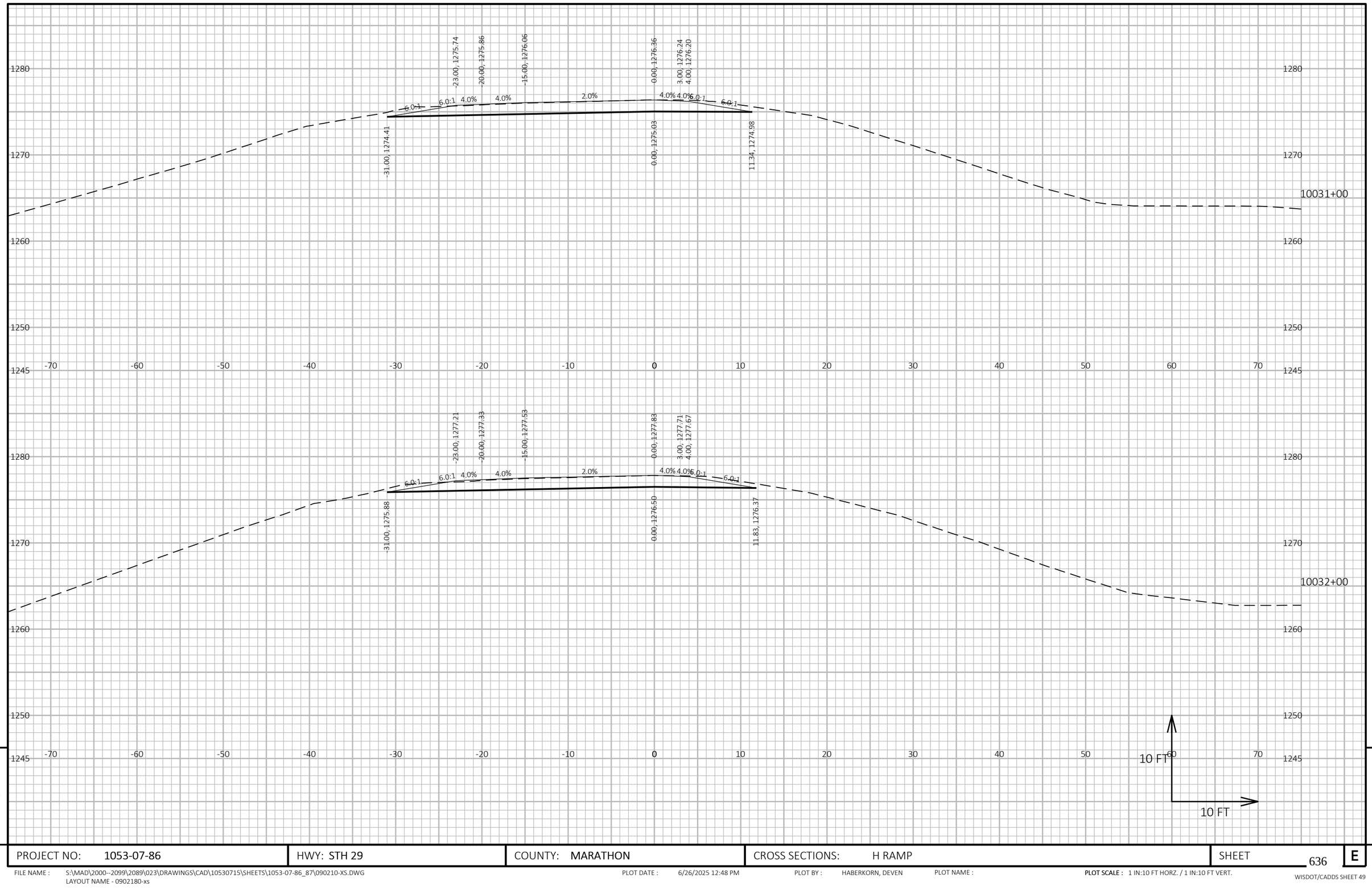


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: H RAMP	SHEET 635	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902179-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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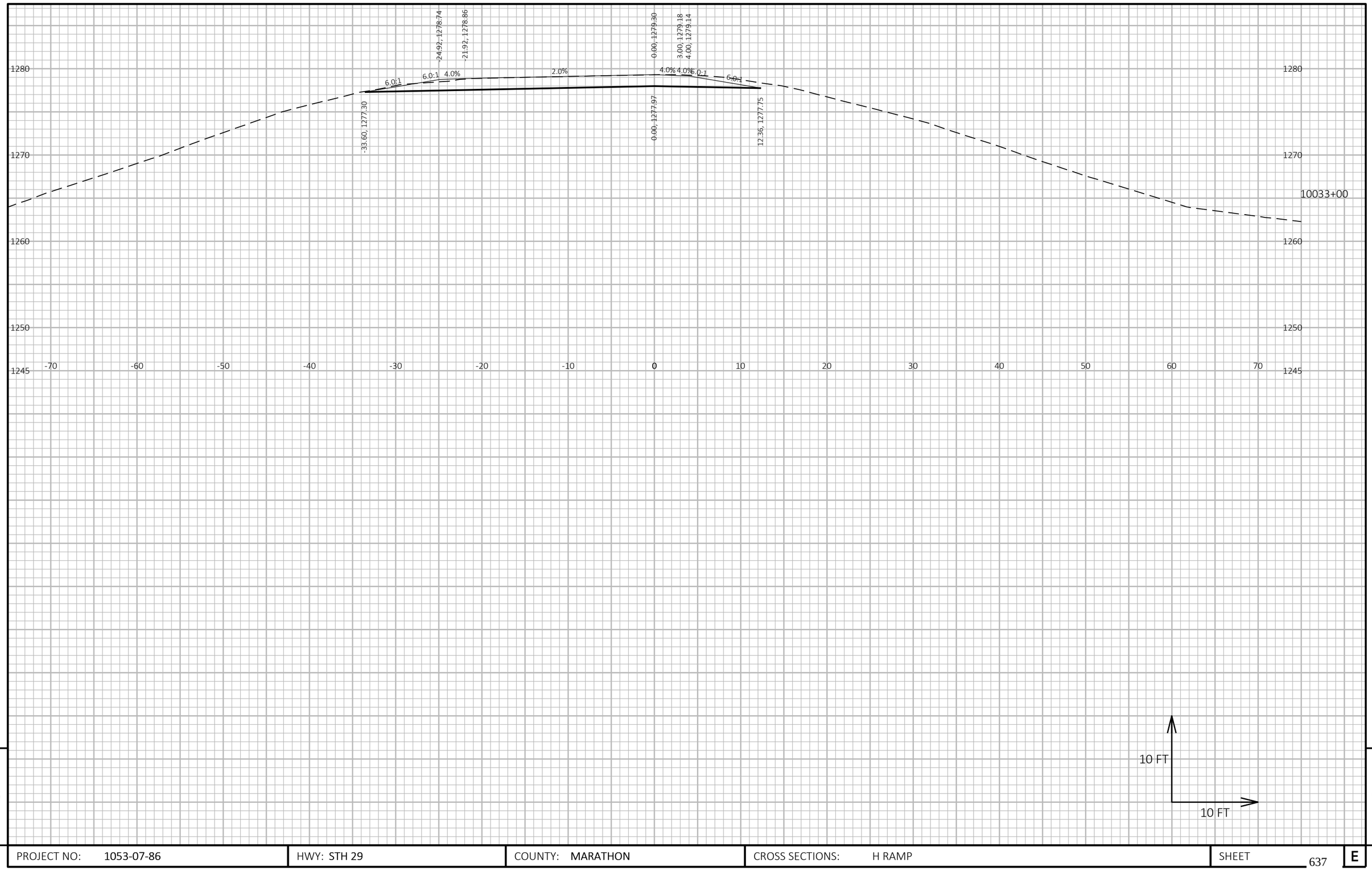
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: H RAMP	SHEET 636	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902180-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: H RAMP	SHEET 637	E

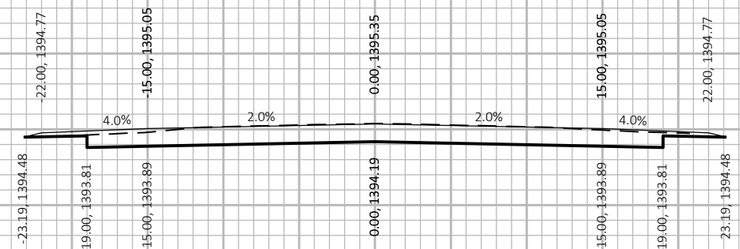
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090210-XS.DWG
LAYOUT NAME - 0902181-xs

PLOT DATE : 6/26/2025 12:48 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

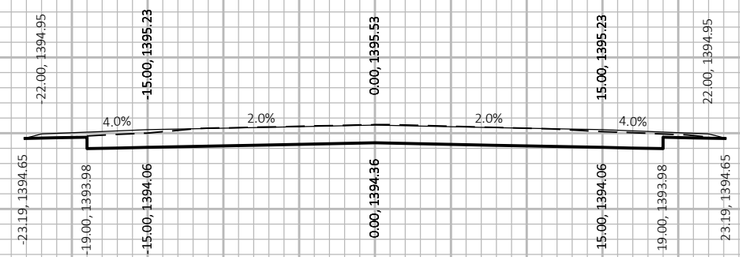
WISDOT/CADDS SHEET 49

BEGIN CONSTRUCTION
STA. 999+95.00

1000+00



1000+50



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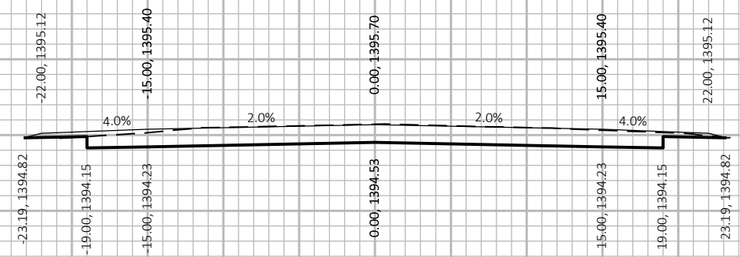
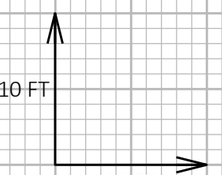


1001+00



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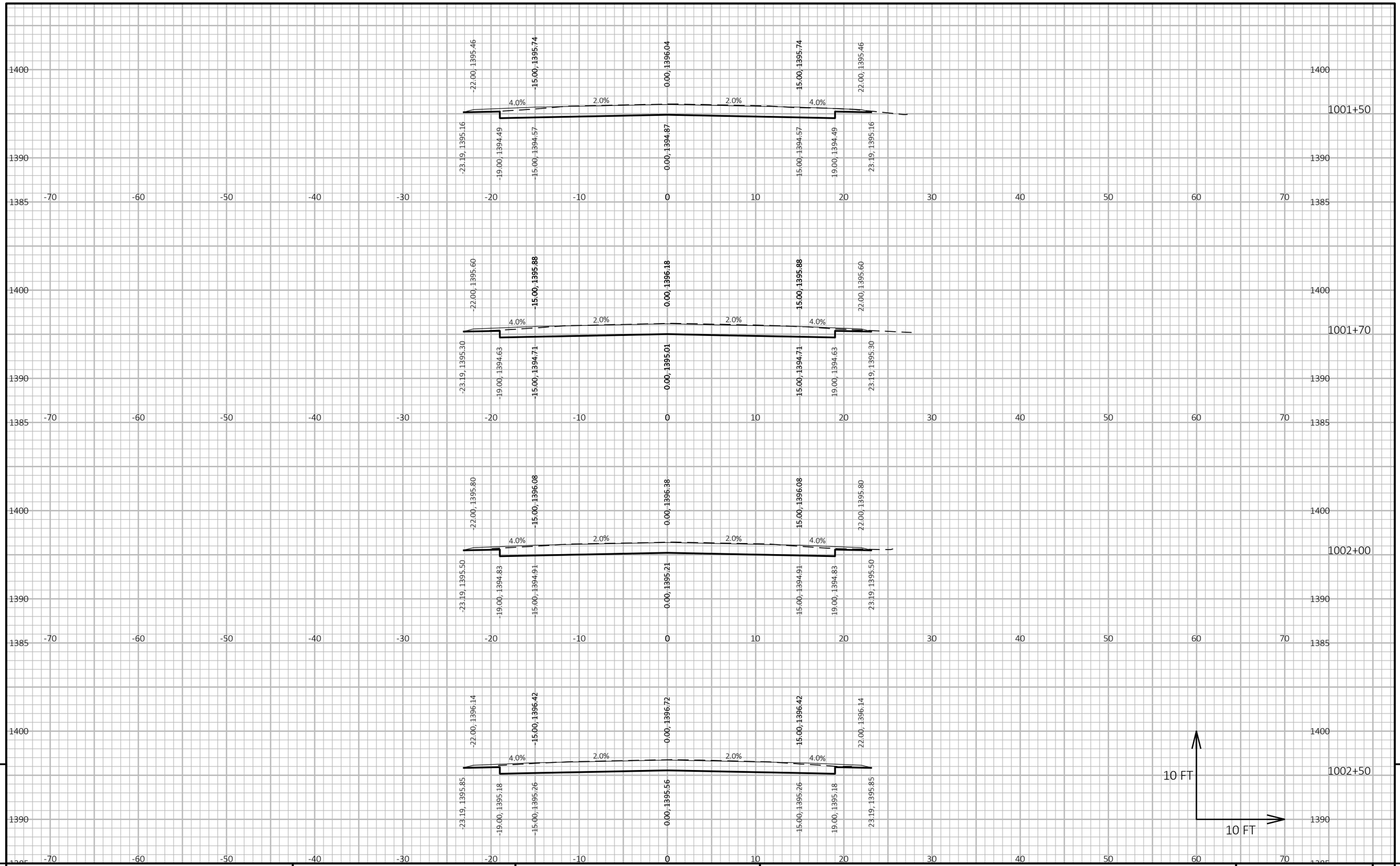
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 638	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-1

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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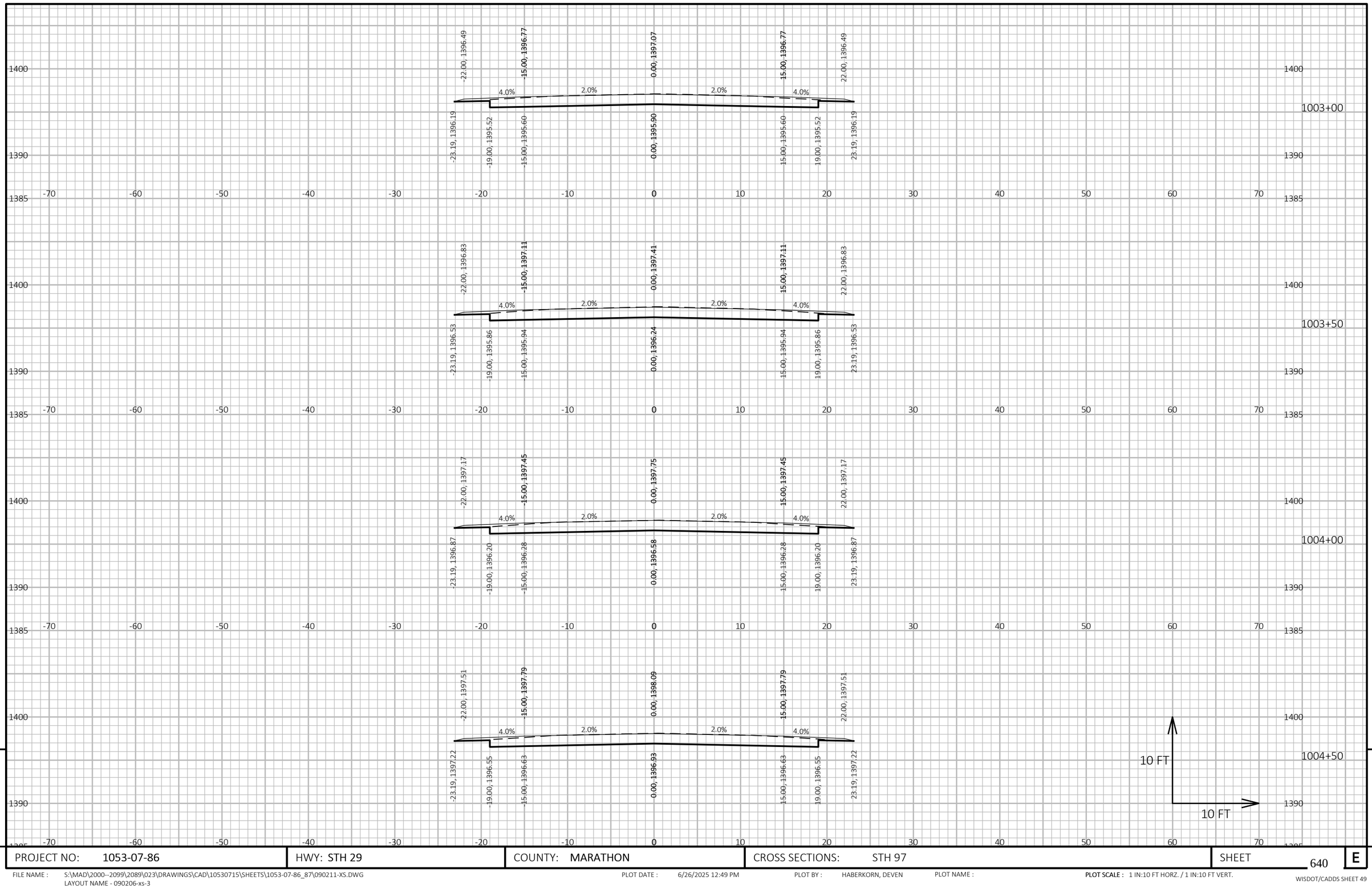
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 639	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-2

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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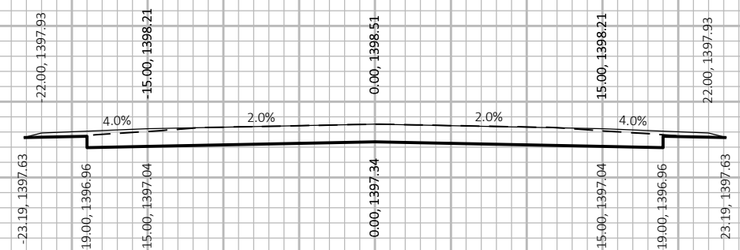
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 640	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-3

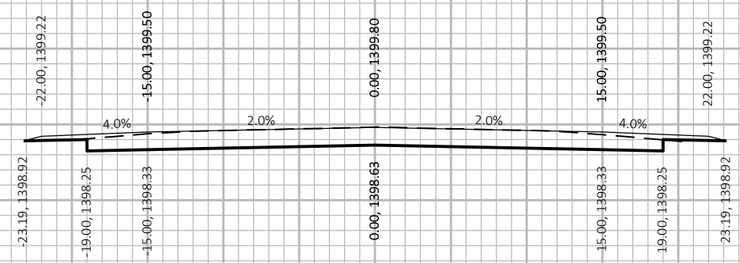
PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

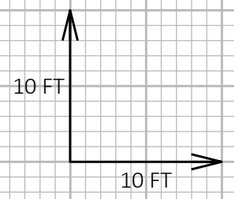


1005+00

1005+50



1006+00

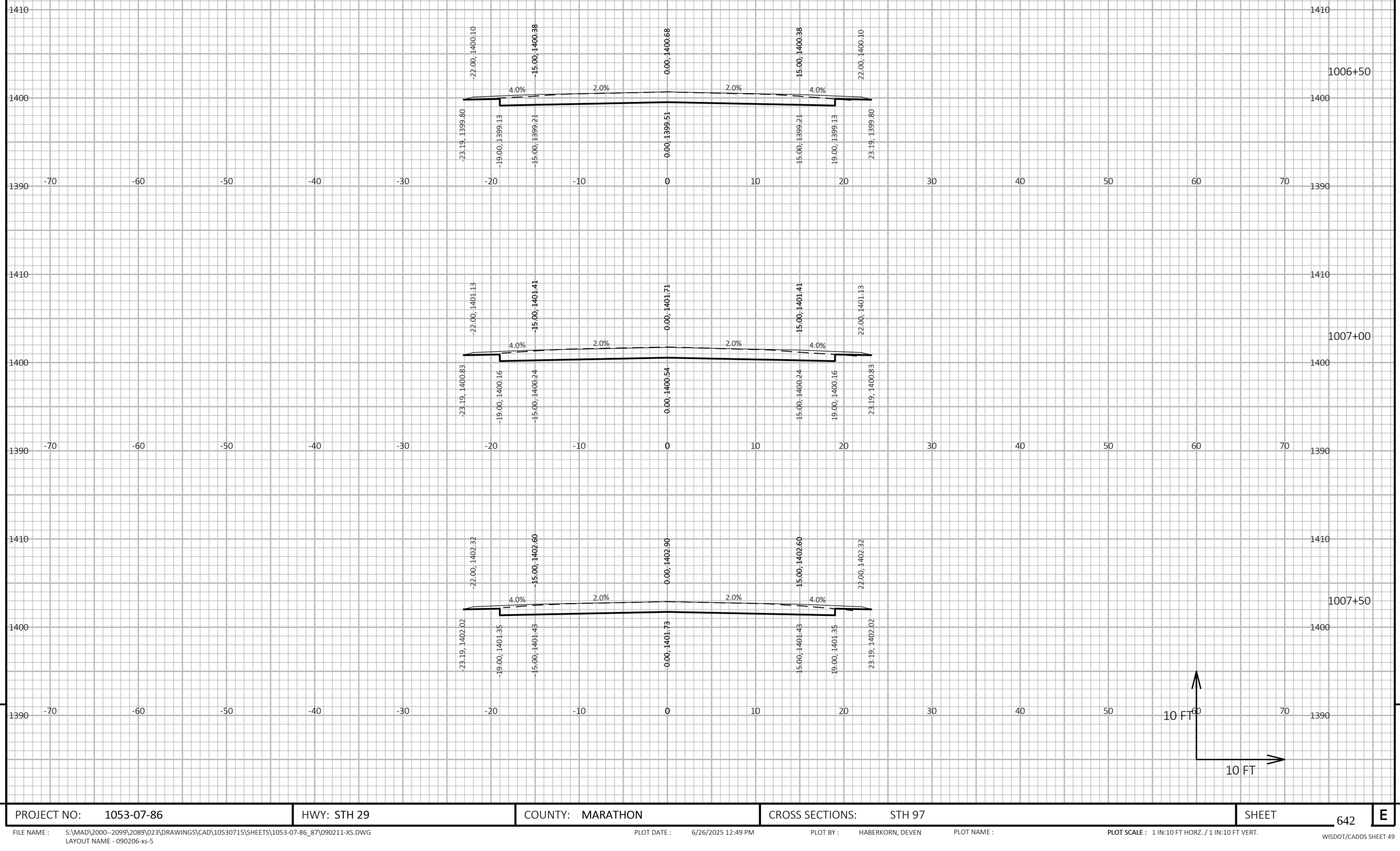


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 641	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-4

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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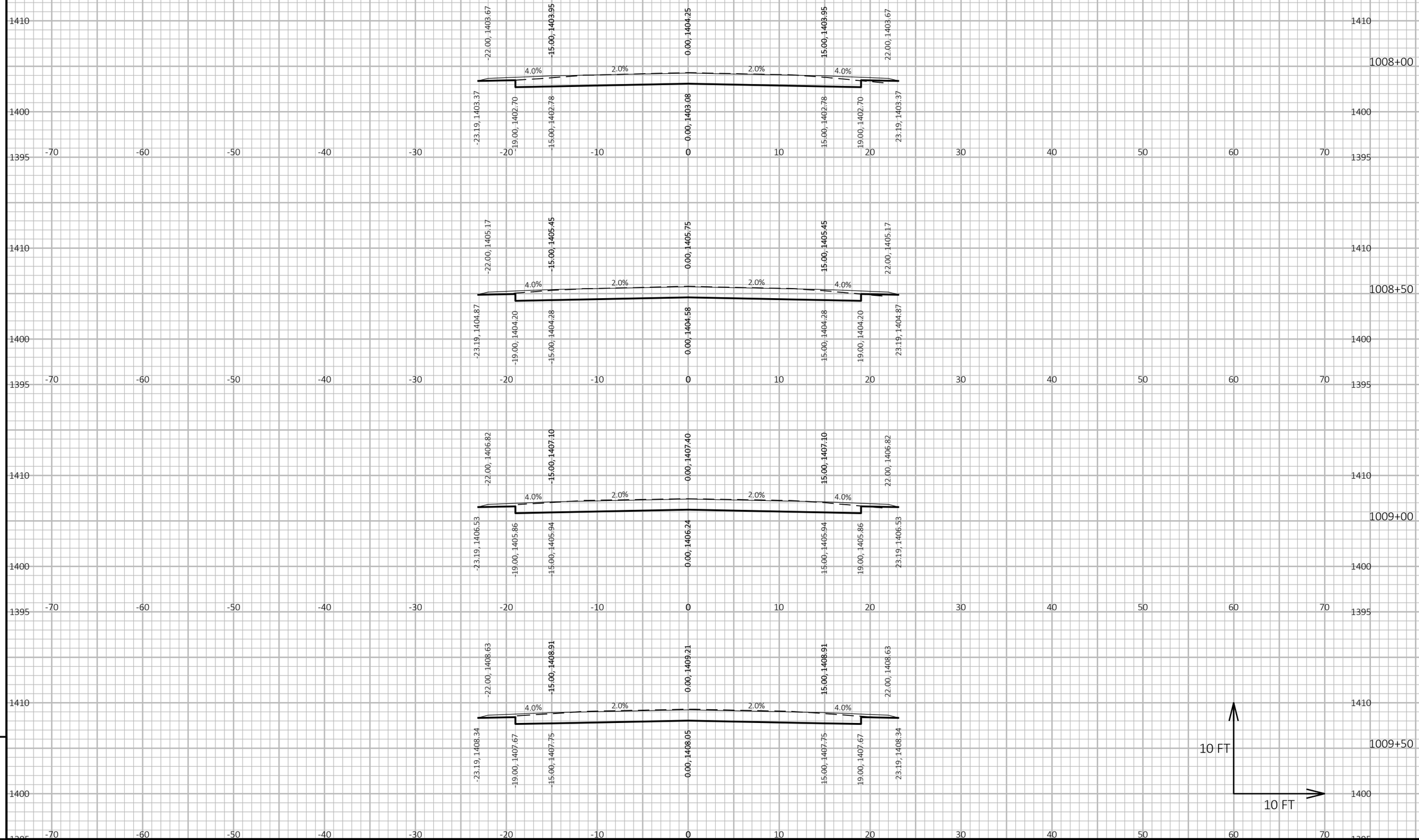
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 642	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-5

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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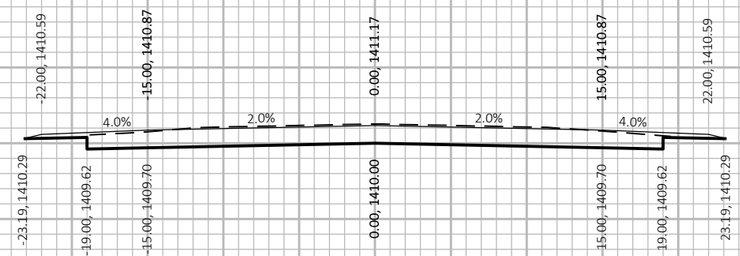
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 643	E

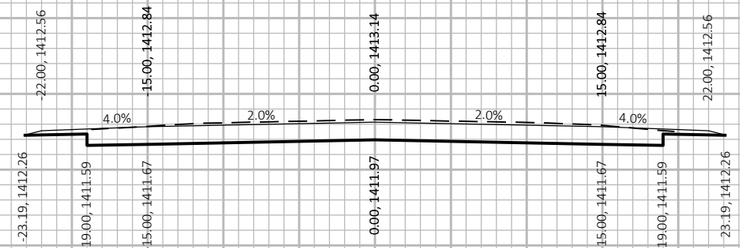
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-6

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

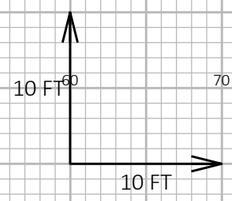


1010+00



1010+50

1011+00



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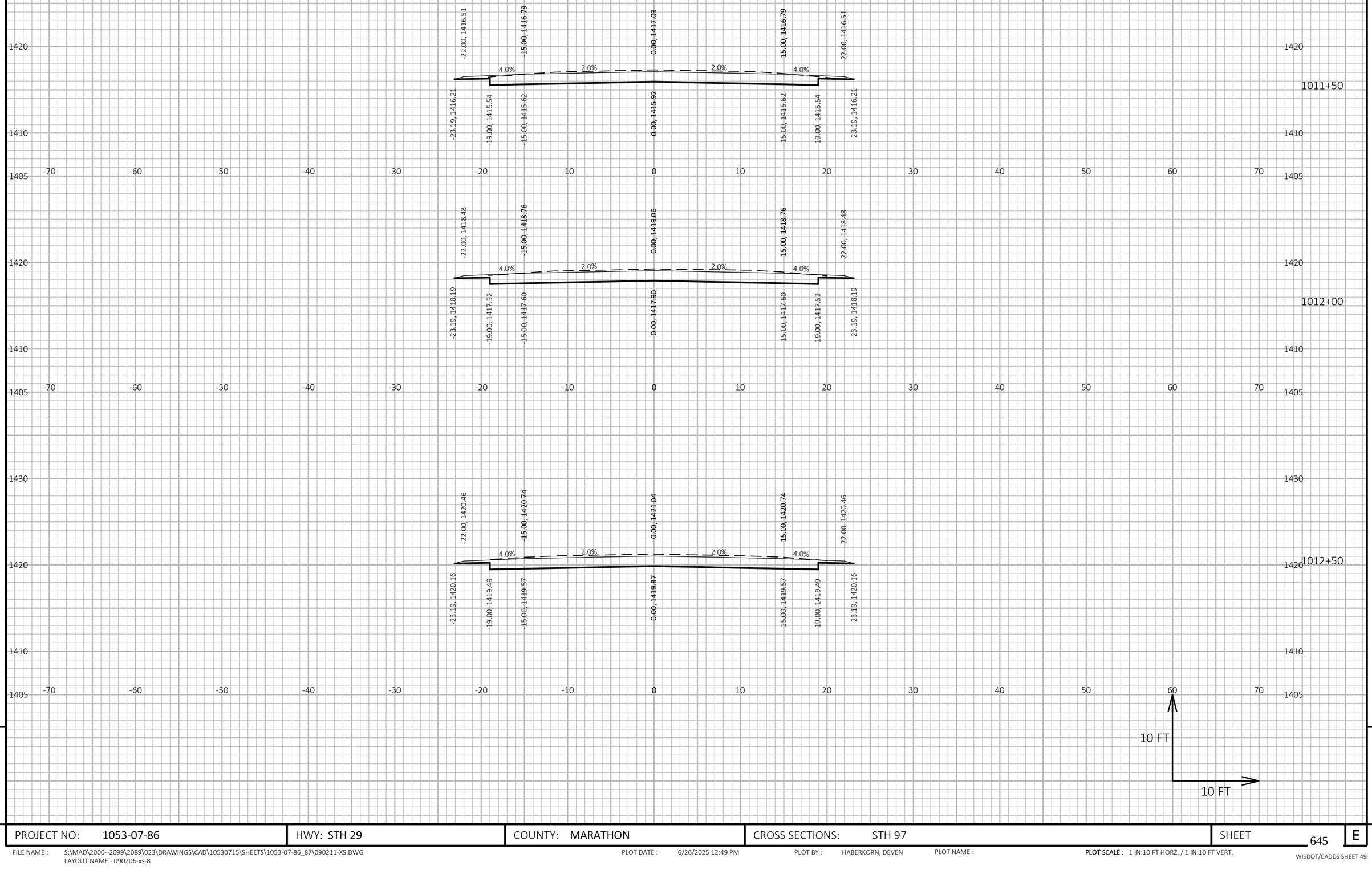
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 644	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-7

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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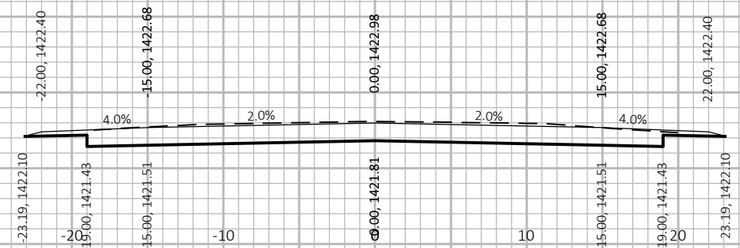
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 645	E

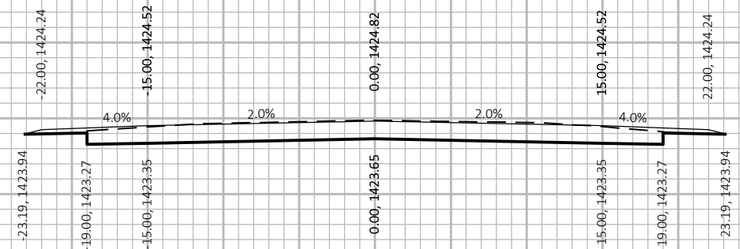
FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-8

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

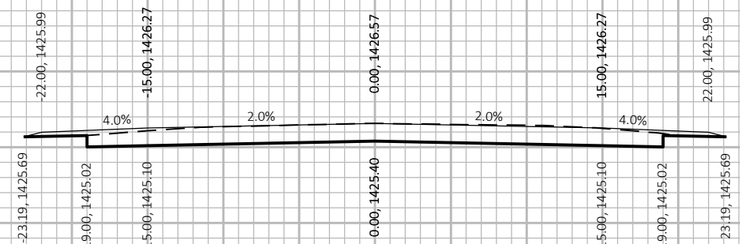
WISDOT/CADDS SHEET 49



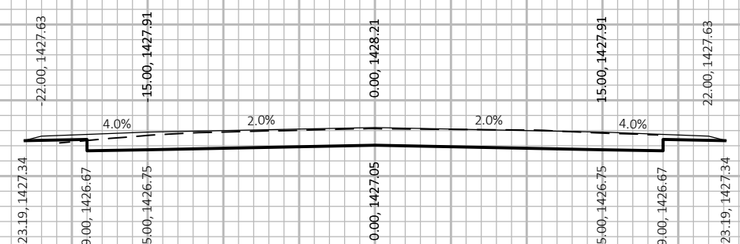
1013+00



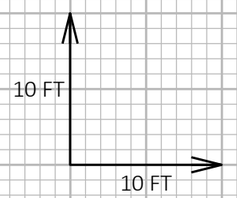
1013+50



1014+00



1014+50



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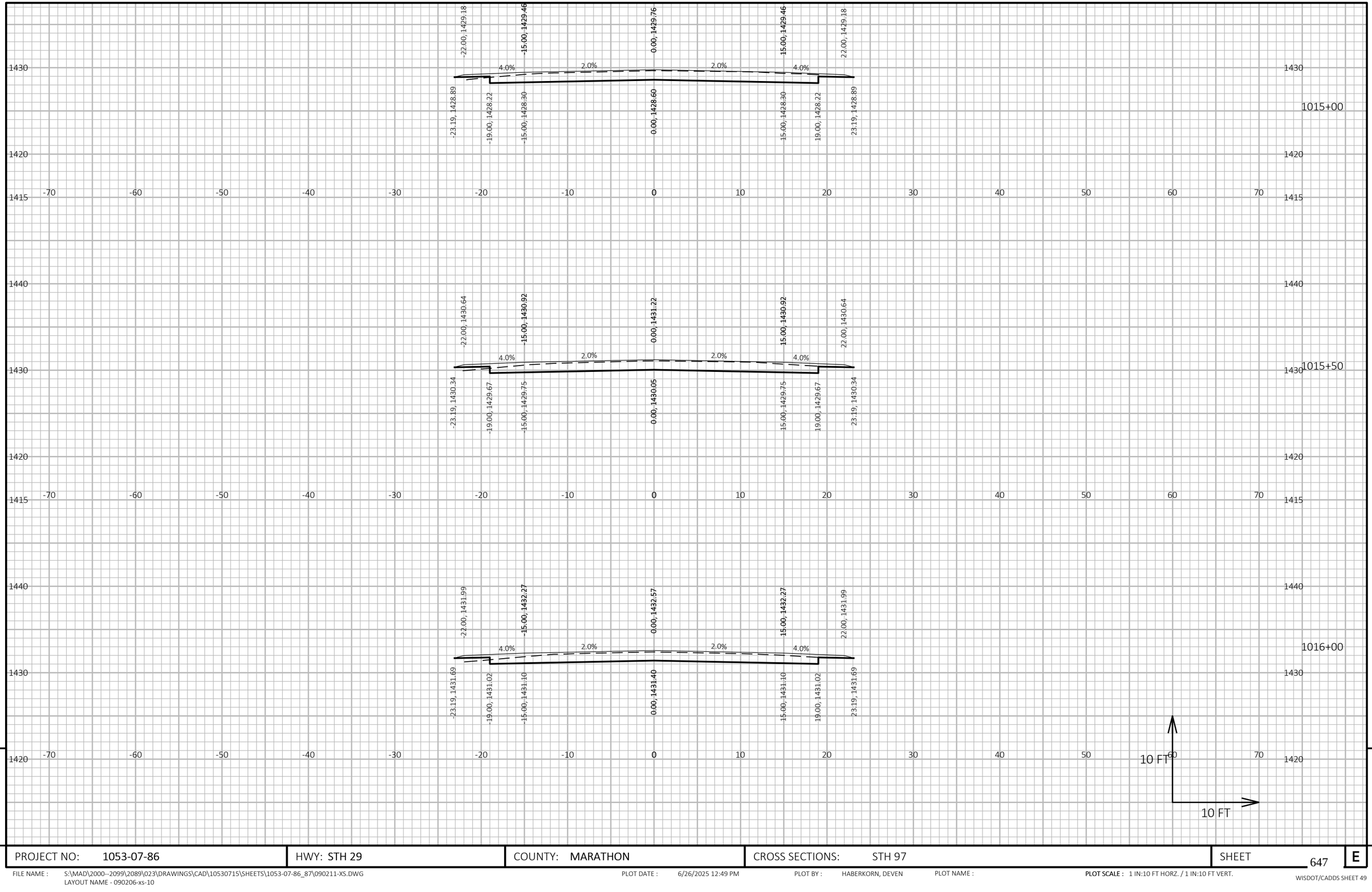
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 646	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-9

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

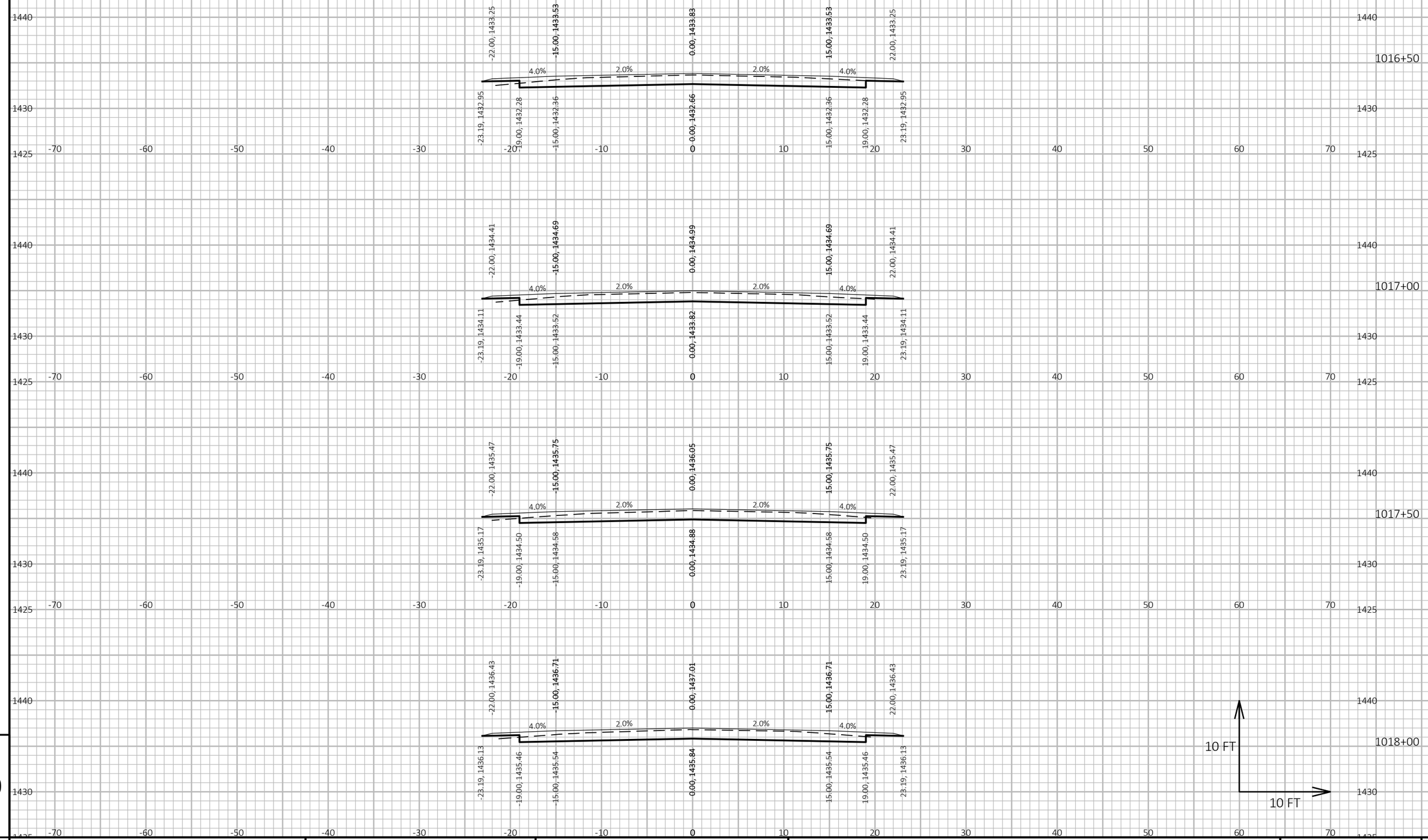


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 647	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-10

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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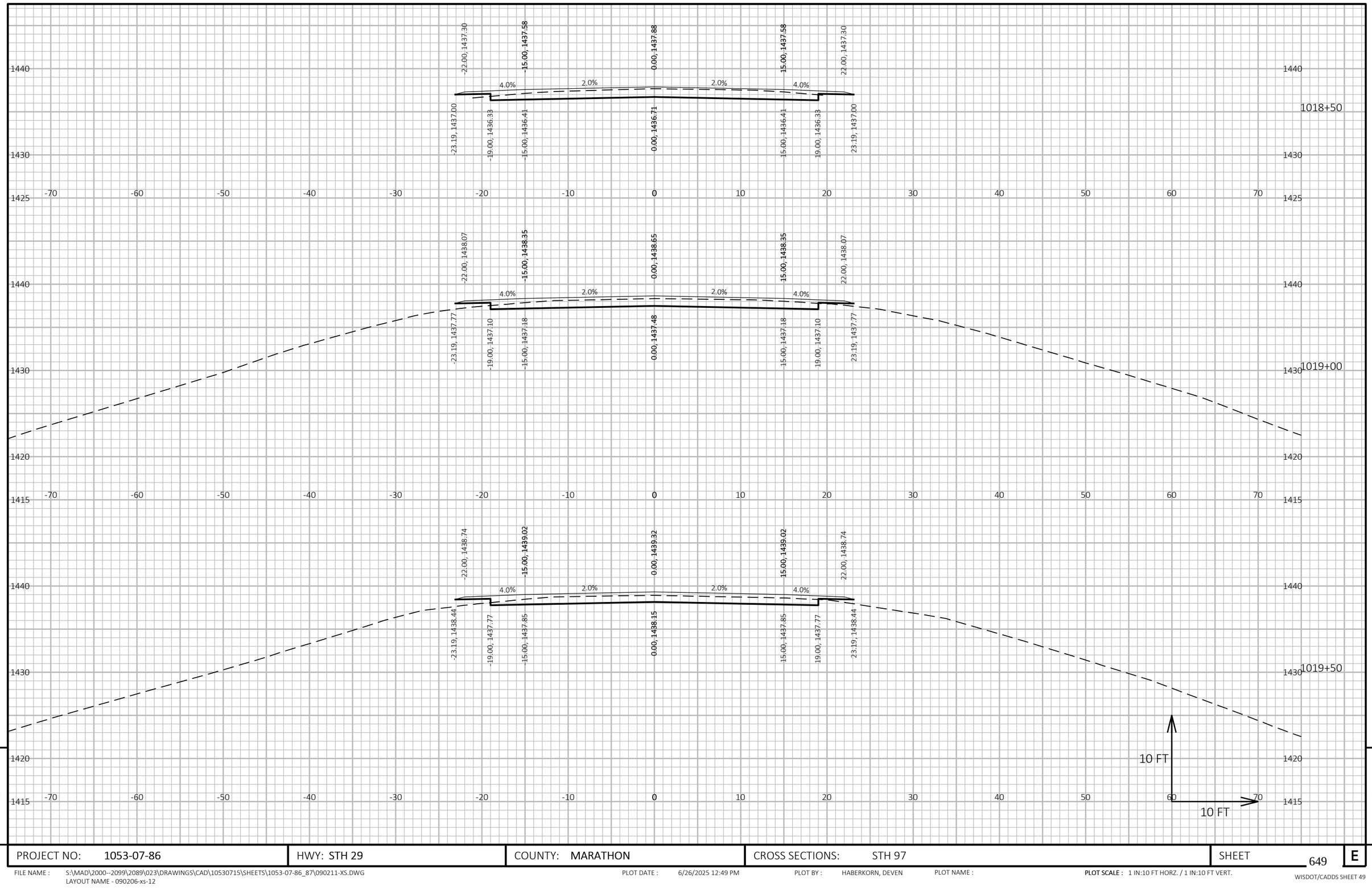
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 648	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-11

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

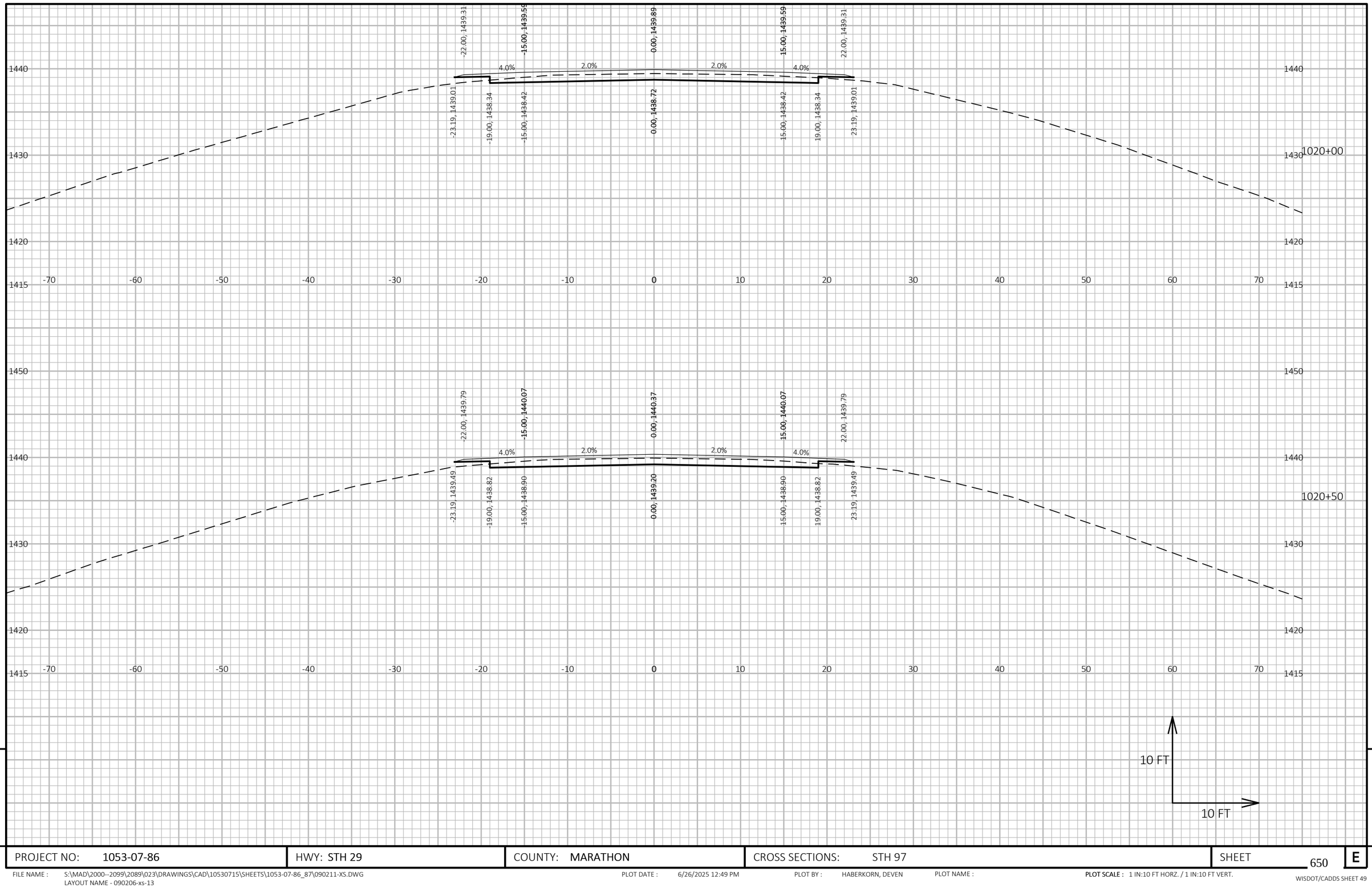


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 649	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-12

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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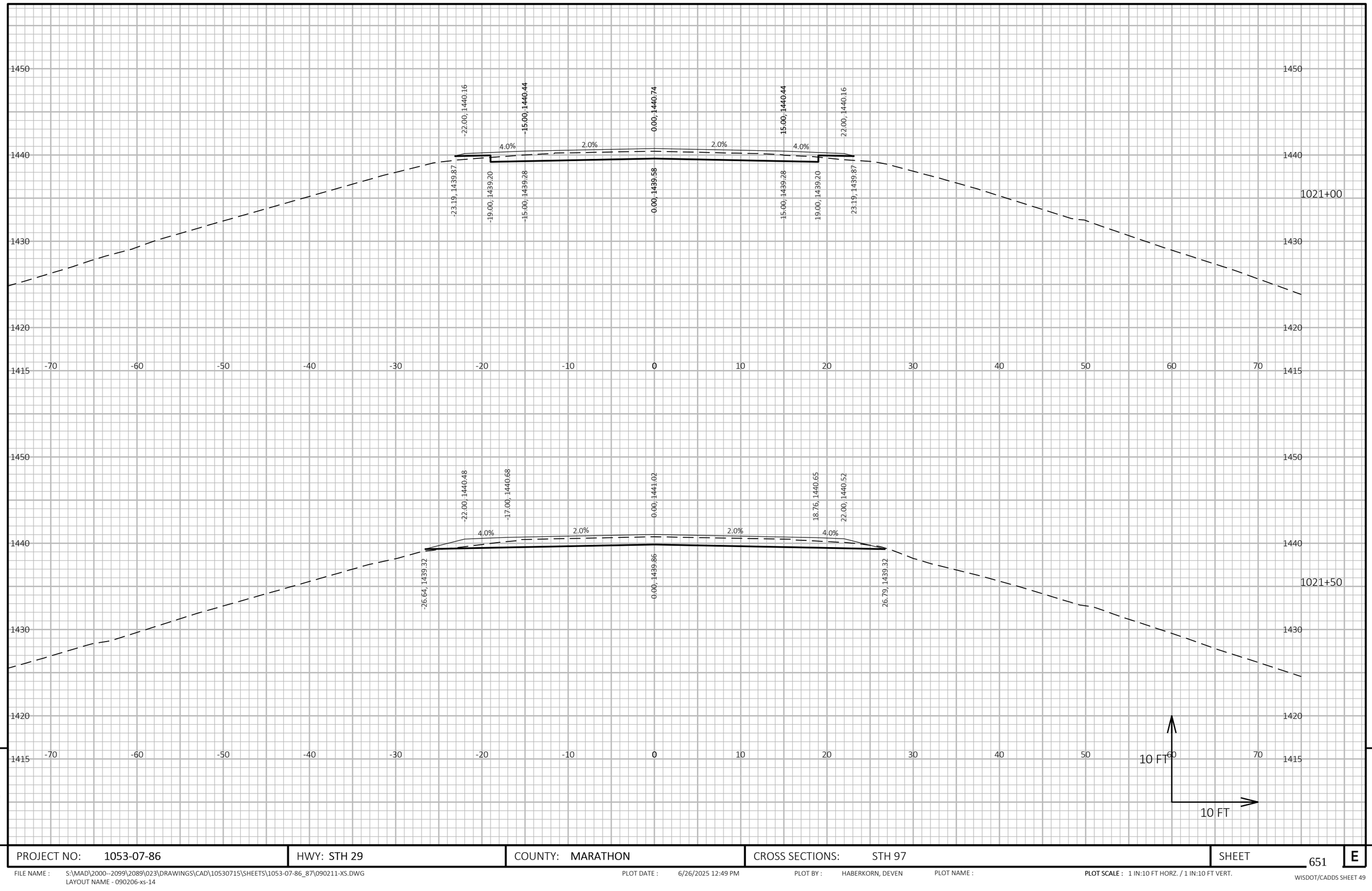
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 650	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-13

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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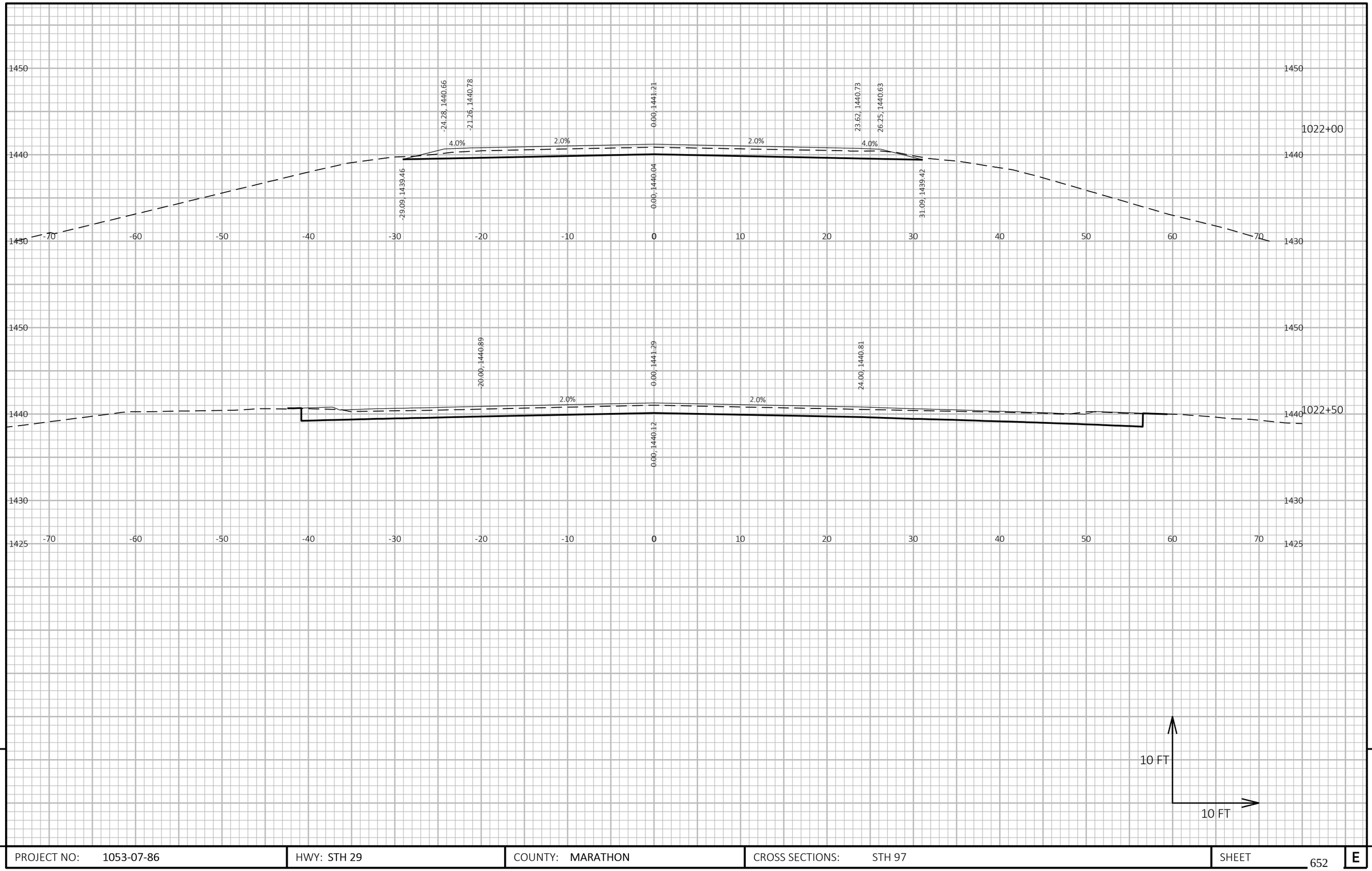
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 651	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-14

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



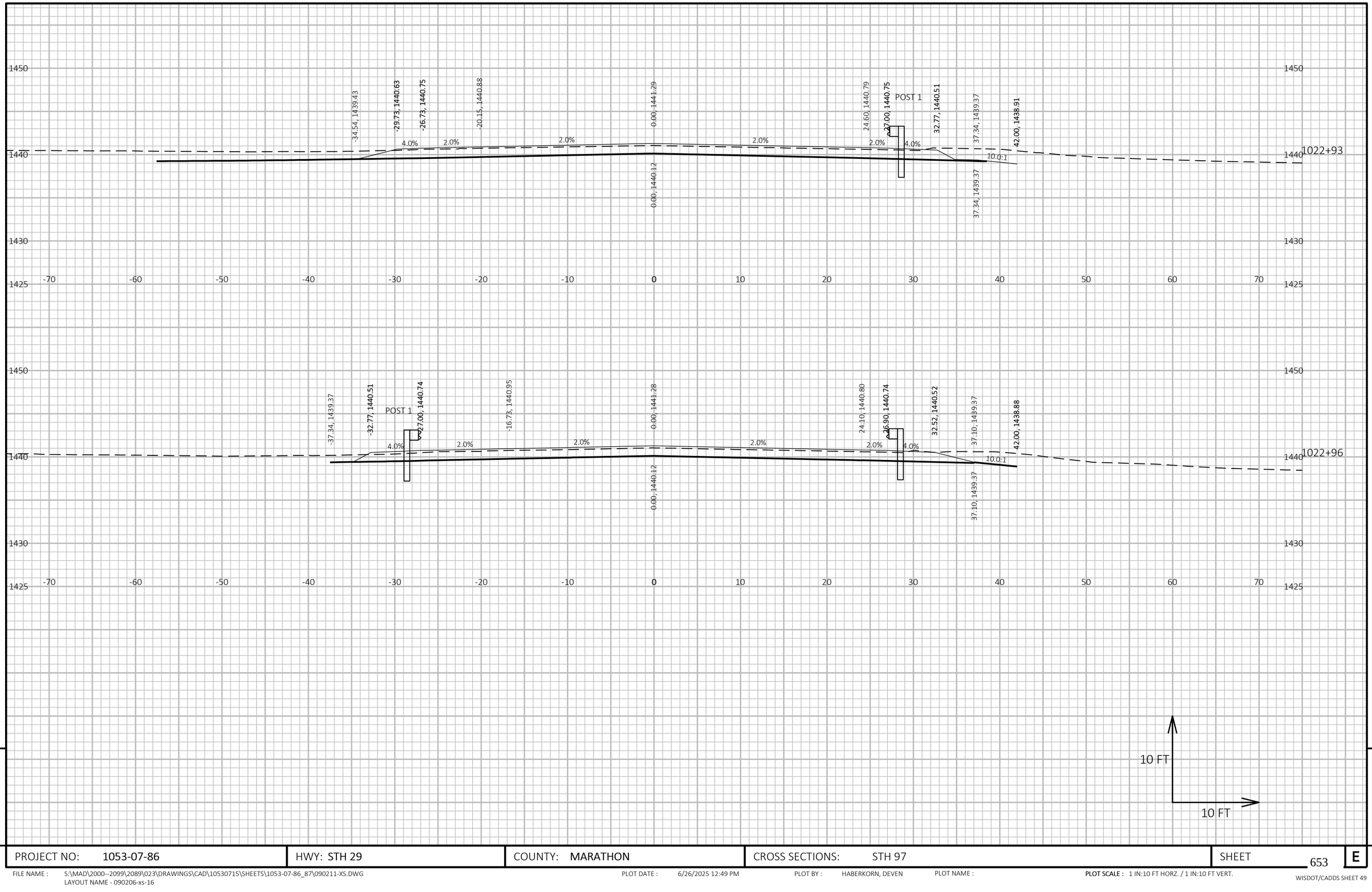
9 9

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 652	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-15

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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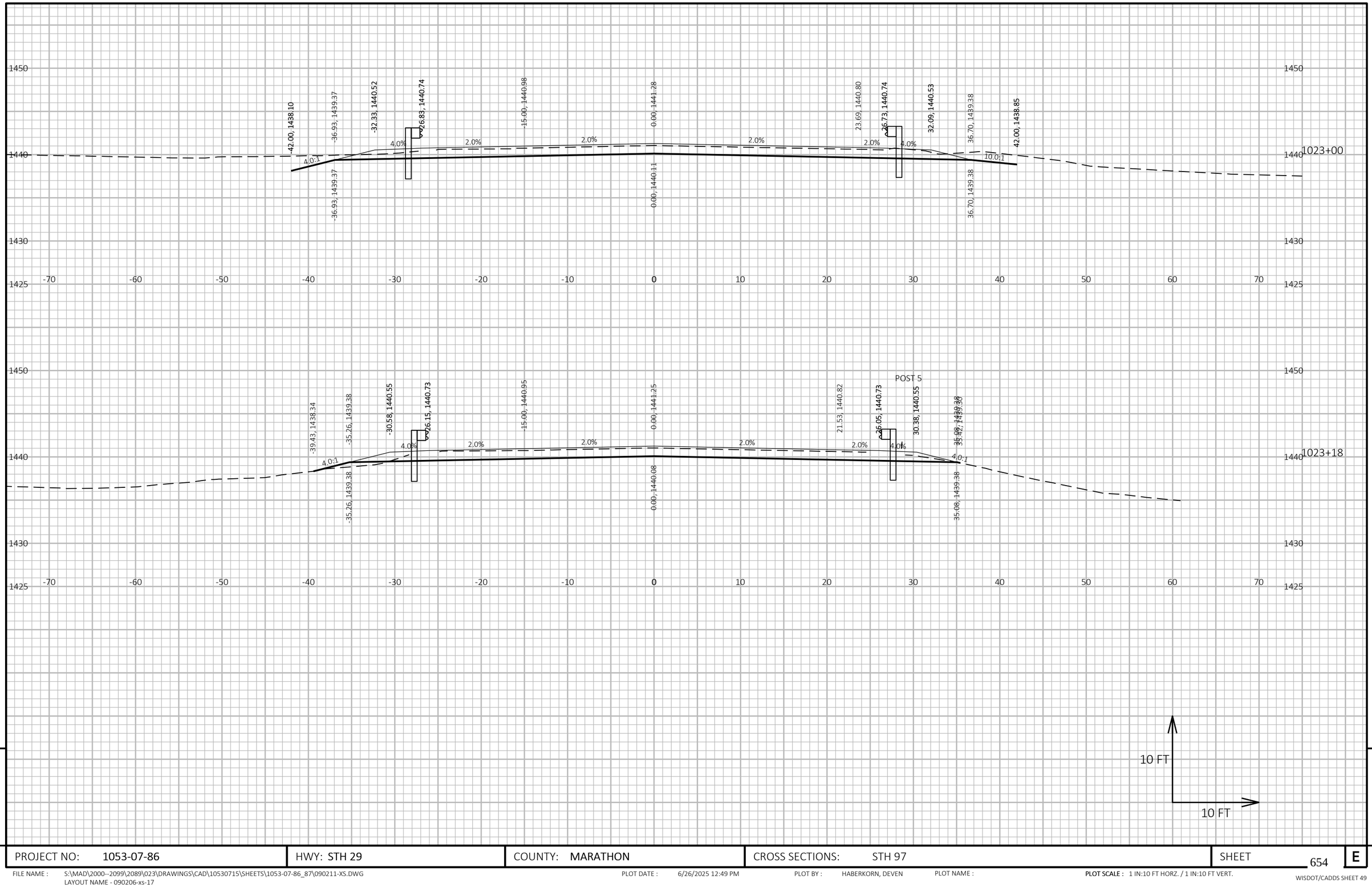
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 653	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-16

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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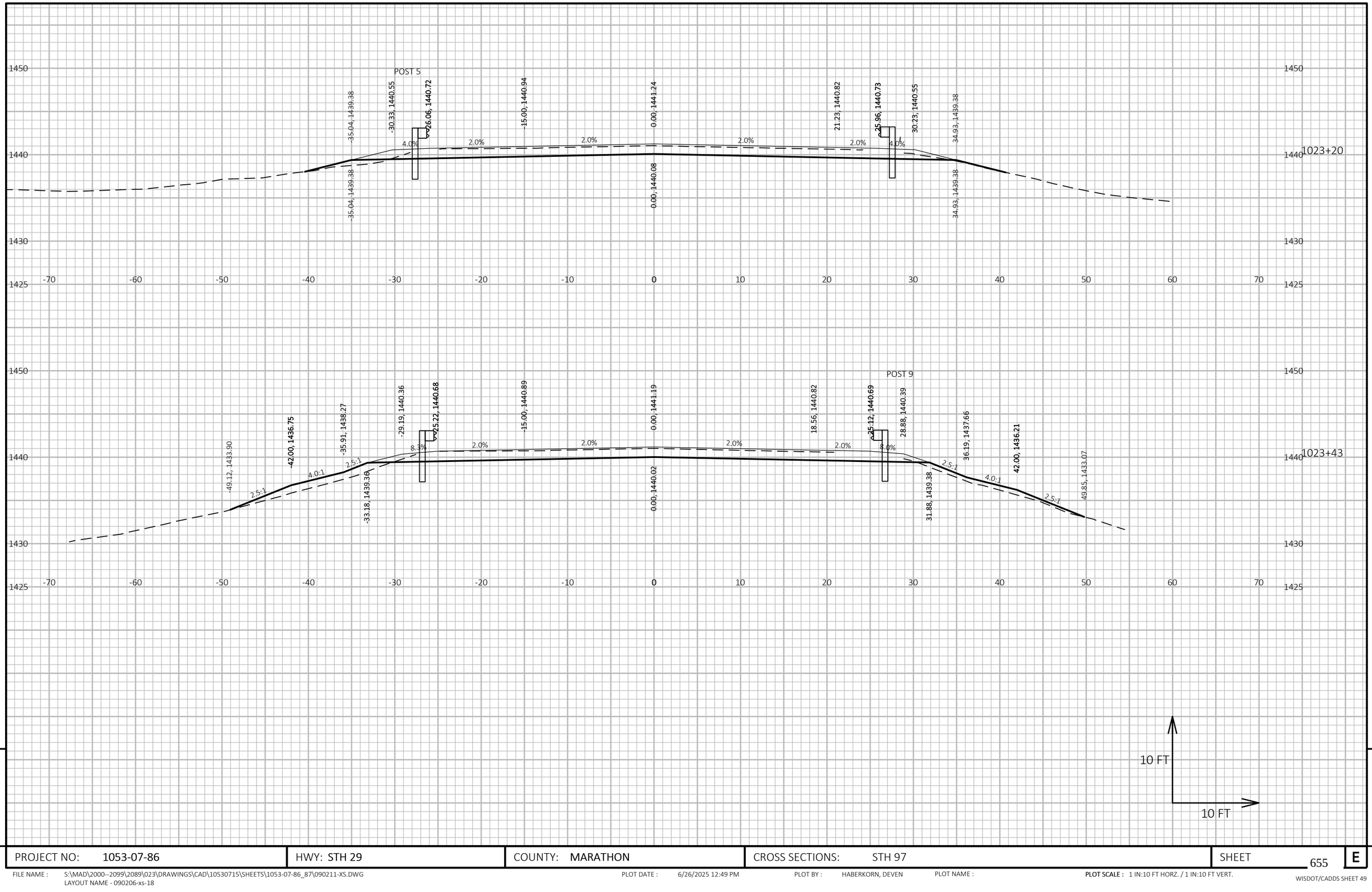
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 654	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-17

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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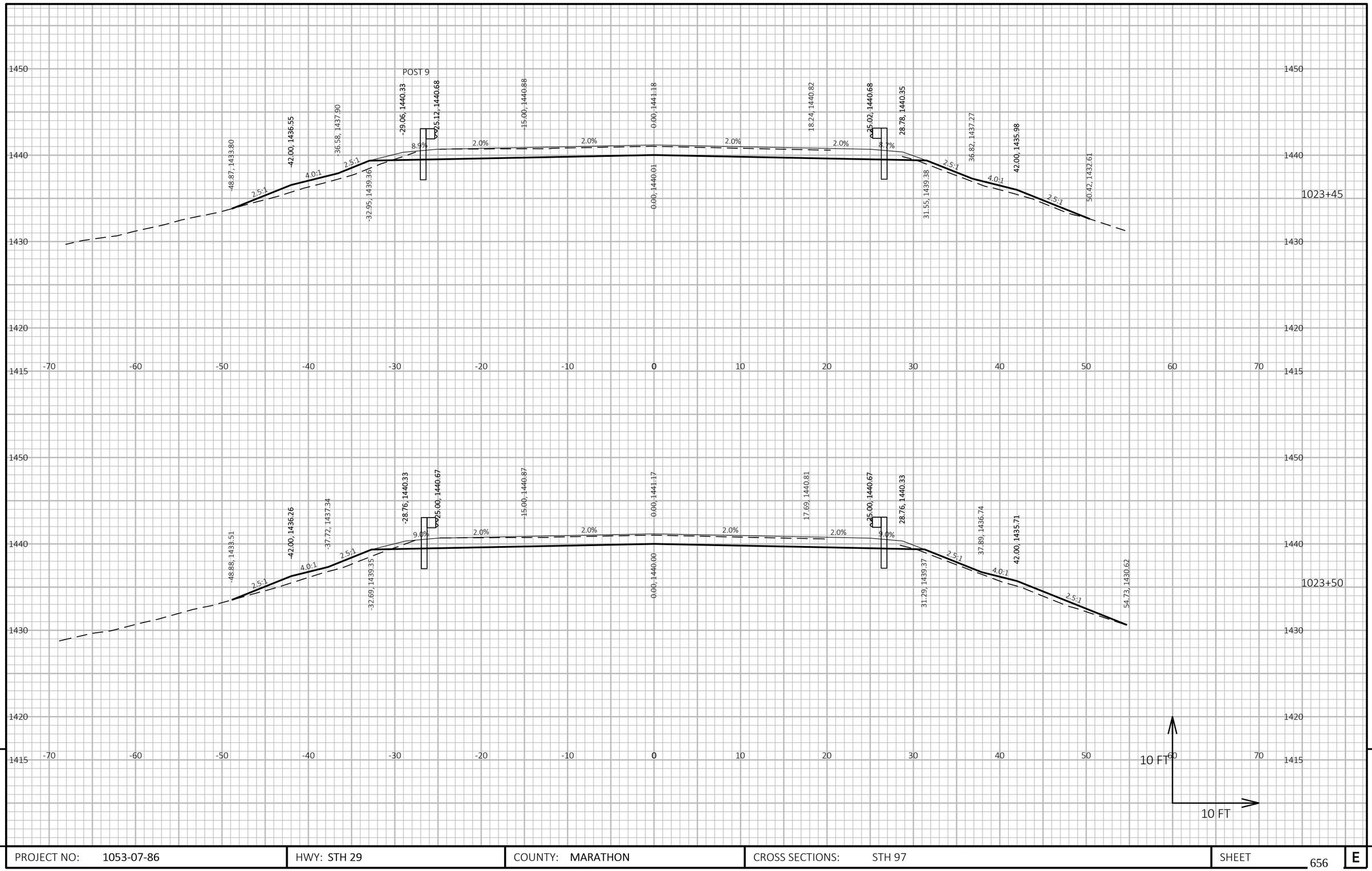
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 655	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-18

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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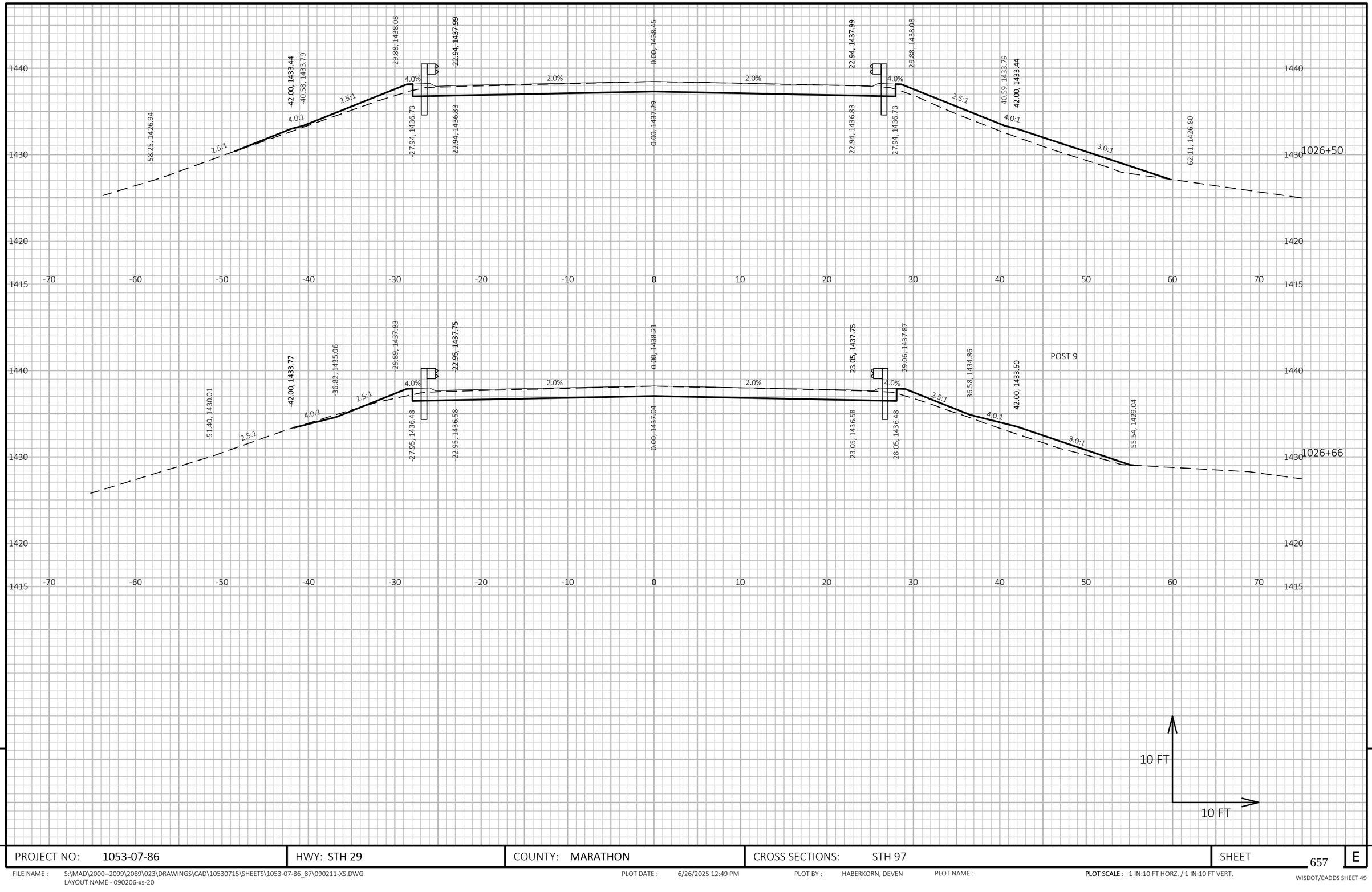
9

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 656	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-19

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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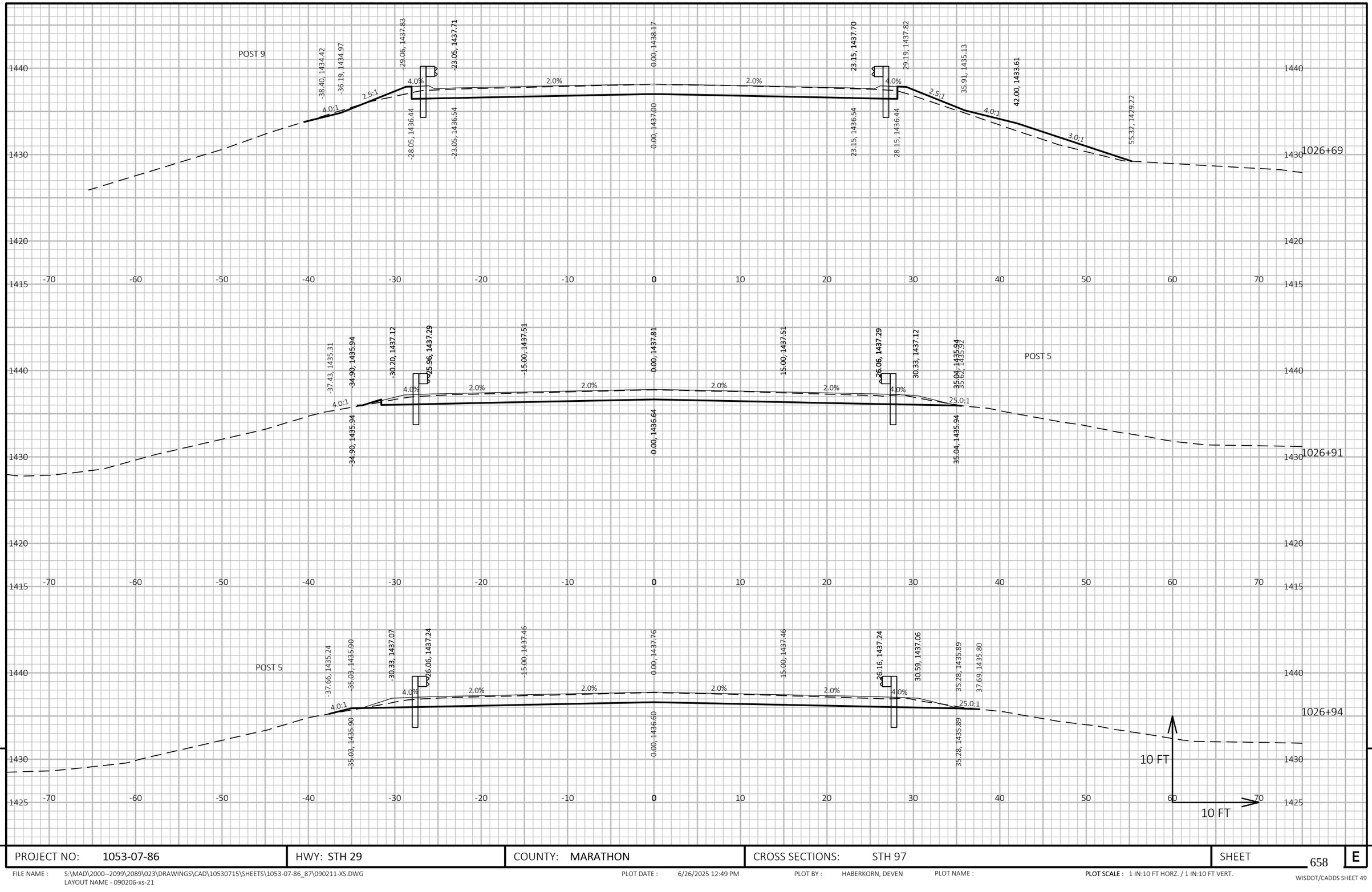
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 657	E

9

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-20

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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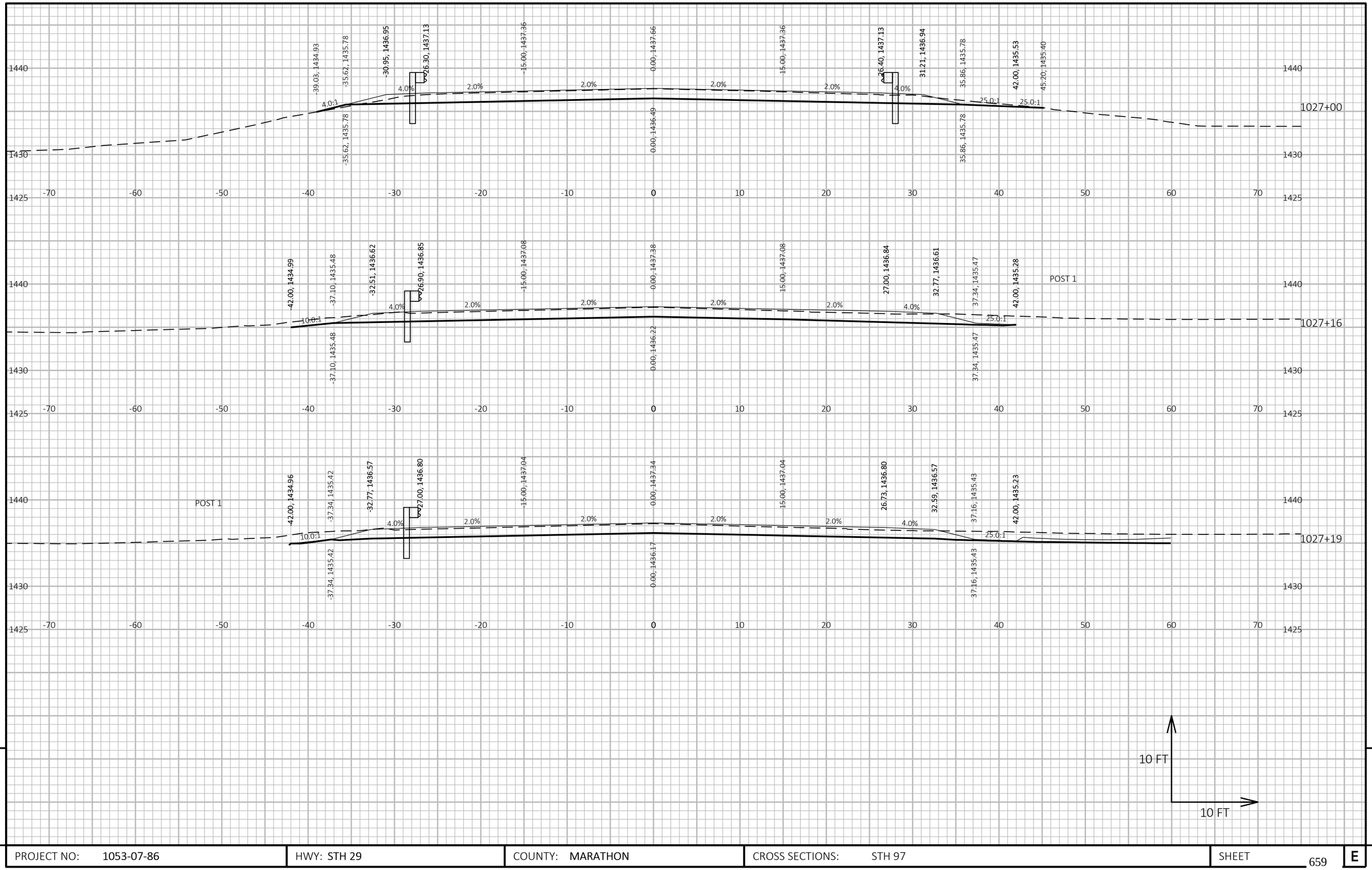
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 658	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-21

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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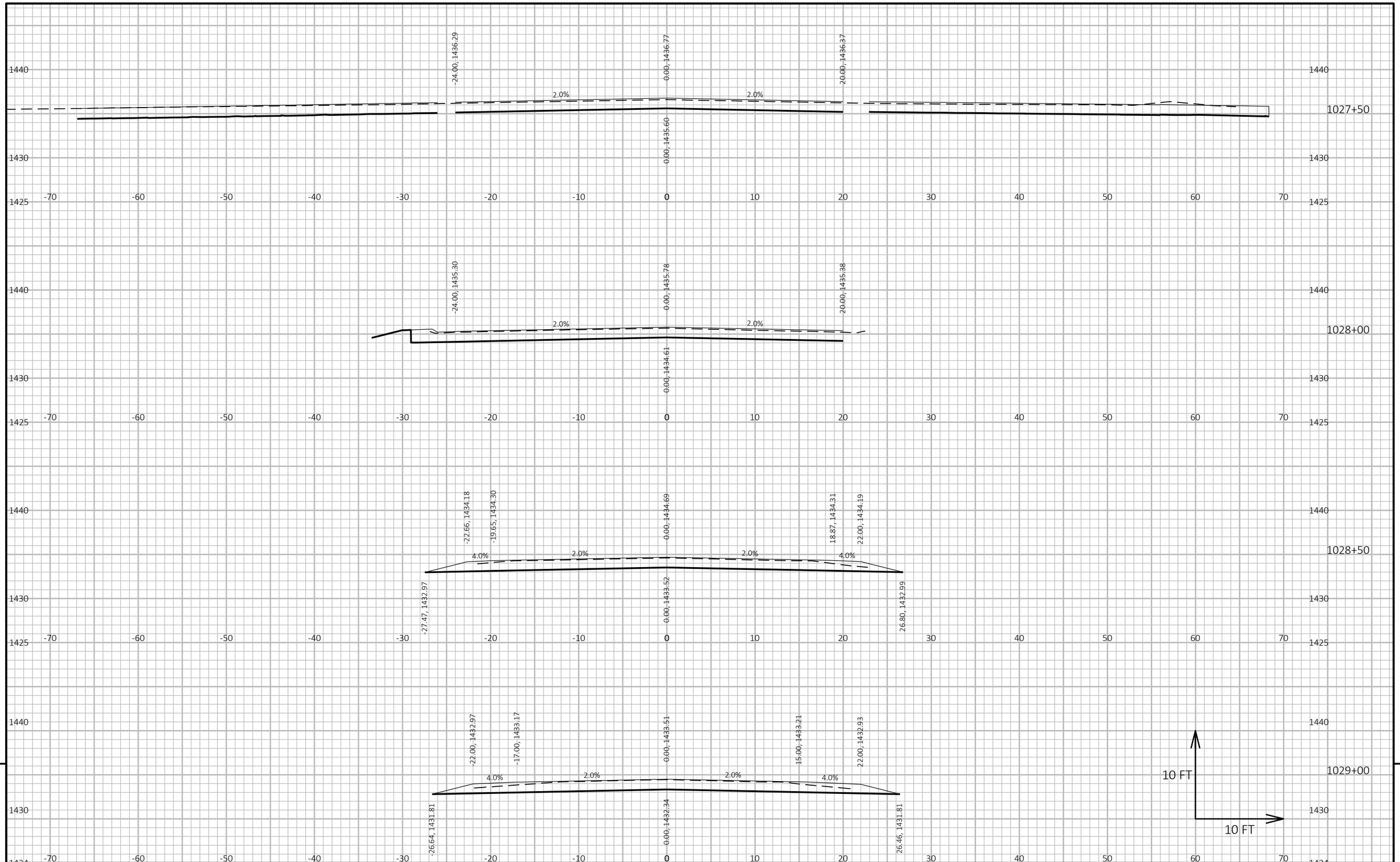
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 659	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-22

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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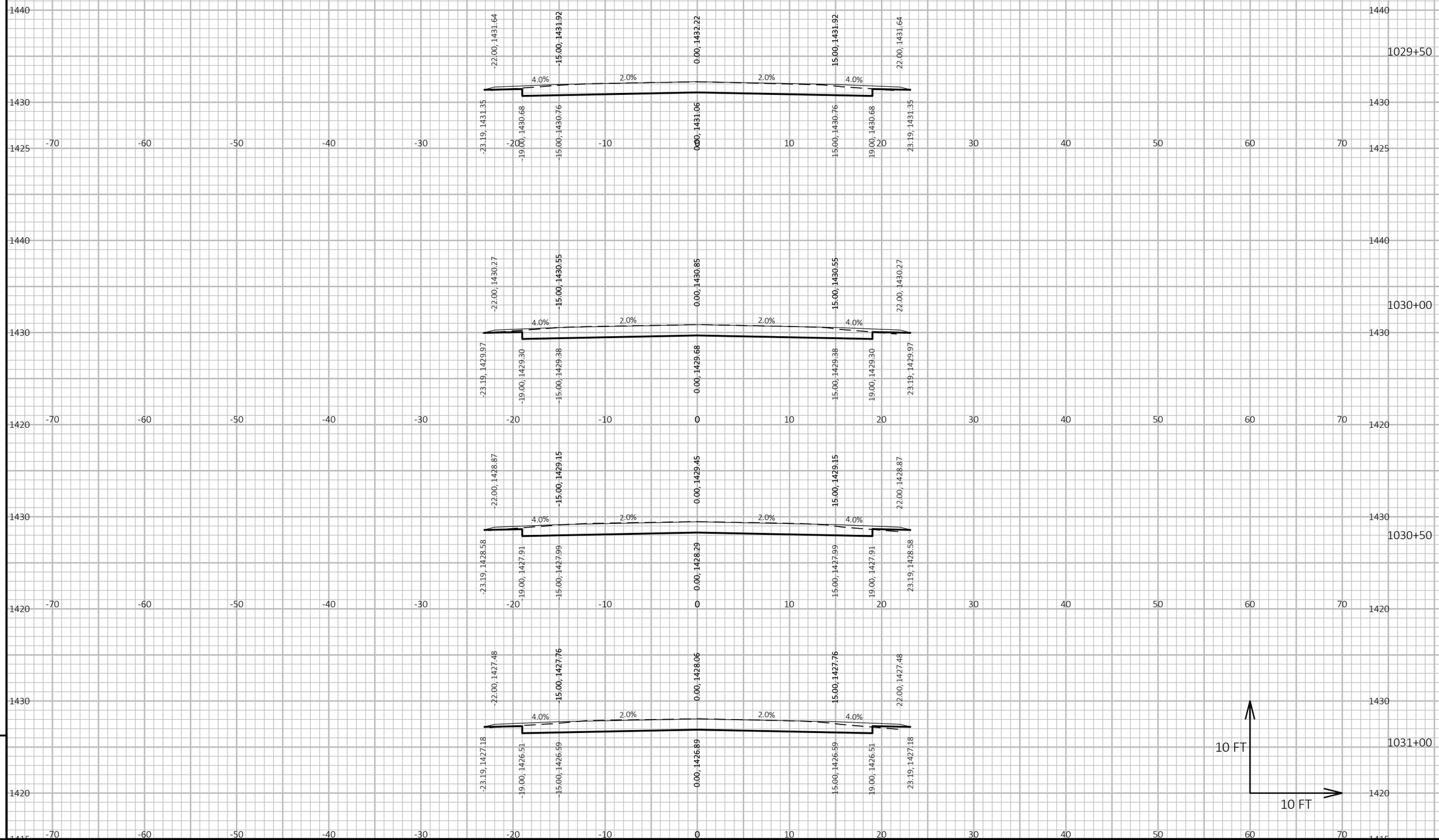
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 660	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-24

PLOT DATE : 6/30/2025 10:39 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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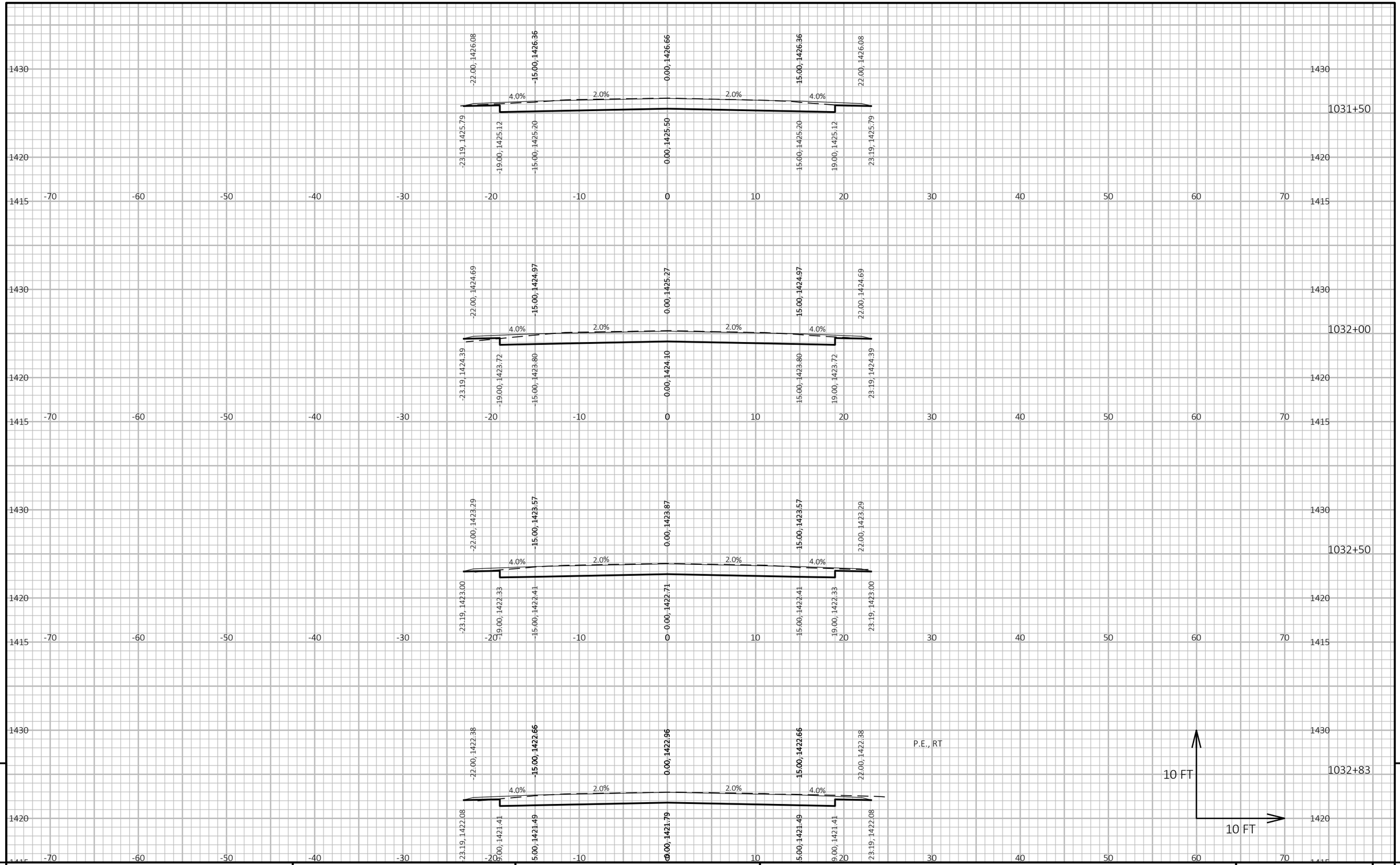
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 661	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-25

PLOT DATE : 6/30/2025 10:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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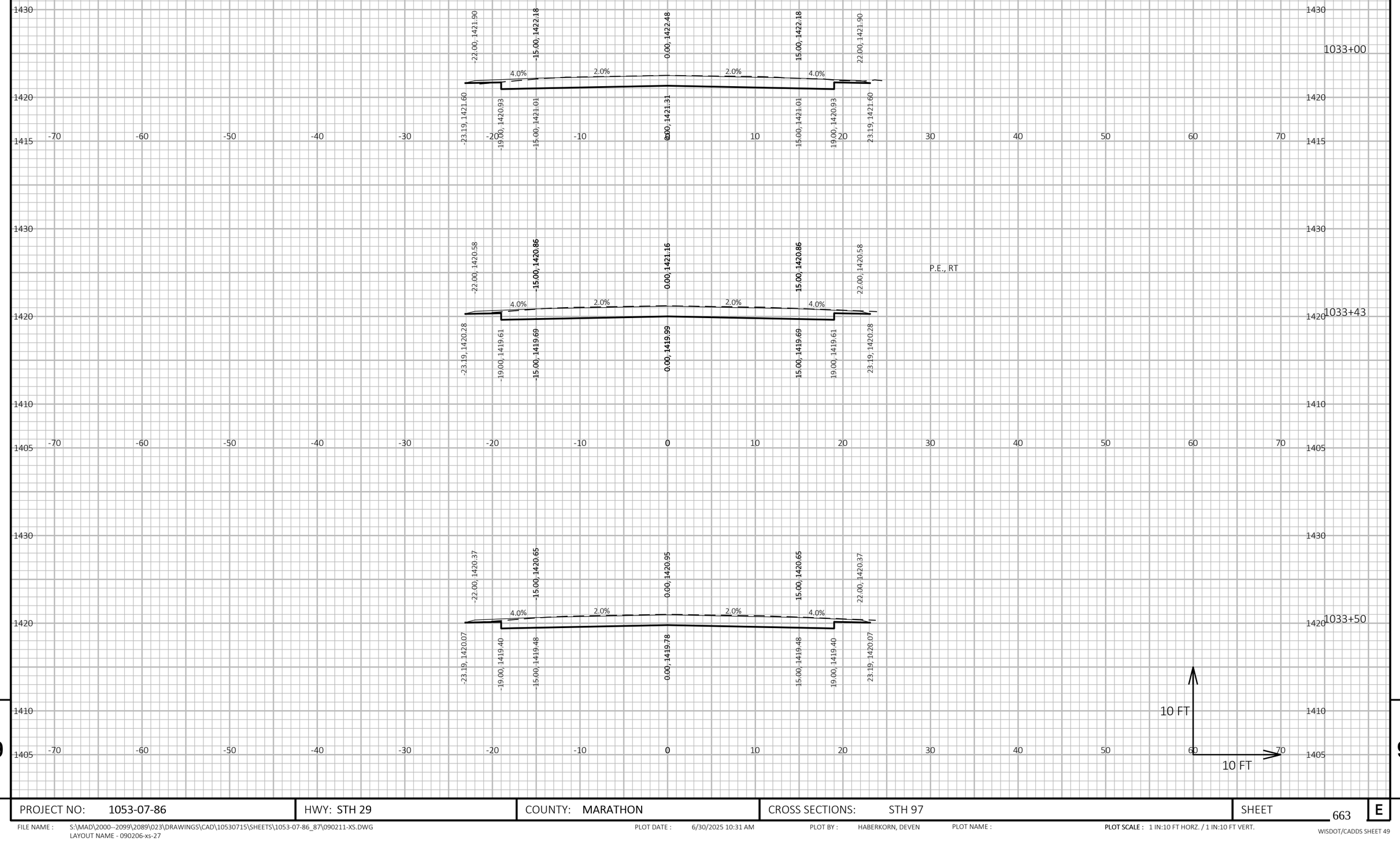
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 662	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-26

PLOT DATE : 6/30/2025 10:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

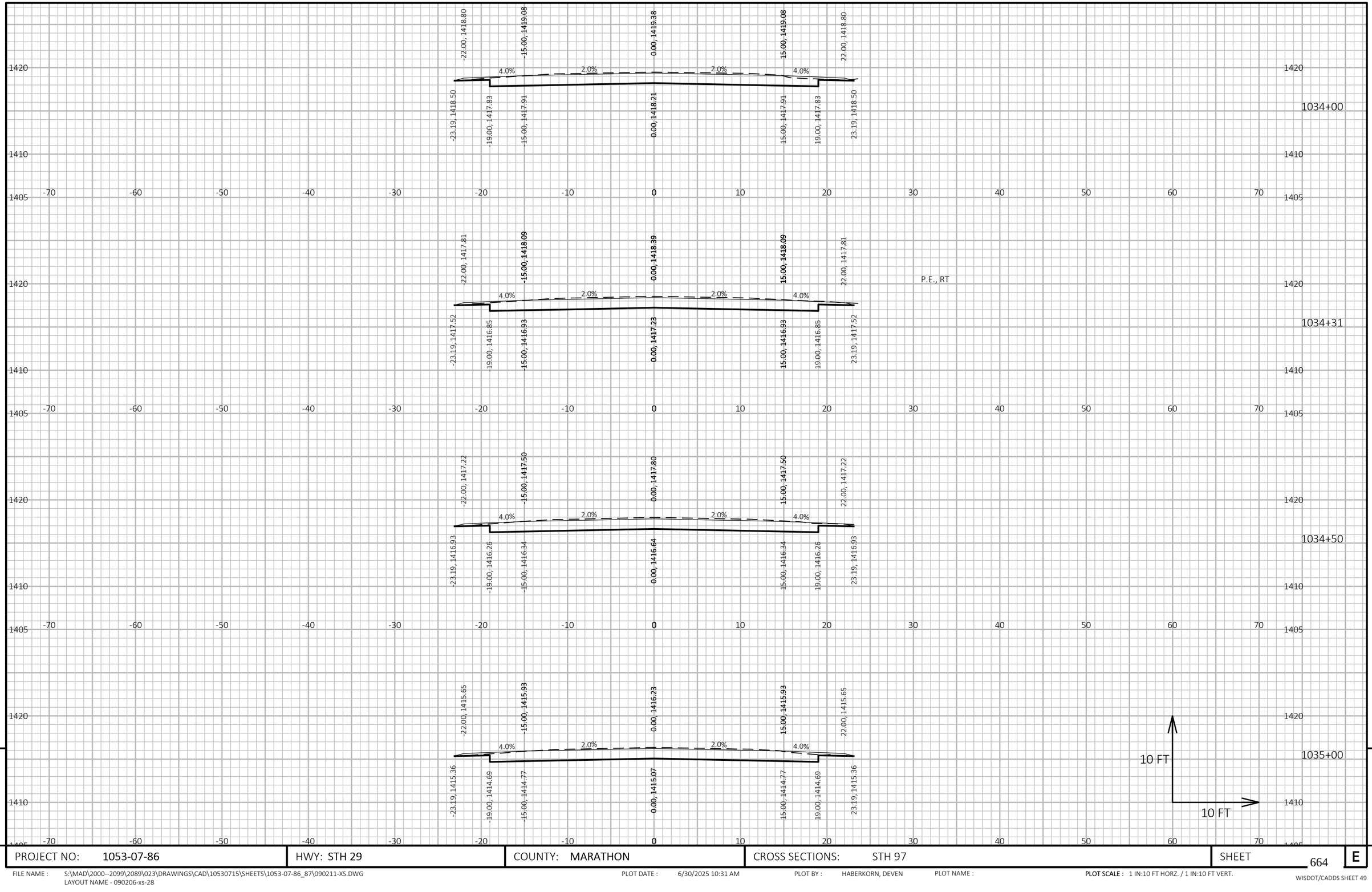


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 663	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-27

PLOT DATE : 6/30/2025 10:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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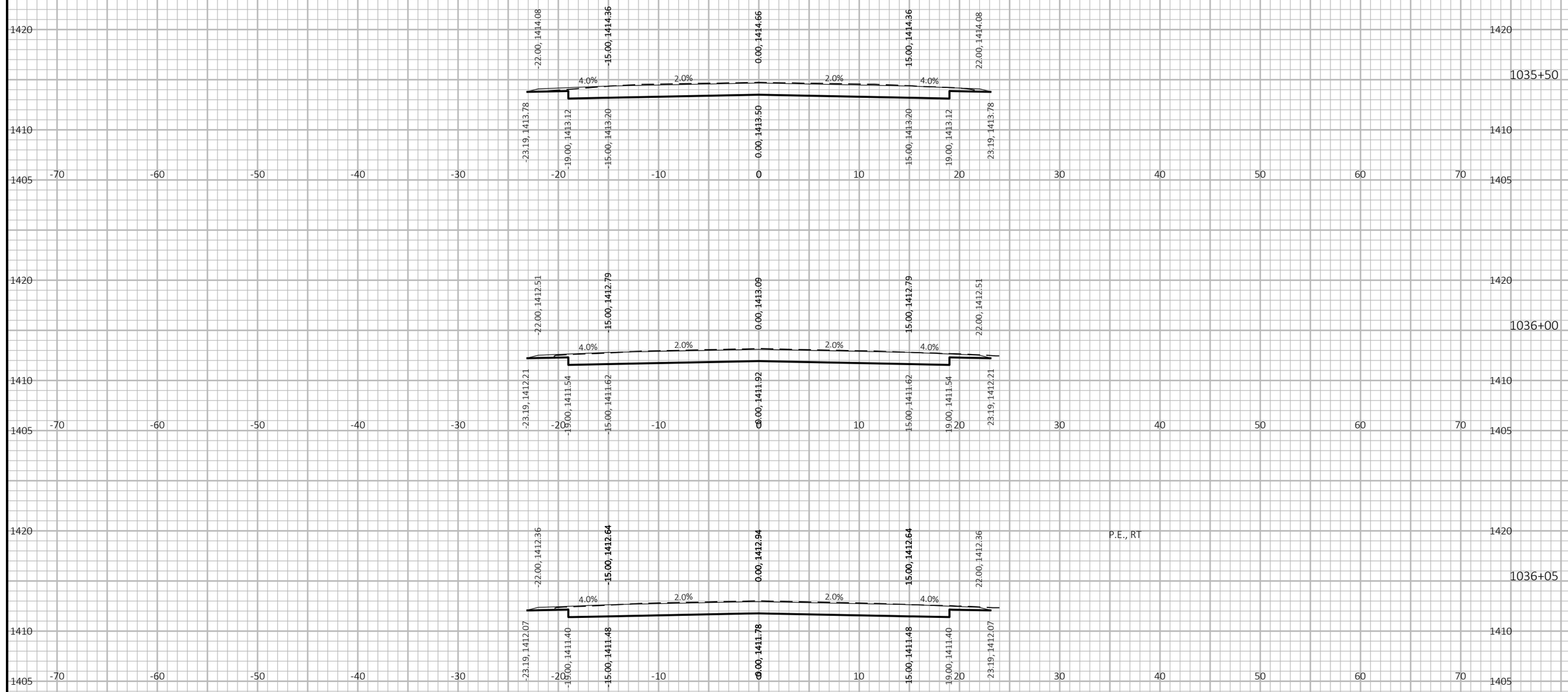
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 664	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-28

PLOT DATE : 6/30/2025 10:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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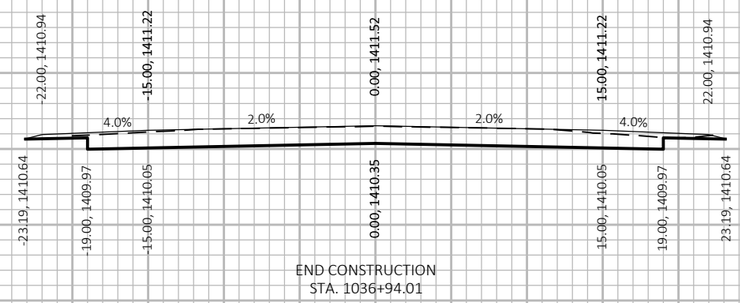
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 665	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-29

PLOT DATE : 6/30/2025 10:31 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



1036+50

1420
1410
1400
1395

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

10 FT
10 FT

9 9

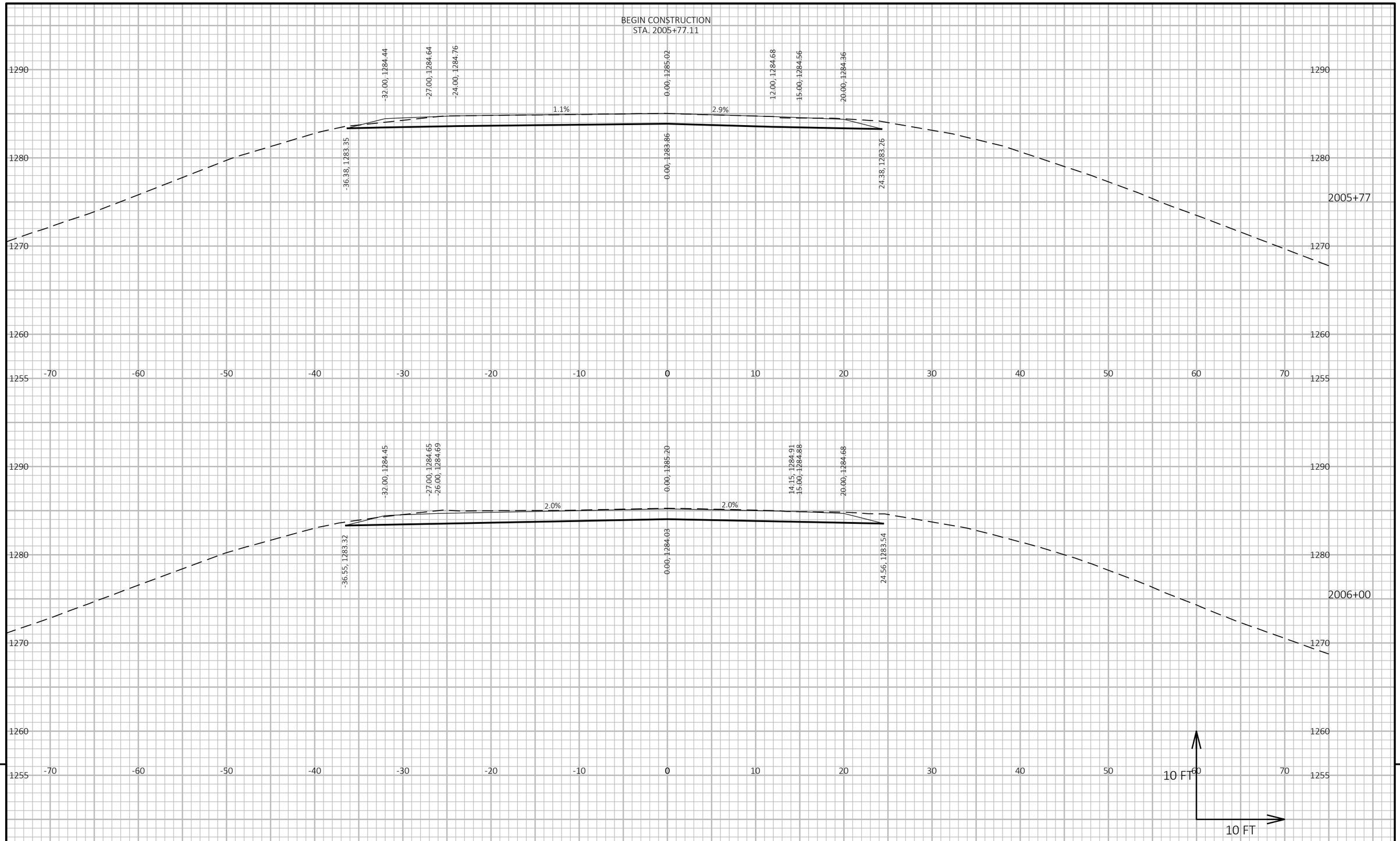
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: STH 97	SHEET 666	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090211-XS.DWG
LAYOUT NAME - 090206-xs-30

PLOT DATE : 6/30/2025 11:57 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

BEGIN CONSTRUCTION
STA. 2005+77.11



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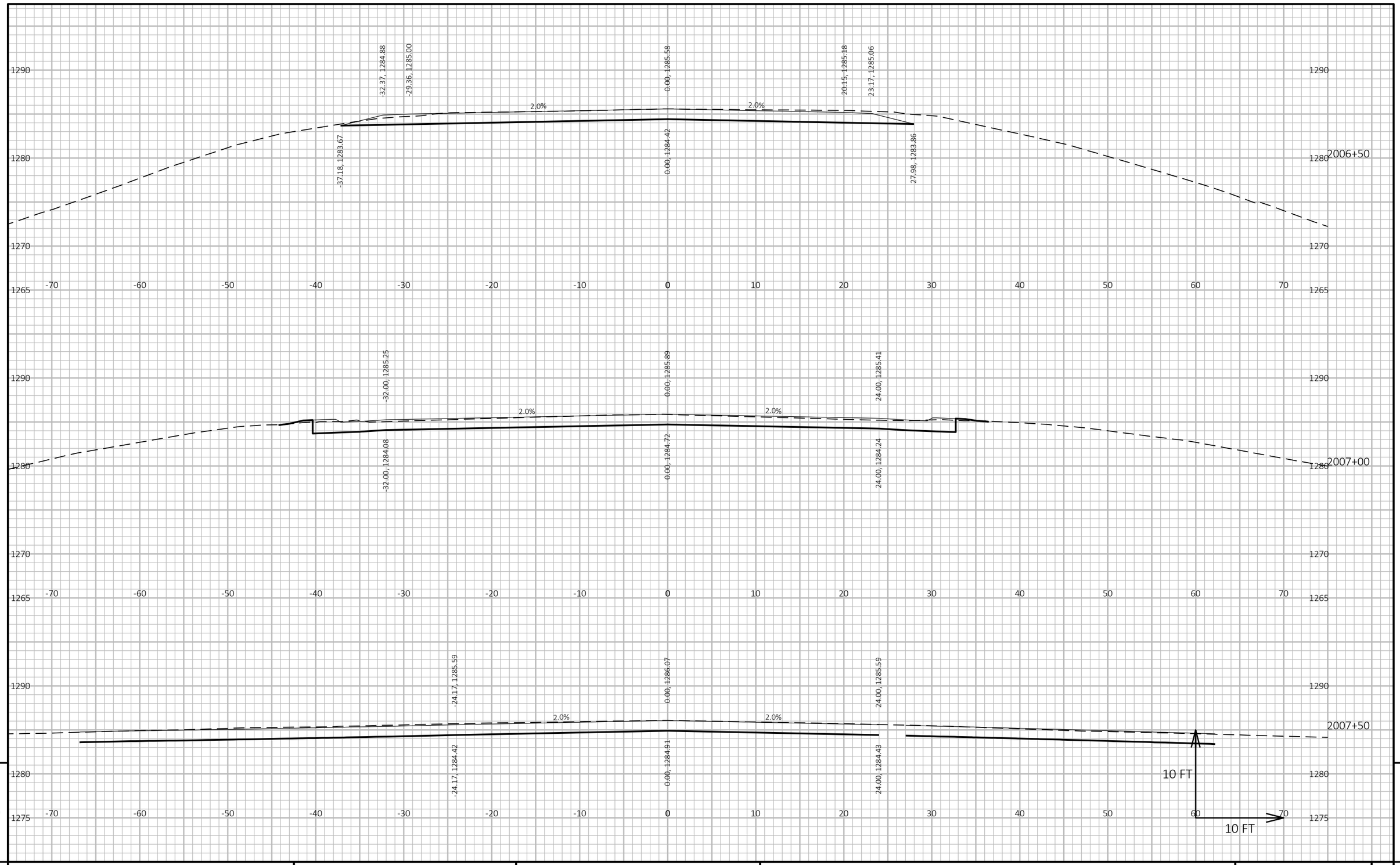
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 667	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-1

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

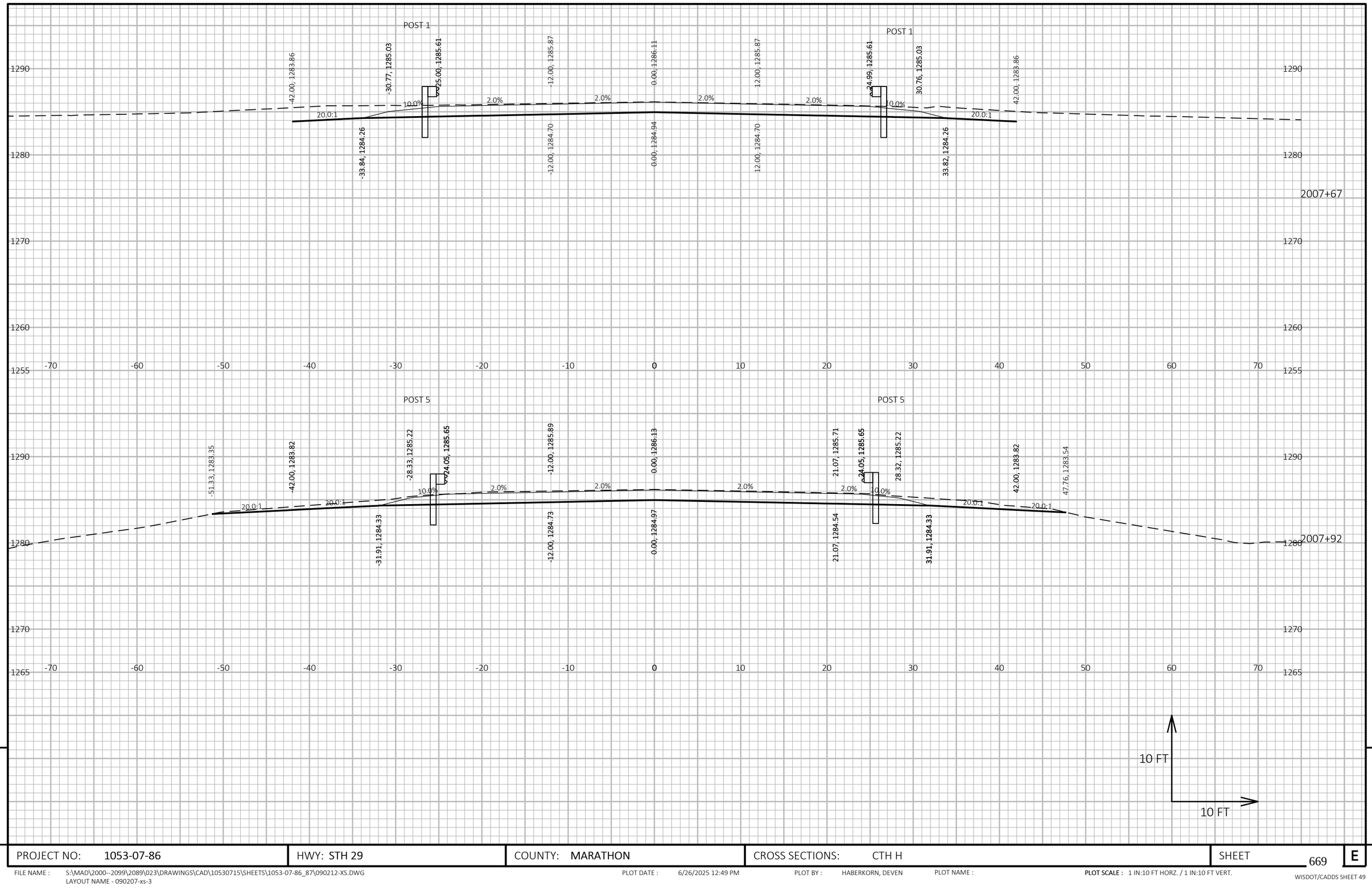


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 668	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-2

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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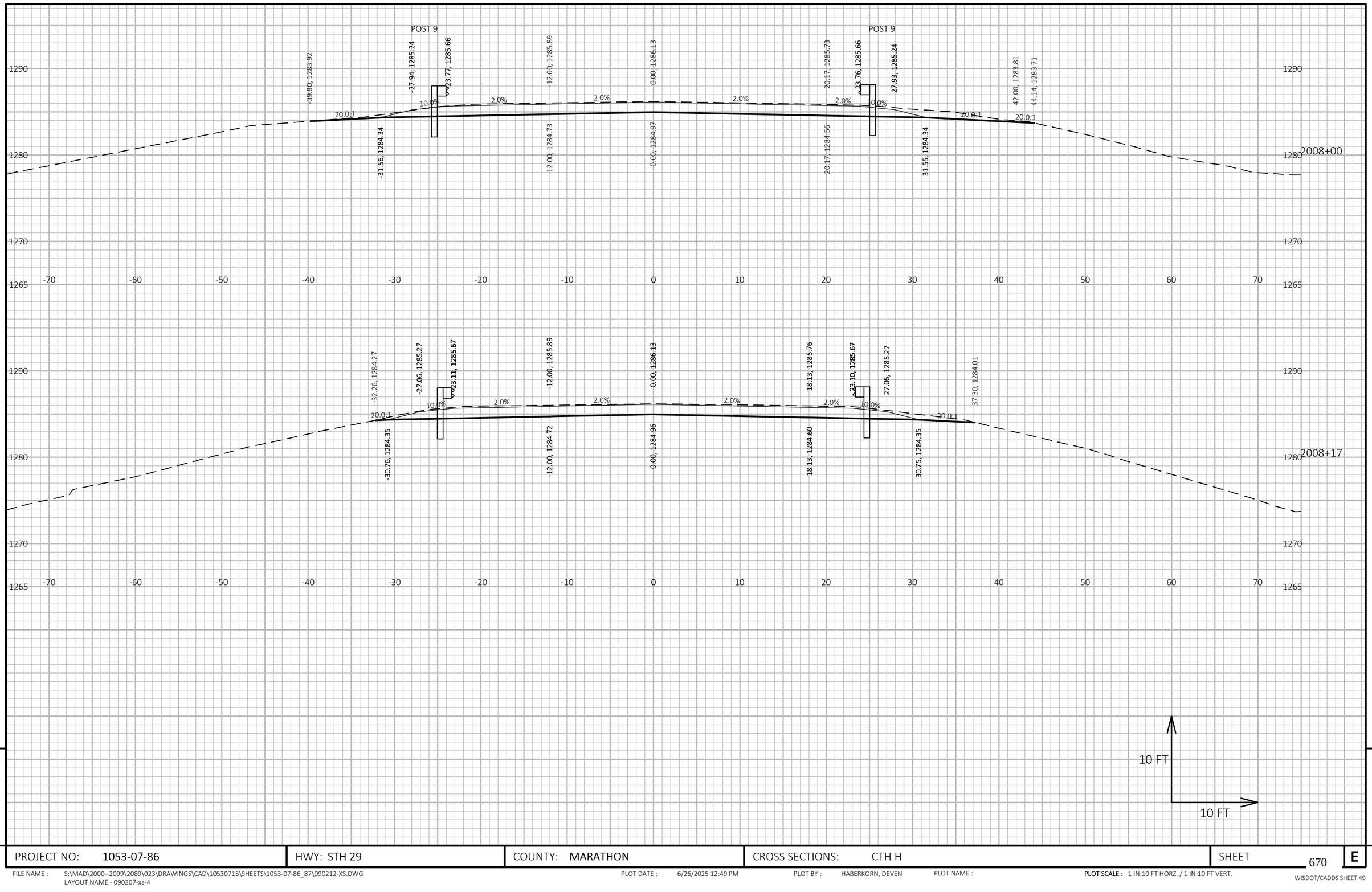
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 669	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-3

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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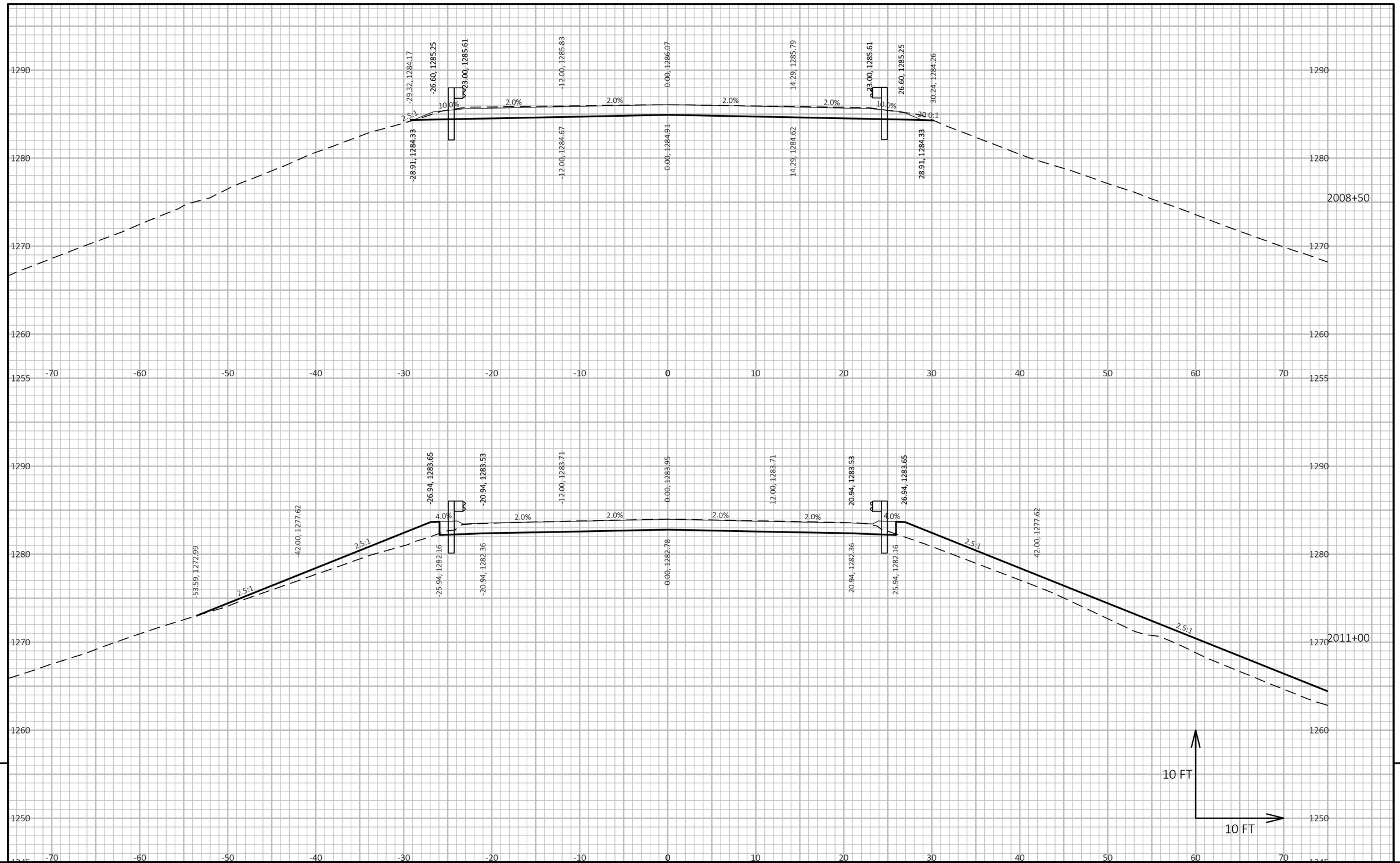
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 670	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-4

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

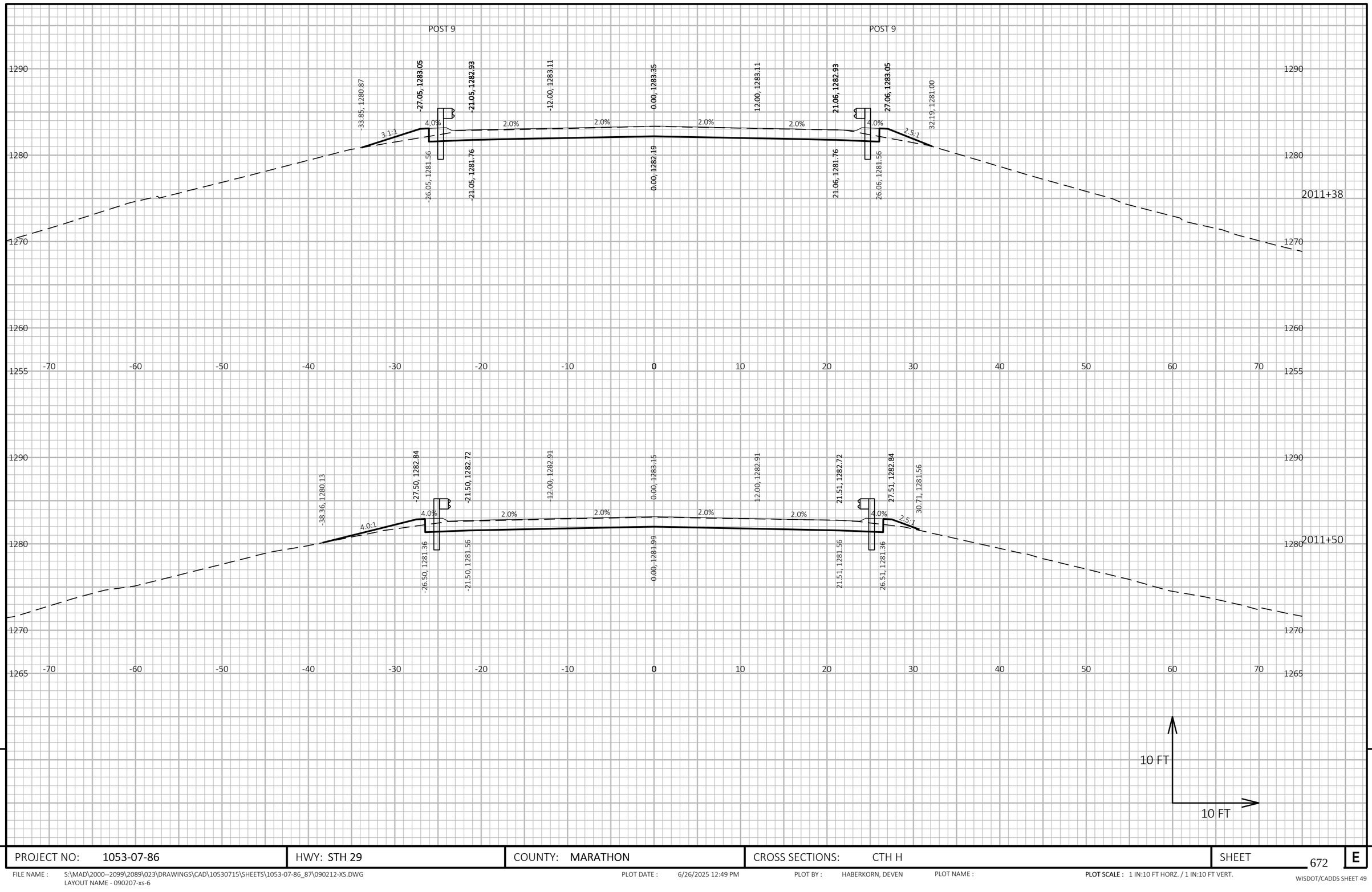


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 671 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-5

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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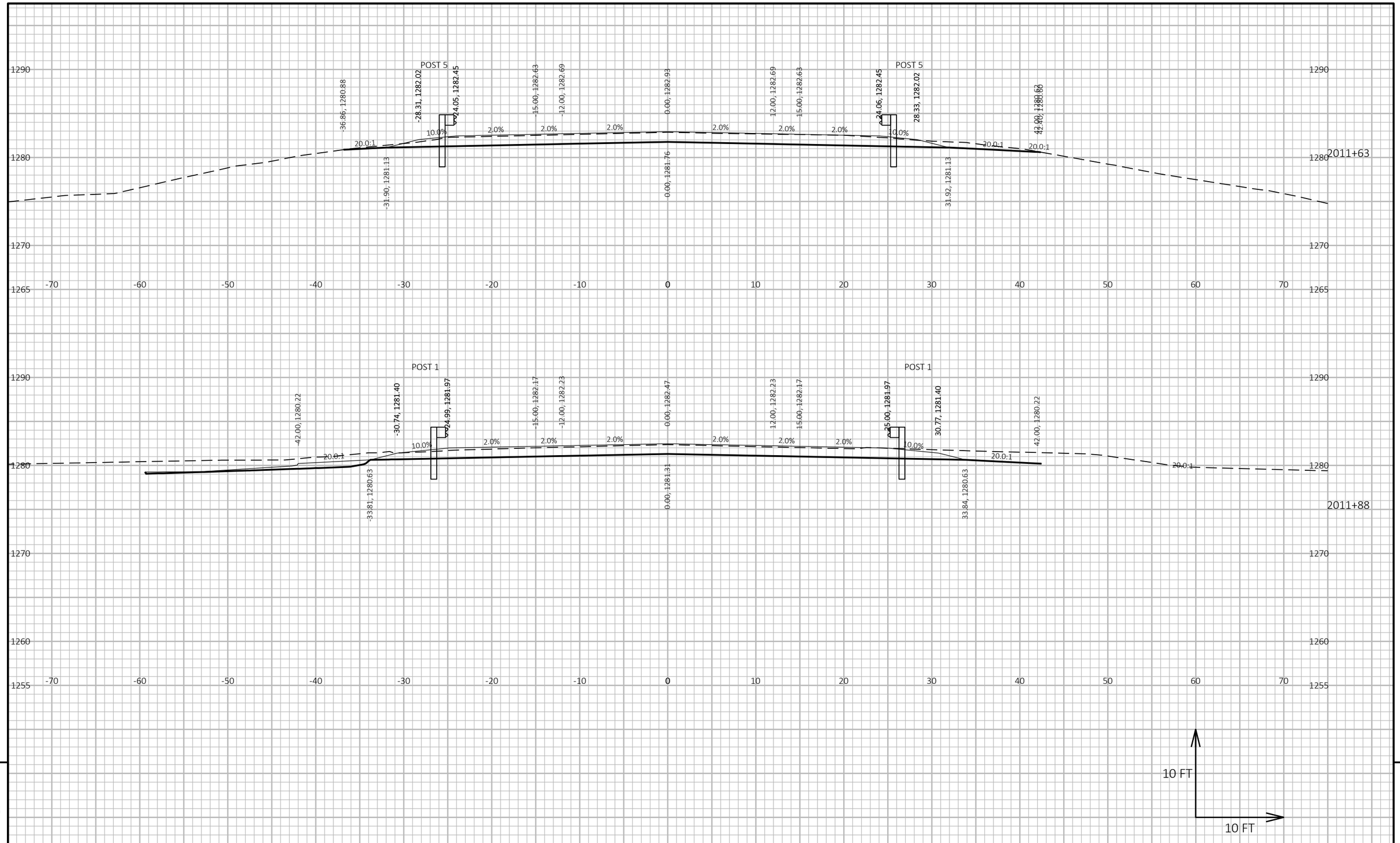
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 672	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-6

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



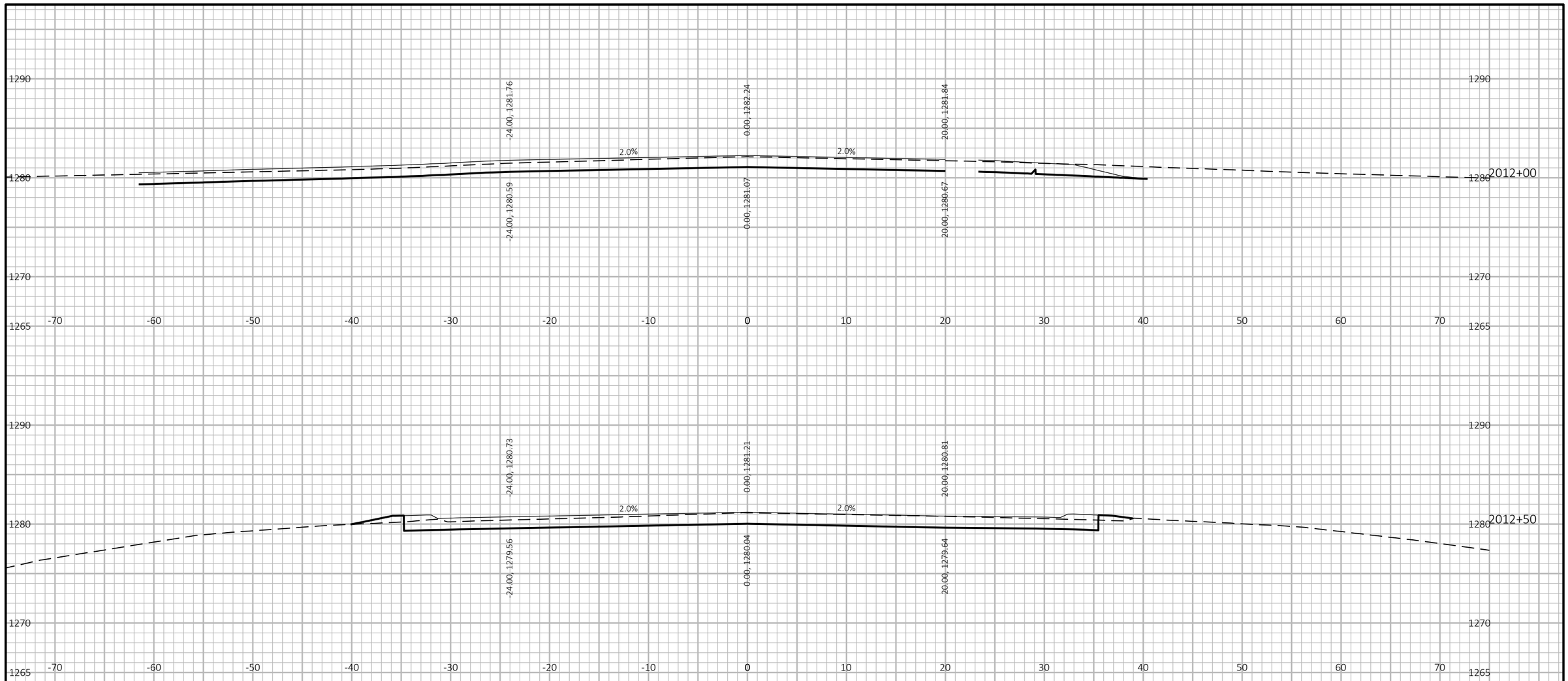
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 673	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-7

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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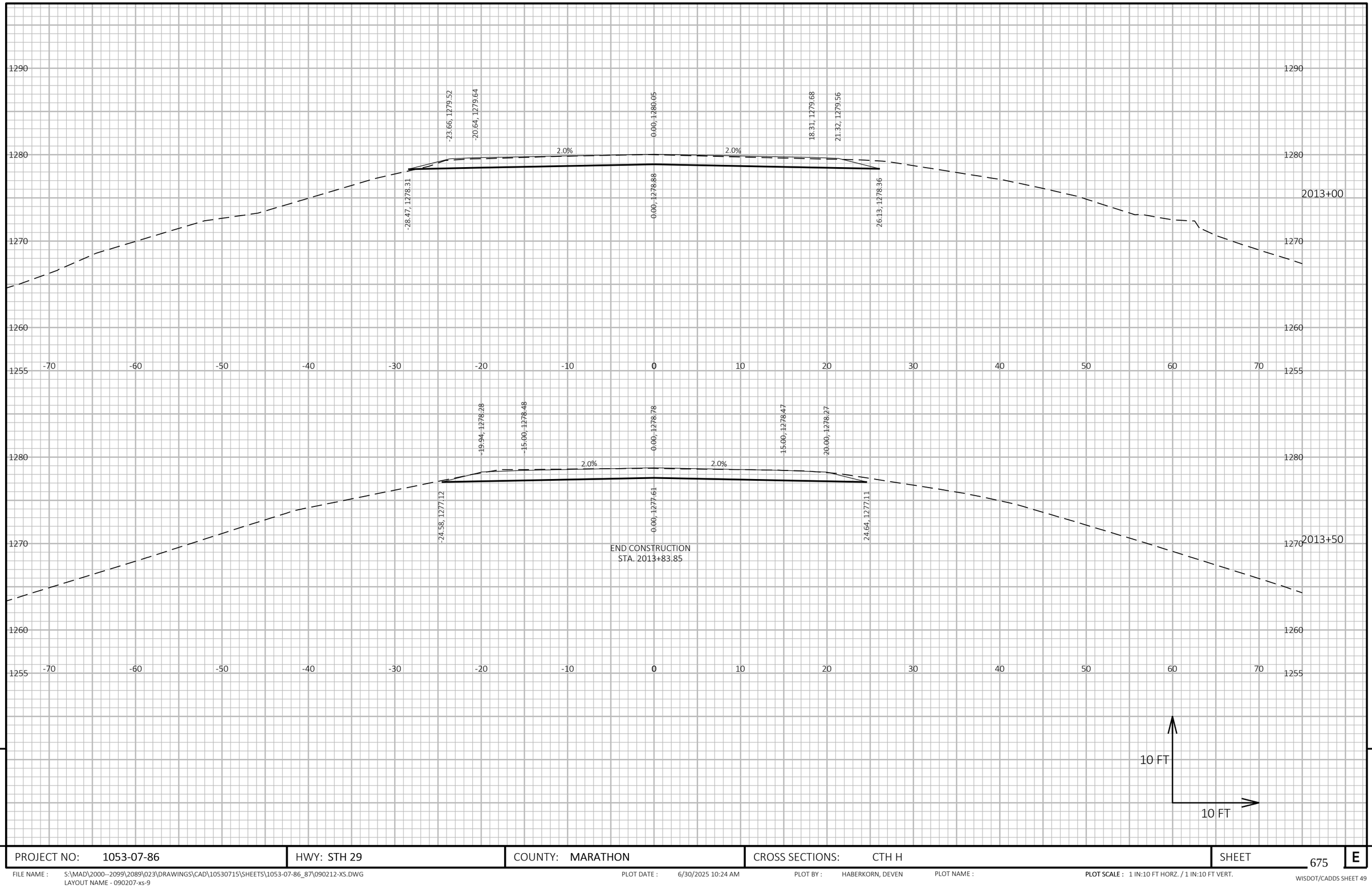
9

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 674	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-8

PLOT DATE : 6/26/2025 12:49 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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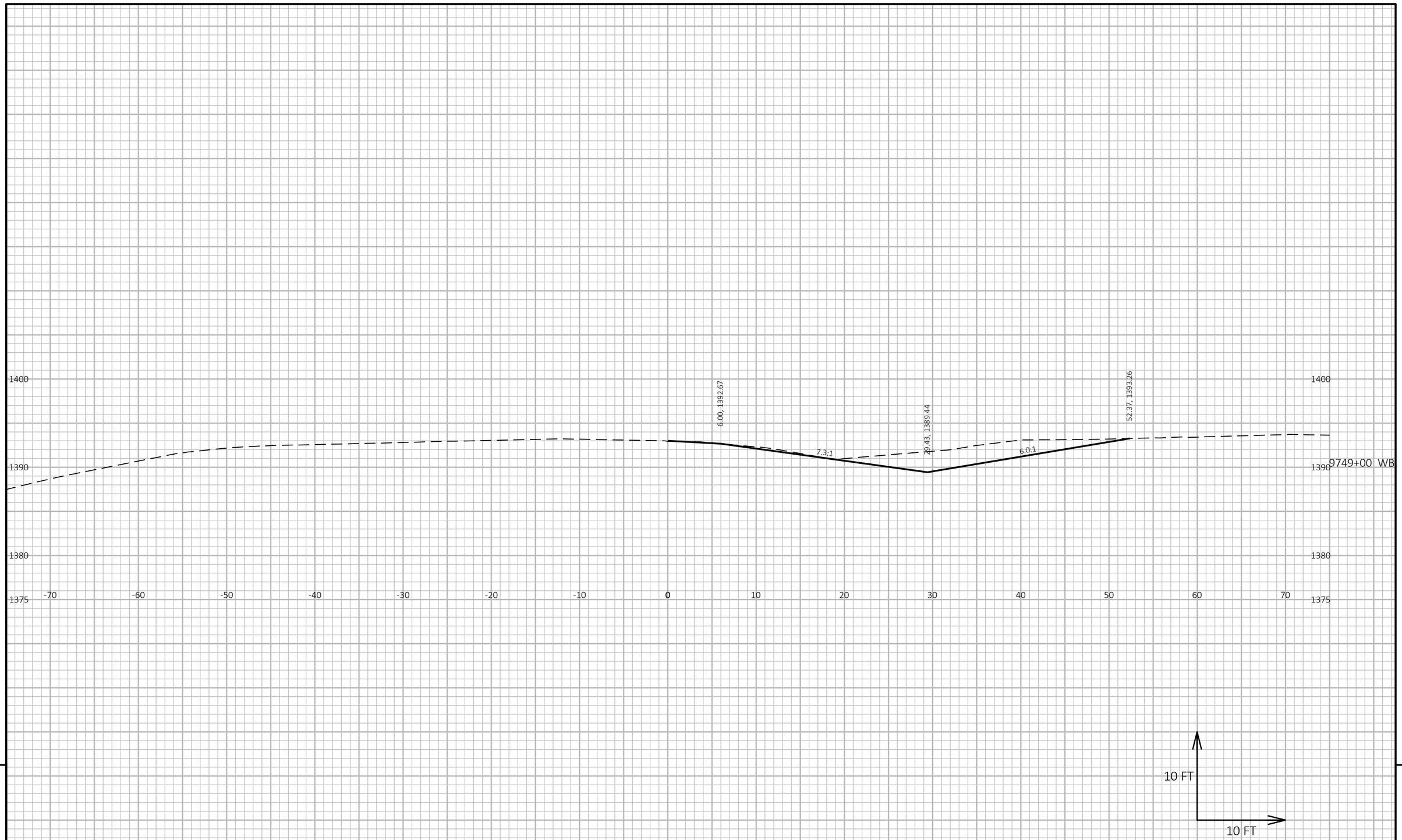
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H	SHEET 675	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090212-XS.DWG
LAYOUT NAME - 090207-xs-9

PLOT DATE : 6/30/2025 10:24 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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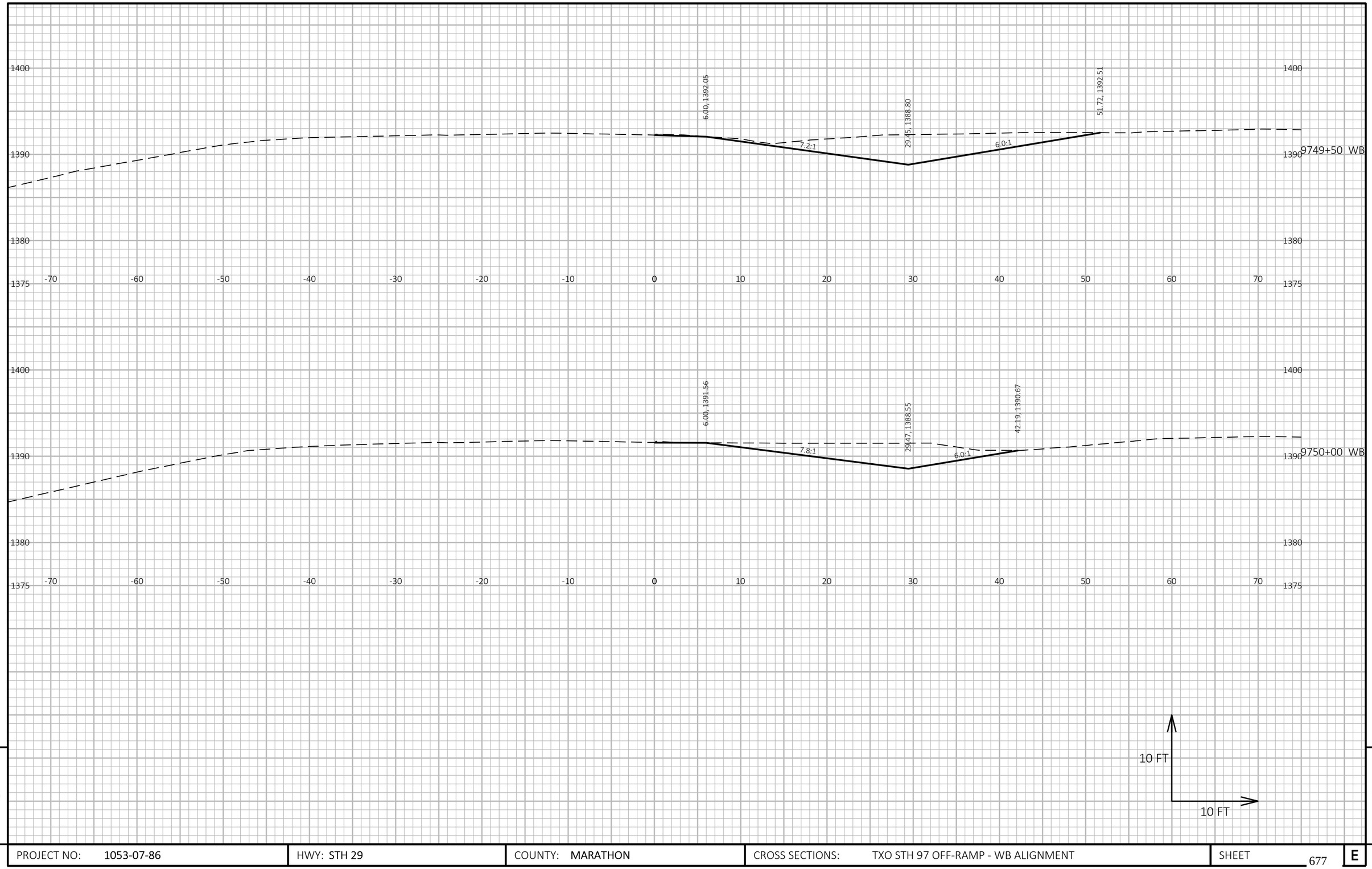
9

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - WB ALIGNMENT	SHEET 676	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 090201-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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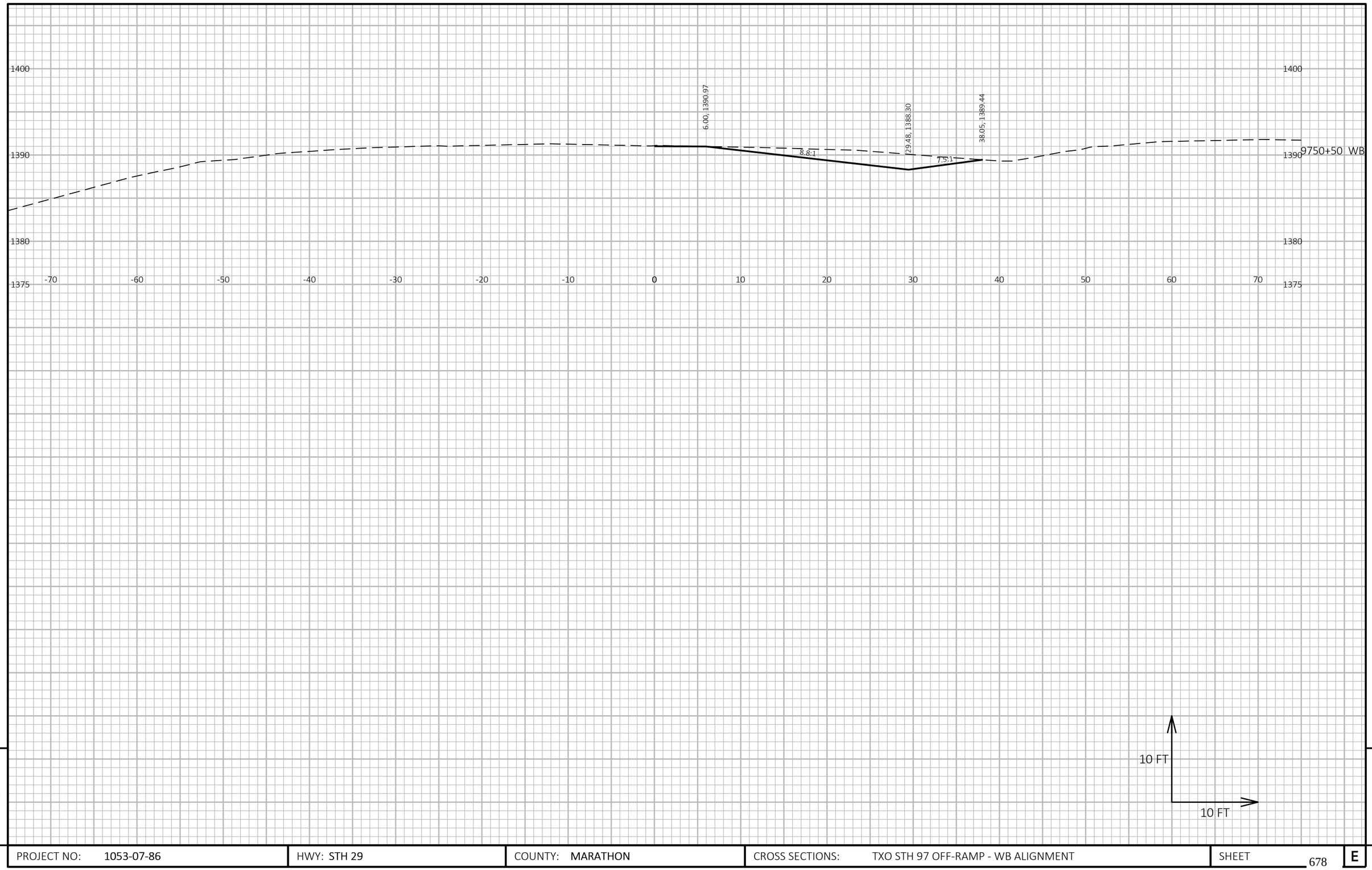
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - WB ALIGNMENT	SHEET 677	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 090202-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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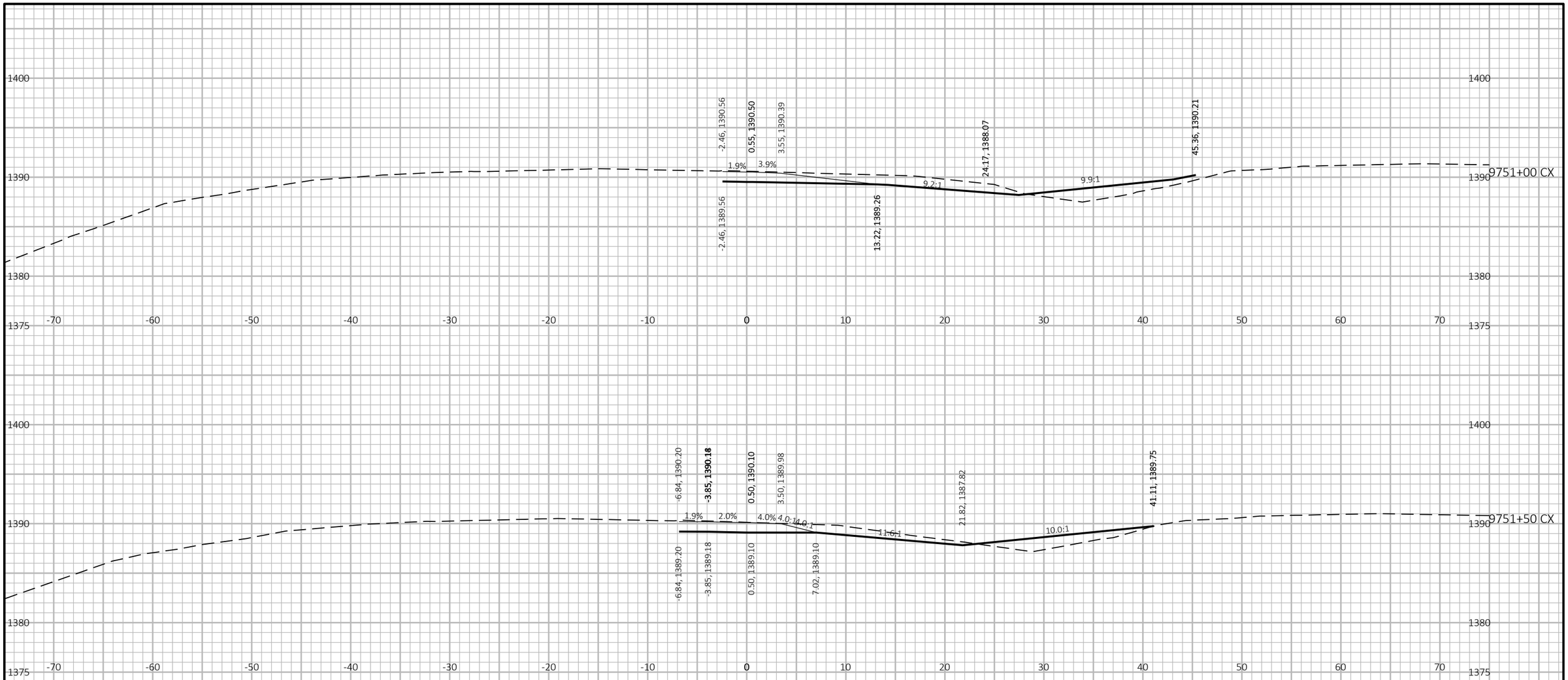
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - WB ALIGNMENT	SHEET 678	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 090203-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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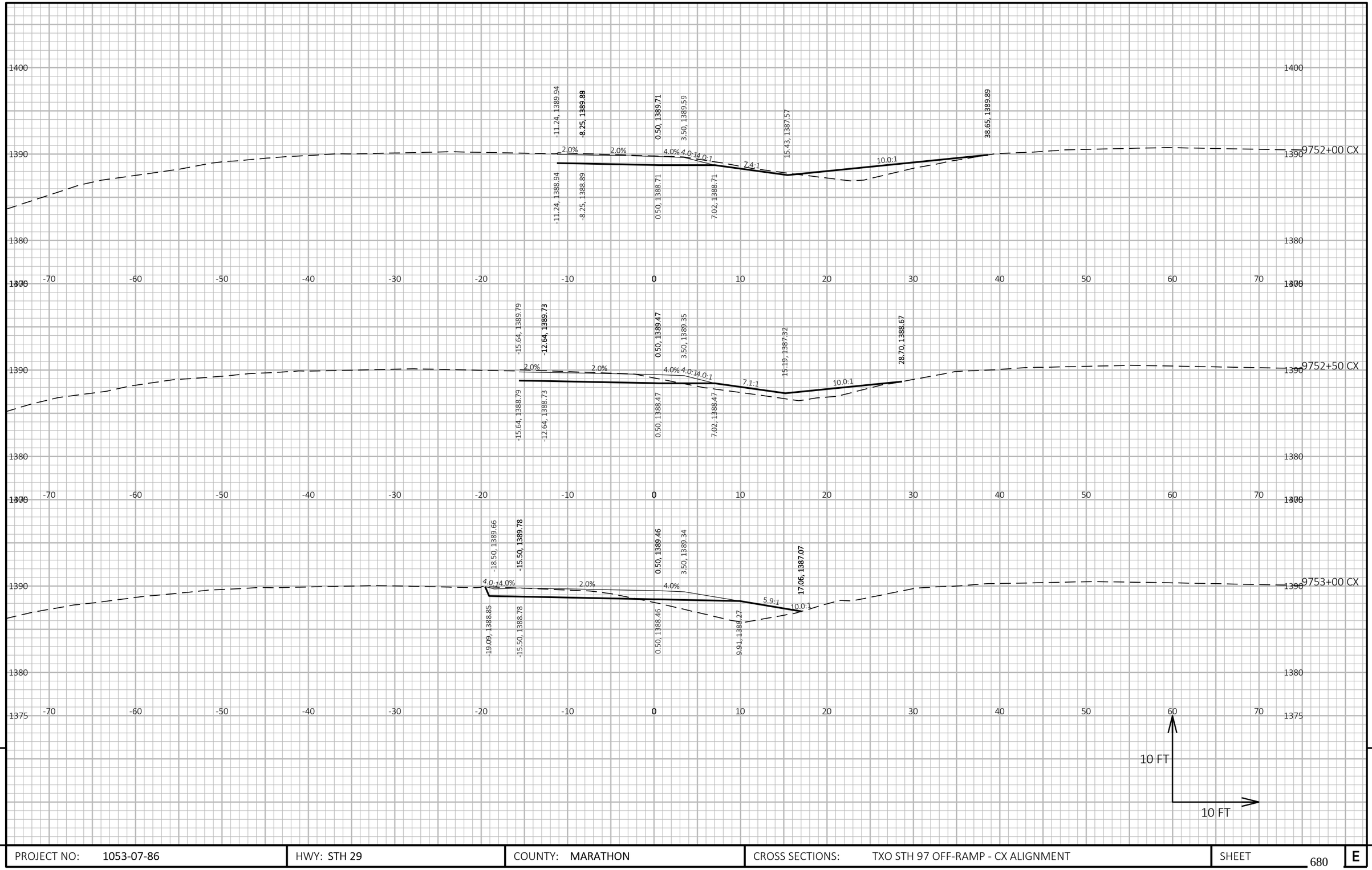
9

PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 679	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902149-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

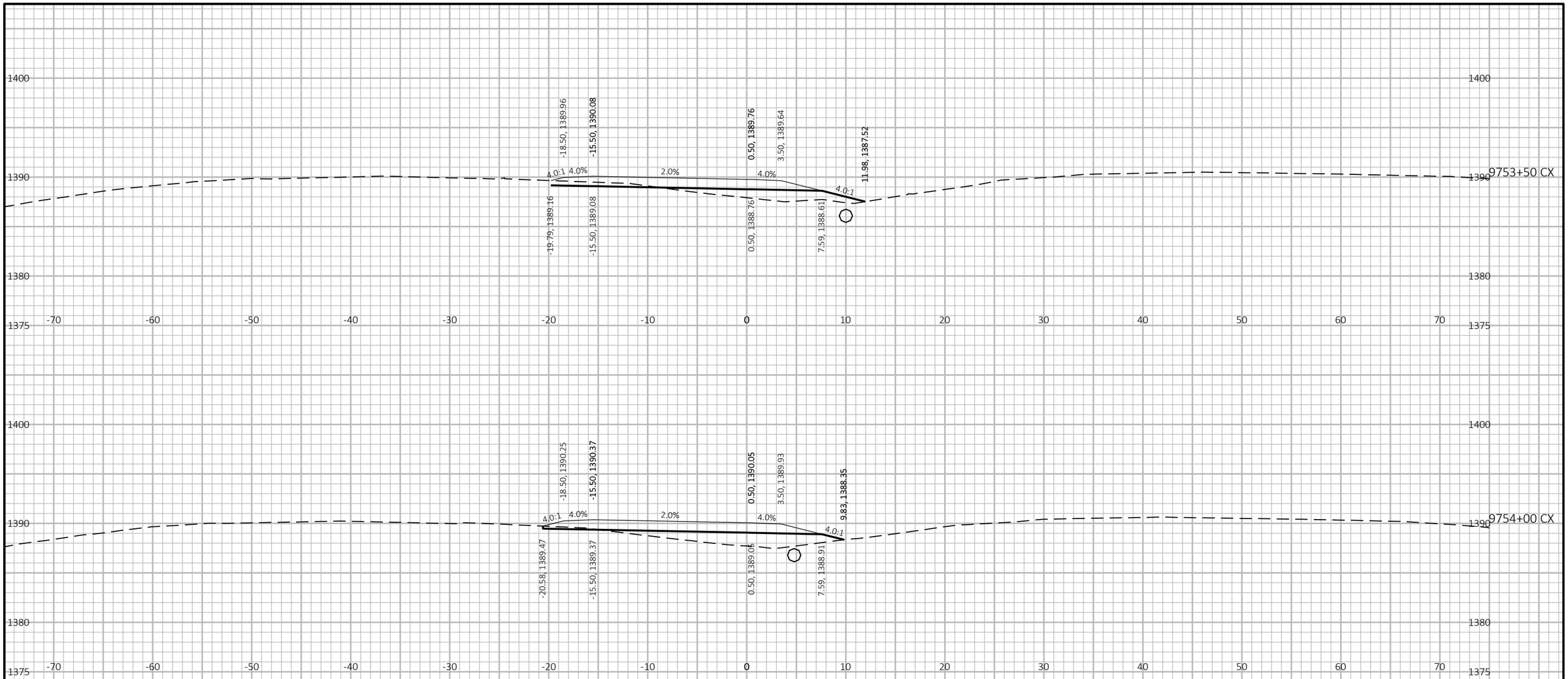


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 680	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902150-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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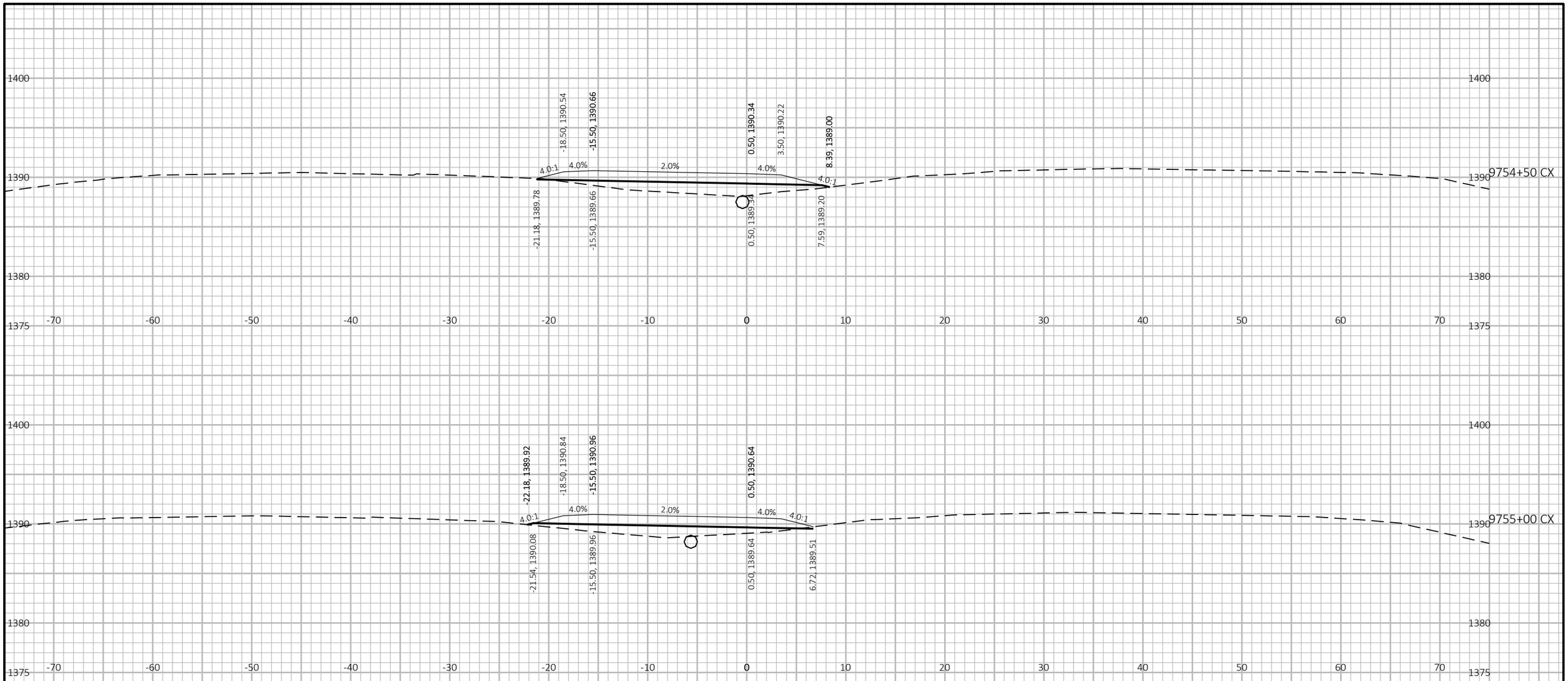
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 681	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902151-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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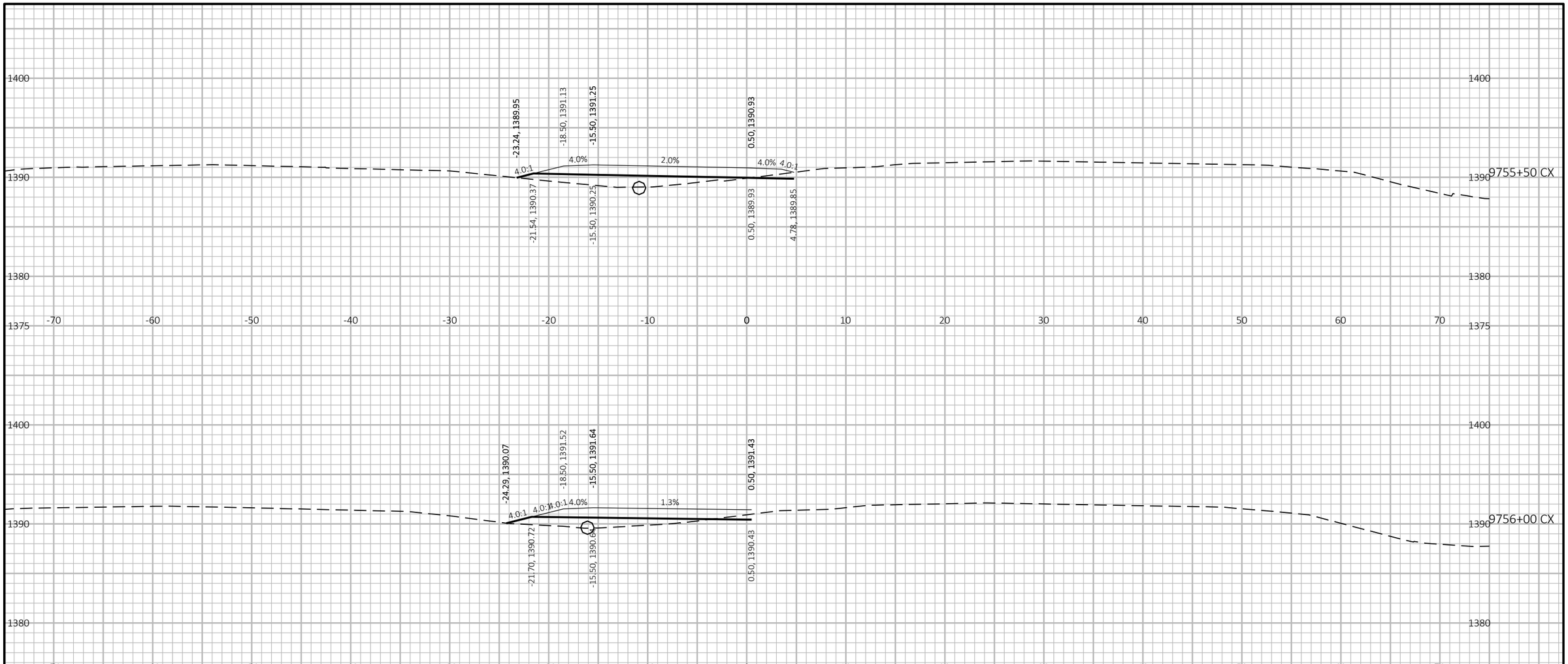
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 682	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902152-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

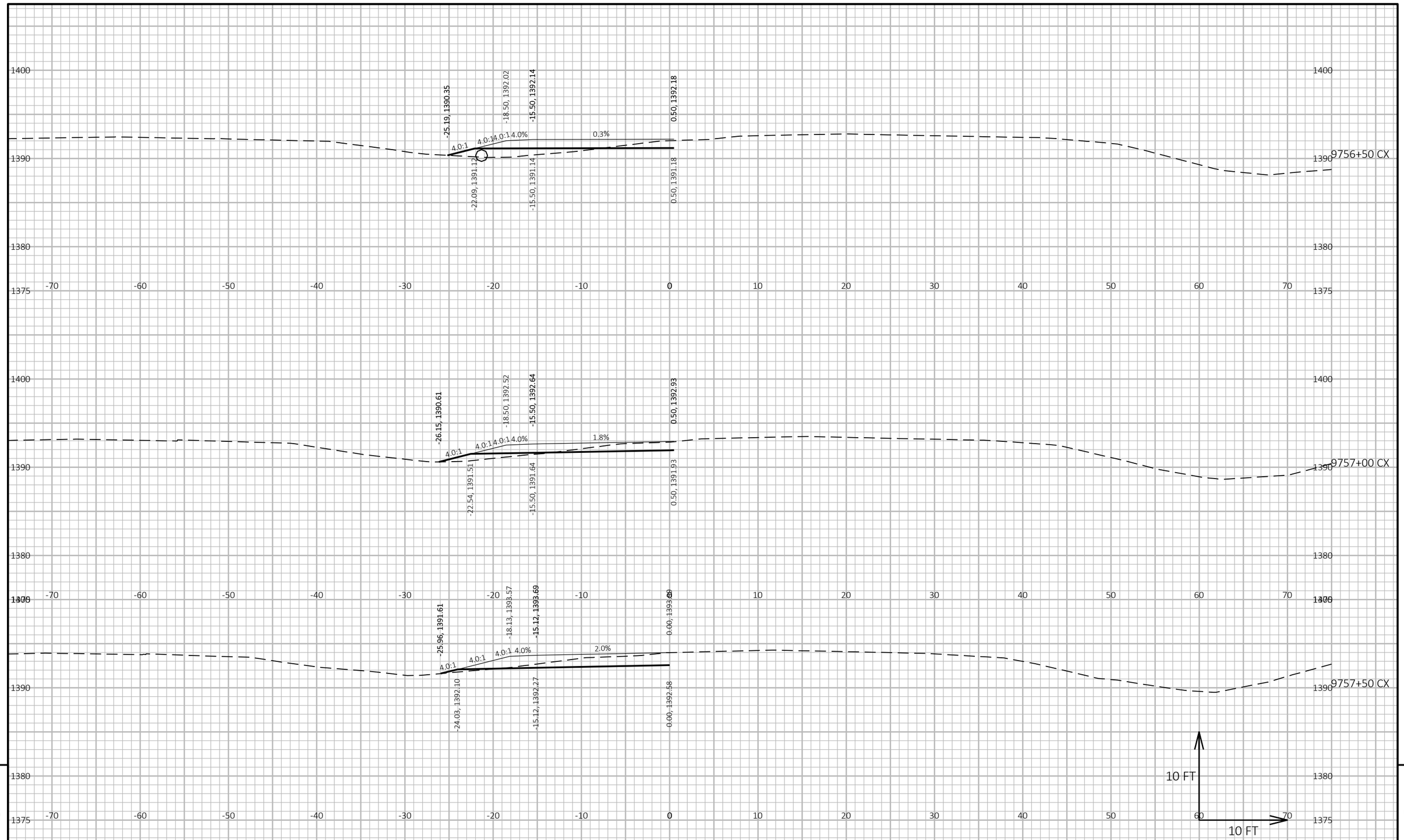
WISDOT/CADDS SHEET 49



PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 683	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902153-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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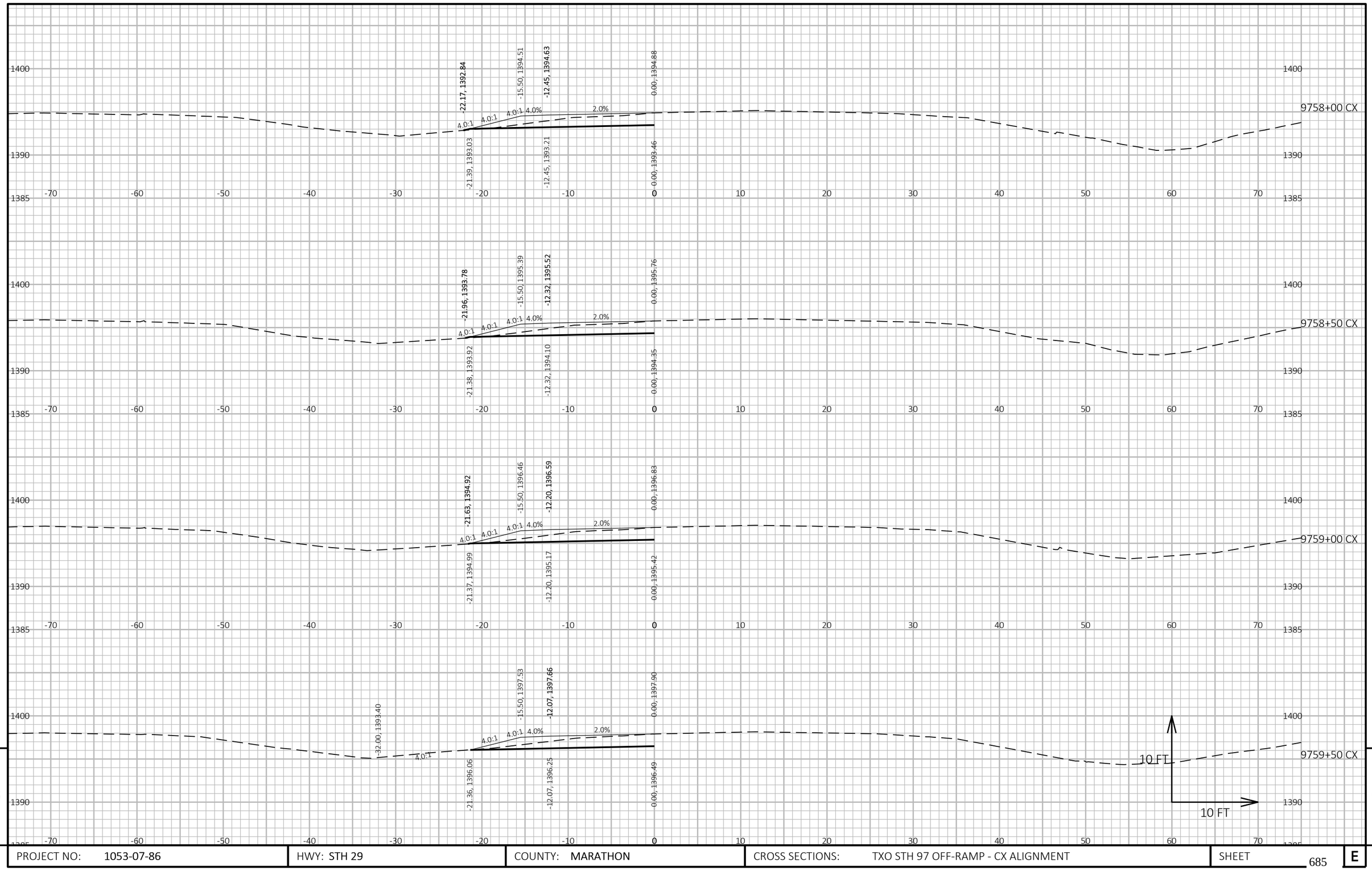
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 684	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902154-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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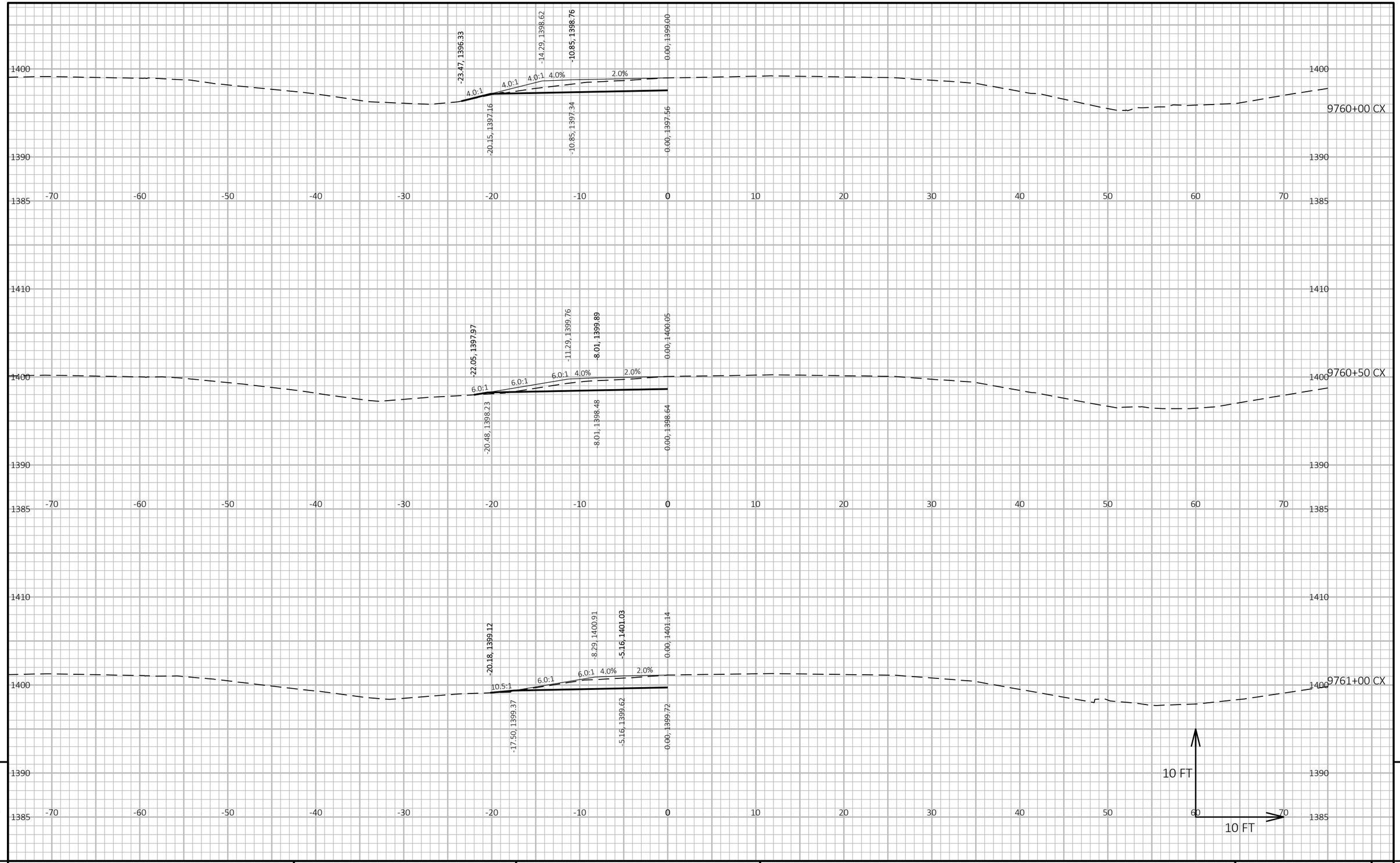
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 685	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902155-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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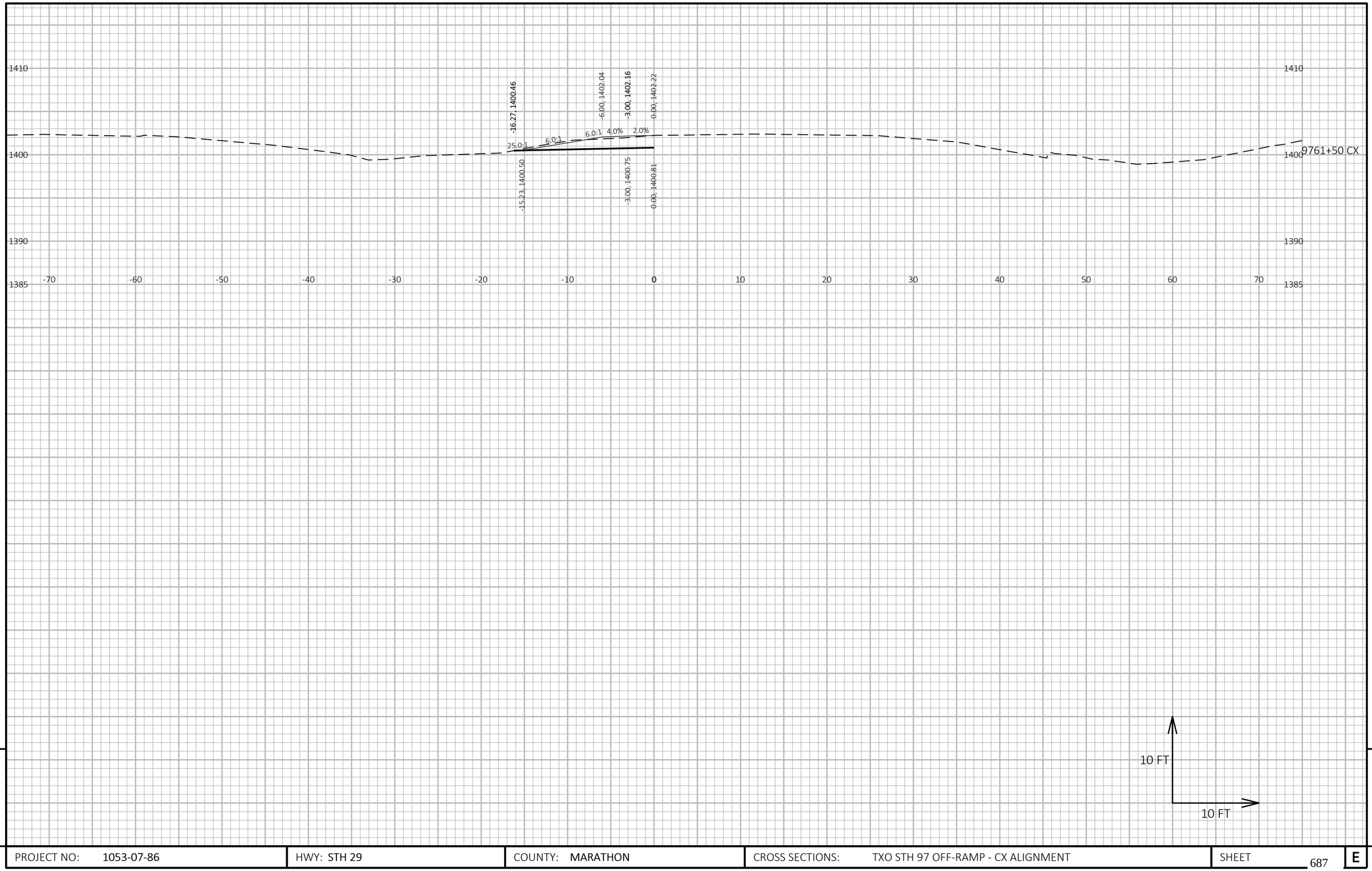
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 686	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902156-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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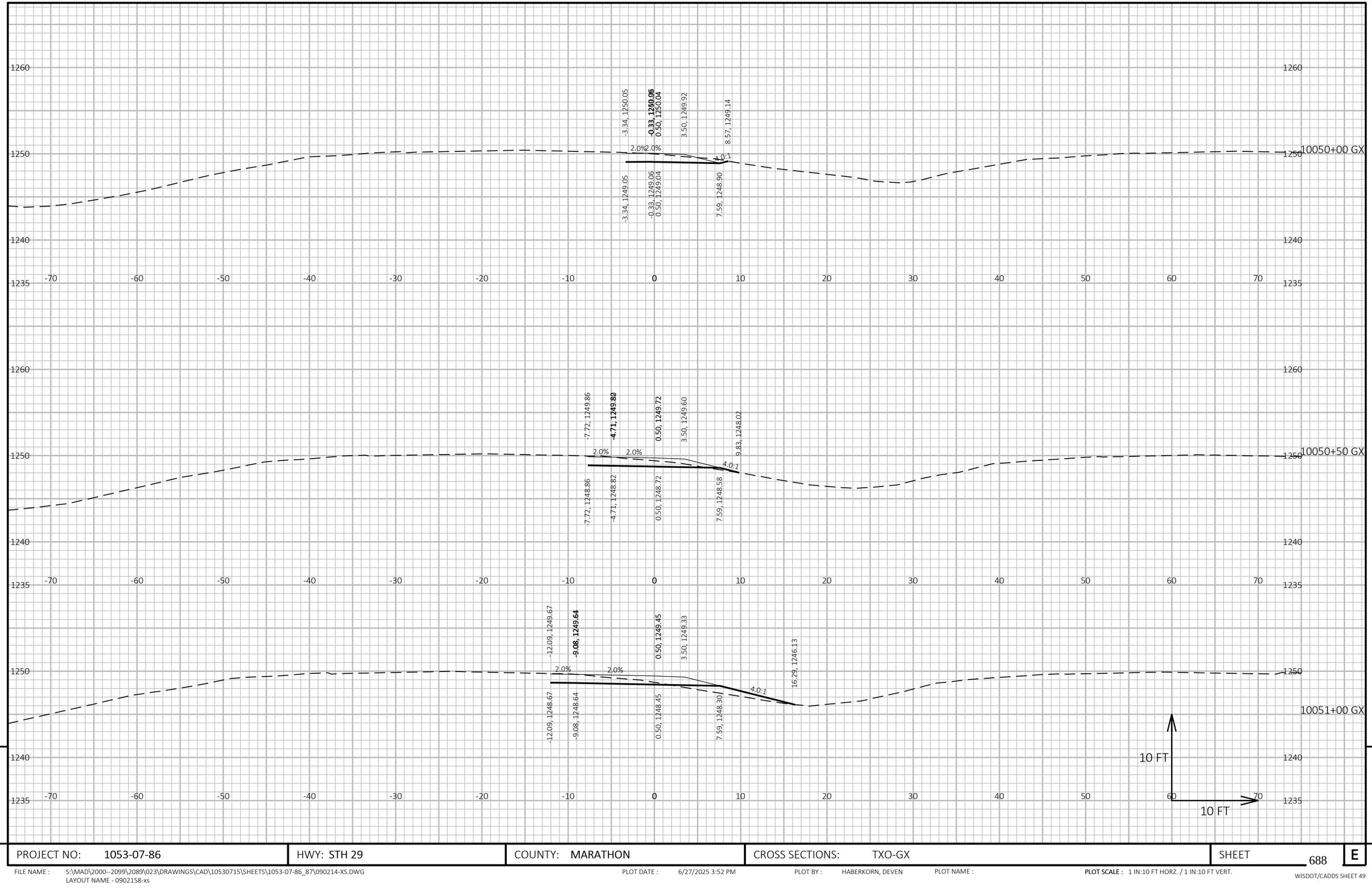
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO STH 97 OFF-RAMP - CX ALIGNMENT	SHEET 687	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902157-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

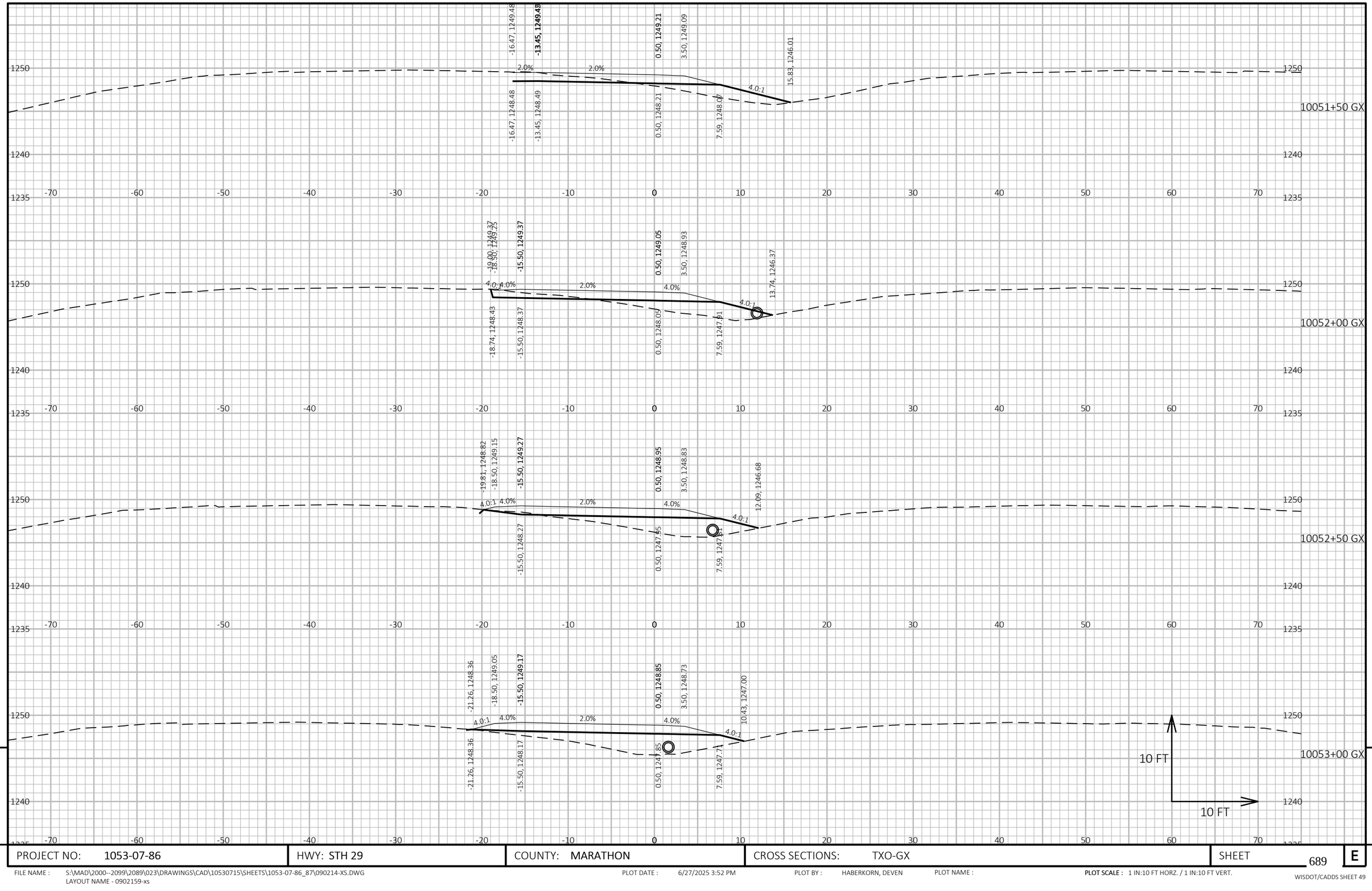


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO-GX	SHEET 688	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902158-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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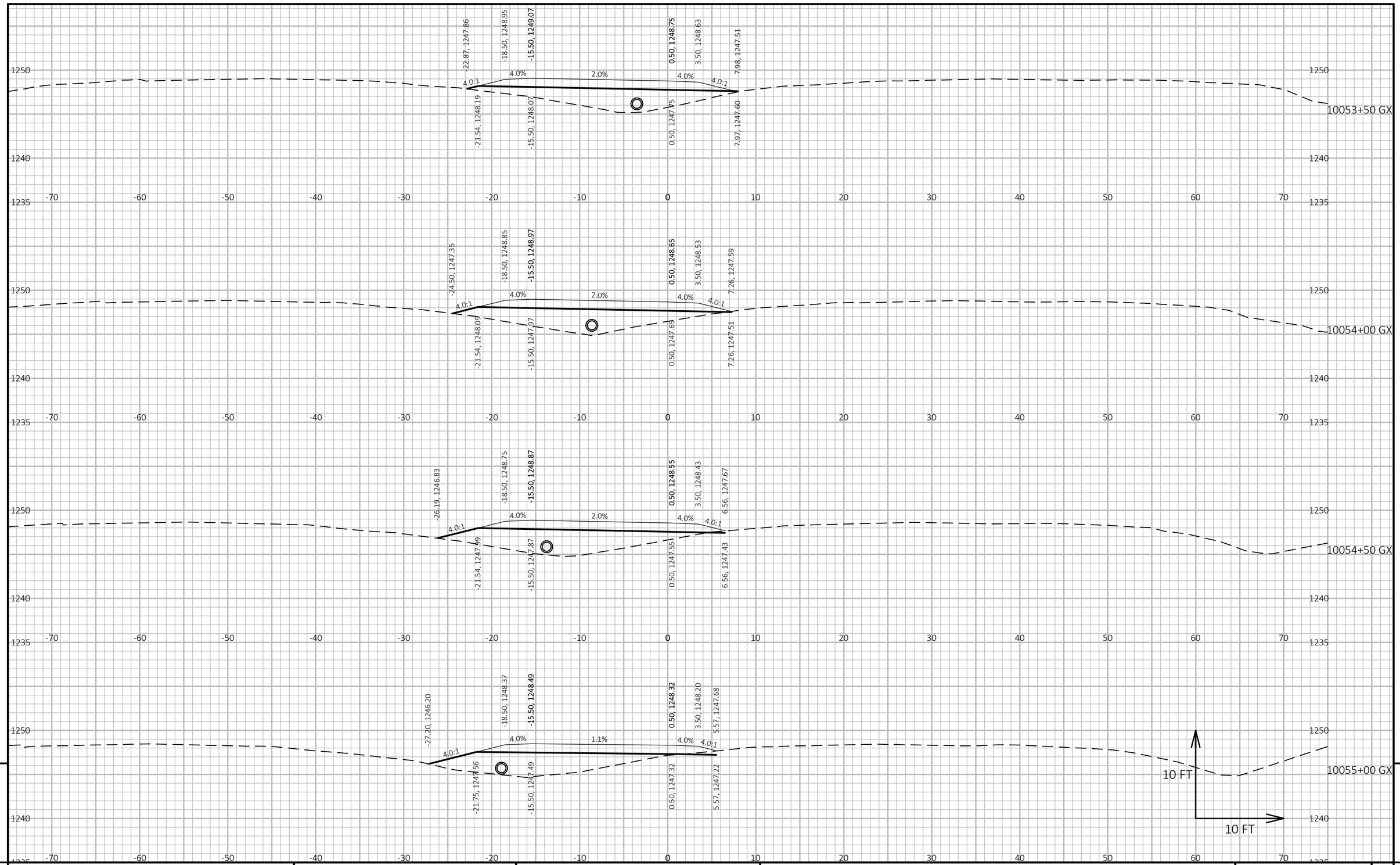
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO-GX	SHEET 689	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902159-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO-GX	SHEET 690	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902160-xs

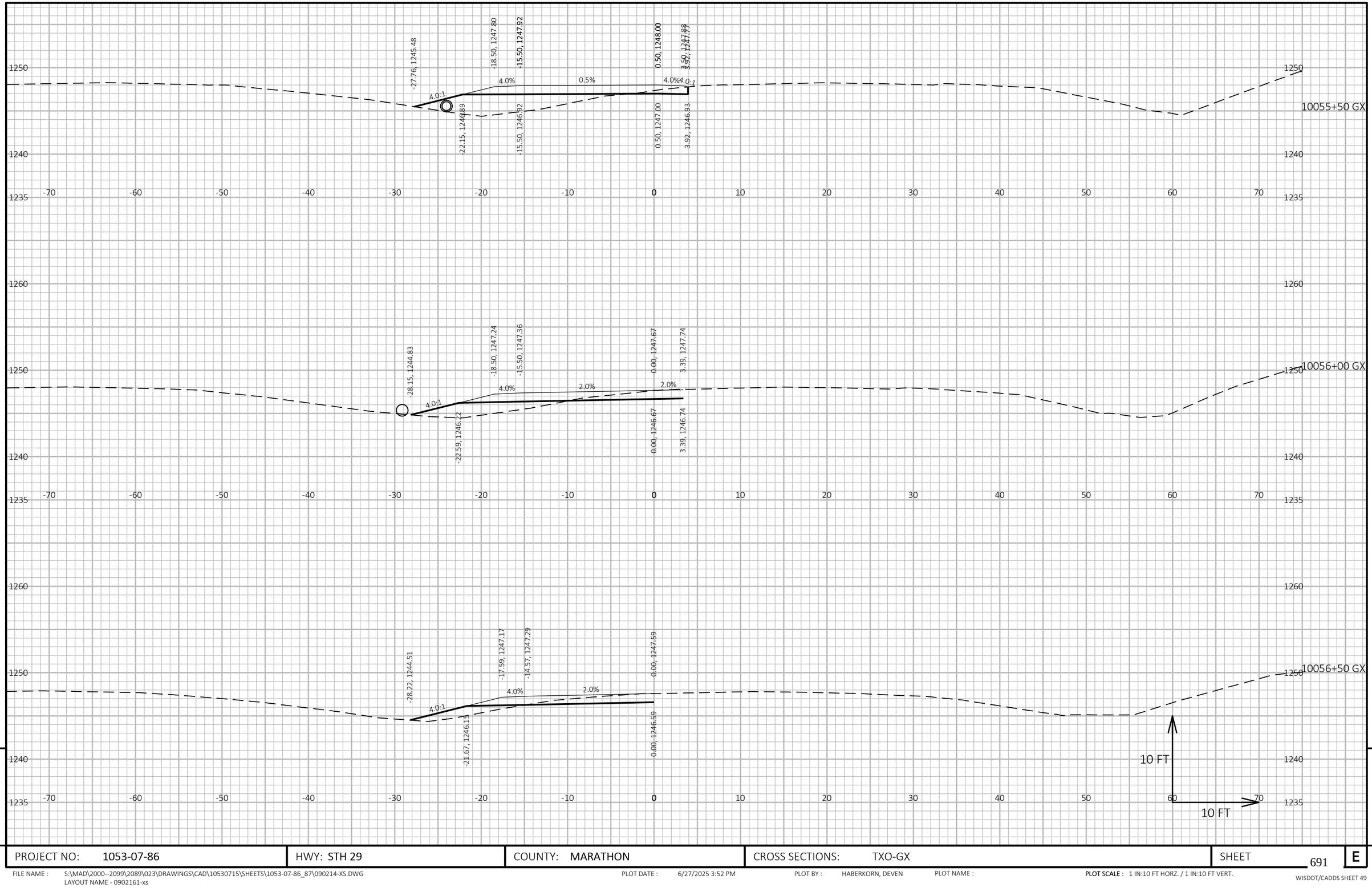
PLOT DATE : 6/27/2025 3:52 PM

PLOT BY : HABERKORN, DEVEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

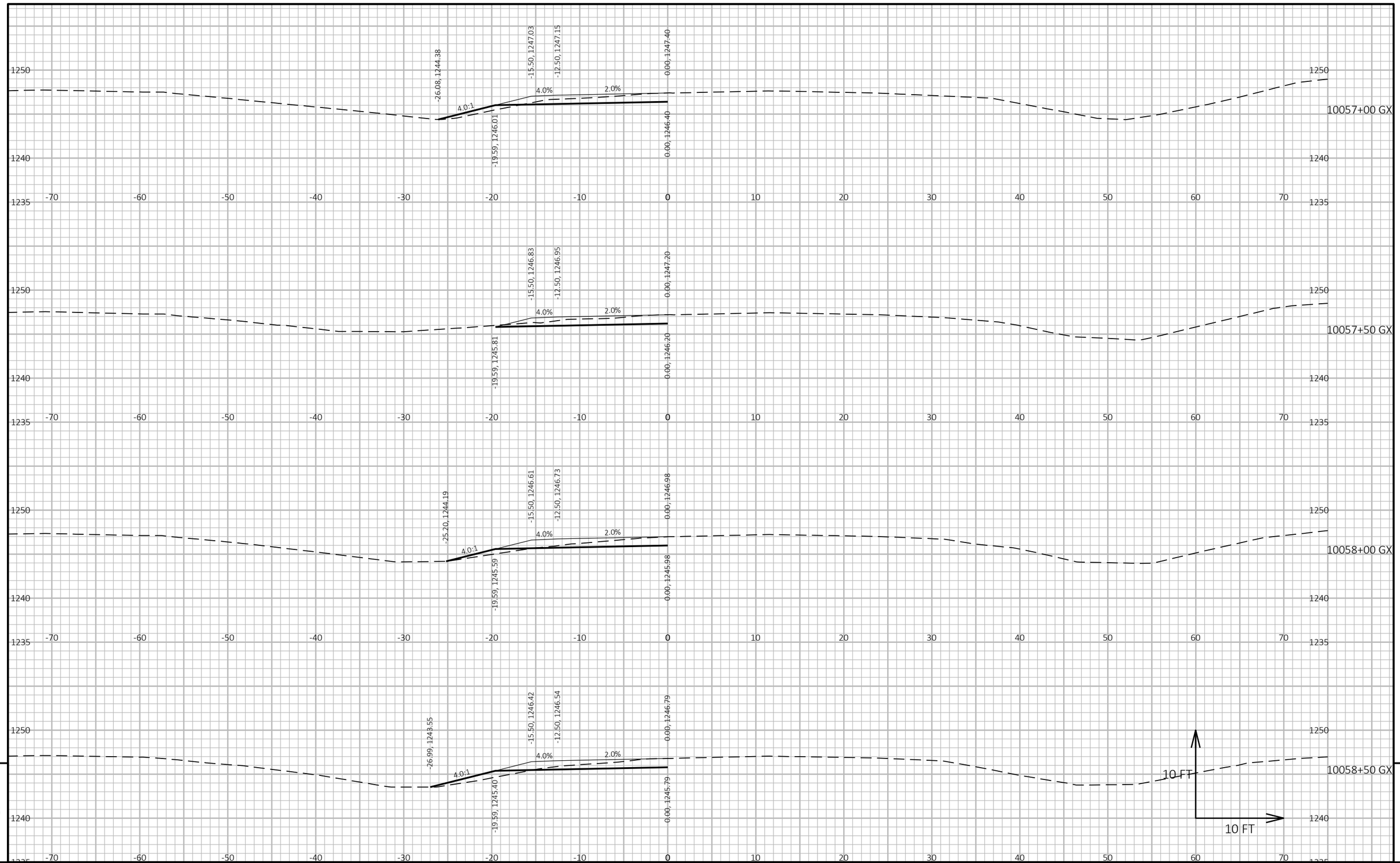


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO-GX	SHEET 691	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902161-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

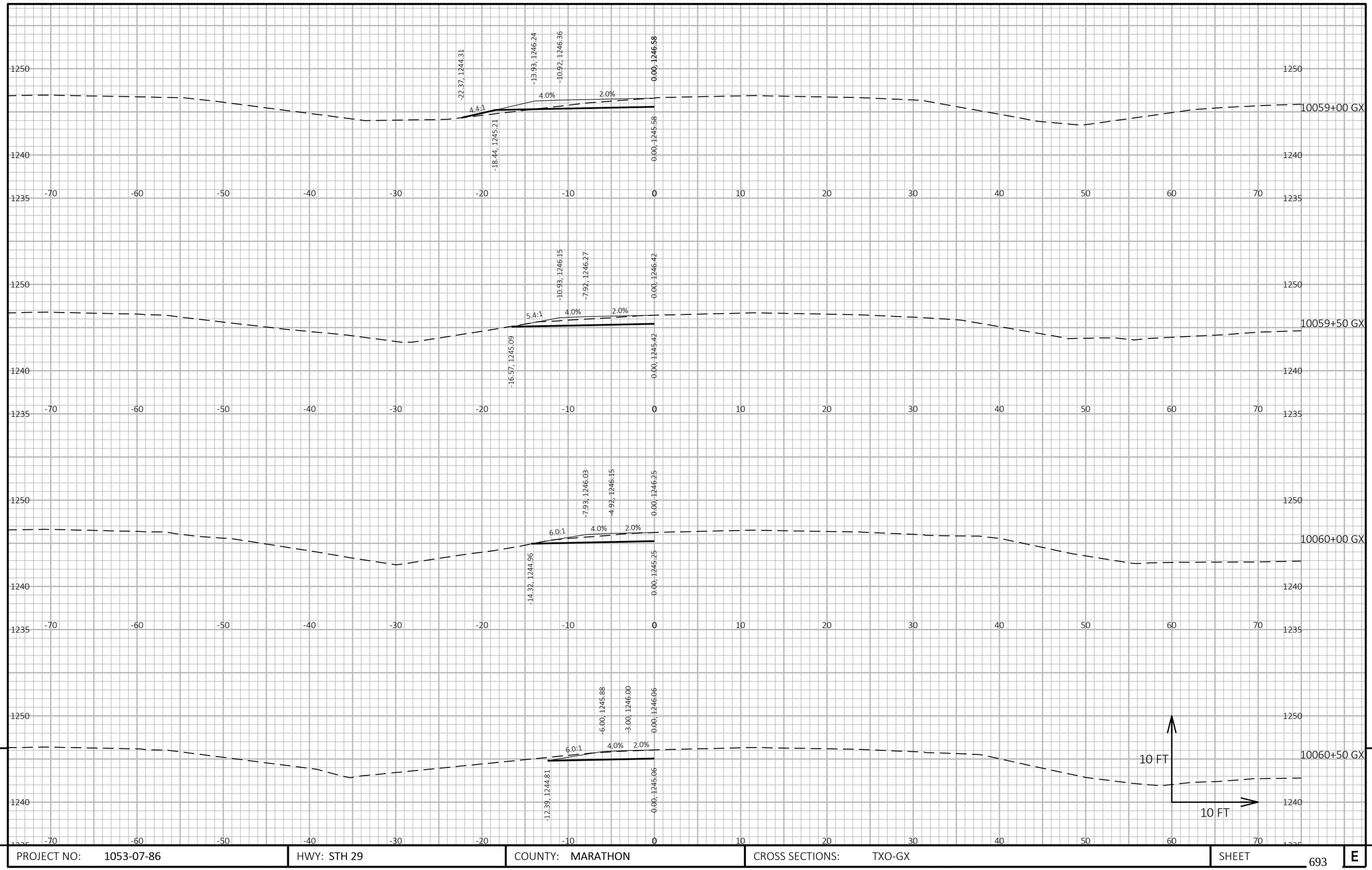


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO-GX	SHEET 692	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902162-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: TXO-GX	SHEET 693	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090214-XS.DWG
LAYOUT NAME - 0902163-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

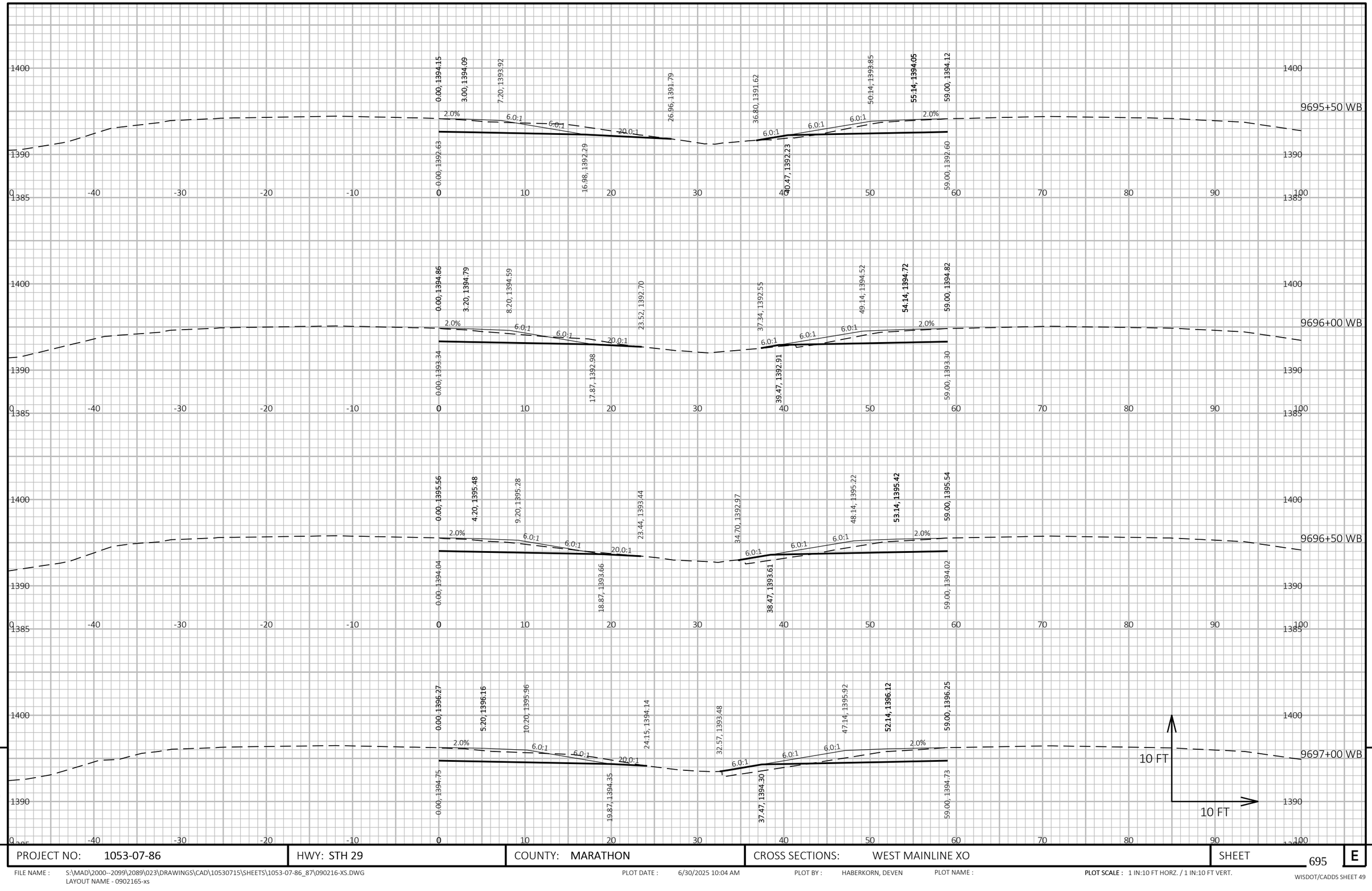
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 694	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902164-xs

PLOT DATE : 6/30/2025 10:04 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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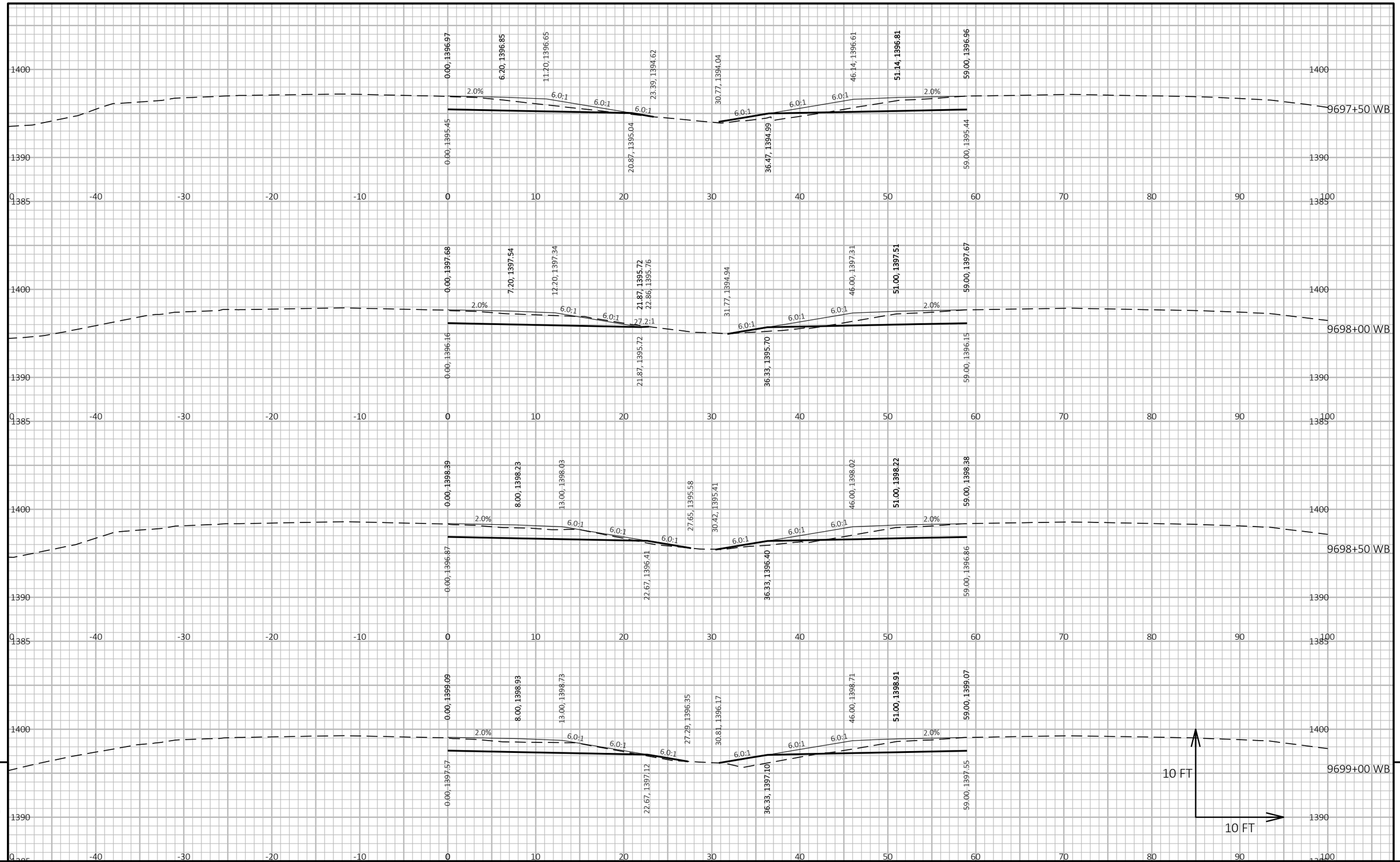
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 695	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902165-xs

PLOT DATE : 6/30/2025 10:04 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

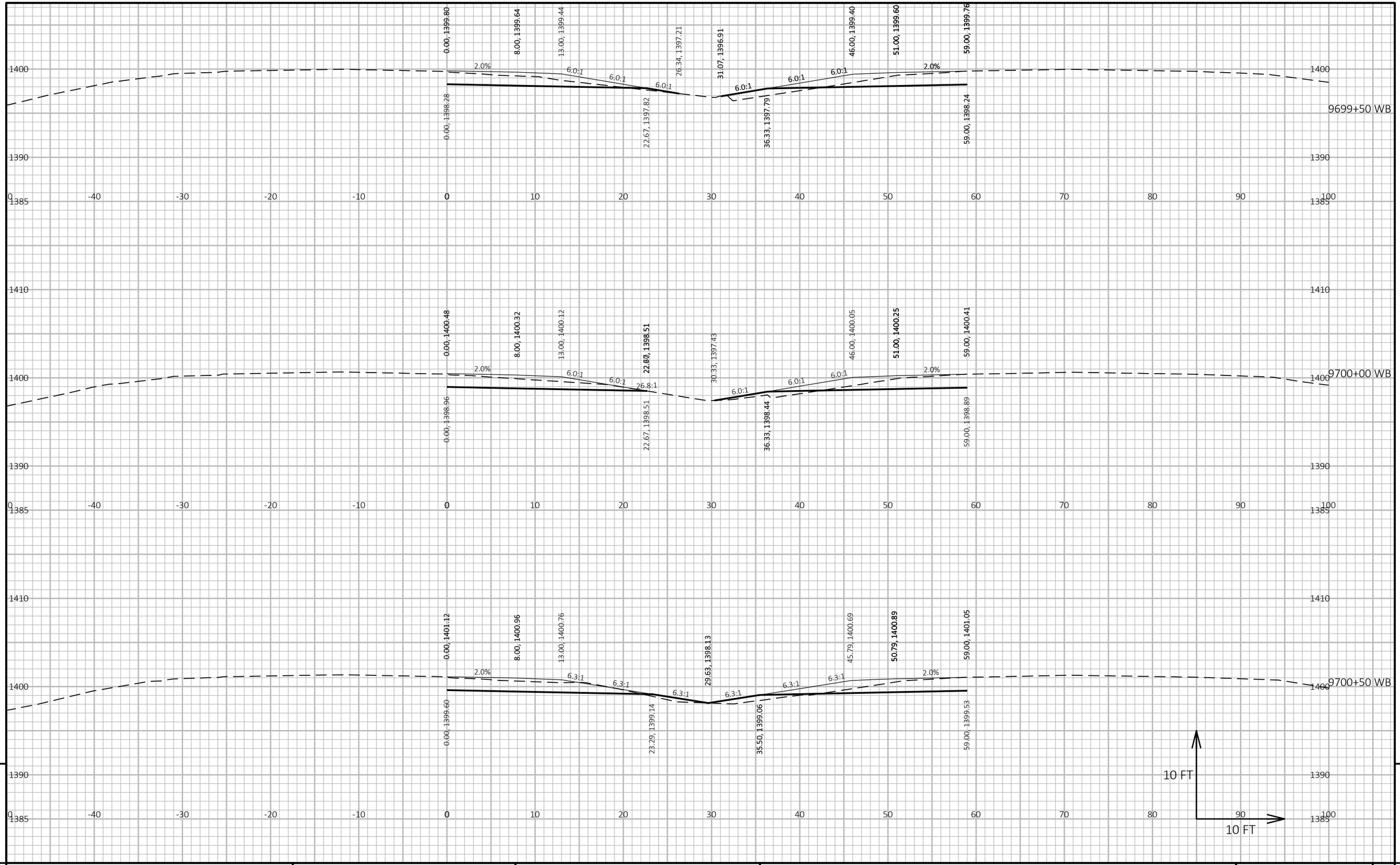


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 696	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902166-xs

PLOT DATE : 6/30/2025 10:04 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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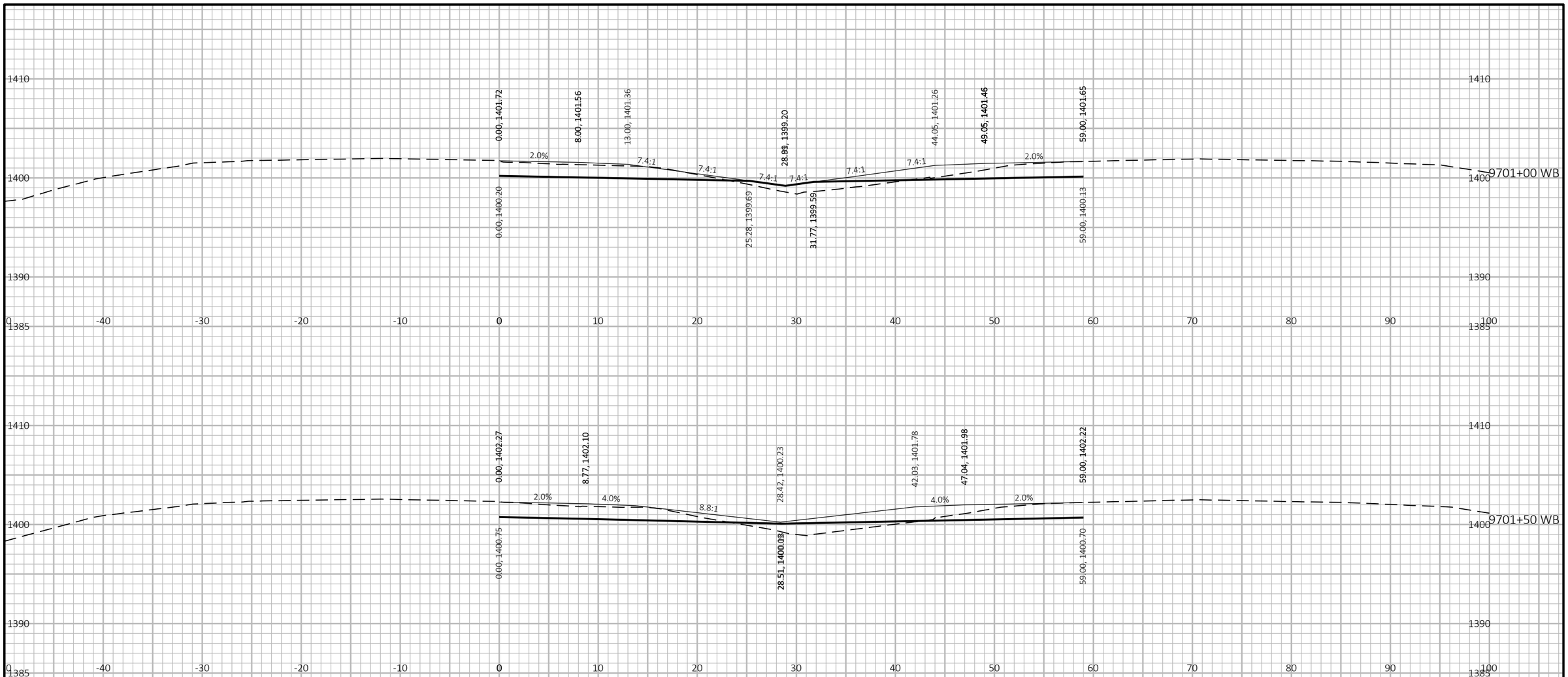
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 697	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902167-xs

PLOT DATE : 6/30/2025 10:04 AM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



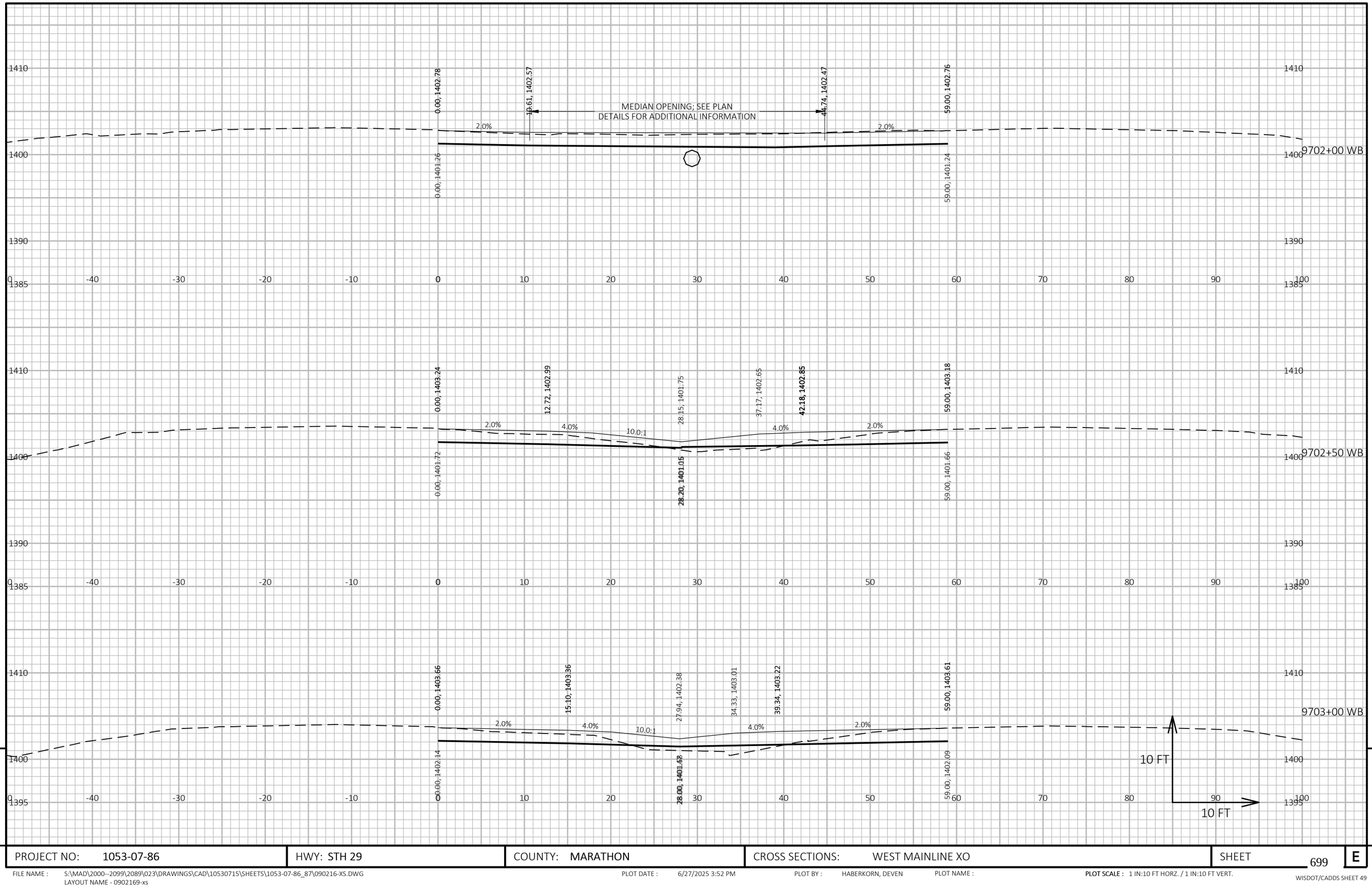
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 698	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902168-xs

PLOT DATE : 6/30/2025 10:04 AM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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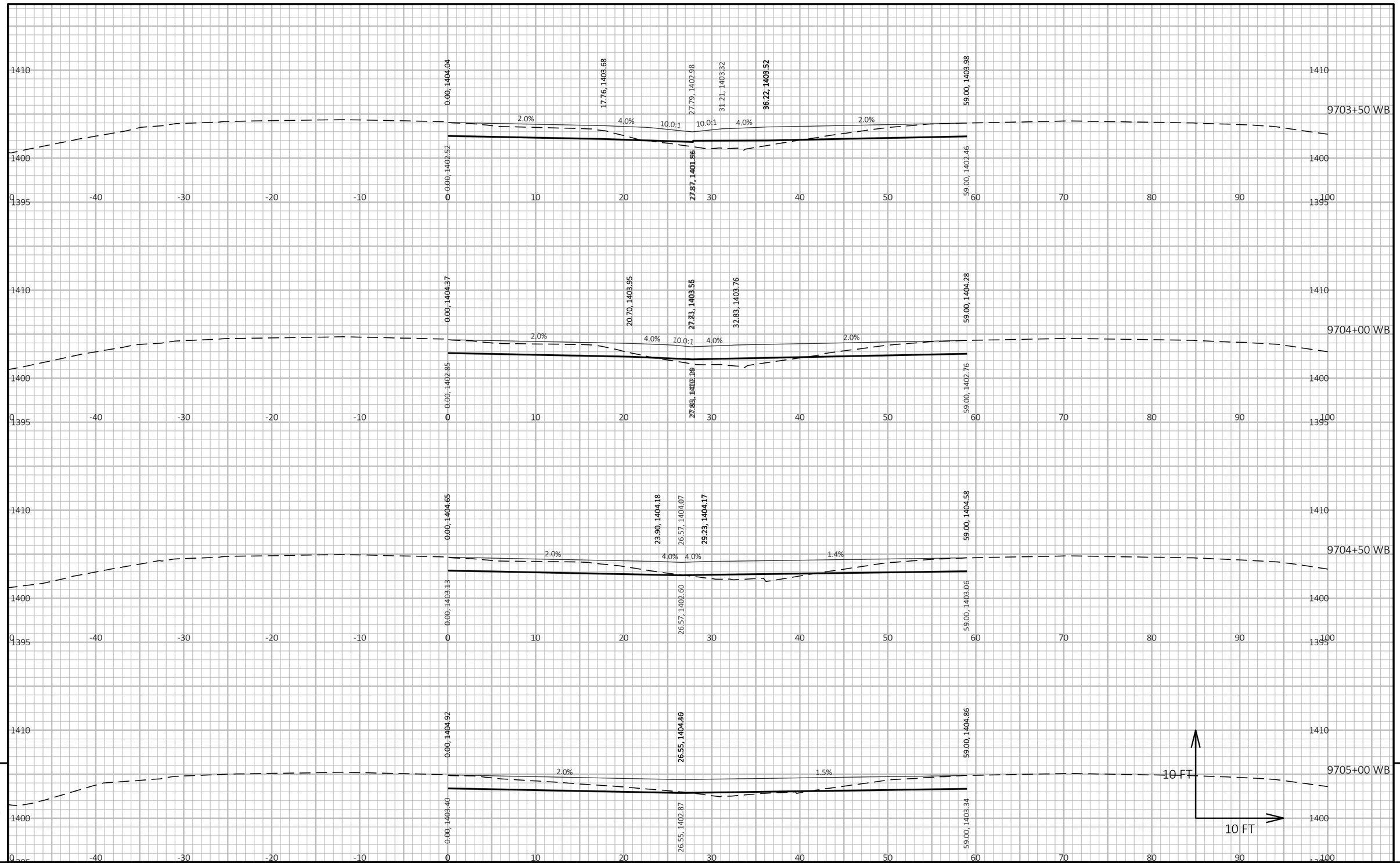
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 699	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902169-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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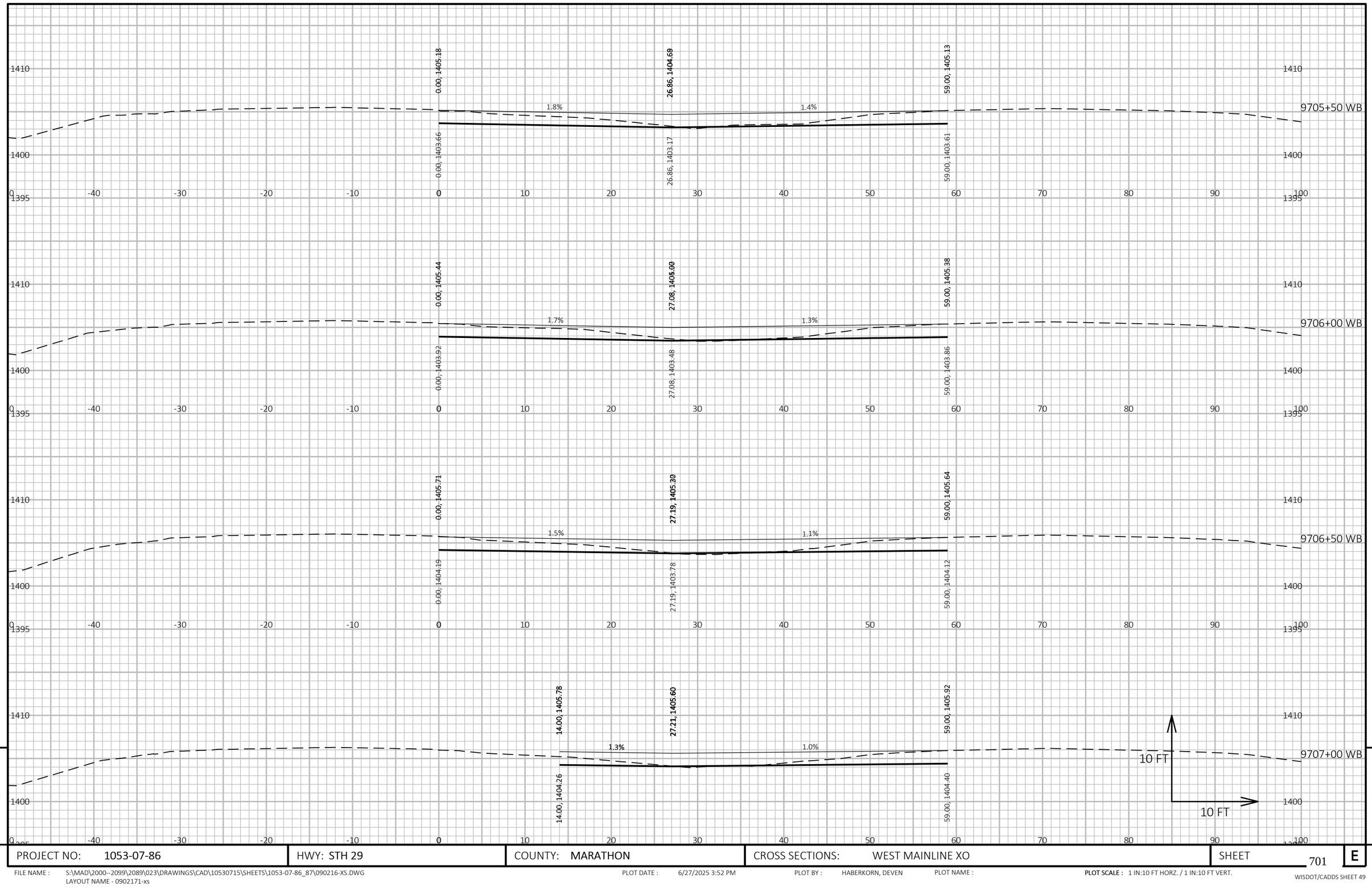
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 700	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902170-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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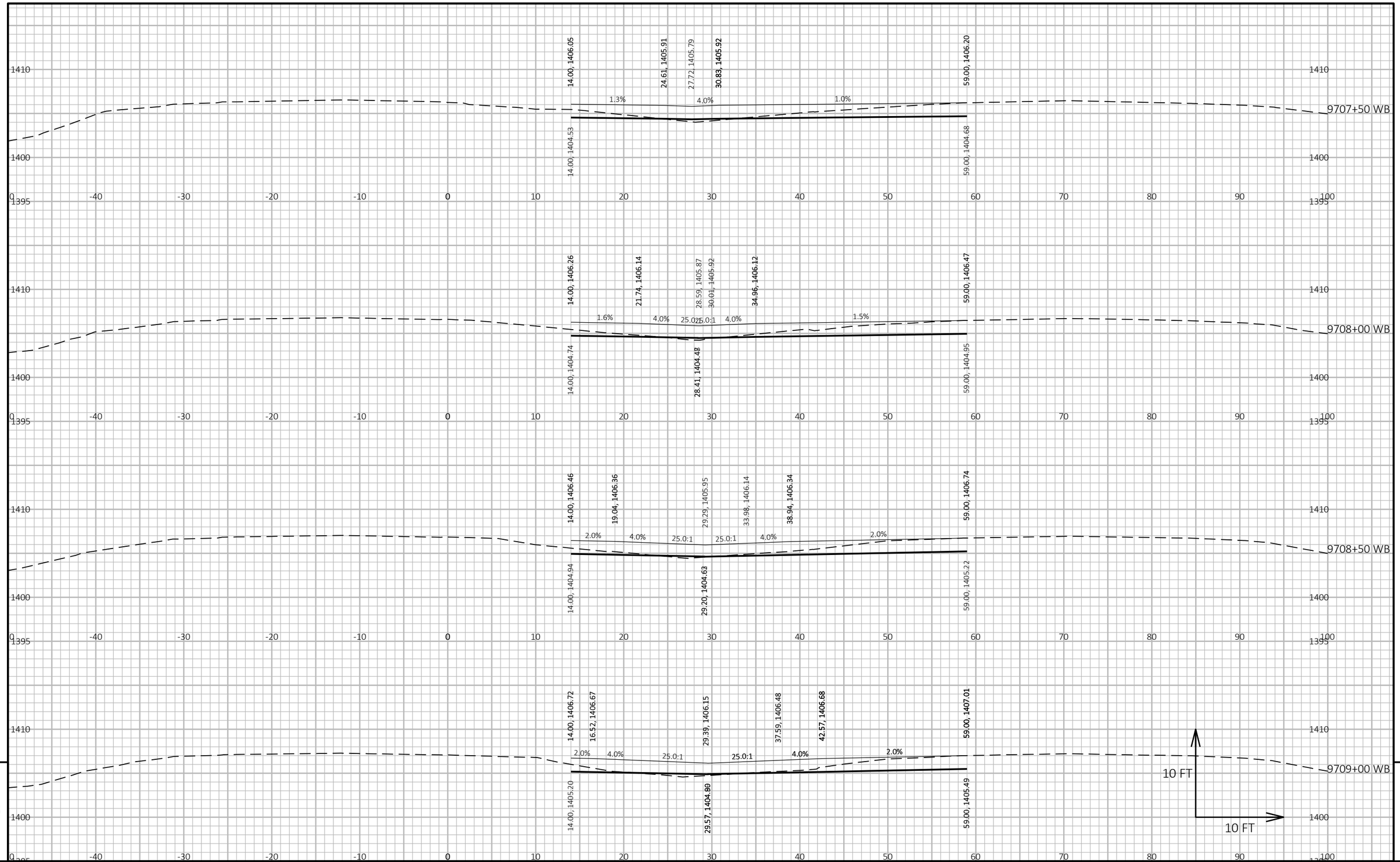
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 701	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902171-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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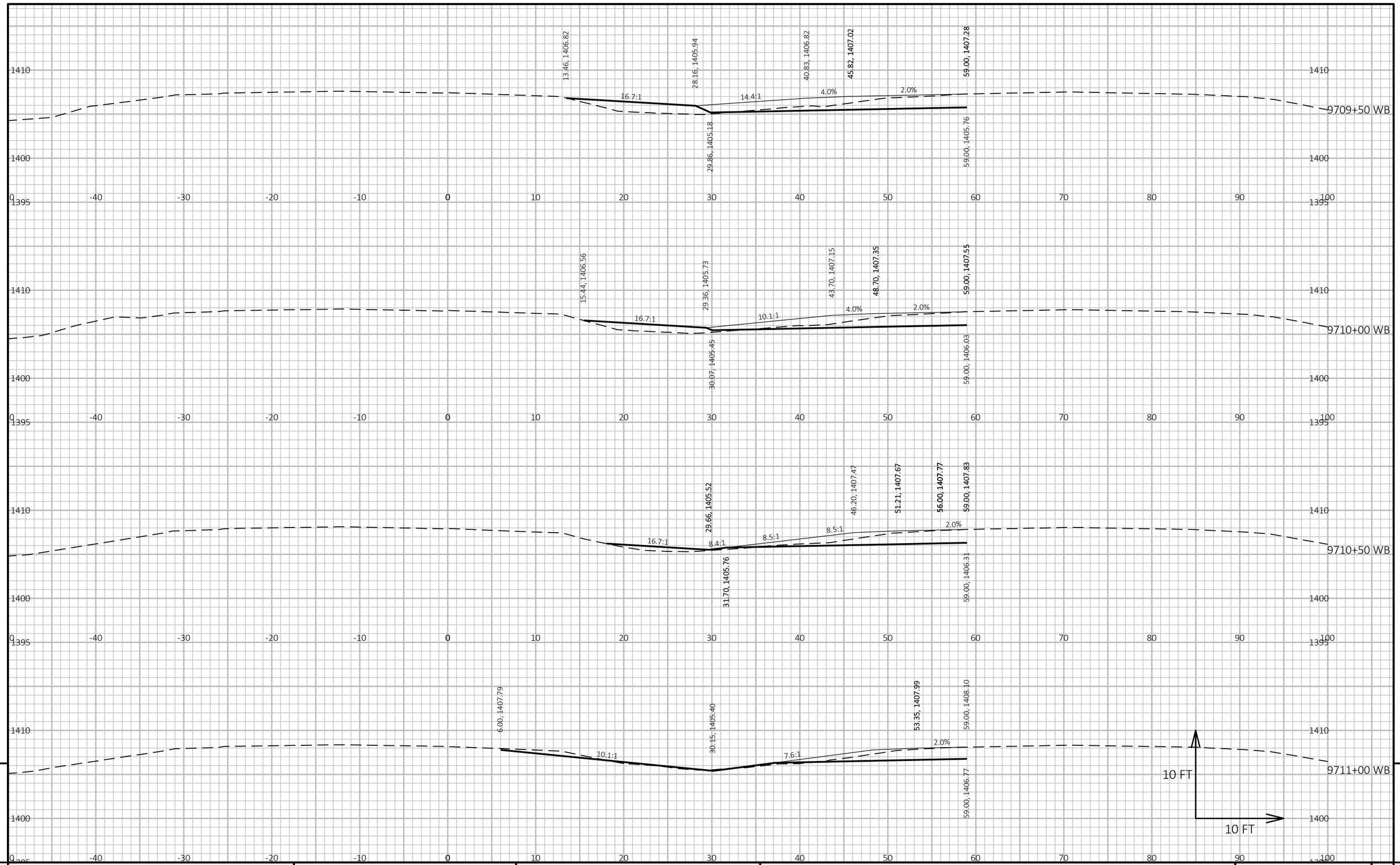
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 702	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902172-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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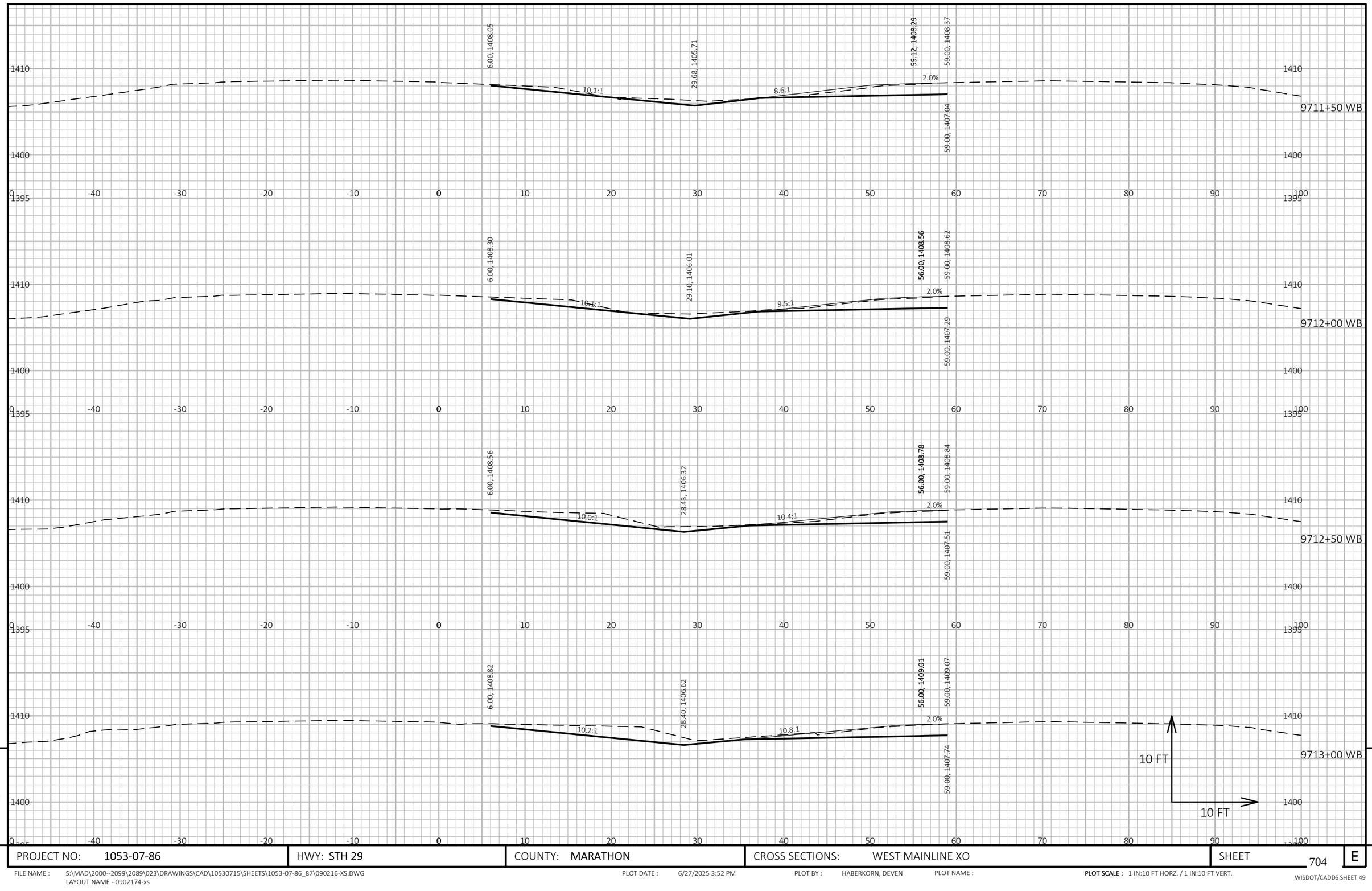
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 703	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902173-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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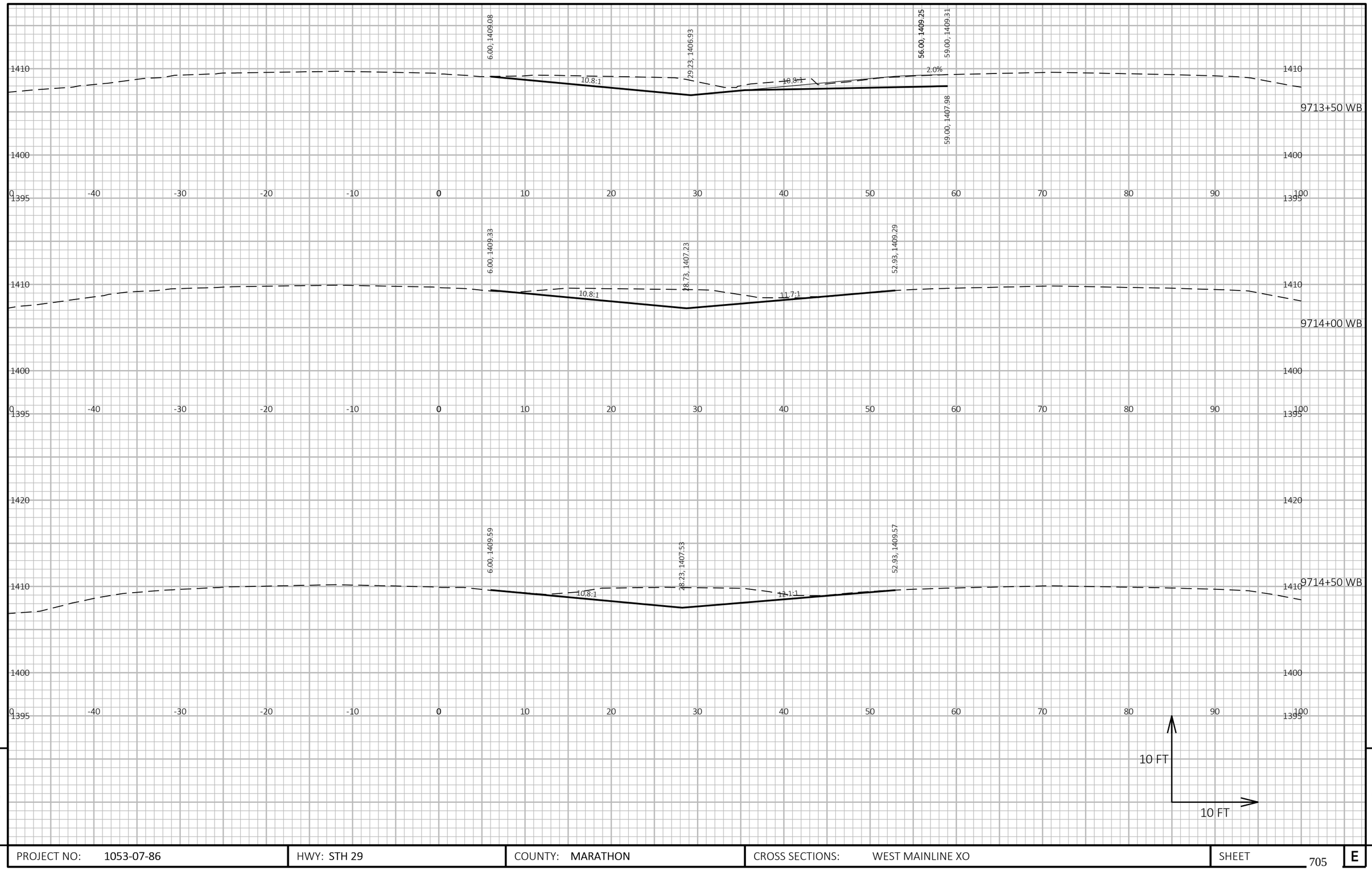
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 704	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902174-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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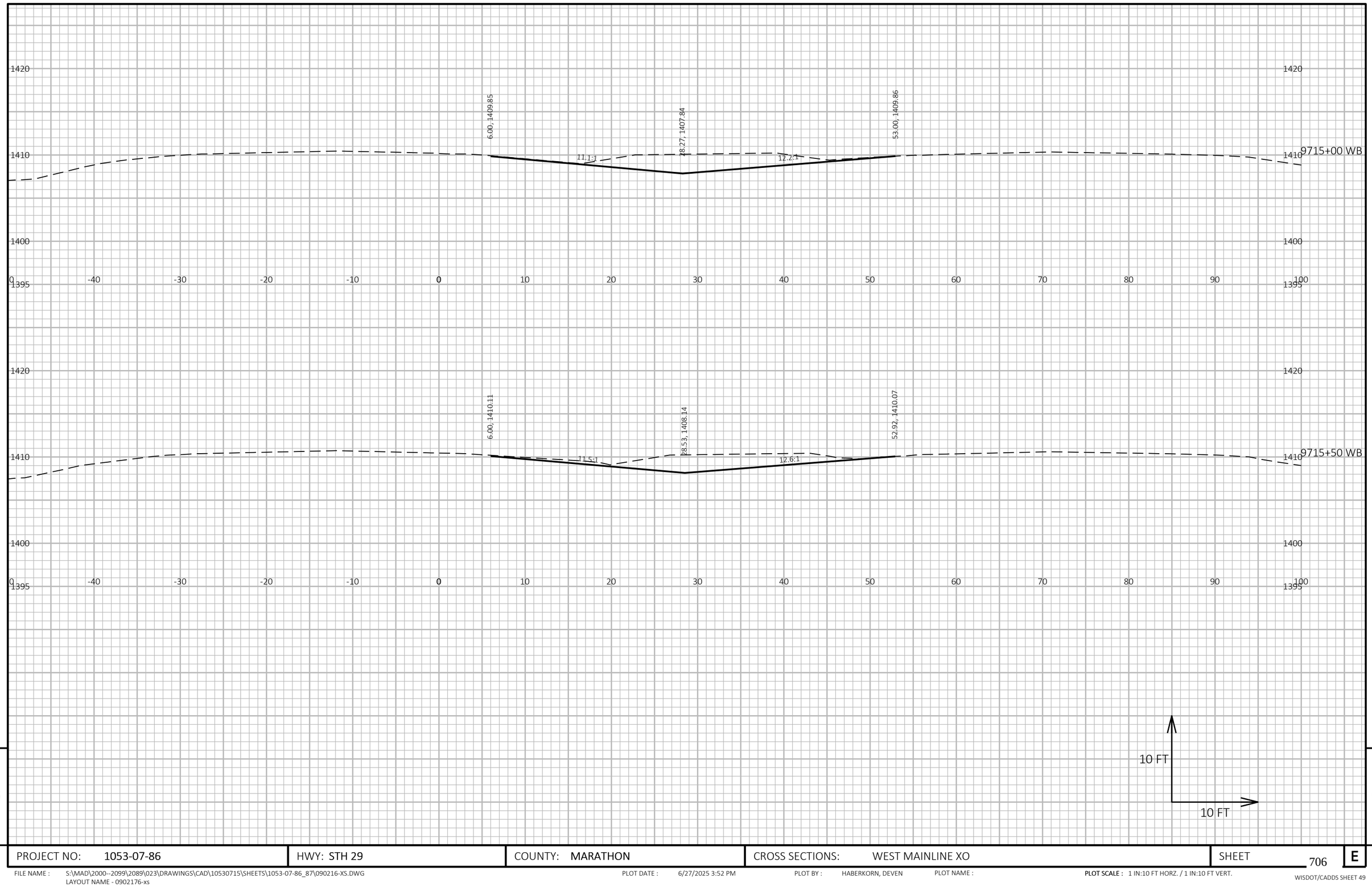
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 705	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902175-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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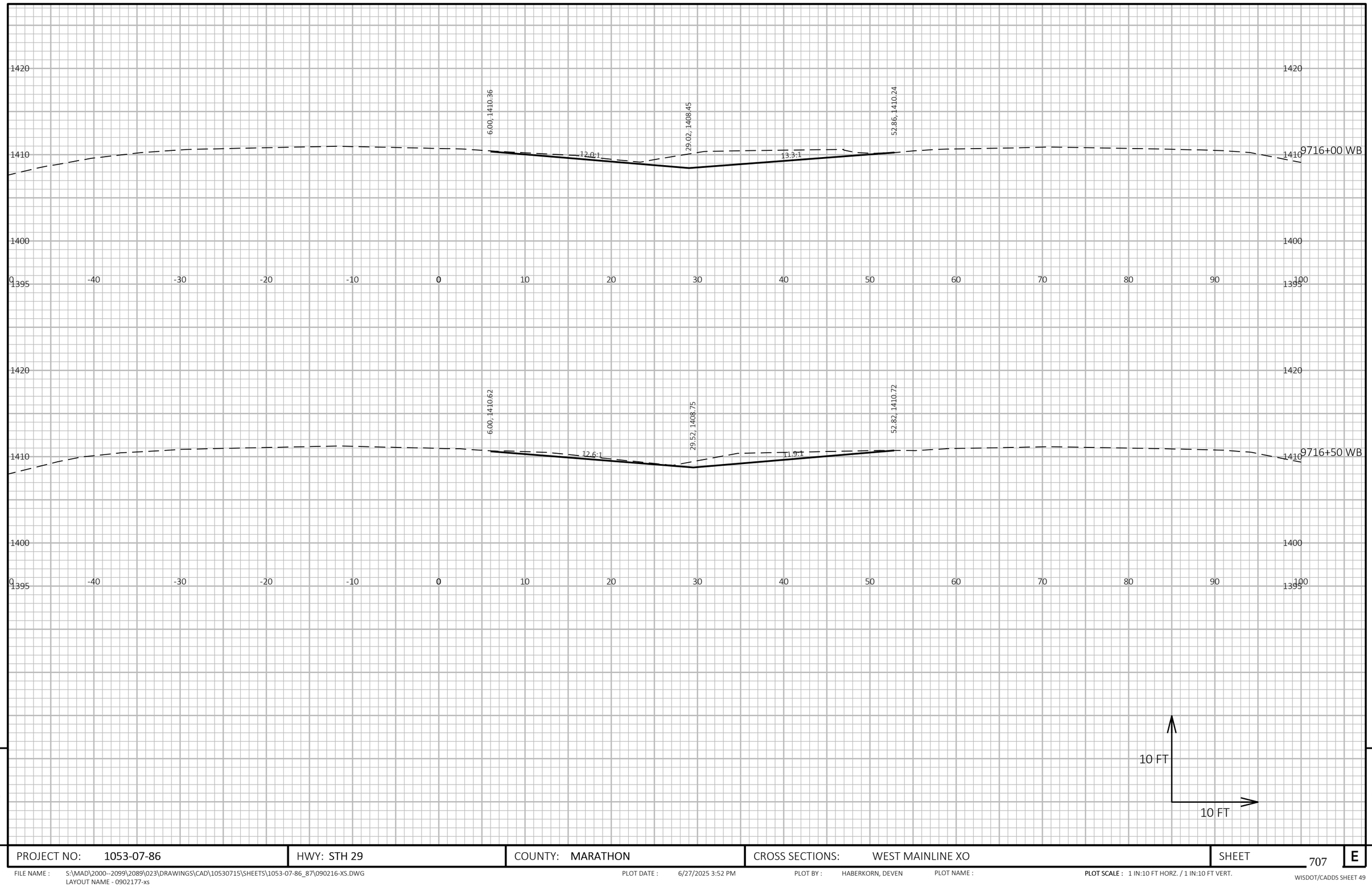
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 706	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902176-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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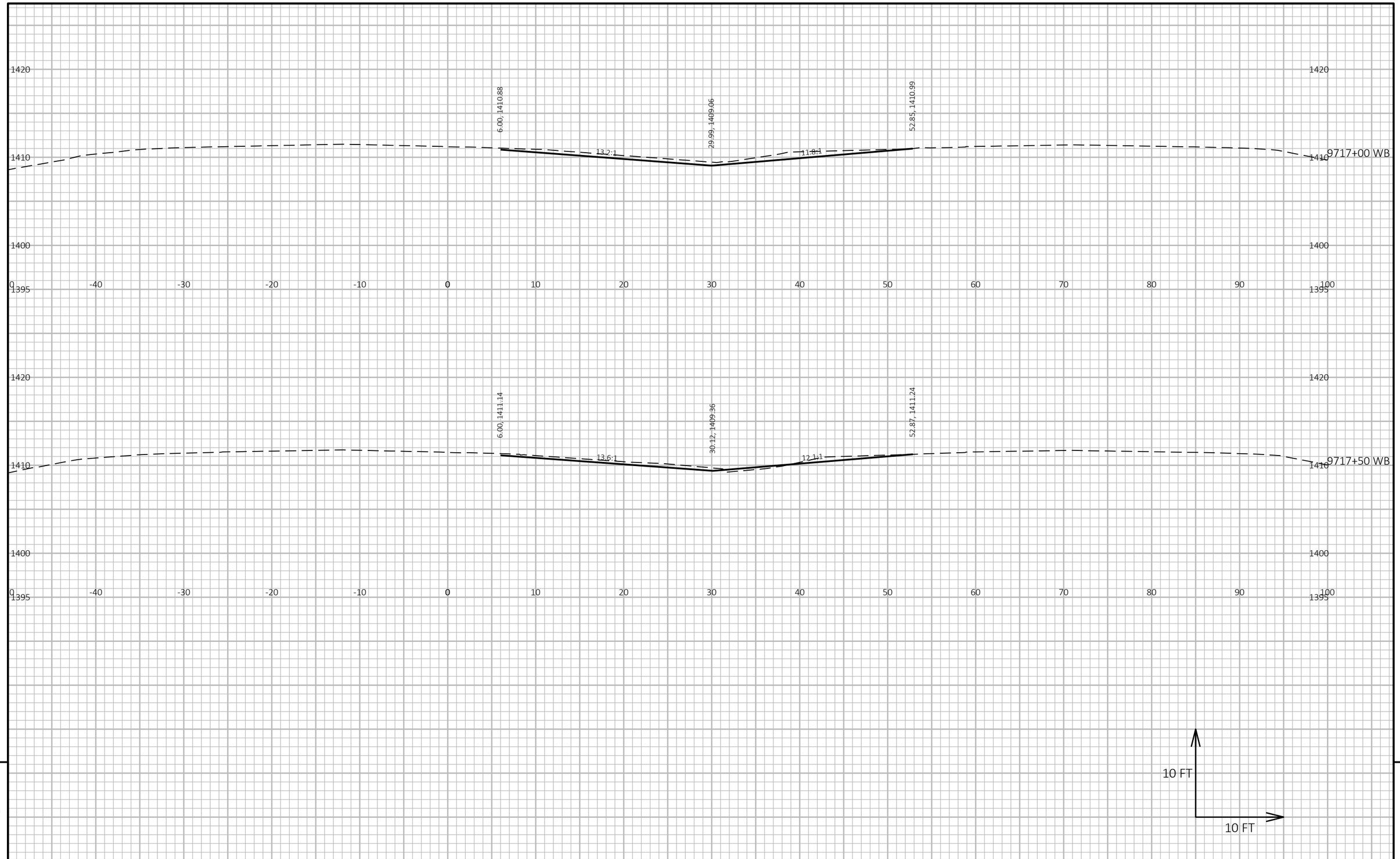
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 707	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902177-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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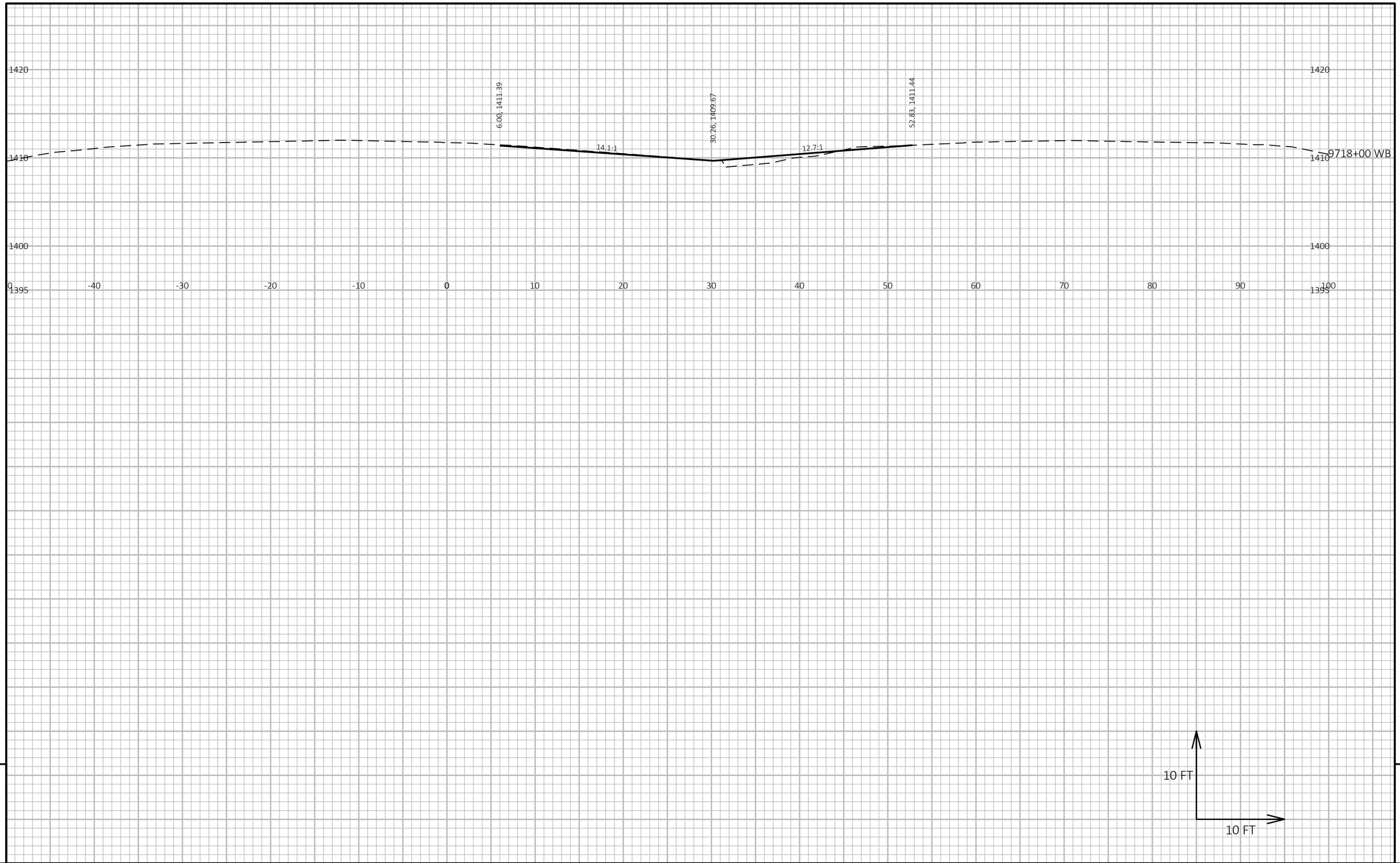
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 708	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902178-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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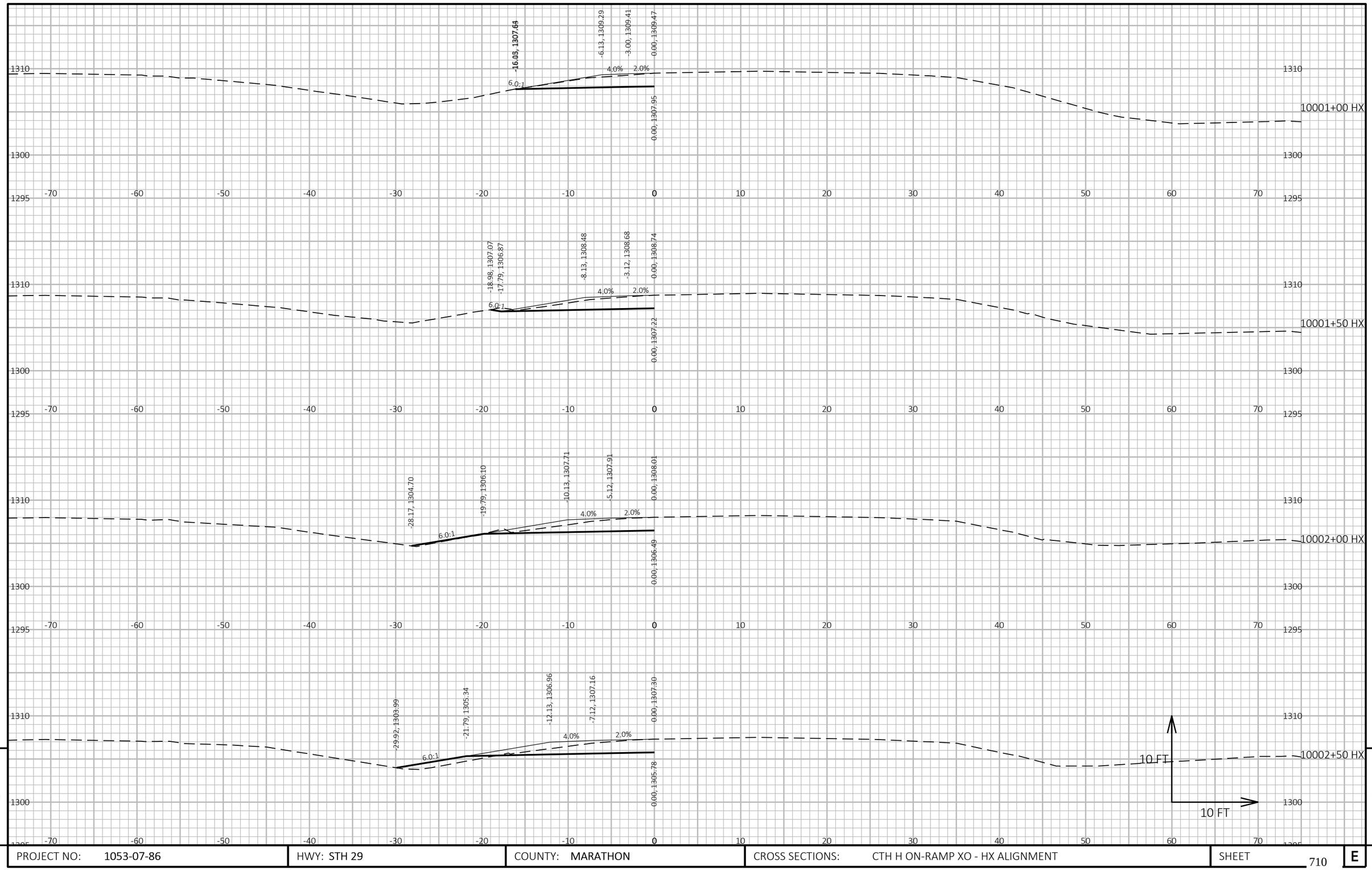
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: WEST MAINLINE XO	SHEET 709	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090216-XS.DWG
LAYOUT NAME - 0902179-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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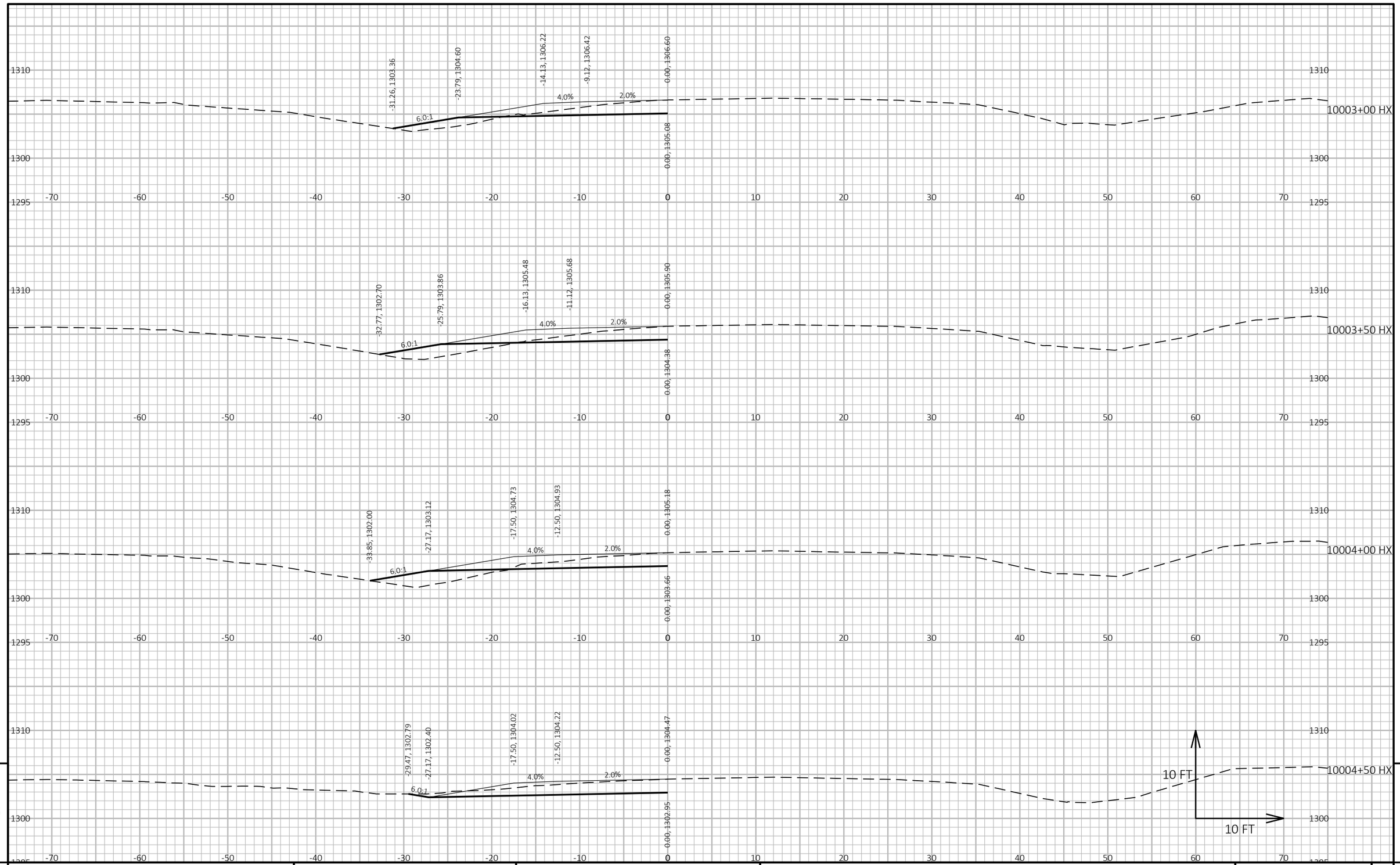
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 710	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090201-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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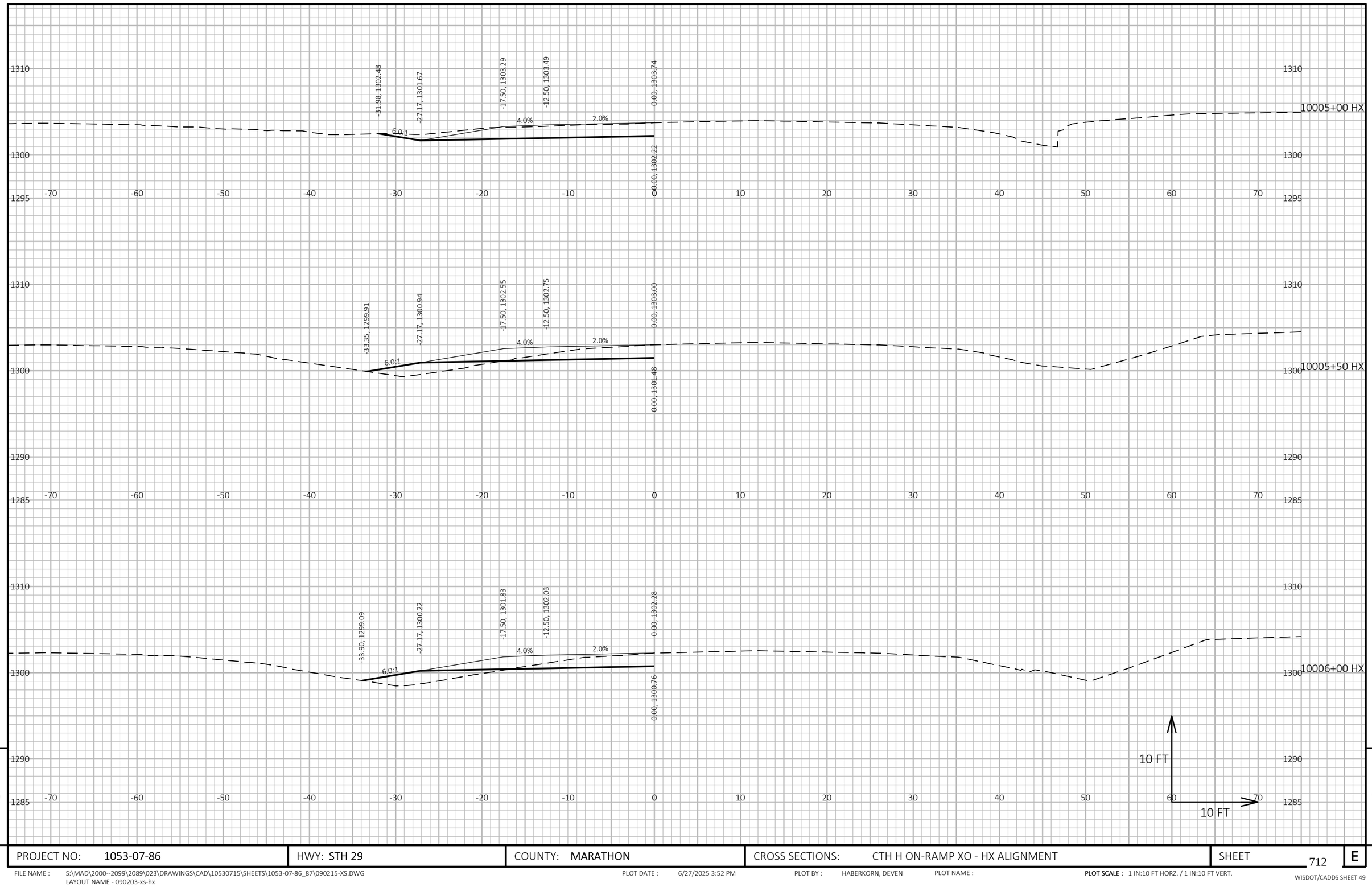
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 711	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090202-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

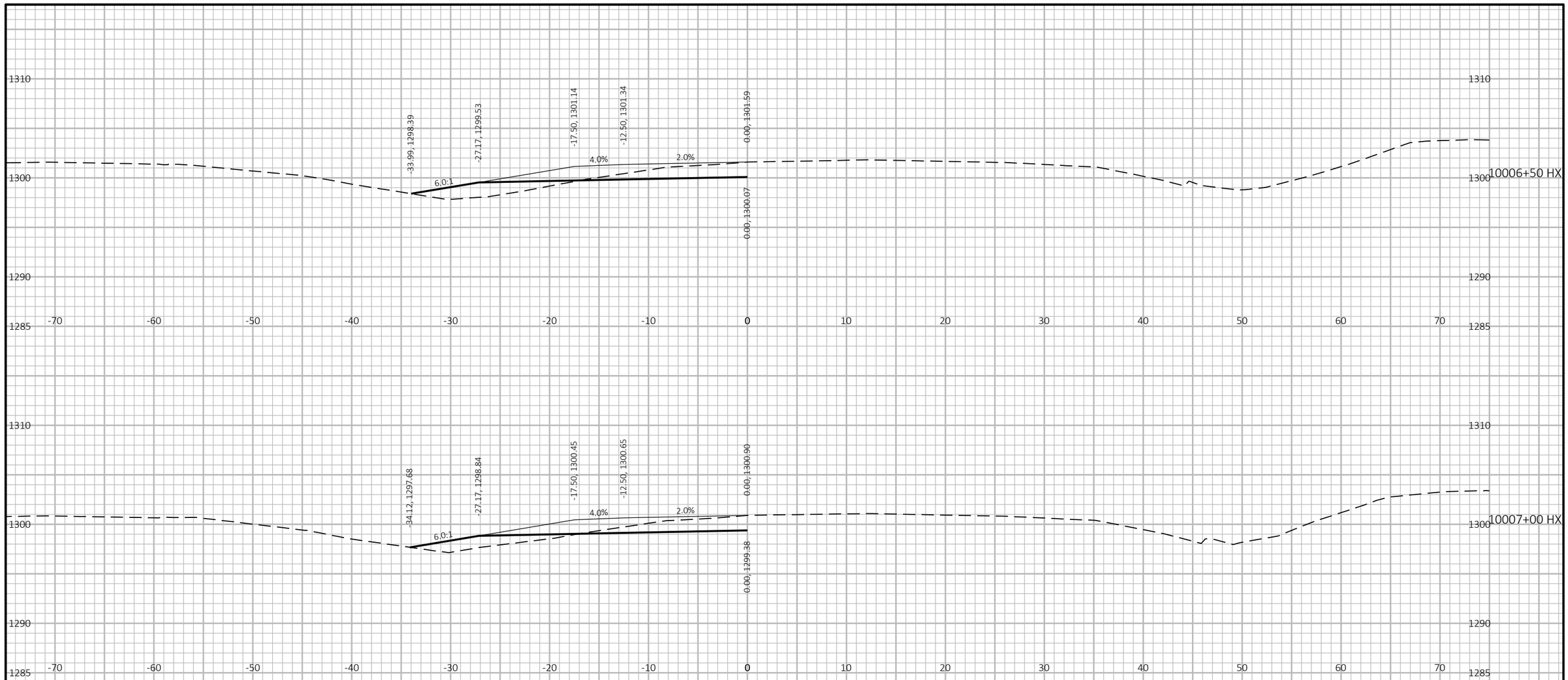


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 712	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090203-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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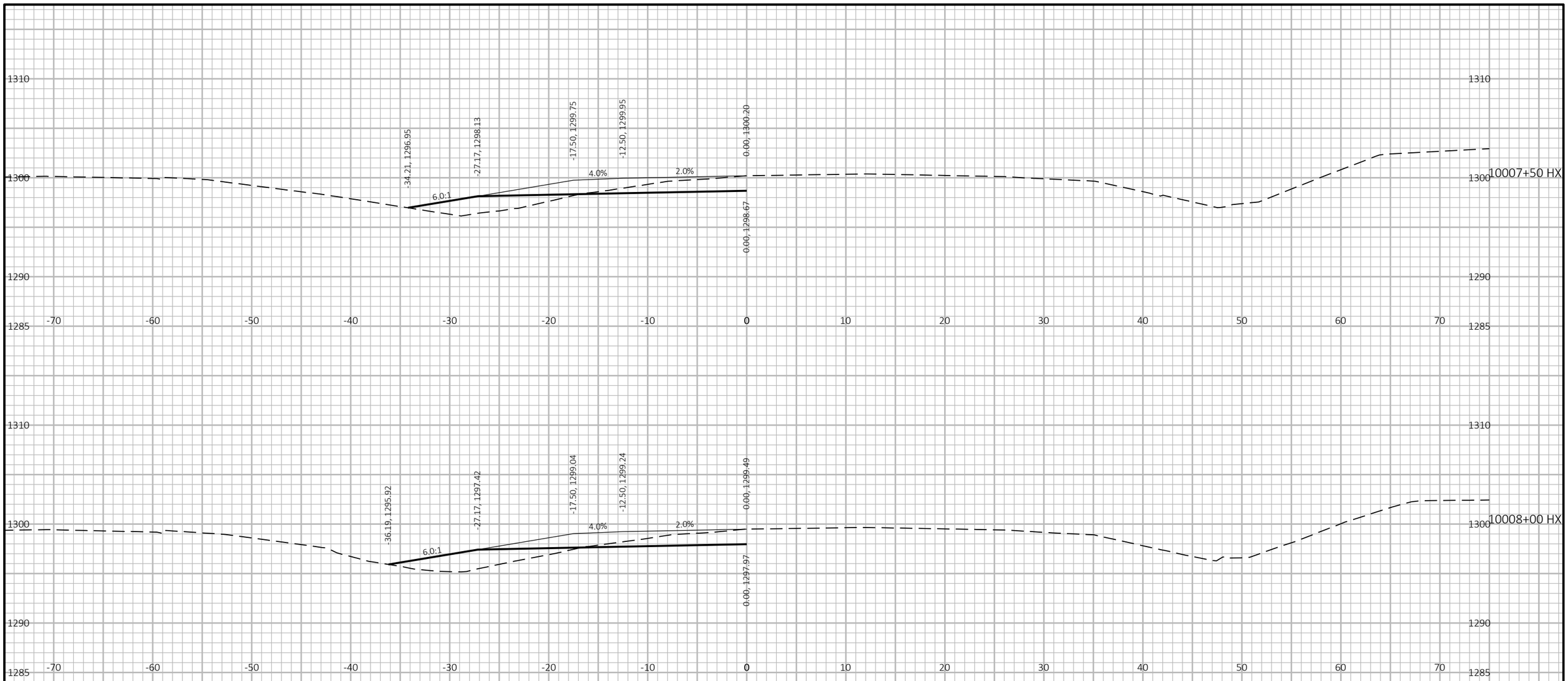
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 713	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090204-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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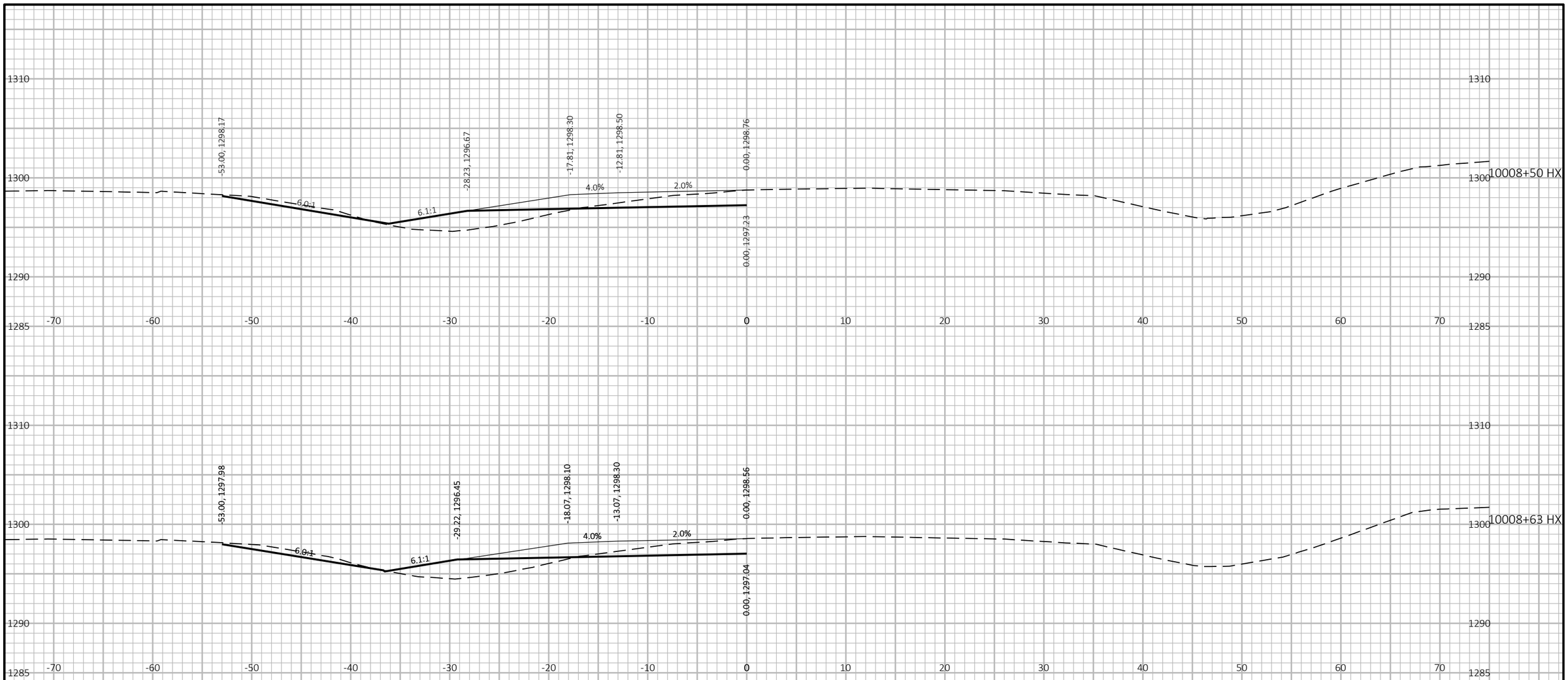
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 714	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090205-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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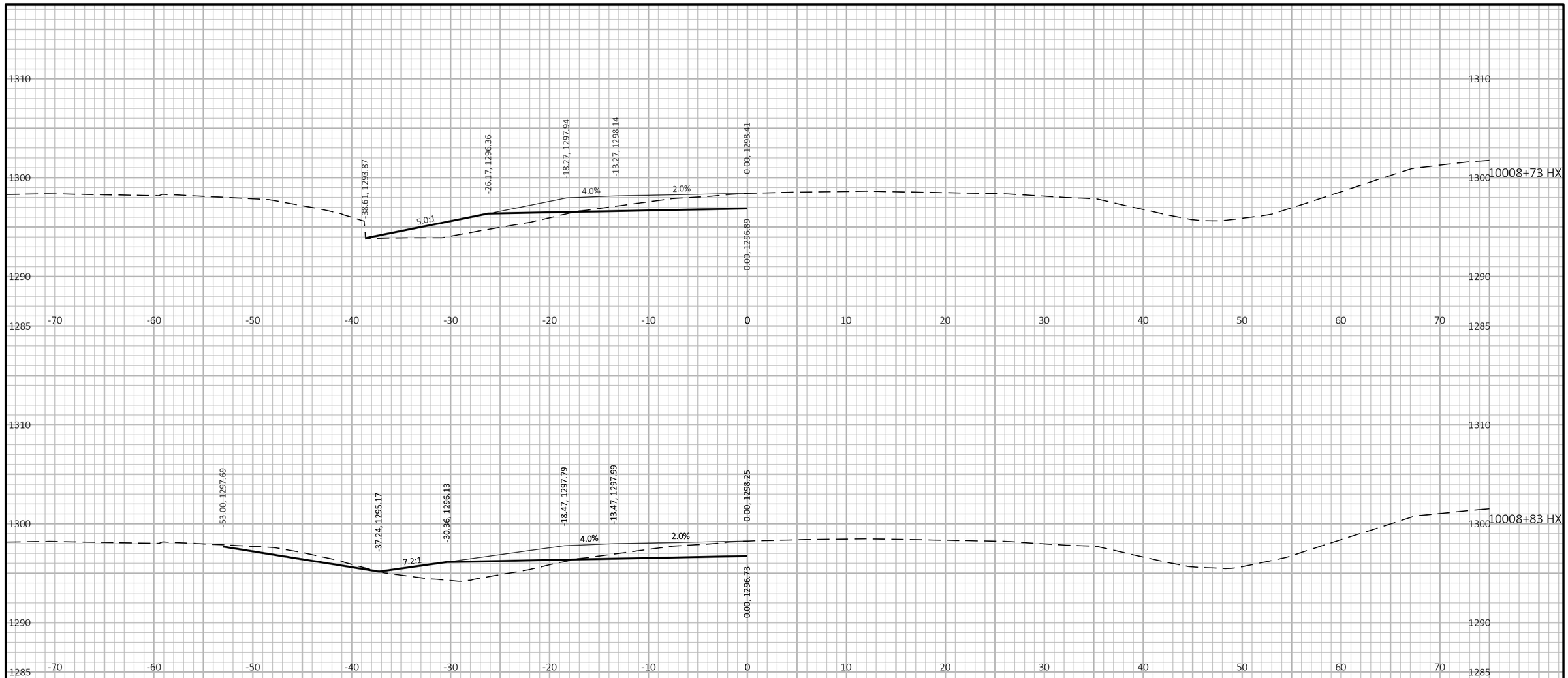
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 715	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090206-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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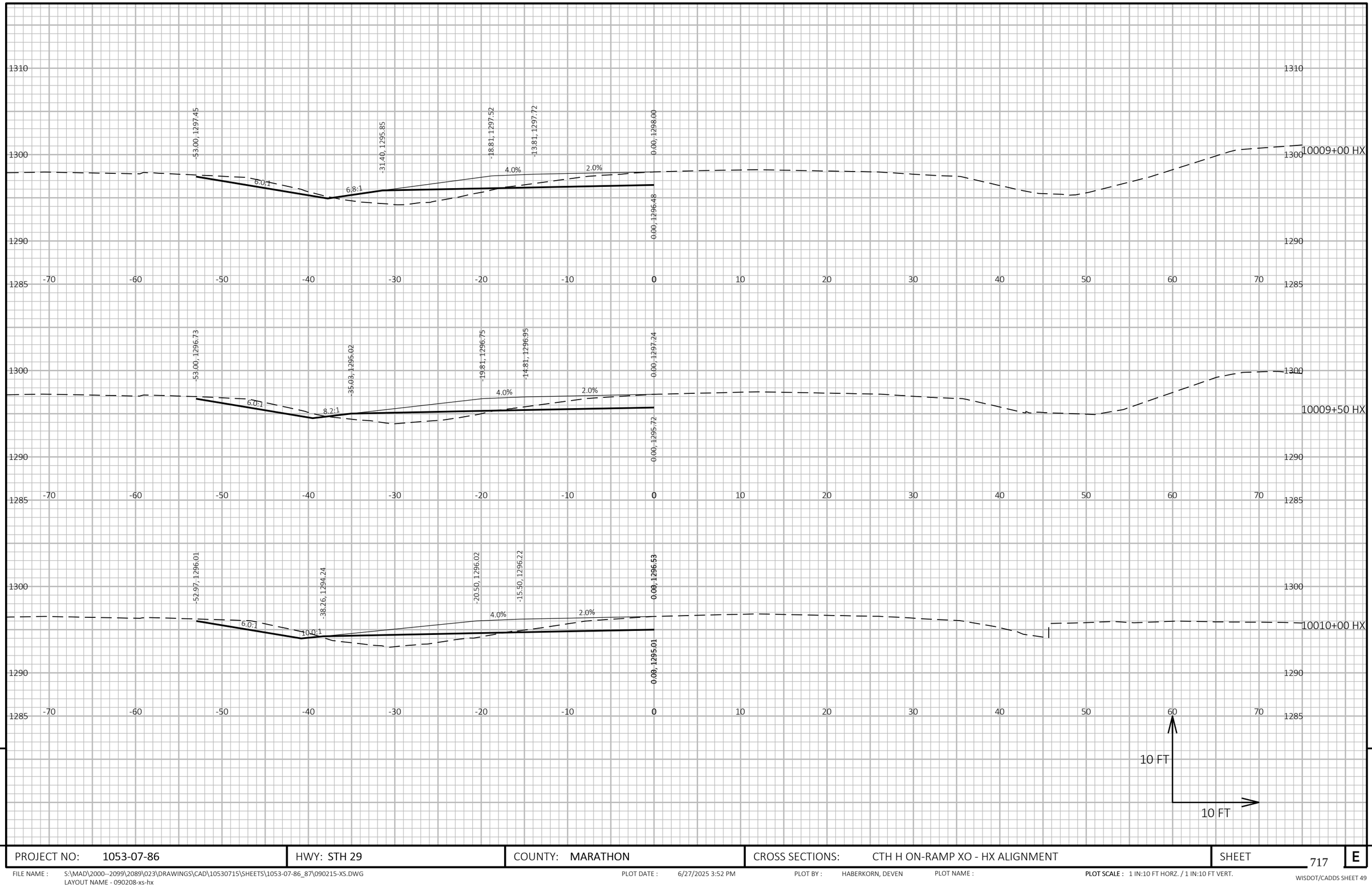
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 716	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090207-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

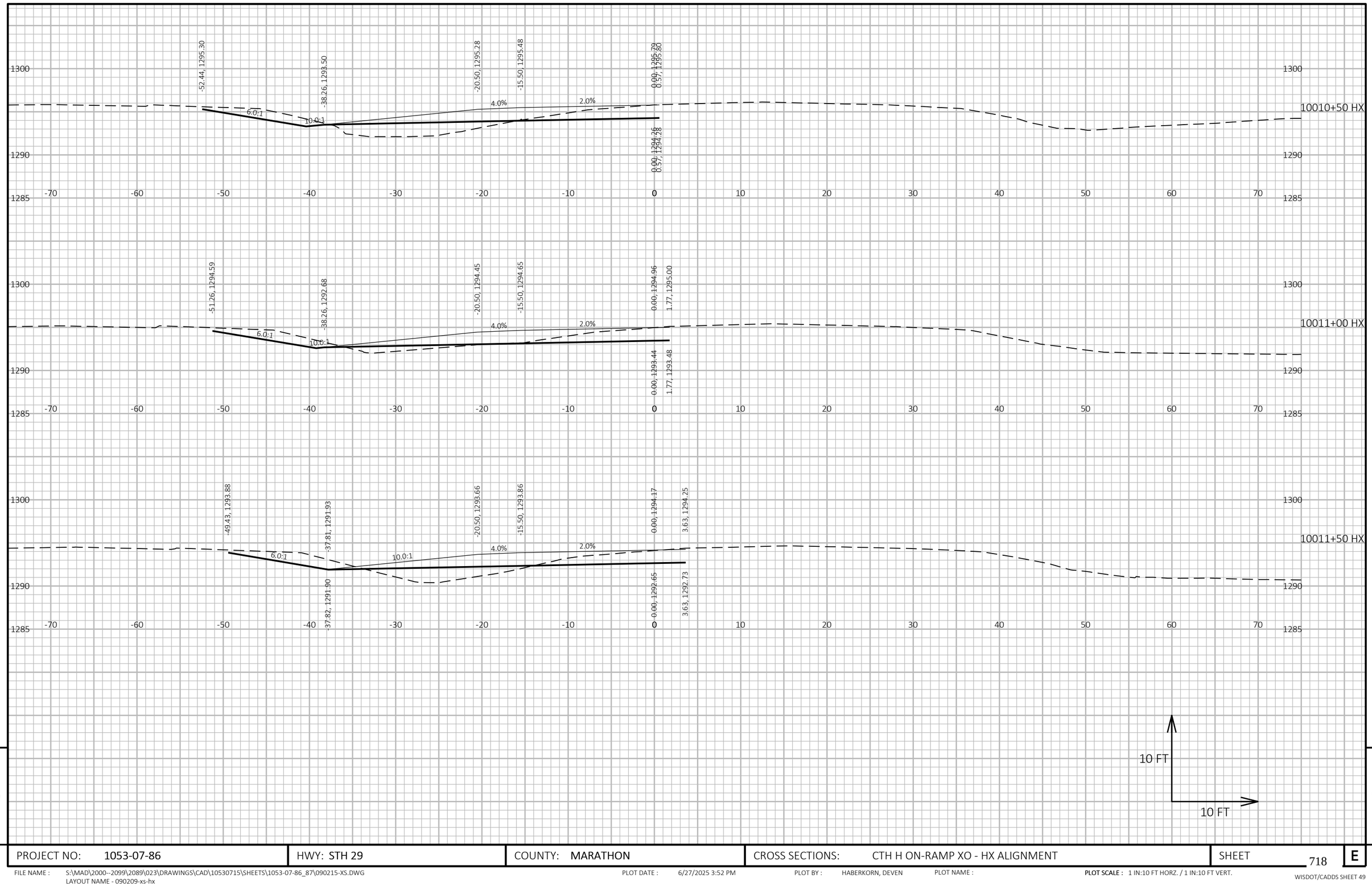


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 717	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090208-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

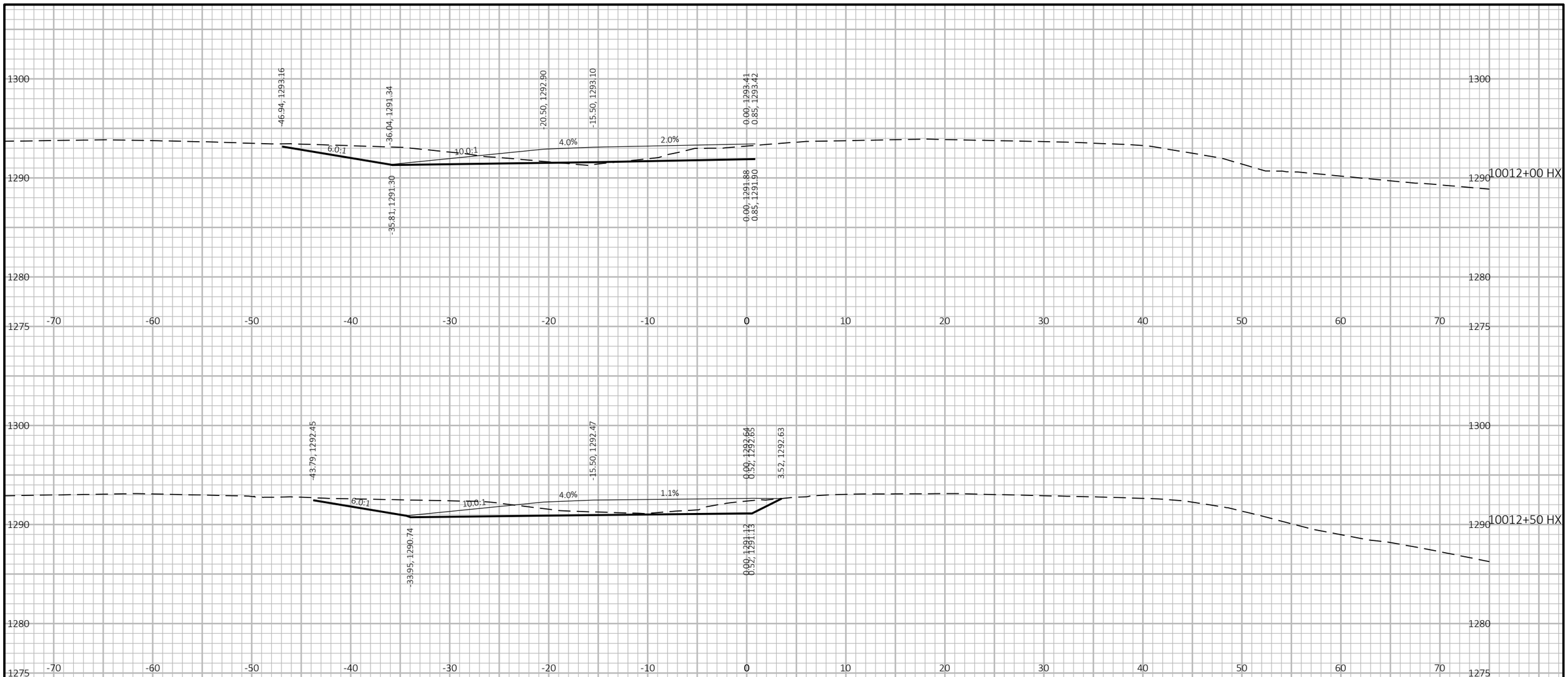


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 718 E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090209-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

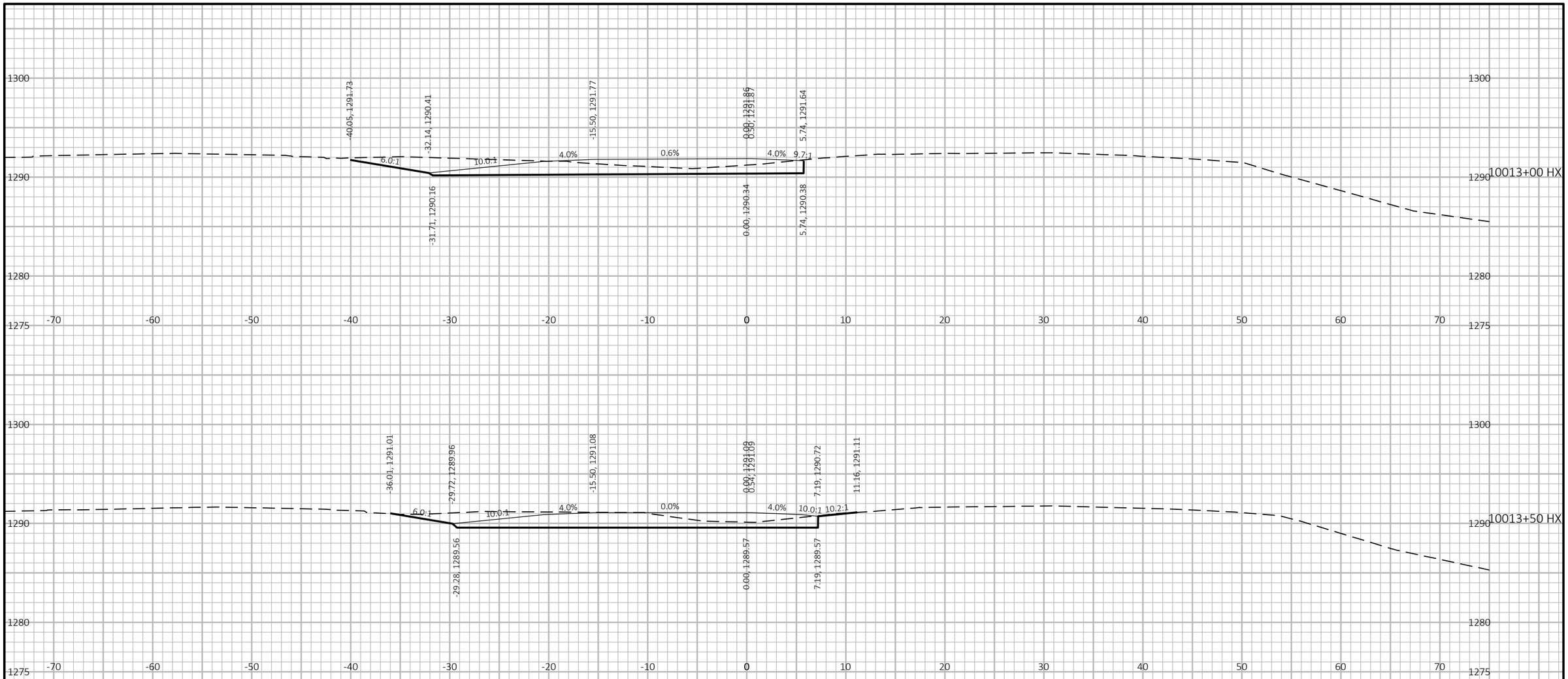


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 719	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090210-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

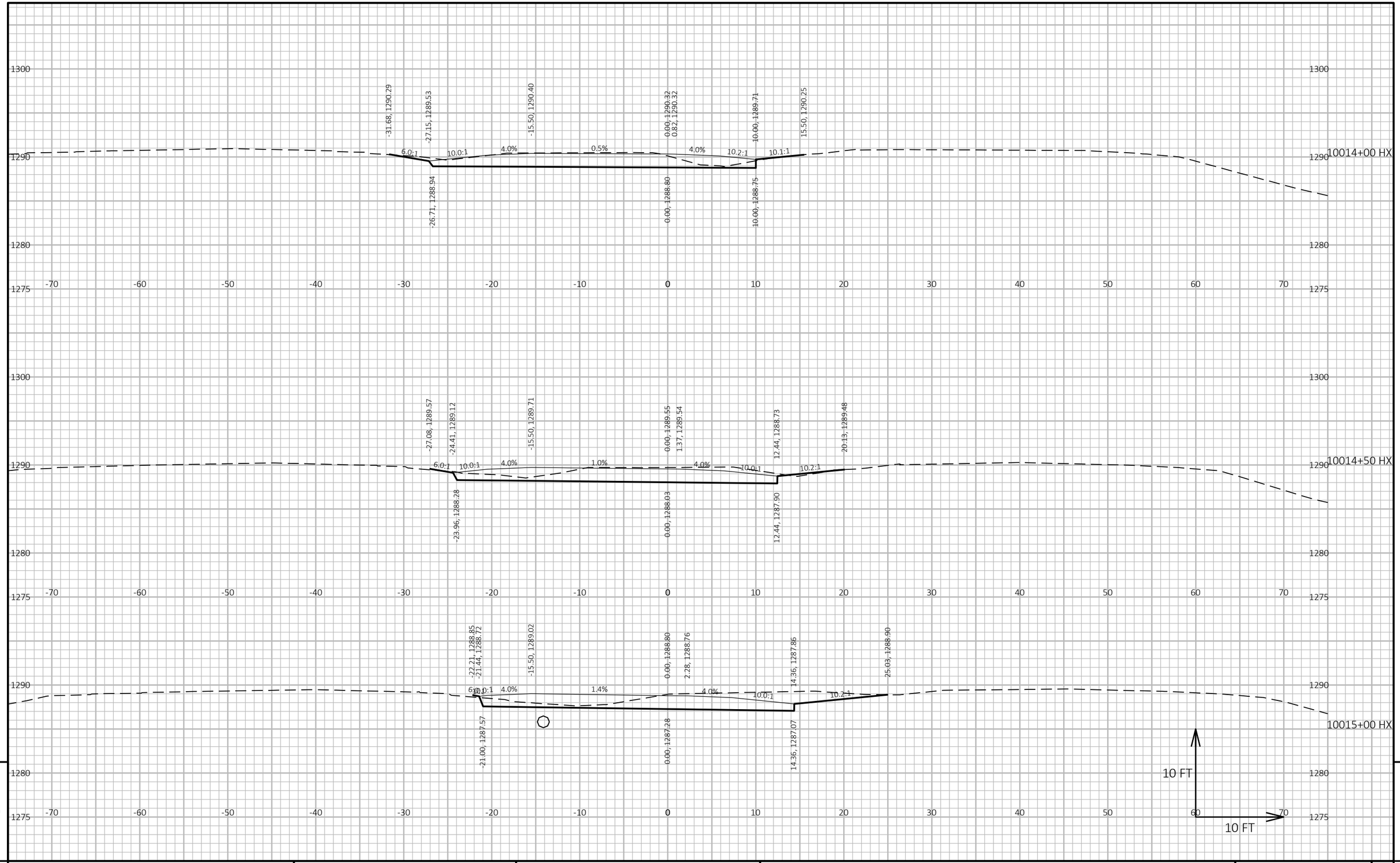


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 720	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090211-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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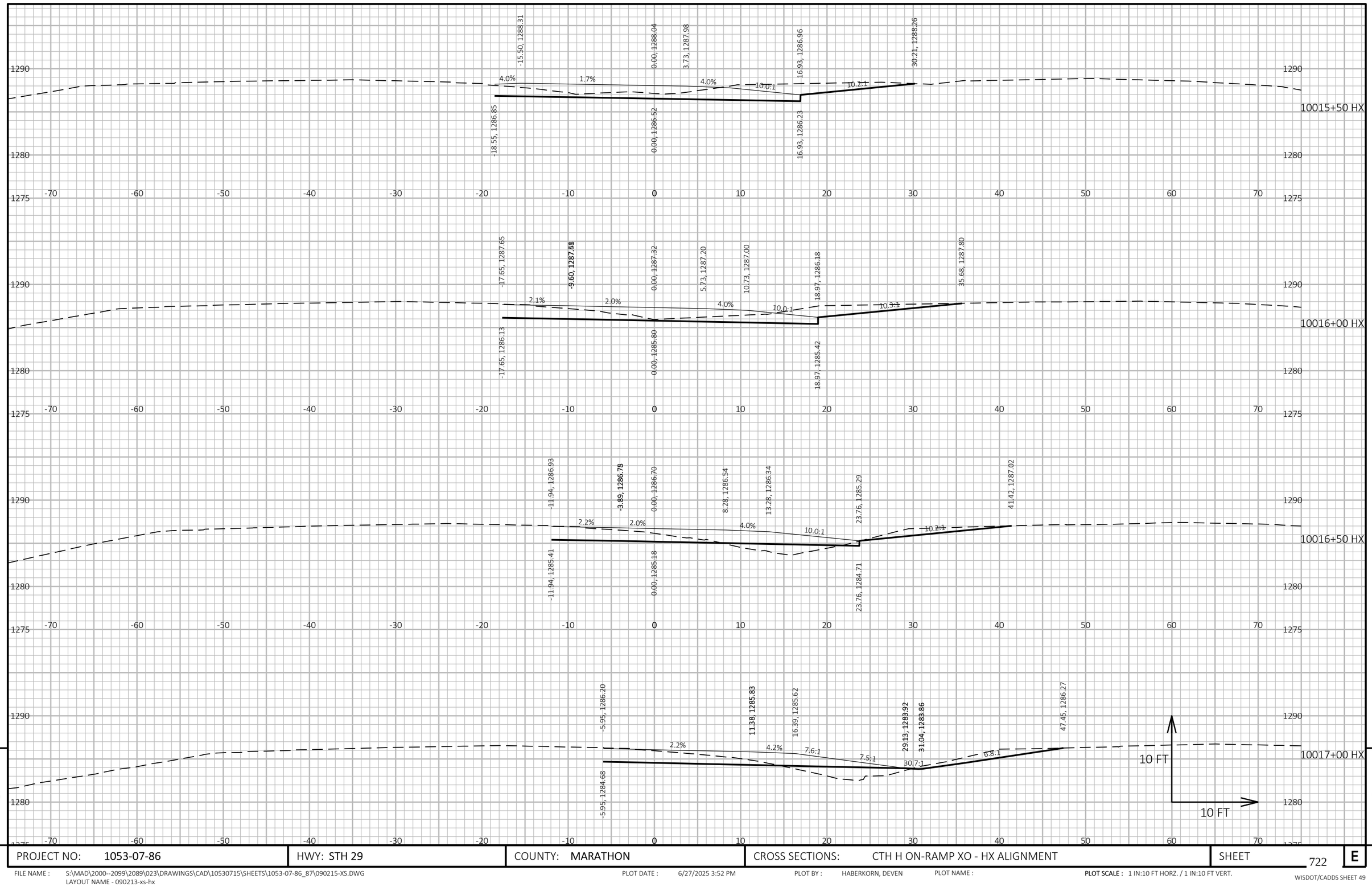
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 721	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090212-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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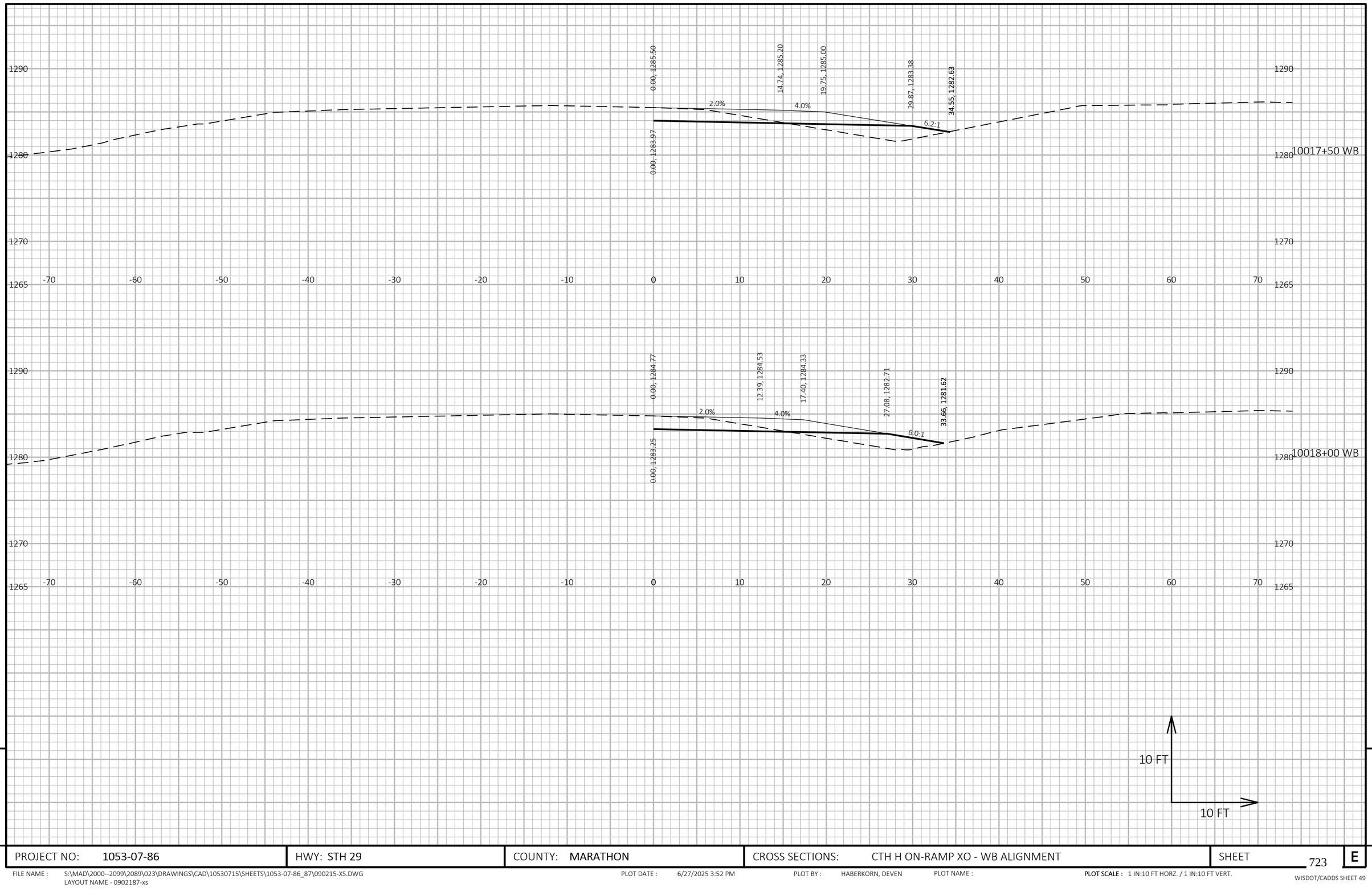
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - HX ALIGNMENT	SHEET 722	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 090213-xs-hx

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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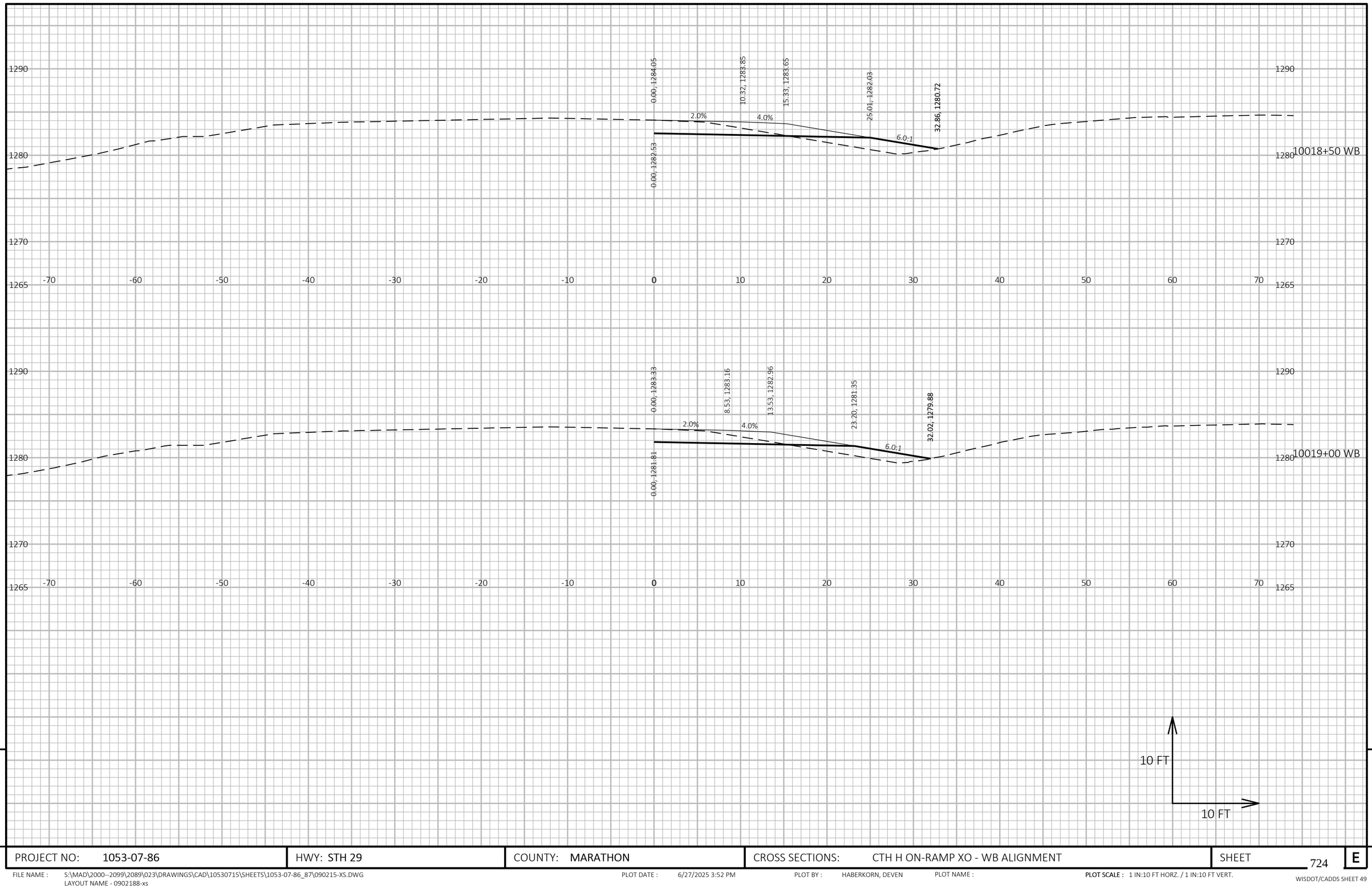
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 723	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902187-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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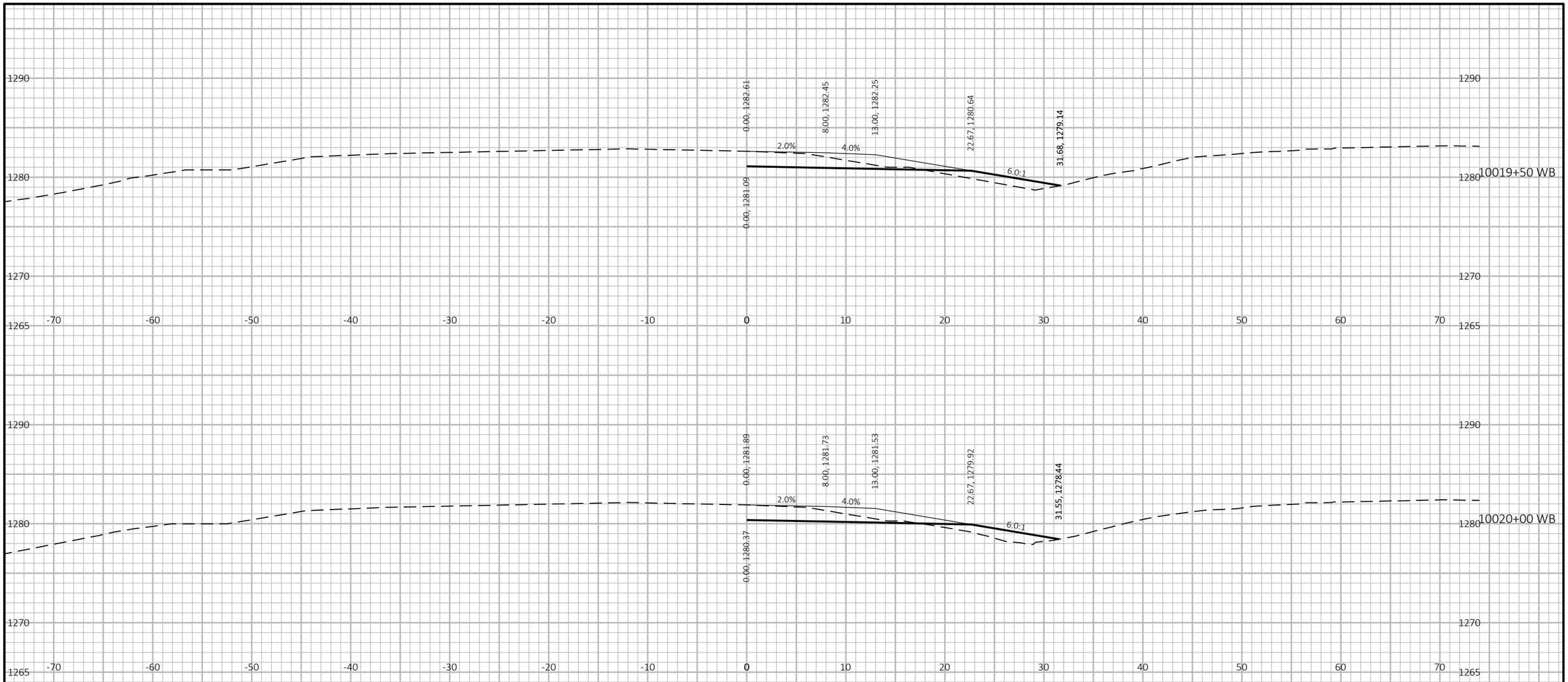
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 724	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902188-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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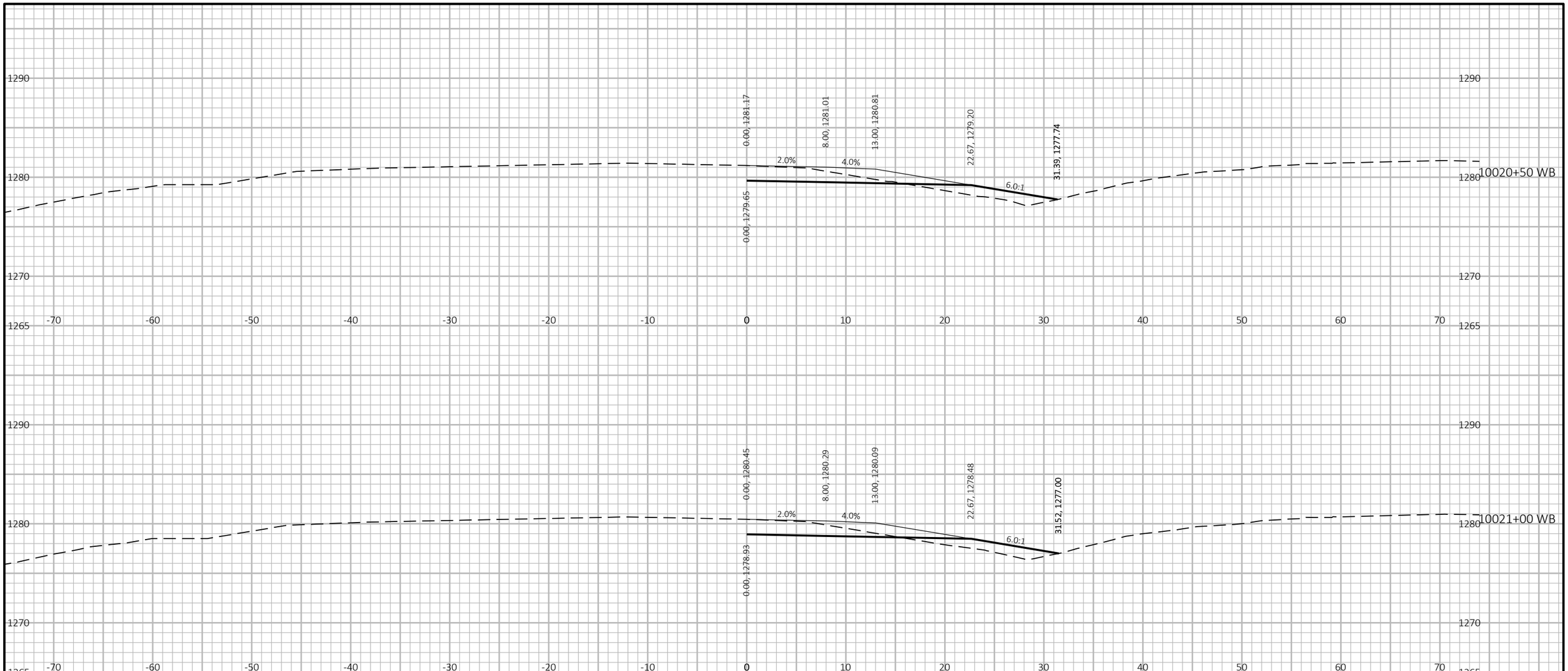
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 725	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902189-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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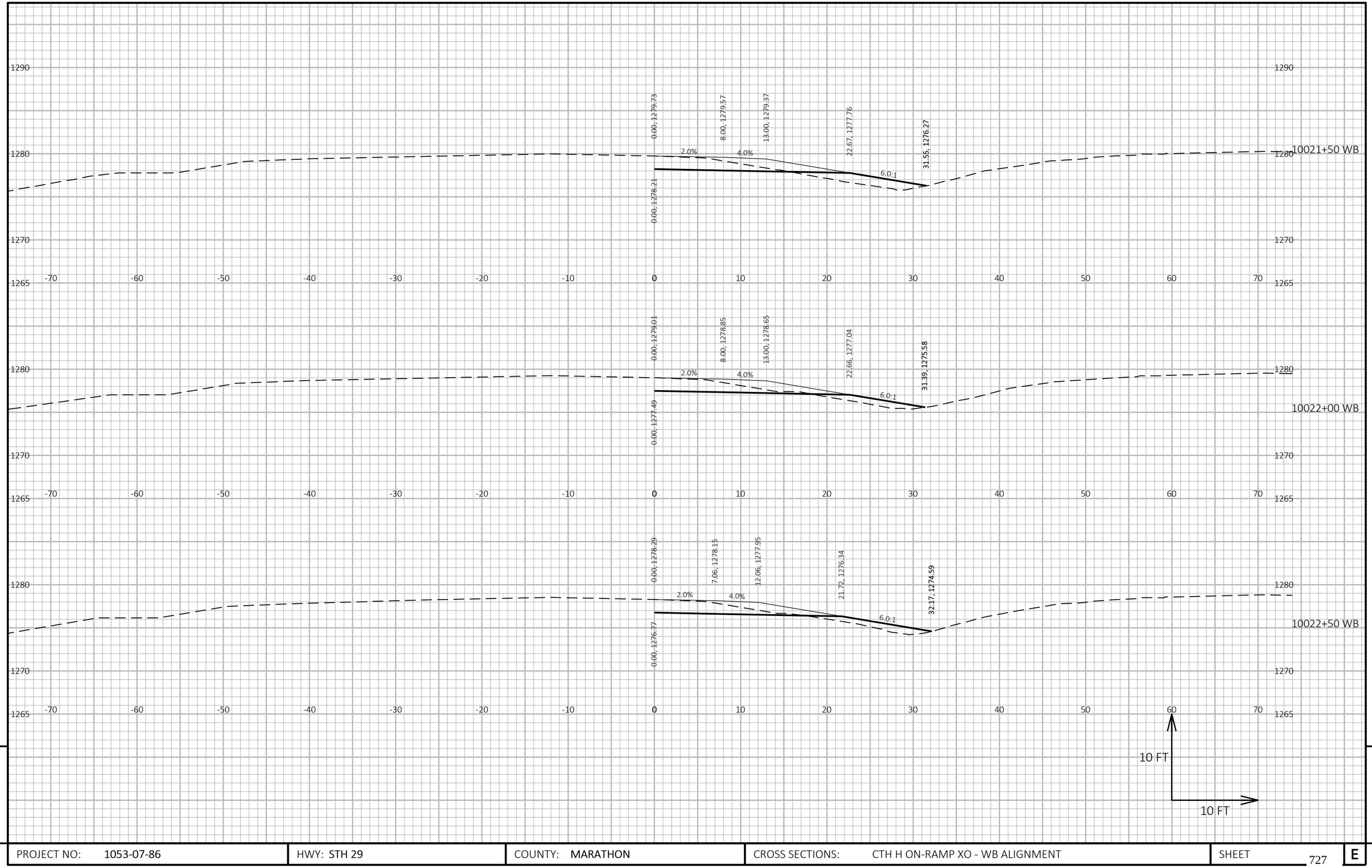
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 726	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902190-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

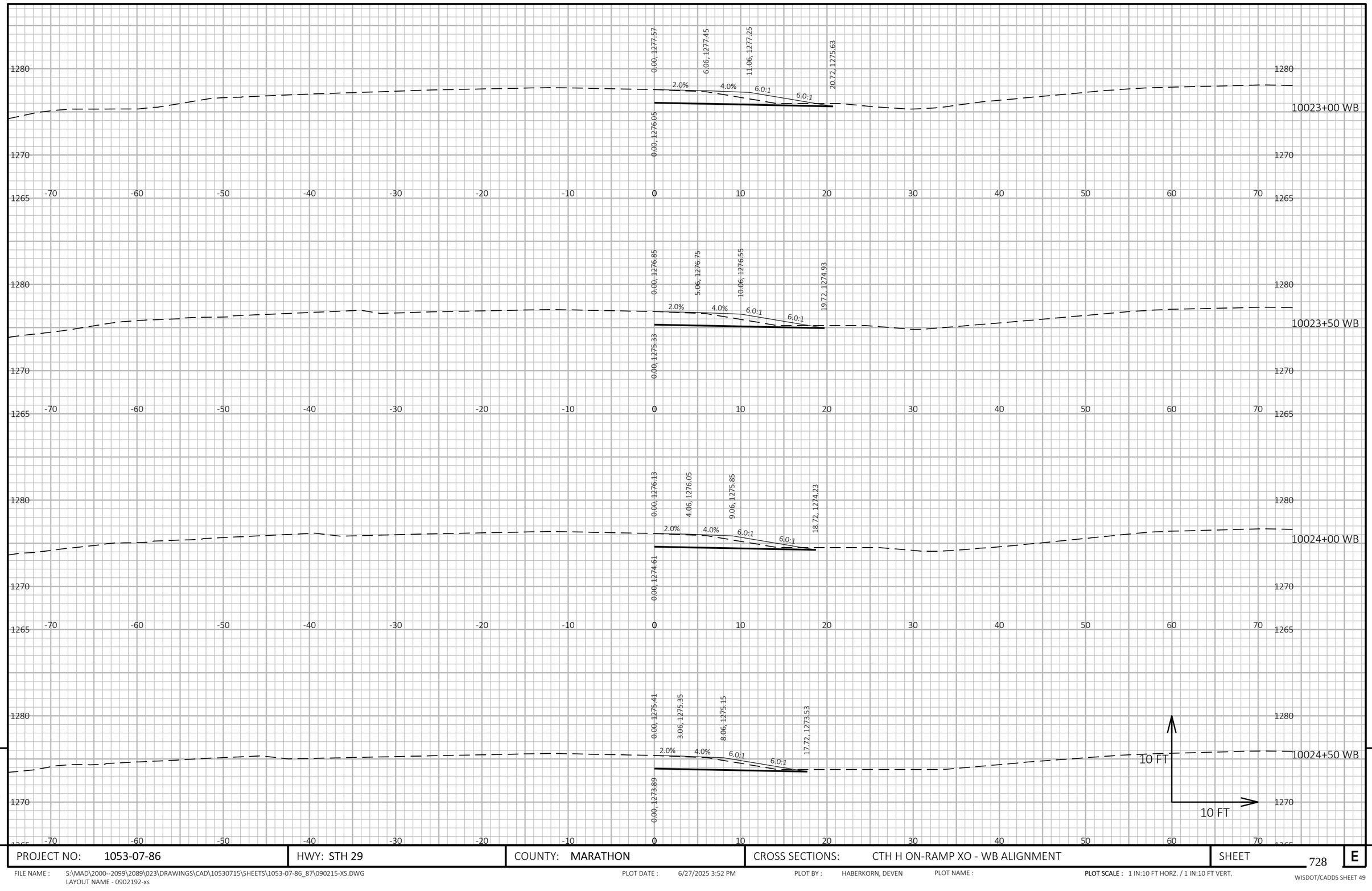


PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 727	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902191-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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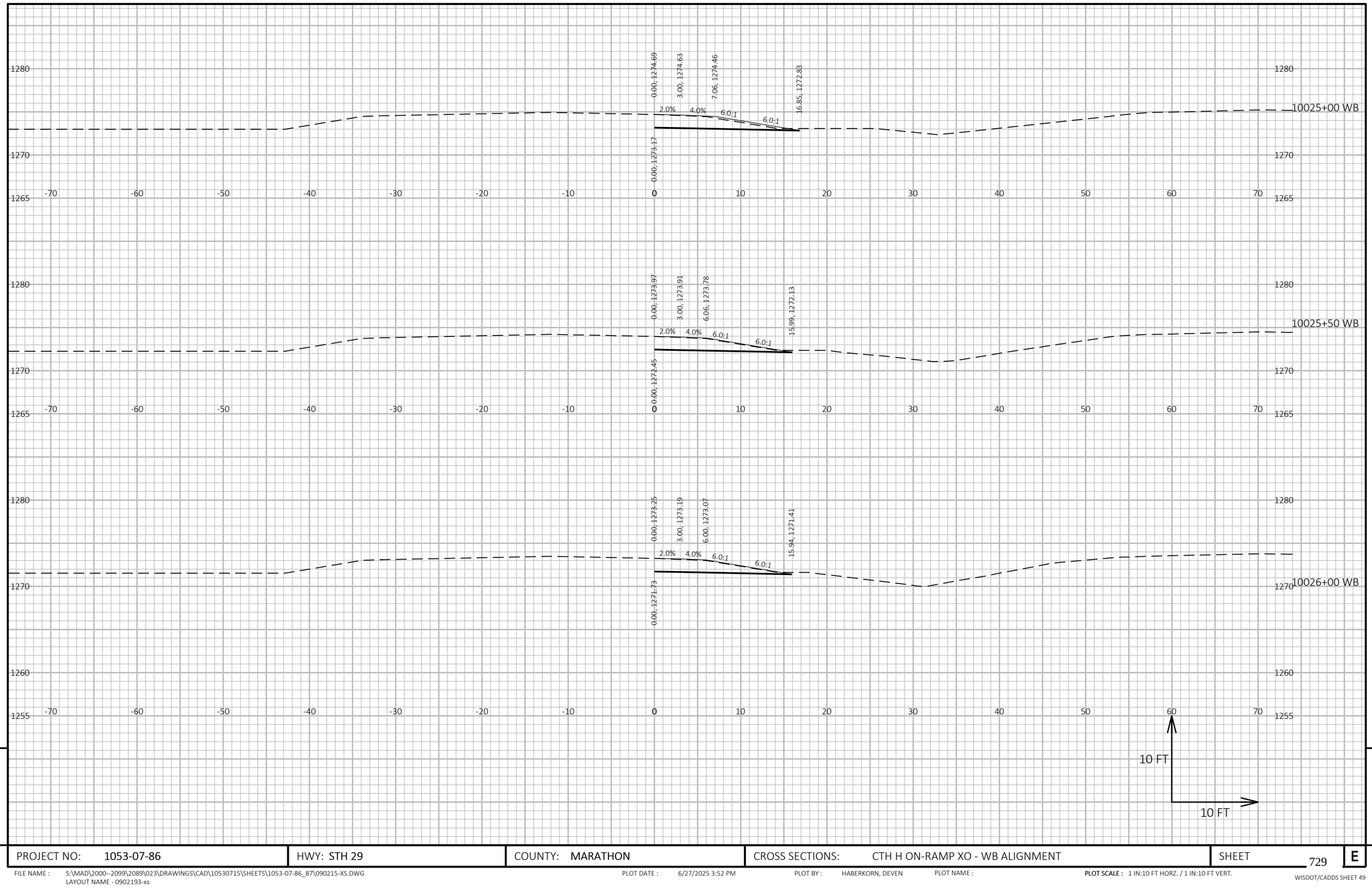
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 728	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902192-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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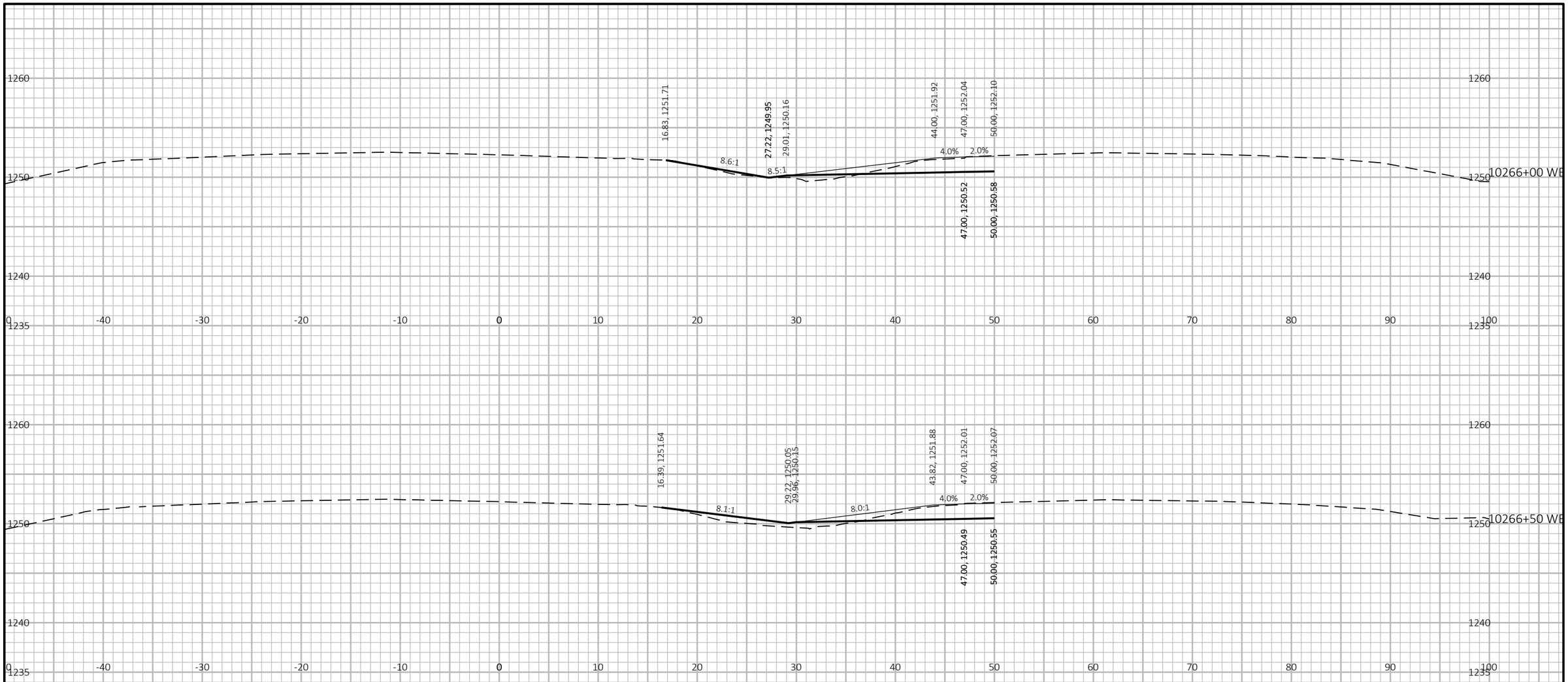
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: CTH H ON-RAMP XO - WB ALIGNMENT	SHEET 729	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090215-XS.DWG
LAYOUT NAME - 0902193-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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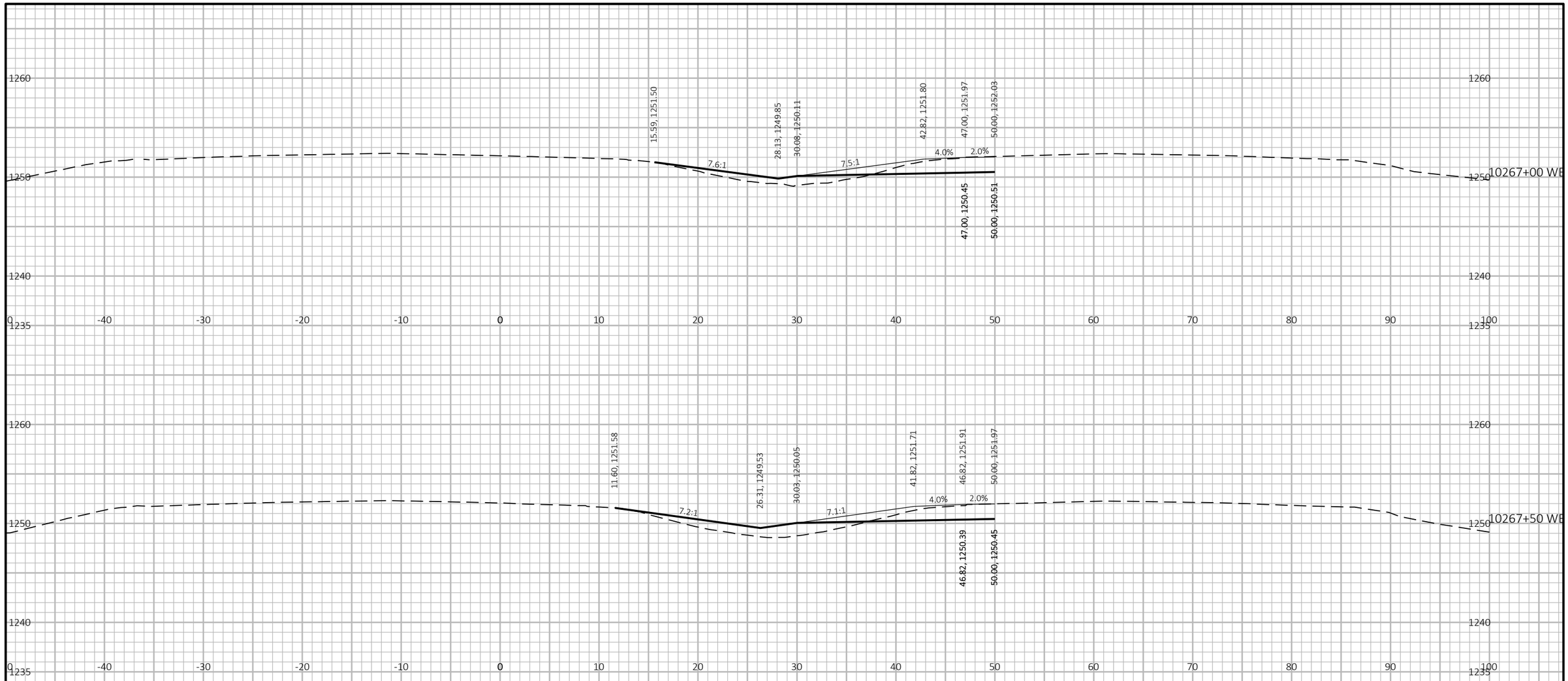
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 730	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902194-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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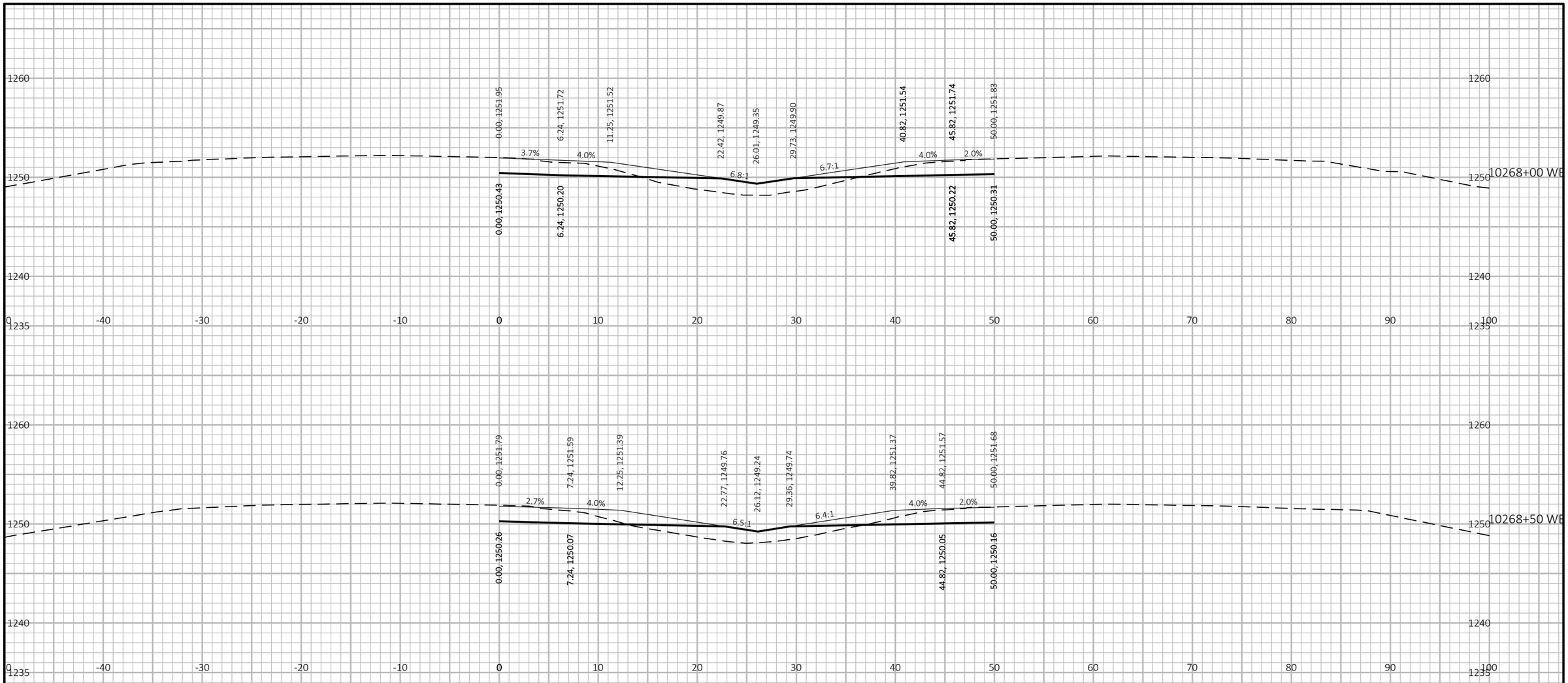
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 731	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902195-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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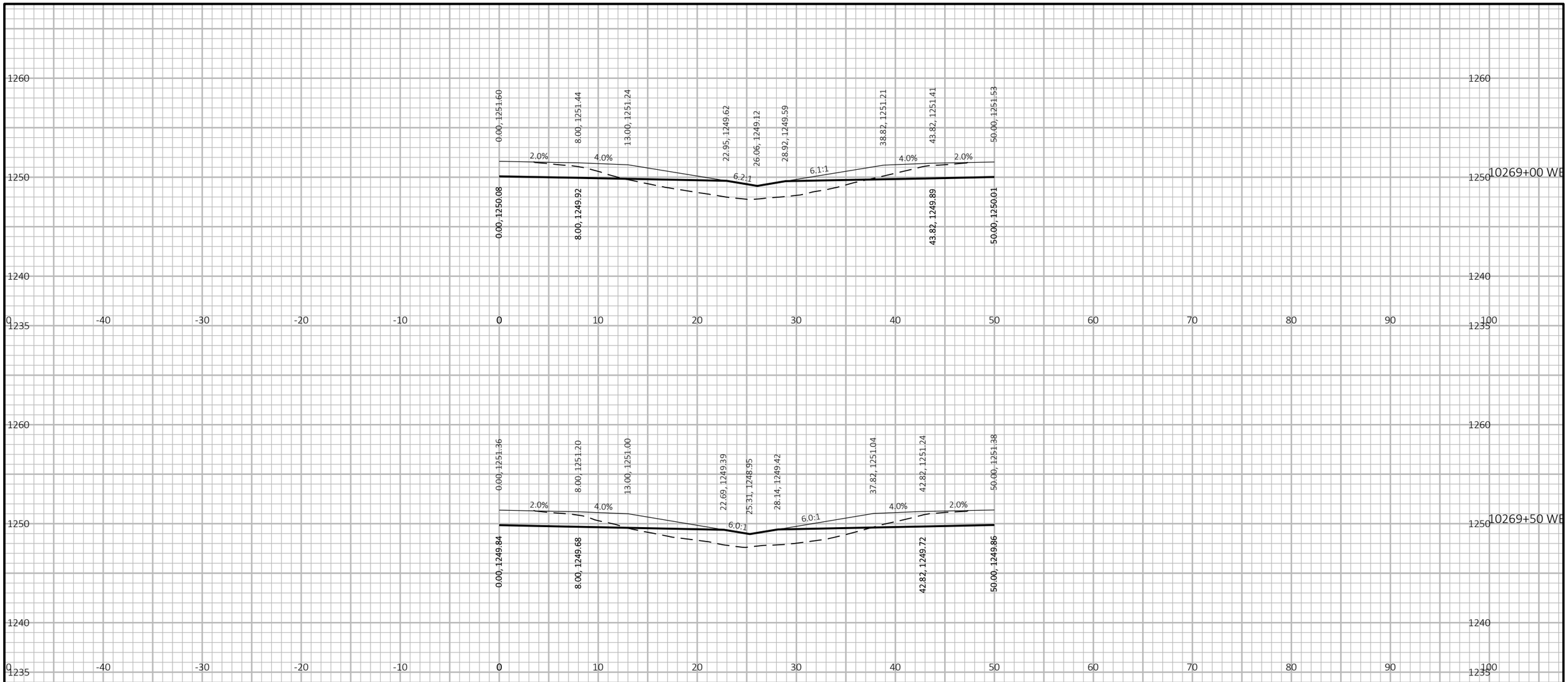
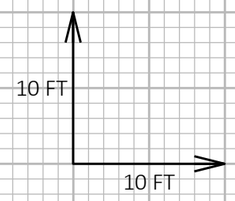
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 732	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902196-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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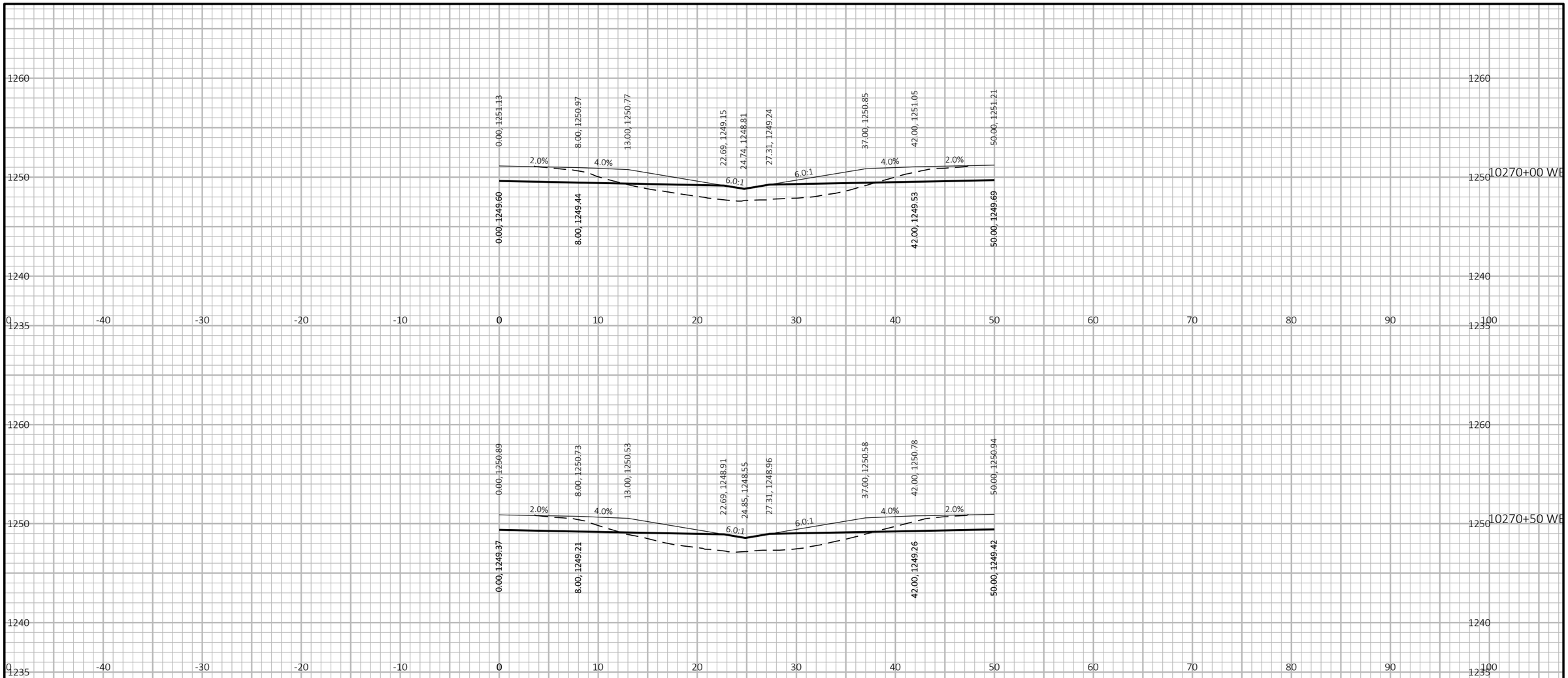
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 733	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902197-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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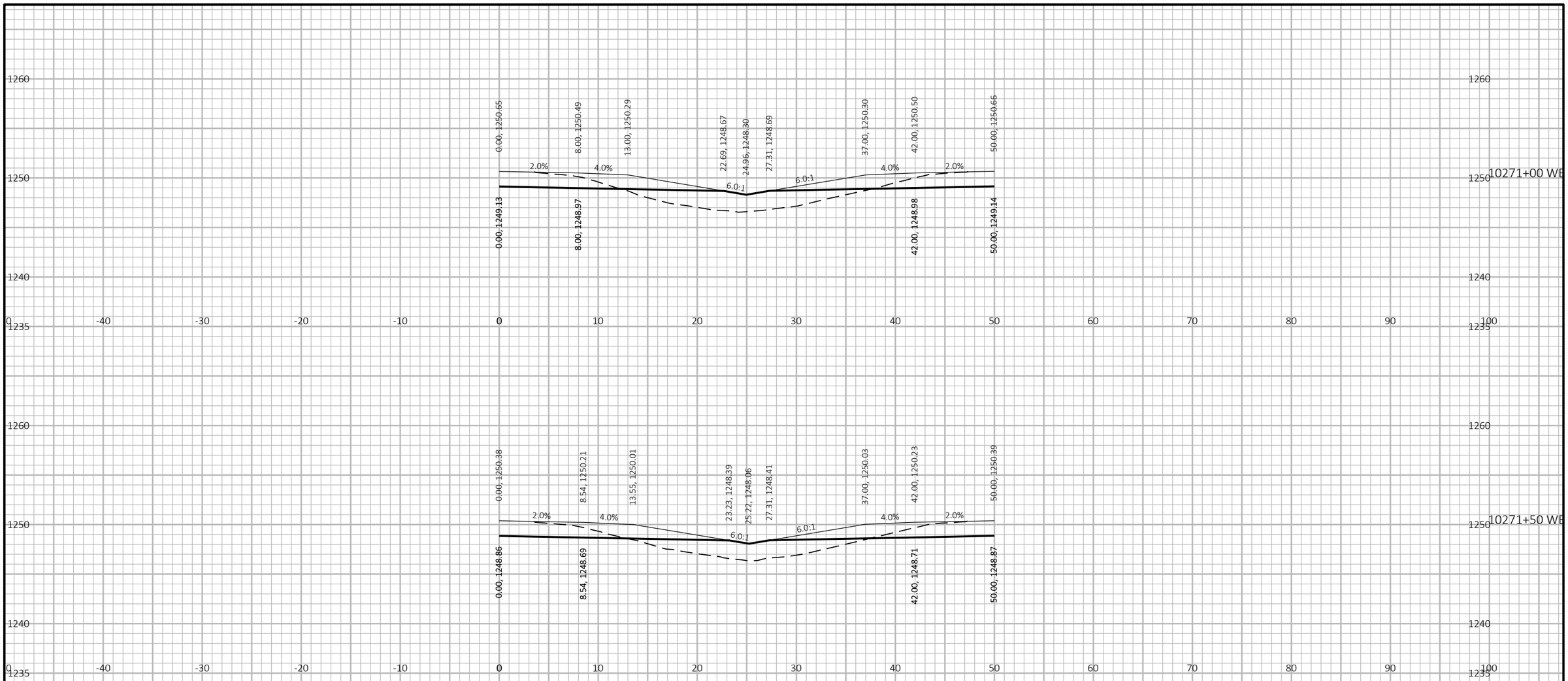
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 734	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902198-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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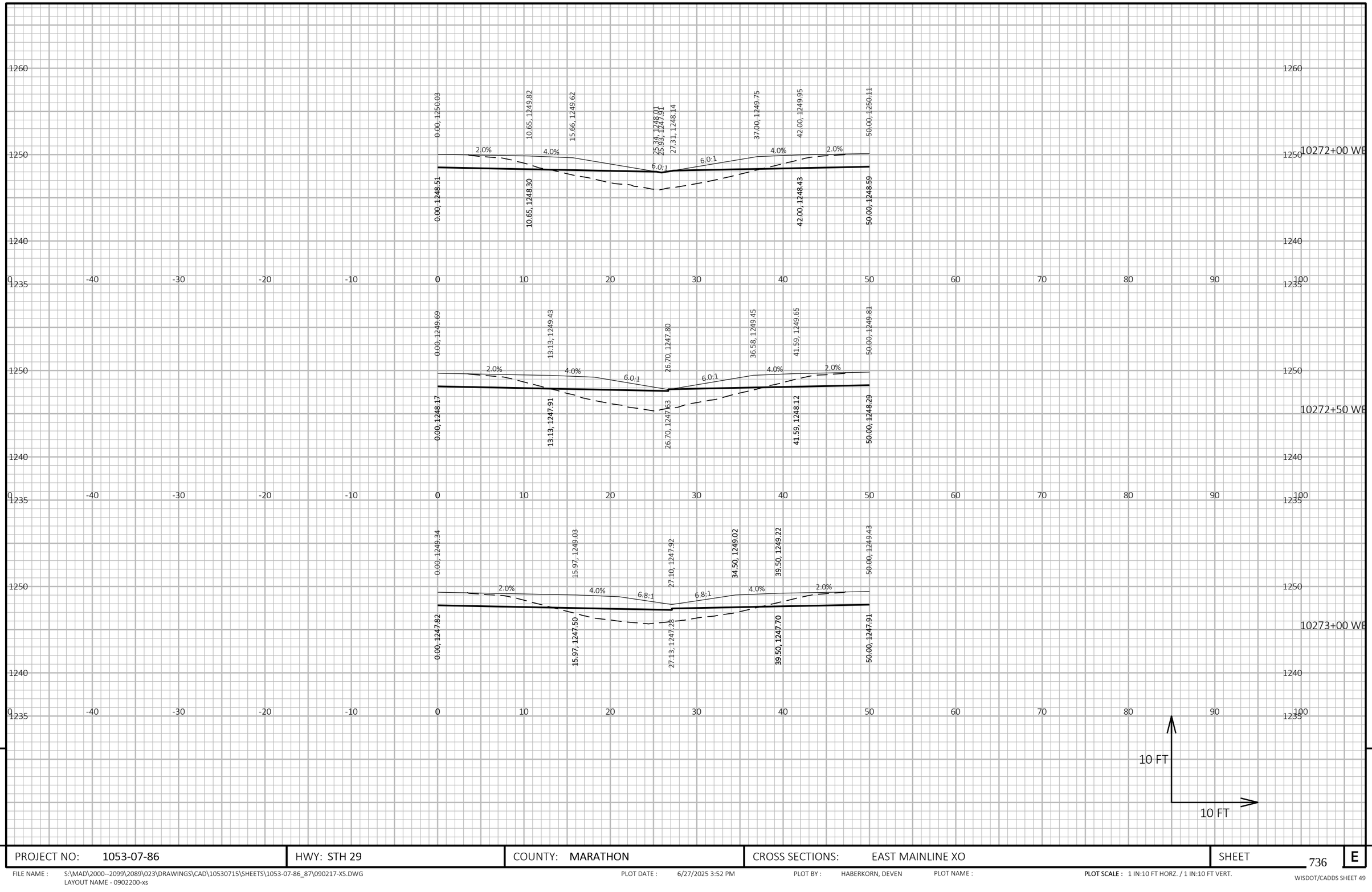
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 735	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902199-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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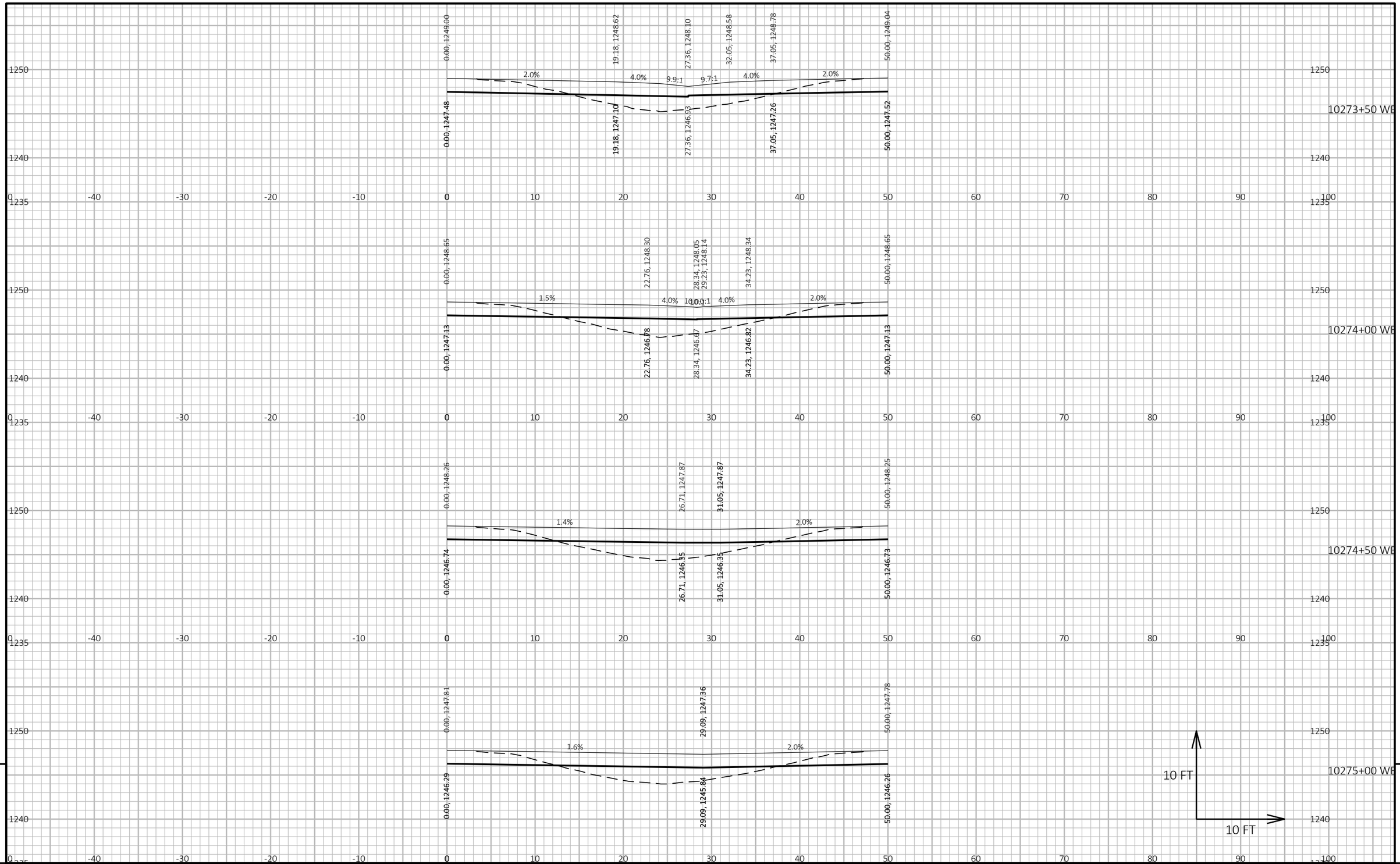
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 736	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902200-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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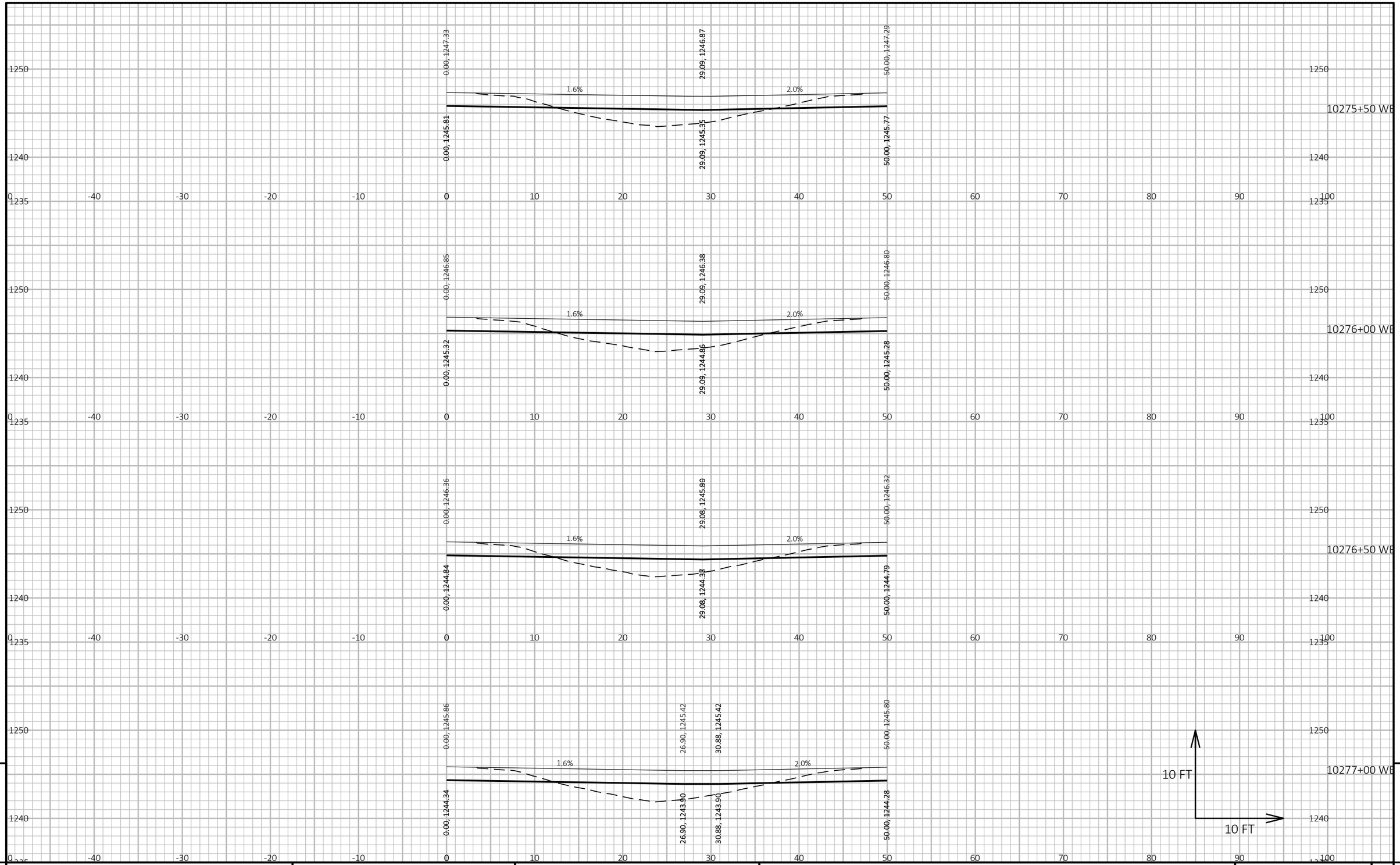
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 737	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902201-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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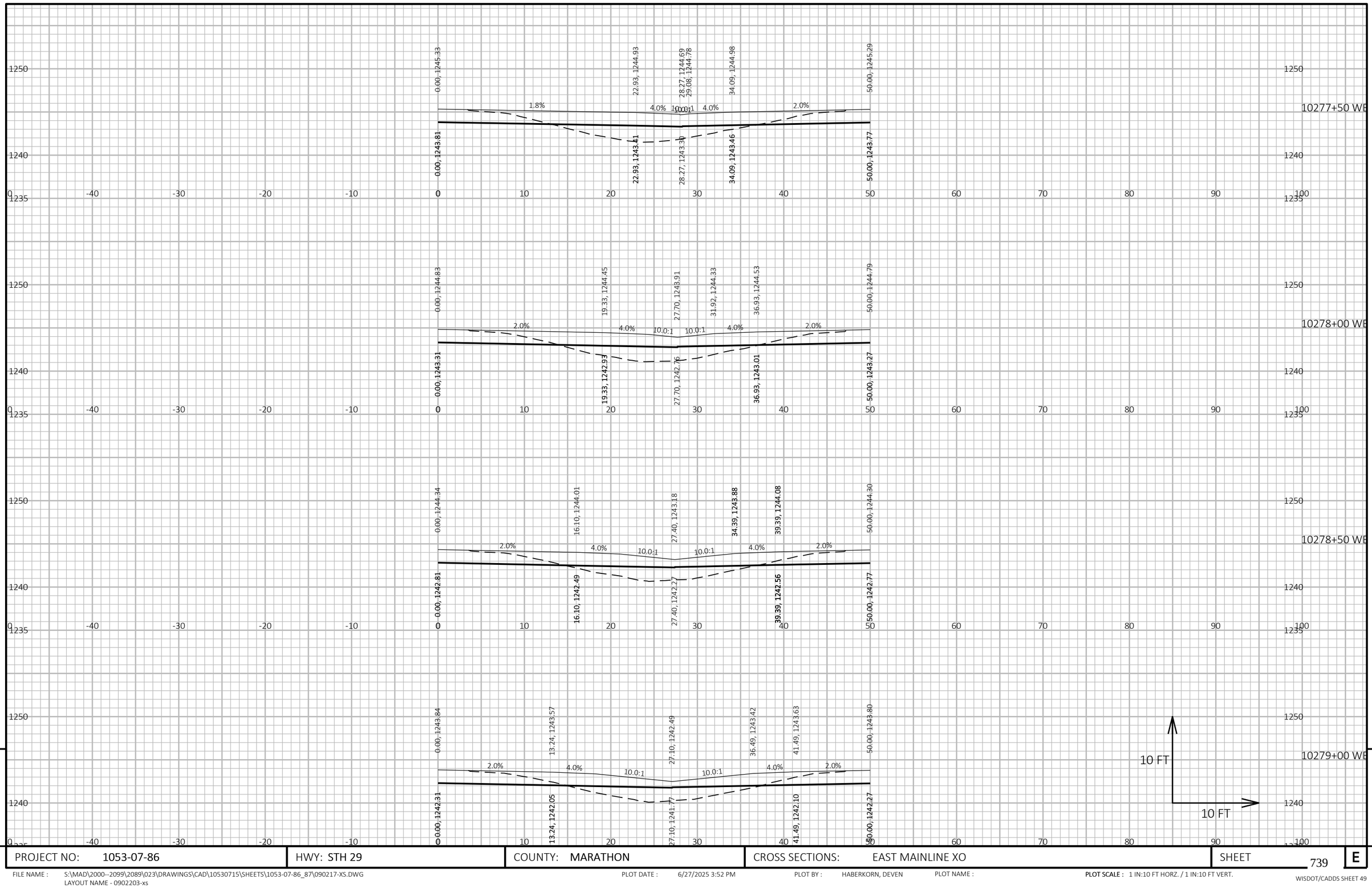
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 738	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902202-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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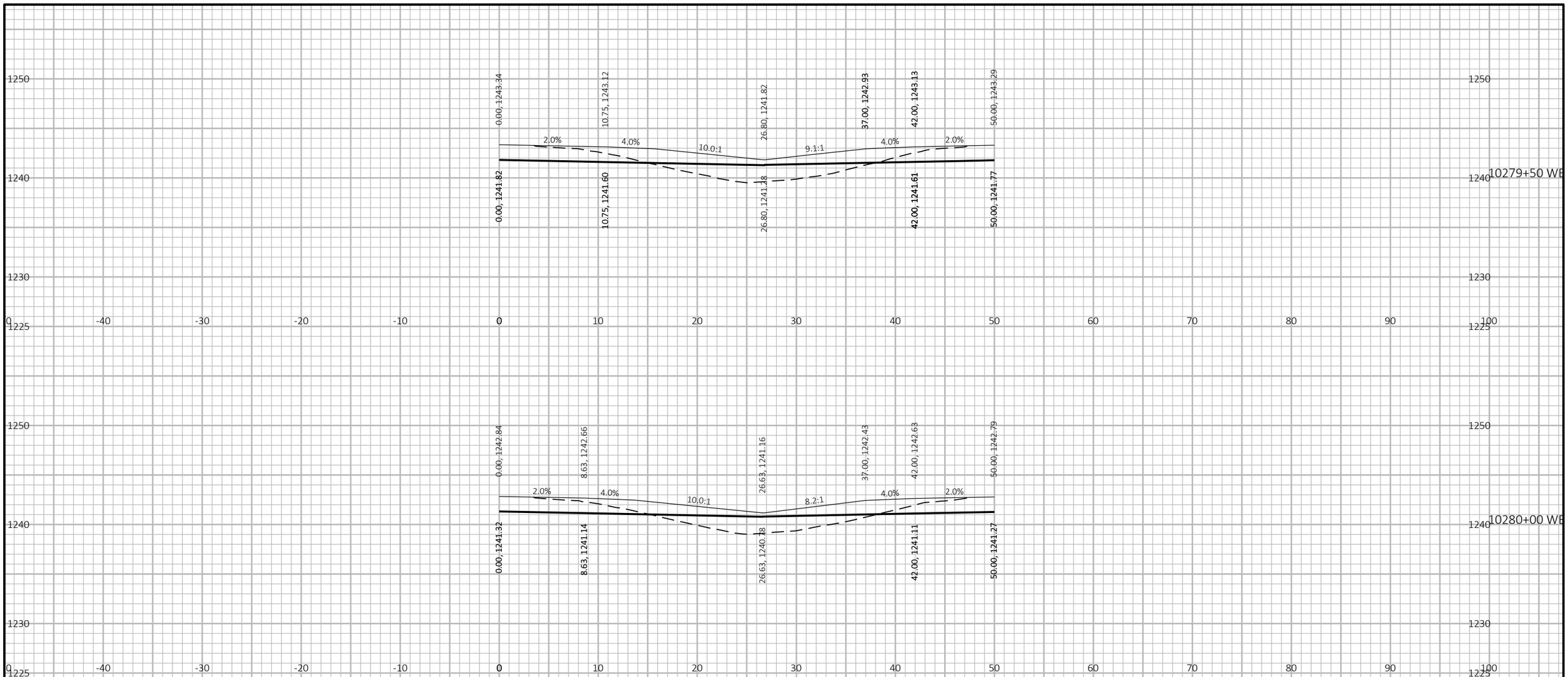
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 739	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902203-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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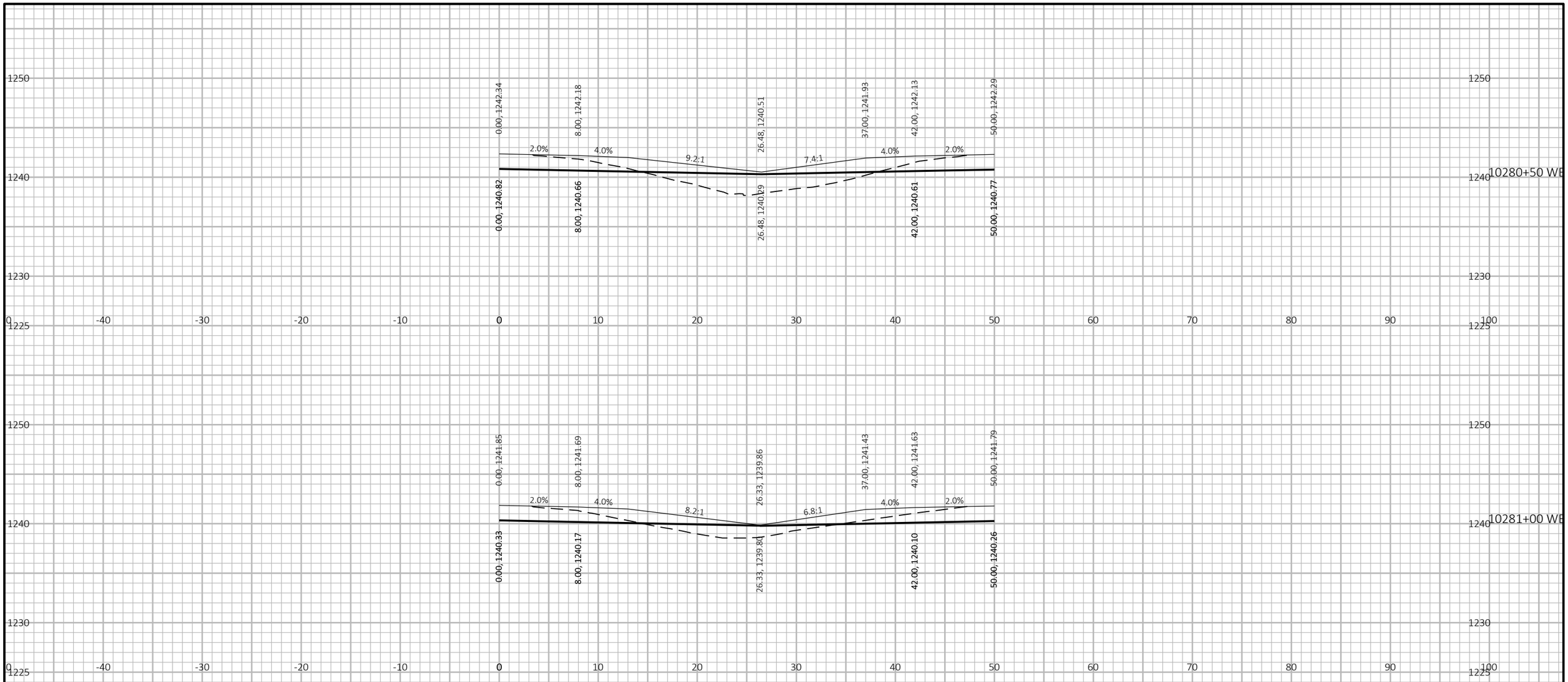
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 740	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902204-xs

PLOT DATE : 6/27/2025 3:52 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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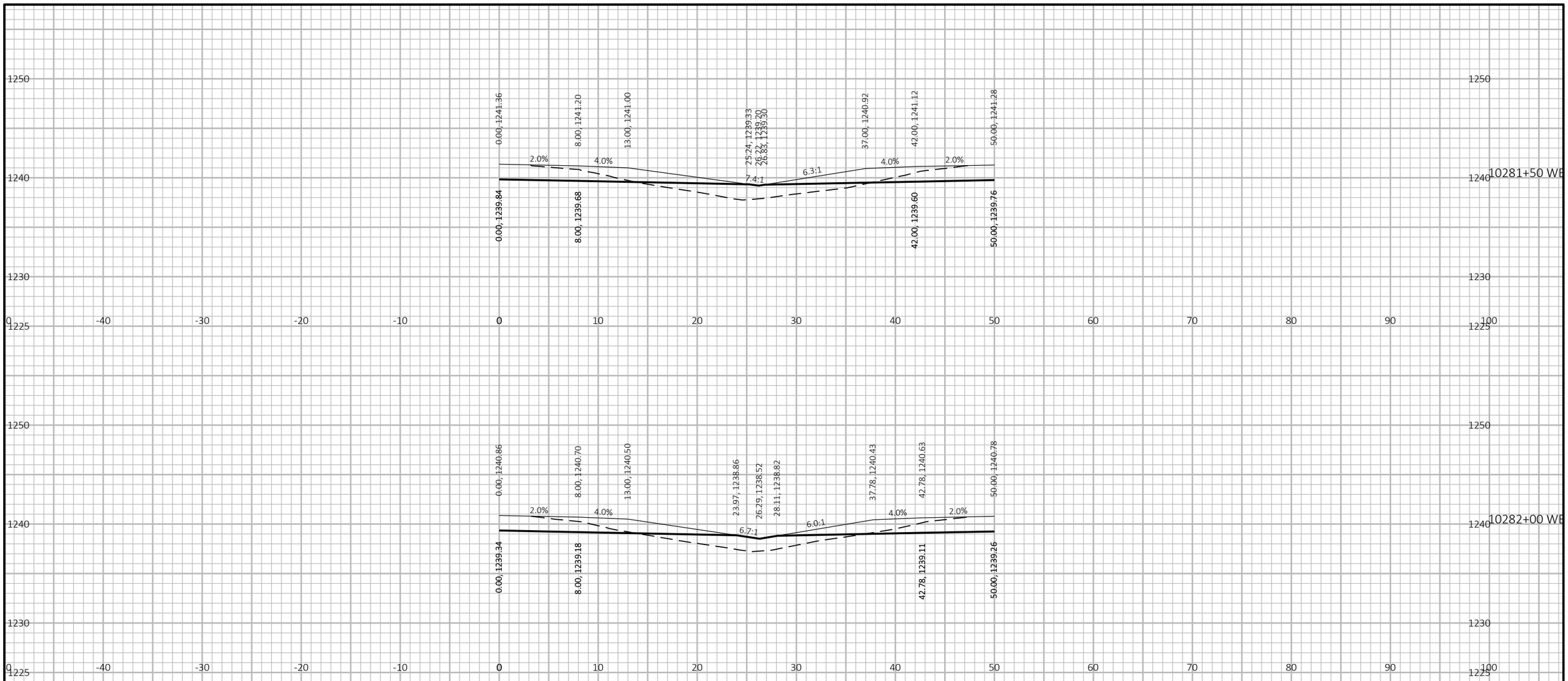
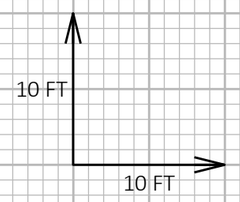
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 741	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902205-xs

PLOT DATE : 6/27/2025 3:53 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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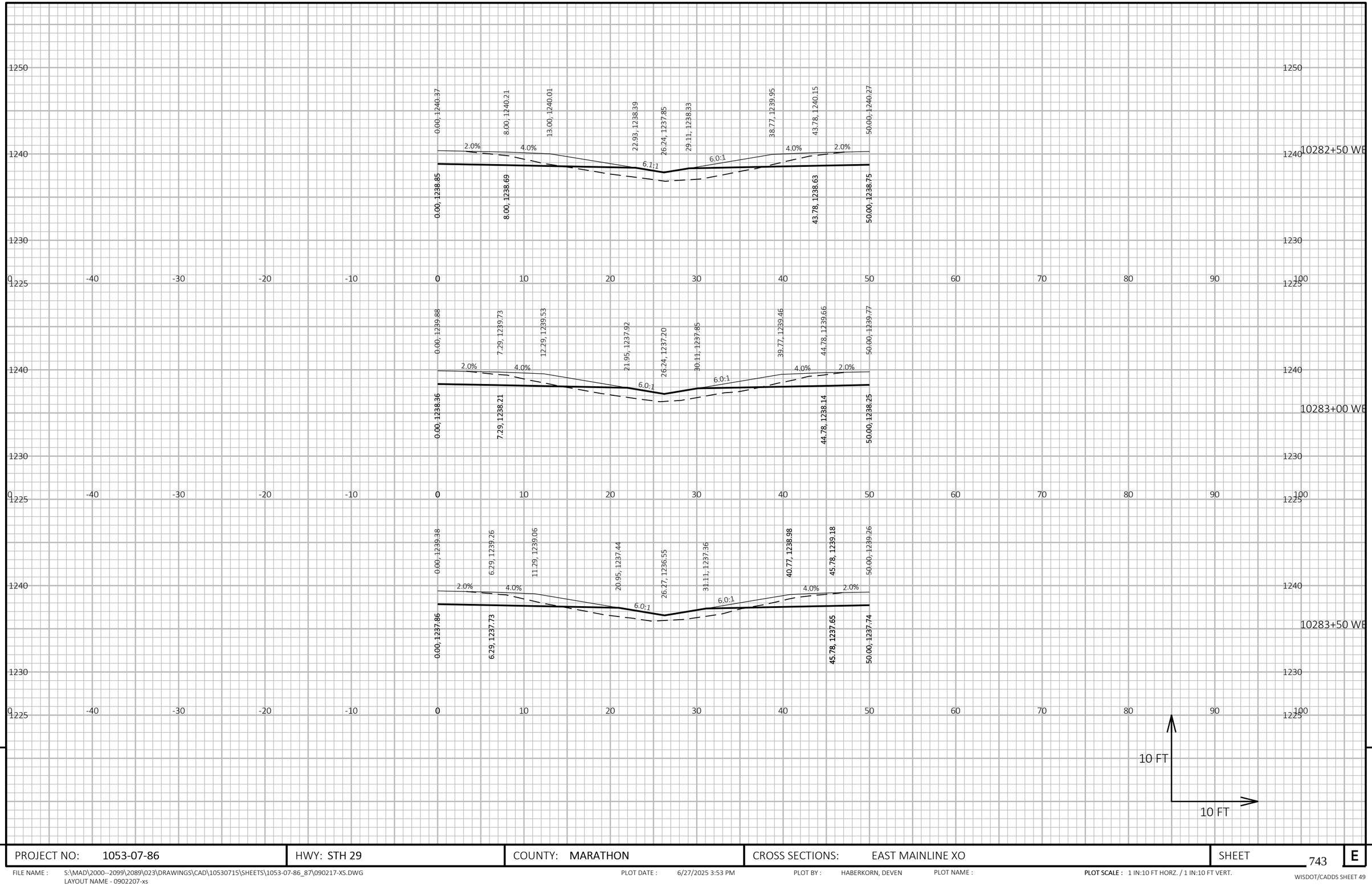
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 742	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902206-xs

PLOT DATE : 6/27/2025 3:53 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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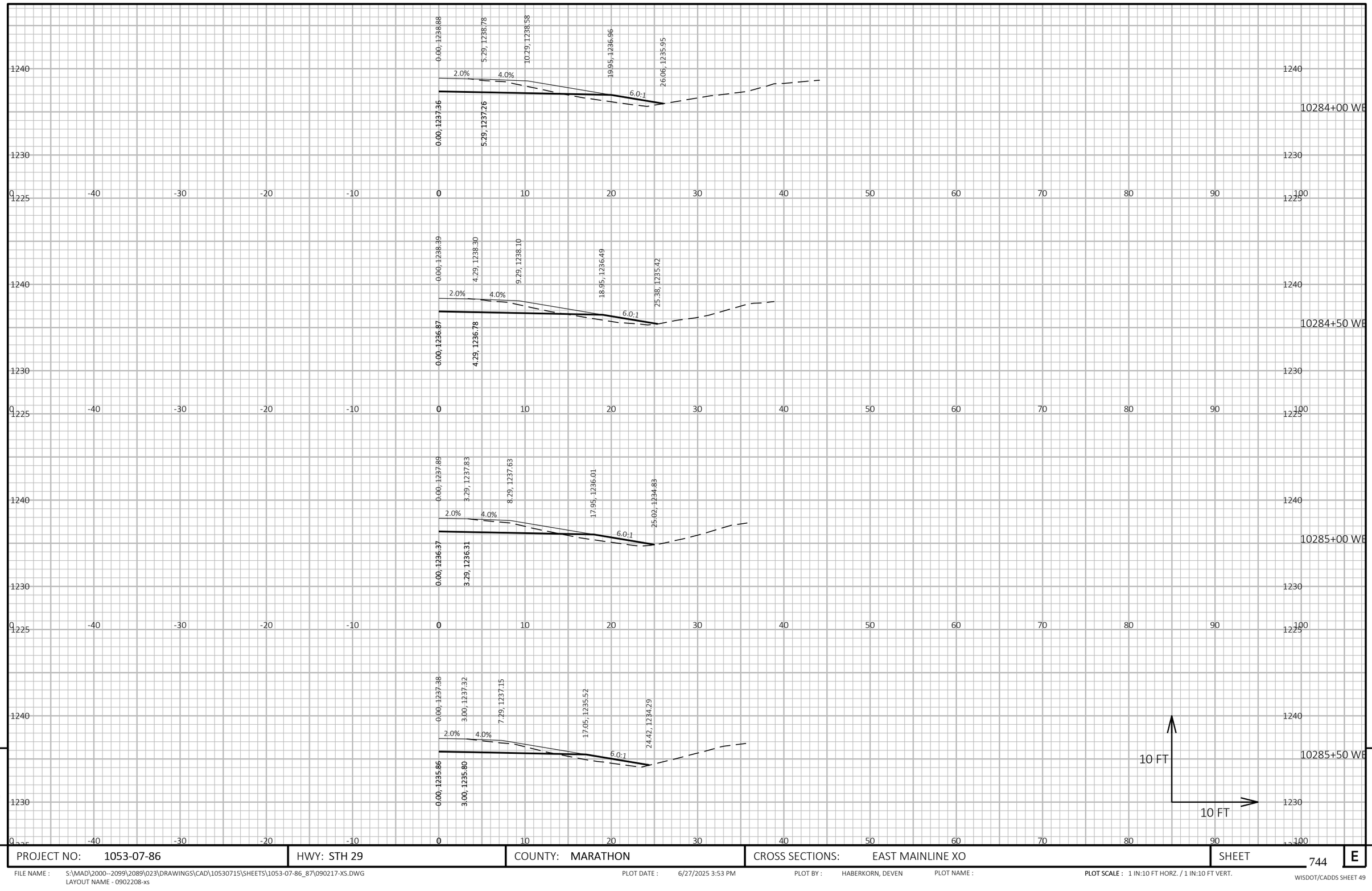
PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 743	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902207-xs

PLOT DATE : 6/27/2025 3:53 PM PLOT BY : HABERKORN, DEVEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 744	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902208-xs

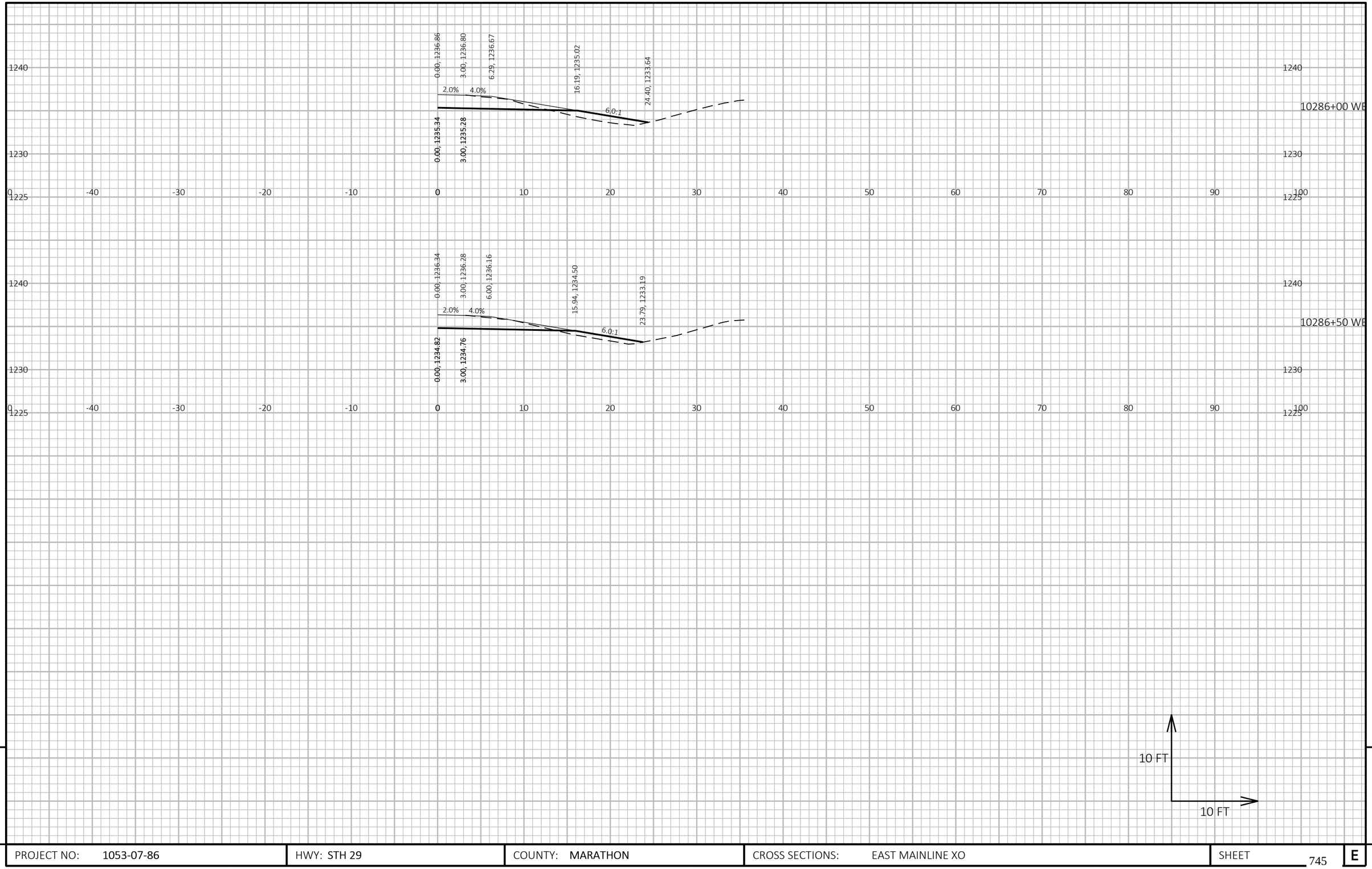
PLOT DATE : 6/27/2025 3:53 PM

PLOT BY : HABERKORN, DEVEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1053-07-86	HWY: STH 29	COUNTY: MARATHON	CROSS SECTIONS: EAST MAINLINE XO	SHEET 745	E

FILE NAME : S:\MAD\2000--2099\2089\023\DRAWINGS\CAD\10530715\SHEETS\1053-07-86_87\090217-XS.DWG
LAYOUT NAME - 0902209-xs

PLOT DATE : 6/27/2025 3:53 PM PLOT BY : HABERKORN, DEVEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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