

**Subject: PUBLIC OUTREACH
ID 9479-00-04/74
CTH H – CTH S
Big Rib River Bridge B-37-0475
CTH A
Marathon County**

Marathon County, in conjunction with the Wisconsin Department of Transportation, plans to replace the CTH A bridge over the Big Rib River, located approximately 0.4 miles west of the intersection with CTH S, in the Town of Hamburg. CORRE has been retained by Marathon County to provide engineering services for the design of this bridge replacement project.

The objective of this Public Outreach is to provide adjacent property owners, interested citizens, and public officials with an opportunity to comment on the bridge and roadway design for this improvement.

Public input is valuable, and we encourage you to ask questions by completing the attached Comment Form or contacting the following representatives:

Eric Price
Consultant Project Manager
(608) 826-6146
eprice@correinc.com

James Griesbach
Marathon County Highway Commissioner
(715) 261-1800
James.Griesbach@co.marathon.wi.us

The following project information is attached:

- Location Map
- Project Facts and Information
- Preliminary Plan Sheets
- Comment Form

Additional project information can also be found on Marathon County's website at:
<https://www.marathoncounty.gov/projects-planning/highway-projects-public-involvement>

If you have any questions, concerns or information that may assist in the development of this project, we encourage you to contact us by November 1st, 2023.

Sincerely,
CORRE, Inc.



Eric Price, P.E.
Project Manager

Project Information & Facts

ID 9479-00-04
CTH H – CTH S
Big Rib River Bridge B-37-0475
CTH A
Marathon County

Sponsor Agencies:	Marathon County WisDOT Northwest Region
Program:	Federal/State Local Bridge Improvement Assistance Program
Funding:	80% State/Federal 20% County
Project Limits:	Bridge & Approaches (734' total project length)
Existing Structure:	Structure No. B-37-25 Sufficiency Rating = 36.7 (measured on a scale of 0 to 100) 3-Span Steel Deck Girder Bridge constructed in 1956 Clear Width Between Railings = 24.0' Overall Length = 196.3'
Existing Approaches:	24' Paved Traveled Way; 4' Shoulders
Traffic Data:	1,200 vehicles/day – 2025 Average Daily Traffic 1,300 vehicles/day – 2045 Average Daily Traffic
Proposed Improvement:	Bridge Replacement with Approach Improvements New Structure B-37-475 (4-Span Haunched Concrete Slab) Clear Width Between Railings = 34.0' Overall Length = 236.6'
Proposed Roadway:	24.0' Wide Paved Traveled Way 4.0' Shoulders
Right-of-Way:	Minor acquisitions will be required to accommodate the larger structure.
Preliminary Cost Estimate:	\$2.0M – \$2.5M
Project Schedule:	Submit Final Bridge Plans to WisDOT.....June 1, 2024 Submit Final Construction Docs to WisDOT.....August 1, 2024 Bid Letting.....November 12, 2024 Construction Timeline.....Summer 2025 Construction Duration.....approx. 3.5 months
During Construction:	The bridge will be closed to traffic during construction. A detour route will be posted. Access to adjacent properties will be maintained throughout construction.

Additional project information is available at
<https://www.marathoncounty.gov/projects-planning/highway-projects-public-involvement>

PROJECT ID: 9479-00-74

COUNTY: MARATHON

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CTH H - CTH S

BIG RIB RIVER BRIDGE B-37-0475

CTH A

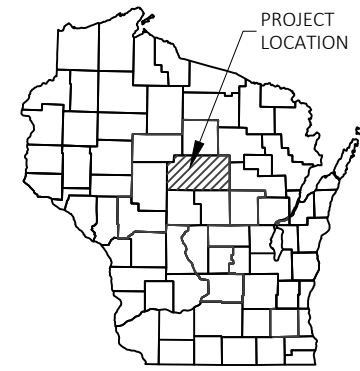
MARATHON COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9479-00-74		

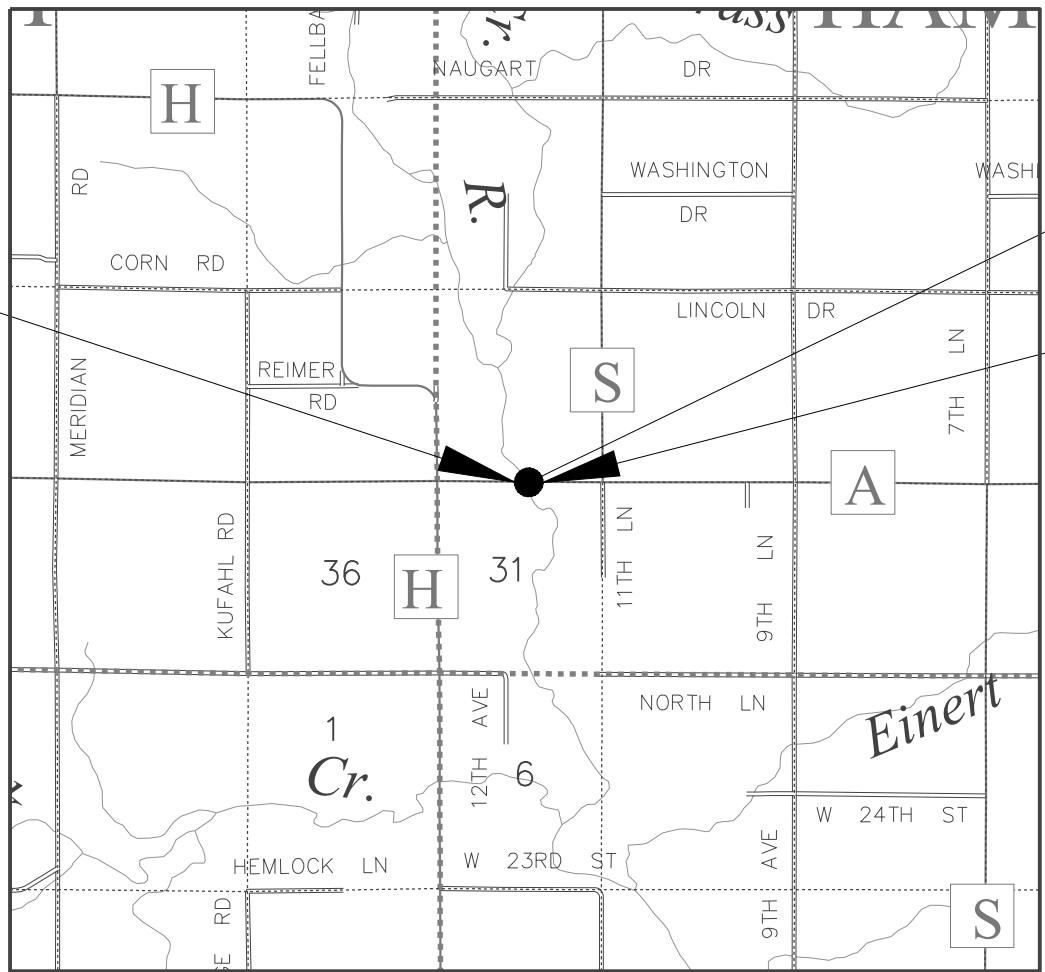
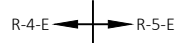
ORDER OF SHEETS

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

TOTAL SHEETS =



STATE PROJECT NUMBER
9479-00-74



BEGIN PROJECT
STA 28+63.00
Y = 234044.47
X = 197071.81

STRUCTURE B-37-0475

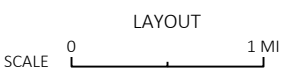
END PROJECT
STA 33+00.00

DESIGN DESIGNATION

A.A.D.T. (2025)	=	1,200
A.A.D.T. (2045)	=	1,300
D.H.V.	=	N/A
D.D.	=	50/50
T.	=	11.0%
DESIGN SPEED	=	55 MPH
ESALS	=	270,000

CONVENTIONAL SYMBOLS

PLAN	PROFILE
CORPORATE LIMITS	GRADE LINE
PROPERTY LINE	ORIGINAL GROUND
LOT LINE	MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT	SPECIAL DITCH
EXISTING RIGHT OF WAY	GRADE ELEVATION
PROPOSED OR NEW R/W LINE	CULVERT (Profile View)
SLOPE INTERCEPT	UTILITIES
REFERENCE LINE	ELECTRIC
EXISTING CULVERT	FIBER OPTIC
PROPOSED CULVERT (Box or Pipe)	GAS
COMBUSTIBLE FLUIDS	SANITARY SEWER
MARSH AREA	STORM SEWER
WOODED OR SHRUB AREA	TELEPHONE
	WATER
	UTILITY PEDESTAL
	POWER POLE
	TELEPHONE POLE



TOTAL NET LENGTH OF CENTERLINE = 0.083 MILES

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 18-WI.

ACCEPTED FOR
MARATHON COUNTY
Date _____
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY
CORRE ENGINEERING

DATE: _____
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor _____ CORRE, INC.
Designer _____ CORRE, INC.
Project Manager _____ MICHAEL GRAGE, P.E.
Regional Examiner _____ N/A
Regional Supervisor _____ DAN ERVA, P.E.

APPROVED FOR THE DEPARTMENT
DATE: _____
(Signature)

E

GENERAL NOTES:

WHEN THE QUANTITY OF BASE AGGREGATE OR ASPHALTIC SURFACE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES BY CALLING DIGGER'S HOTLINE AND CONTACTING UTILITIES DIRECTLY AS NEEDED.

CONTRACTOR SHALL NOTIFY THE MARATHON COUNTY SURVEYOR AT LEAST 10 DAYS PRIOR TO THE START OF CONSTRUCTION TO COORDINATE THE PRESERVATION OF SURVEY MONUMENTS THAT MAY BE DISTURBED BY CONSTRUCTION ACTIVITIES.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND PUBLIC TRAILS AT ALL TIMES.

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

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 120 LB/SY/IN.

TACK COAT CALCULATIONS ARE BASED ON AN APPLICATION RATE OF 0.07 GAL/SY.

RUNOFF COEFFICIENT TABLE

Table with columns for LAND USE, HYDROLOGIC SOIL GROUP (A, B, C, D), and SLOPE RANGE (PERCENT) (0-2, 2-6, 6 & OVER).

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

UTILITY CONTACTS

COMMUNICATION

FRONTIER COMMUNICATIONS
118 DIVISION STREET
PLYMOUTH, WI 53073

RUSSELL RYAN
PHONE: (920) 583-3275
RUSSELL.W.RYAN@FTR.COM

COMMUNICATION

BUG TUSSEL WIRELESS
417 PINE STREET
GREEN BAY, WI 54301

TOM LIEBERHERR
PHONE: (920) 366-1735
TOM.LIEBERHERR@BTUSSEL.COM

ELECTRICITY

WISCONSIN PUBLIC SERVICE CORP.
P.O. BOX 19001
GREEN BAY, WI 54301

WENDY CHRIST
PHONE: (920) 617-5173
UTILITIESRELOCATION@WISCONSINPUBLICSERVICE.COM

STANDARD ABBREVIATIONS

Table listing standard abbreviations such as ABUT, AEW, AGG, ASPH, AVG, AADT, BK, BAD, BL or B/L, BM, BR, CL or C/L, CC, CE, CONC, CO, CTH, CPCS, CABC, CY or CUYD, CP, CPRC, C&G, DHV, DIA, DWY, E, EB, ELEC, EL or ELEV, ESALS, EXC, EBS, EXP, FF, FE, FAB, FL or F/L Flow, FT, ABUTMENT, APRON END WALL, AGGREGATE, ASPHALTIC, AVERAGE, ANNUAL AVERAGE DAILY TRAFFIC, BACK, BASE AGGREGATE DENSE, BASE LINE, BENCH MARK, BRIDGE, CENTER LINE, CENTER TO CENTER, COMMERCIAL ENTRANCE, CONCRETE, COUNTY, COUNTY TRUNK HIGHWAY, CULVERT PIPE CORRUGATED STEEL, CRUSHED AGGREGATE BASE COURSE, CUBIC YARD, CULVERT PIPE, CULVERT PIPE REINFORCED CONCRETE, CURB AND GUTTER, DESIGN HOUR VOLUME, DIAMETER, DRIVEWAY, EAST, EASTBOUND, ELECTRIC, ELEVATION, EQUIVALENT SINGLE AXLE LOADS, EXCAVATION, EXCAVATION BELOW SUBGRADE, EXPANSION, FACE TO FACE OR FRONT FACE, FIELD ENTRANCE, FLASHING ARROW BOARD, FLOW LINE, FOOT, FTG, FOOTING, HT, HEIGHT, HES, HIGH EARLY STRENGTH, CWT, HUNDREDWEIGHT, IP, IRON PIPE OR PIN, LT, LEFT, LIN FT or LF, LINEAR FOOT, LS, LUMP SUM, MH, MANHOLE, ML or M/L, MATCH LINE, MB, MESSAGE BOARD, N, NORTH, NB, NORTHBOUND, PC, POINT OF CURVATURE, PI, POINT OF INTERSECTION, PT, POINT OF TANGENCY, PCC, PORTLAND CEMENT CONCRETE, PE, PRIVATE ENTRANCE, R, RADIUS, RL or R/L, REFERENCE LINE, RT, RIGHT, R/W, RIGHT-OF-WAY, RD, ROAD, SHLDR, SHOULDER, SW, SIDEWALK, S, SOUTH, SB, SOUTHBOUND, SF or SQ FT, SQUARE FEET, SY of SQ YD, SQUARE YARD, SDD, STANDARD DETAIL DRAWINGS, STH, STATE TRUNK HIGHWAYS, STA, STATION, SE, SUPERELEVATION, TEL, TELEPHONE, UG, UNDERGROUND, VC, VERTICAL CURVE, VPI, VERTICAL POINT OF INTERSECTION, W, WEST, WB, WESTBOUND.

WISDOT CONTACT

NORTH CENTRAL REGION - RHINELANDER OFFICE
510 HANSON LAKE ROAD
RHINELANDER, WI 54501

MICHAEL GRAGE, P.E.
PHONE: (715) 365-5705
MICHAEL.GRAGE@DOT.WI.GOV

DESIGN CONTACT

CORRE, INC.
6510 GRAND TETON PLAZA, SUITE 314
MADISON, WI 53719

ERIC PRICE, P.E.
PHONE: (608) 826-6146
E-MAIL: EPRICE@CORREINC.COM

DNR CONTACT

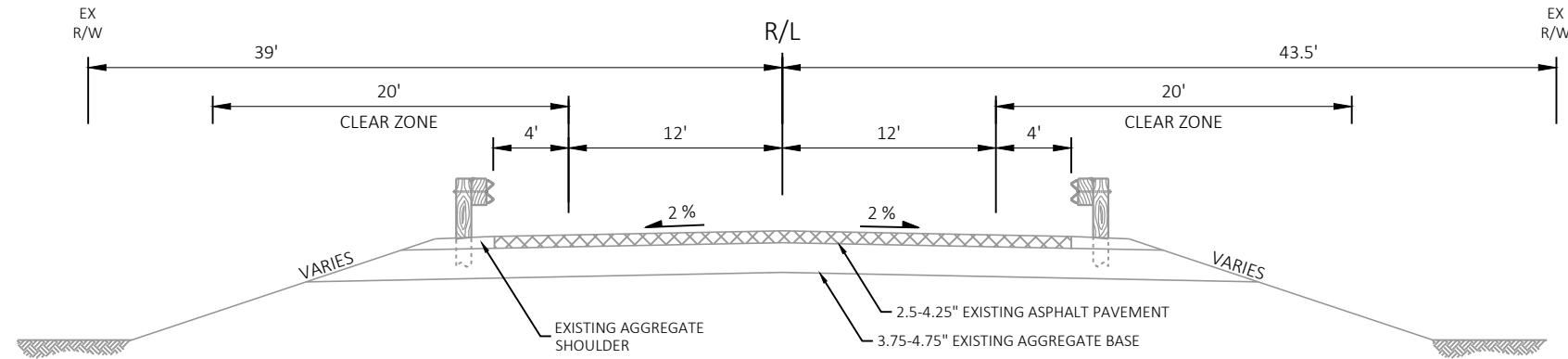
DNR GREEN BAY SERVICE CENTER
2984 SHAWANO AVENUE
GREEN BAY, WI 54313

JAMES DOPERALSKI
PHONE: (920) 662-5119
JAMES.DOPERALSKI@WISCONSIN.GOV

COUNTY CONTACT

HIGHWAY COMMISSIONER
1430 WEST STREET
WAUSAU, WI 54401

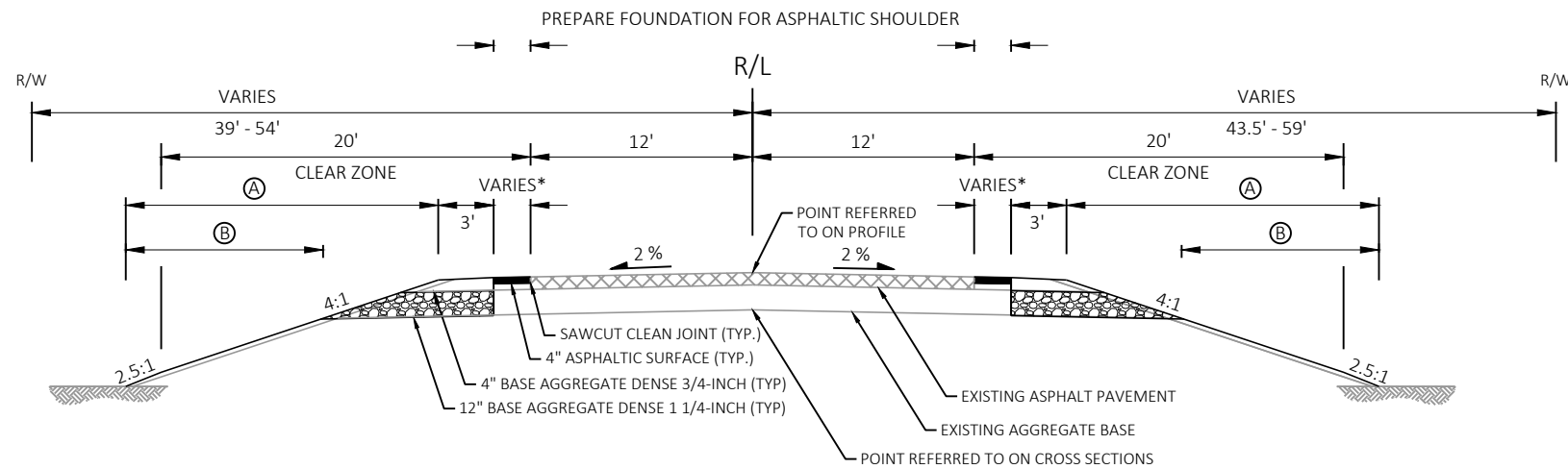
JAMES GRIESBACH
PHONE: (715) 261-1800
E-MAIL: JAMES.GRIESBACH@CO.MARATHON.WI.US



EXISTING TYPICAL SECTION
 STA 27+66 - 29+47 (BRIDGE)
 STA 31+83 (BRIDGE) - 35+00

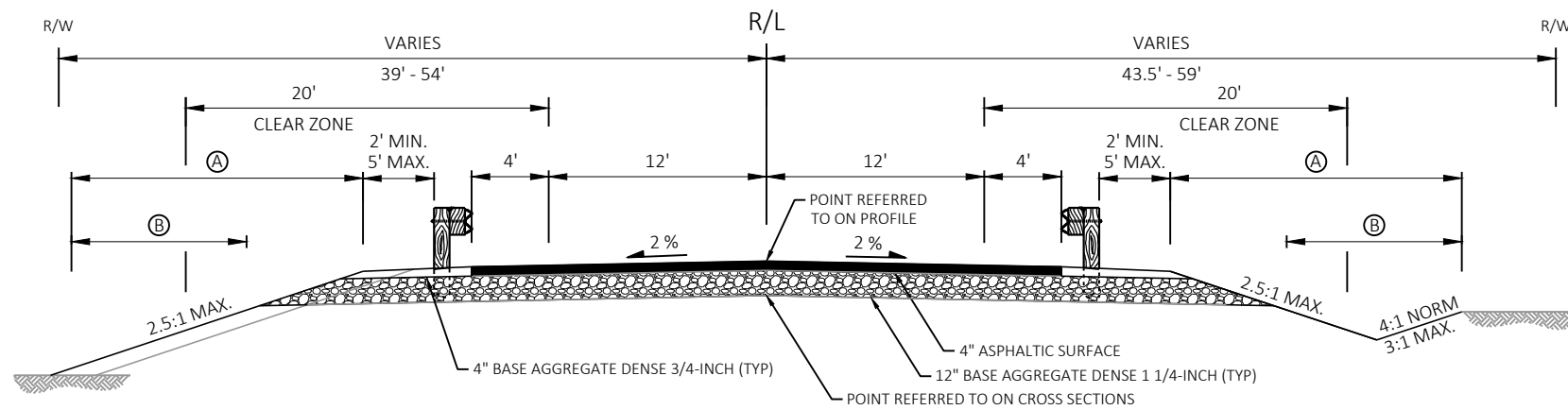
*NOTE: WIDEN EDGE OF PAVEMENT OUT TO GUARDRAIL FACE AT EACH OF THE FOLLOWING GUARDRAIL END TERMINAL LOCATIONS. PREPARE FOUNDATION FOR ASPHALTIC SHOULDER REQUIRED AT EACH LOCATION.

- STA. 27+66 - 28+06 RT
- STA. 28+21 - 28+61 LT
- STA. 34+05 - 34+45 RT
- STA. 34+10 - 34+50 LT

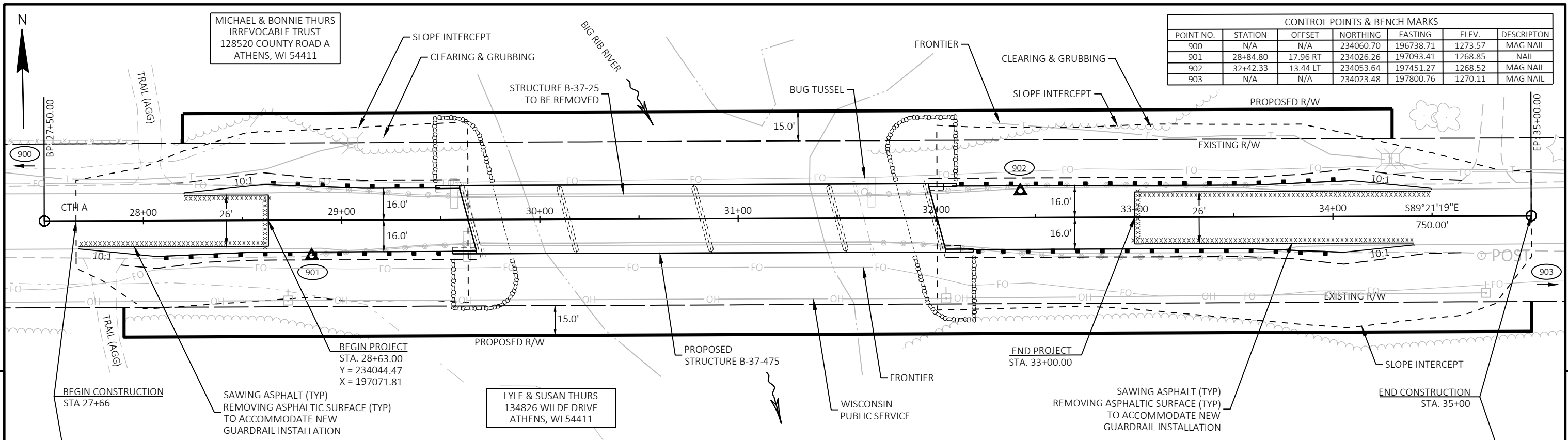


FINISHED TYPICAL SECTION - WIDENING
 STA 27+66 - 28+63
 STA 33+00 - 35+00

LEGEND	
(A)	FERTILIZER TYPE A, SEEDING MIXTURE NO. 20 & SEEDING TEMPORARY
(B)	SALVAGED TOPSOIL & EROSION MAT



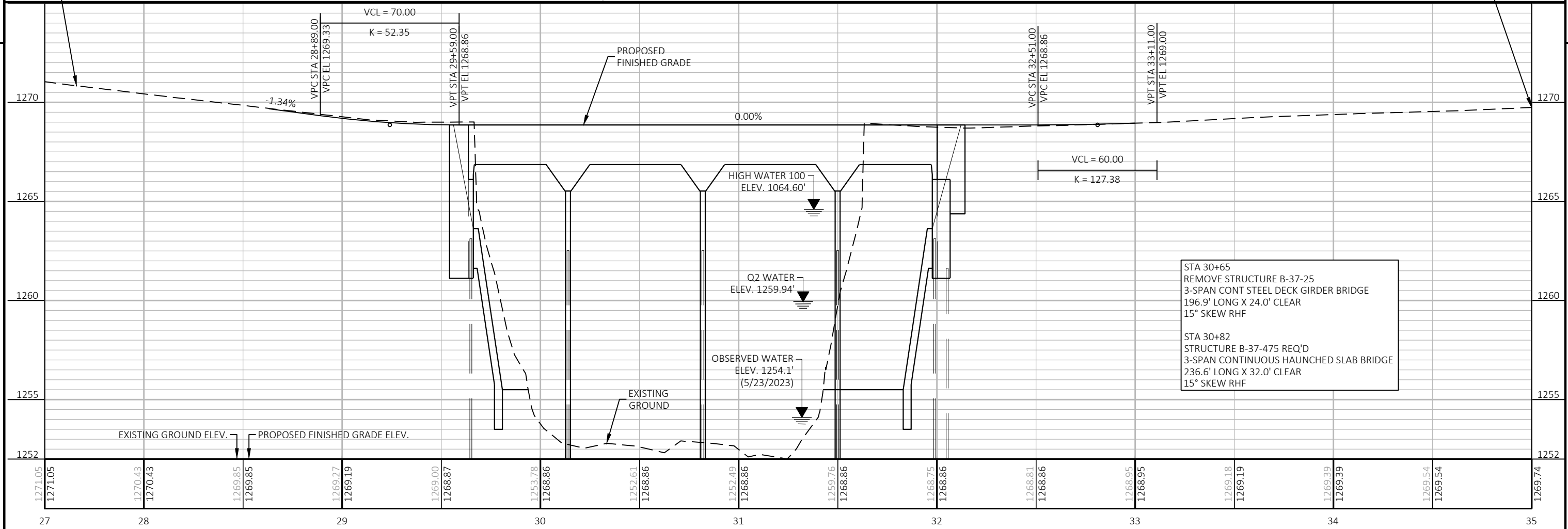
FINISHED TYPICAL SECTION - RECONSTRUCT
 STA 28+63 - 29+63 (BRIDGE)
 STA 32+00 (BRIDGE) - 33+00



CONTROL POINTS & BENCH MARKS						
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
900	N/A	N/A	234060.70	196738.71	1273.57	MAG NAIL
901	28+84.80	17.96 RT	234026.26	197093.41	1268.85	NAIL
902	32+42.33	13.44 LT	234053.64	197451.27	1268.52	MAG NAIL
903	N/A	N/A	234023.48	197800.76	1270.11	MAG NAIL

5

5



STA 30+65
REMOVE STRUCTURE B-37-25
3-SPAN CONT STEEL DECK GIRDER BRIDGE
196.9' LONG X 24.0' CLEAR
15° SKEW RHF

STA 30+82
STRUCTURE B-37-475 REQ'D
3-SPAN CONTINUOUS HAUNCHED SLAB BRIDGE
236.6' LONG X 32.0' CLEAR
15° SKEW RHF

PROJECT NO: 9479-00-74	HWY: CTH A	COUNTY: MARATHON	PLAN AND PROFILE: PLAN & PROFILE	SHEET: E
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TRAFFIC DATA

ADT (2025) = 1200
 ADT (2045) = 1300
 DESIGN SPEED = 55 MPH

MATERIAL PROPERTIES

CONCRETE MASONRY:
 SUPERSTRUCTURE $f'_c = 4,000$ PSI
 ALL OTHER $f'_c = 3,500$ PSI
 HIGH STRENGTH BAR STEEL REINFORCEMENT:
 GRADE 60 $f_y = 60,000$ PSI

DESIGN DATA

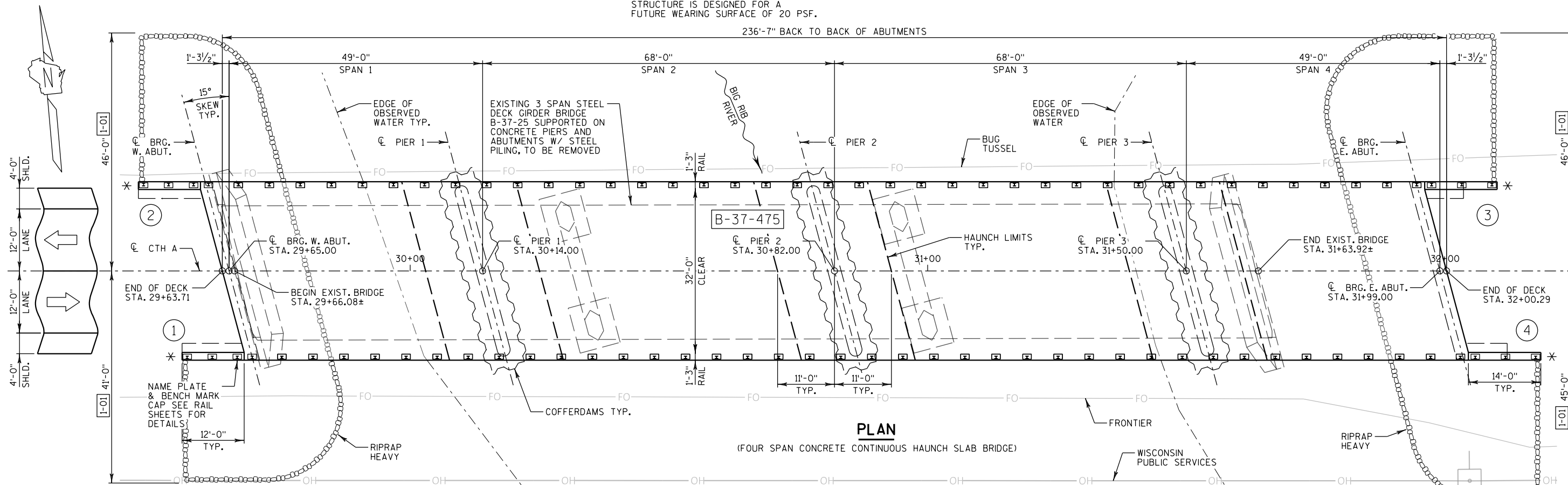
LIVE LOAD:
 DESIGN LOADING HL-93
 INVENTORY RATING FACTOR X.XX
 OPERATING RATING FACTOR X.XX
 WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) 250 KIPS
 STRUCTURE IS DESIGNED FOR A
 FUTURE WEARING SURFACE OF 20 PSF.

LEGEND

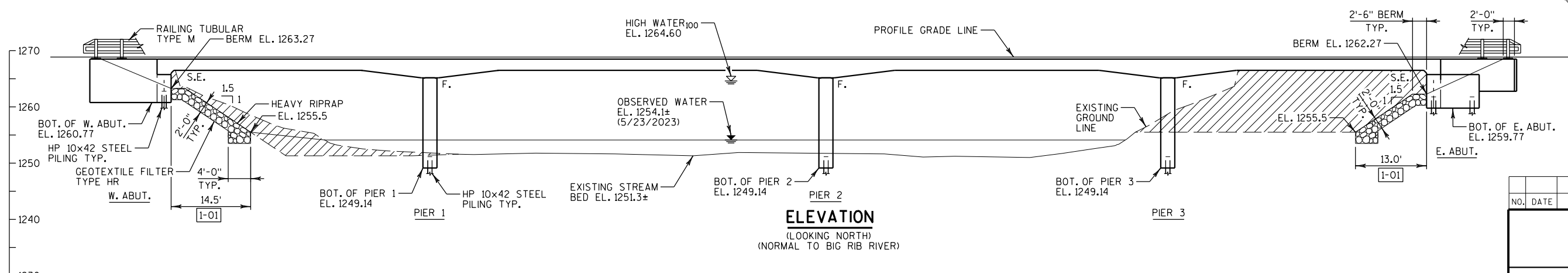
(X) INDICATES WING NUMBER.
 * MGS THRIE BEAM ATTACHMENT.
 [Hatched Area] AREA TO EXCAVATE INCLUDED IN "EXCAVATION FOR STRUCTURES BRIDGES B-37-475".
 [1-01] LIMITS OF RIPRAP HEAVY AND GEOTEXTILE TYPE HR.

STATE PROJECT NUMBER

9479-00-74



PLAN
 (FOUR SPAN CONCRETE CONTINUOUS HAUNCH SLAB BRIDGE)



ELEVATION
 (LOOKING NORTH)
 (NORMAL TO BIG RIB RIVER)

LIST OF DRAWINGS

- 1. GENERAL PLAN
- 2. CROSS SECTION & NOTES
- 3. MISCELLANEOUS DETAILS
- 4. SUBSURFACE EXPLORATION

HYDRAULIC DATA

100 YEAR FREQUENCY

Q_{100}	10,300 C.F.S.
VEL_{100}	4.9 F.P.S.
HW_{100}	EL. 1264.60
WATERWAY AREA	2,112 SQ. FT.
DRAINAGE AREA	193 SQ. MI.
OVERTOPPING FREQUENCY	N/A
SCOUR CRITICAL CODE	5

2 YEAR FREQUENCY

Q_2	2,900 C.F.S.
VEL_2	2.4 F.P.S.
HW_2	EL. 1259.94

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON HP 10x42 STEEL PILING DRIVEN TO A REQUIRED RESISTANCE OF XXX** TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. PILE POINTS REQUIRED, ESTIMATED 20' LONG AT THE WEST ABUTMENT (PREBORED TO EL. 1242.0), ESTIMATED 50' LONG AT THE EAST ABUTMENT.

PIERS TO BE SUPPORTED ON HP 10x42 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF XXX** TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. PILE POINTS REQUIRED, ESTIMATED 30' AT PIER 1, ESTIMATED 35' AT PIER 2, ESTIMATED 45' AT PIER 3.

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

BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEVATION
901	28+84.80, 18.0' RT	NAIL WITH RIBBON	1268.85
902	32+42.33, 13.4' LT	MAG SET FLUSH WITH ASPHALT	1268.52

NO.	DATE	REVISION	BY

CORRE

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

ACCEPTED: _____ DATE _____
 CHIEF STRUCTURES DESIGN ENGINEER

STRUCTURE B-37-475

CTH A OVER BIG RIB RIVER

COUNTY: MARATHON TOWN/VILLAGE: HAMBURG

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY: ETP DESIGN CK'D: BH DRAWN BY: TKB PLANS CK'D: ETP

GENERAL PLAN

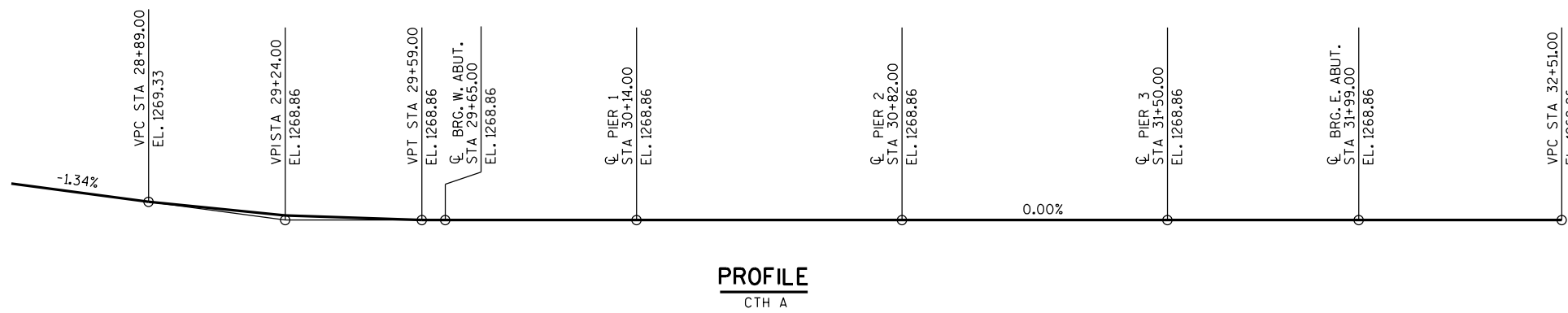
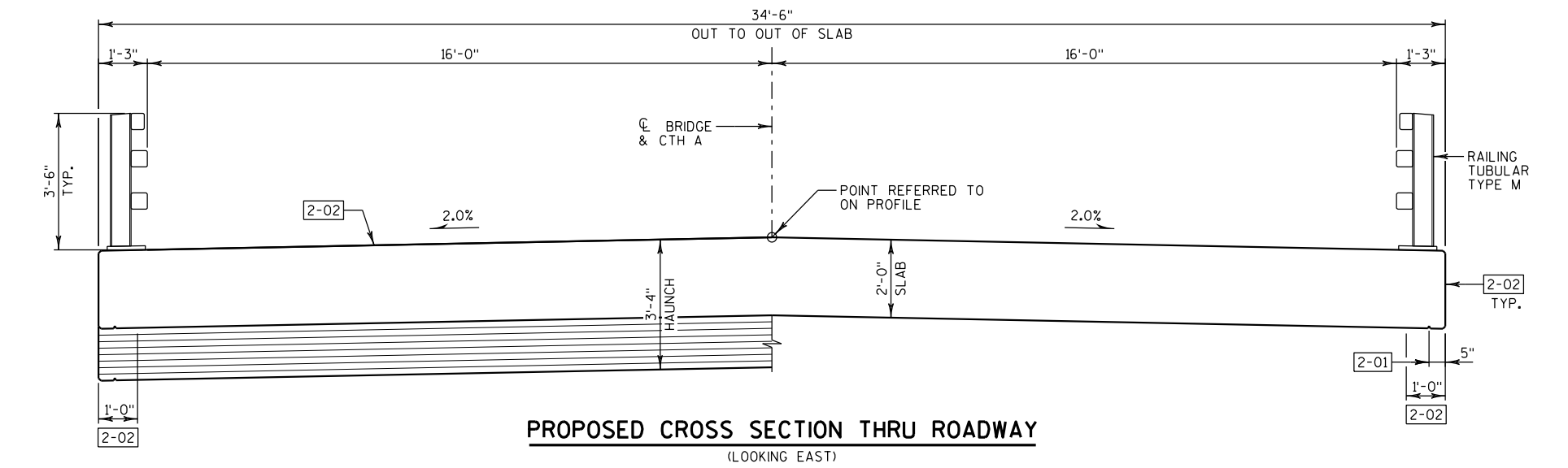
SHEET 1 OF 4

BUREAU OF STRUCTURES CONTACT:
 AARON BONK, P.E. (608) 261-0261

CONSULTANT CONTACT:
 ERIC PRICE, P.E. (608) 826-6146

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 3/4" UNLESS OTHERWISE NOTED.
- THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-34-475" SHALL BE THE EXISTING GROUNDLINE.
- AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.
- EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL. GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.
- THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.
- PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE TOP OF SLAB AND WINGS, THE SLAB EDGE AND UNDERSIDE OF SLAB AS SHOWN. THE EXTERIOR EXPOSED FACE OF WINGS, AND THE END 1'-0" OF THE ABUTMENT FRONT FACES.
- THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP AND GEOTEXTILE TYPE "HR" TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.
- SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AND ALTERNATE METHOD IS APPROVED BY THE ENGINEER.
- THE EXISTING STREAM BED SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS.
- AT ABUTMENTS AND PIER(S), CONCRETE POURED UNDER WATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH SECTION 502.3.5.3 OF THE STANDARD SPECIFICATIONS.
- AT PIERS 1-3, COFFERDAMS REQUIRED. CONCRETE POURED UNDERWATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH STANDARD SPEC 502.3.5.3. CONCRETE POURED UNDERWATER SHALL NOT EXCEED 10.0 FEET IN DEPTH, UNLESS APPROVED OTHERWISE.



TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	WEST ABUTMENT	PIER 1	PIER 2	PIER 3	EAST ABUTMENT	SUPER.	TOTALS
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS B-37-25	EACH	--	--	--	--	--	--	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-37-475	EACH	--	--	--	--	--	--	1
206.5001	COFFERDAMS B-37-475	EACH	--	--	--	--	--	--	
210.1500	BACKFILL STRUCTURE TYPE A	TON	--	--	--	--	--	--	
501.1000.S	ICE HOT WEATHER CONCRETE	LB	--	--	--	--	--	--	
502.0100	CONCRETE MASONRY BRIDGES	CY	--	--	--	--	--	--	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	--	--	--	--	--	--	
502.9000.S	UNDERWATER SUBSTRUCTURE INSPECTION B-37-475	EACH	--	--	--	--	--	--	
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	--	--	--	--	--	--	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	--	--	--	--	--	--	
513.4061	RAILING TUBULAR TYPE M	LF	--	--	--	--	--	--	
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	--	--	--	--	--	--	
550.0010	PRE-BORING UNCONSOLIDATED MATERIALS	LF	--	--	--	--	--	--	
550.0500	PILE POINTS	EACH	--	--	--	--	--	--	
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF	--	--	--	--	--	--	
606.0300	RIPRAP HEAVY	CY	--	--	--	--	--	--	
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	--	--	--	--	--	--	
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	--	--	--	--	--	--	
645.0120	GEOTEXTILE TYPE HR	SY	--	--	--	--	--	--	
NON-BID ITEMS									
	NAME PLATE	EACH	--	--	--	--	--	--	
	FILLER	SIZE	--	--	--	--	--	--	1/2" & 3/4"

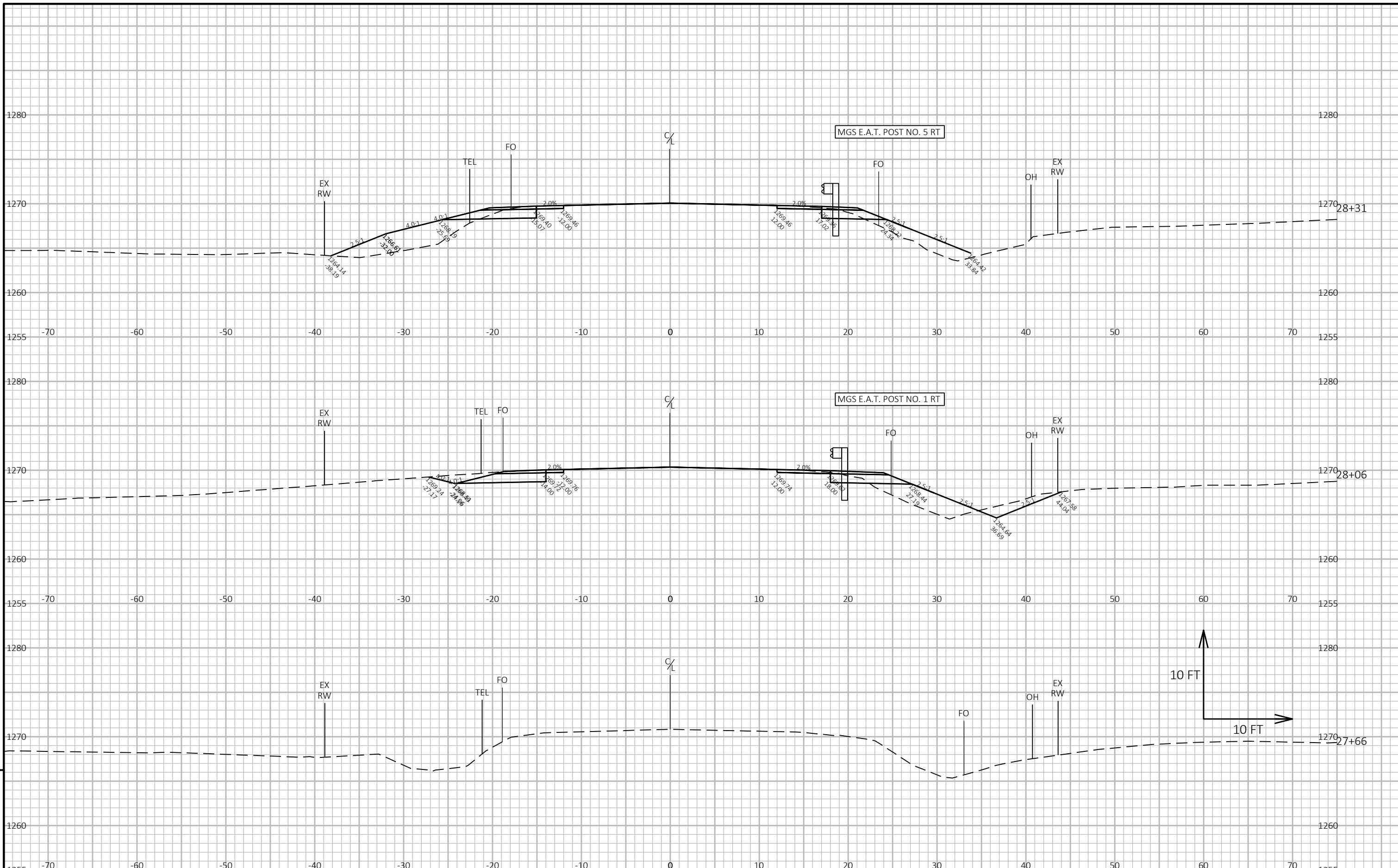
ABBREVIATIONS:

- ABUT. - ABUTMENT
- BTWN. - BETWEEN
- B.F. - BACK FACE
- BOT. - BOTTOM
- BRG. - BEARING
- CL. - CLEAR
- CONST. - CONSTRUCTION
- DIA. - DIAMETER
- E.F. - EACH FACE
- EXIST. - EXISTING
- F.F. - FRONT FACE
- HORIZ. - HORIZONTAL
- JT. - JOINT
- LONG. - LONGITUDINAL
- PPT. - PARAPET
- PROJ. - PROJECTION
- S.E. - SEMI-EXPANSION
- SPA. - SPACED
- STD. - STANDARD
- SYMM. - SYMMETRICAL
- T&B - TOP AND BOTTOM
- TRANS. - TRANSVERSE
- TYP. - TYPICAL
- VERT. - VERTICAL
- U.N.O. - UNLESS NOTED OTHERWISE

LEGEND

- 2-01 3/4" V-GROOVE, TERMINATE 6" FROM FRONT FACE OF ABUTMENTS.
- 2-02 COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE WISDOT STANDARD SPECIFICATIONS.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-37-475			
DRAWN BY TKB		PLANS CK'D. ETP	
CROSS SECTION & NOTES			SHEET 2 OF 4



PROJECT NO: 9479-00-74

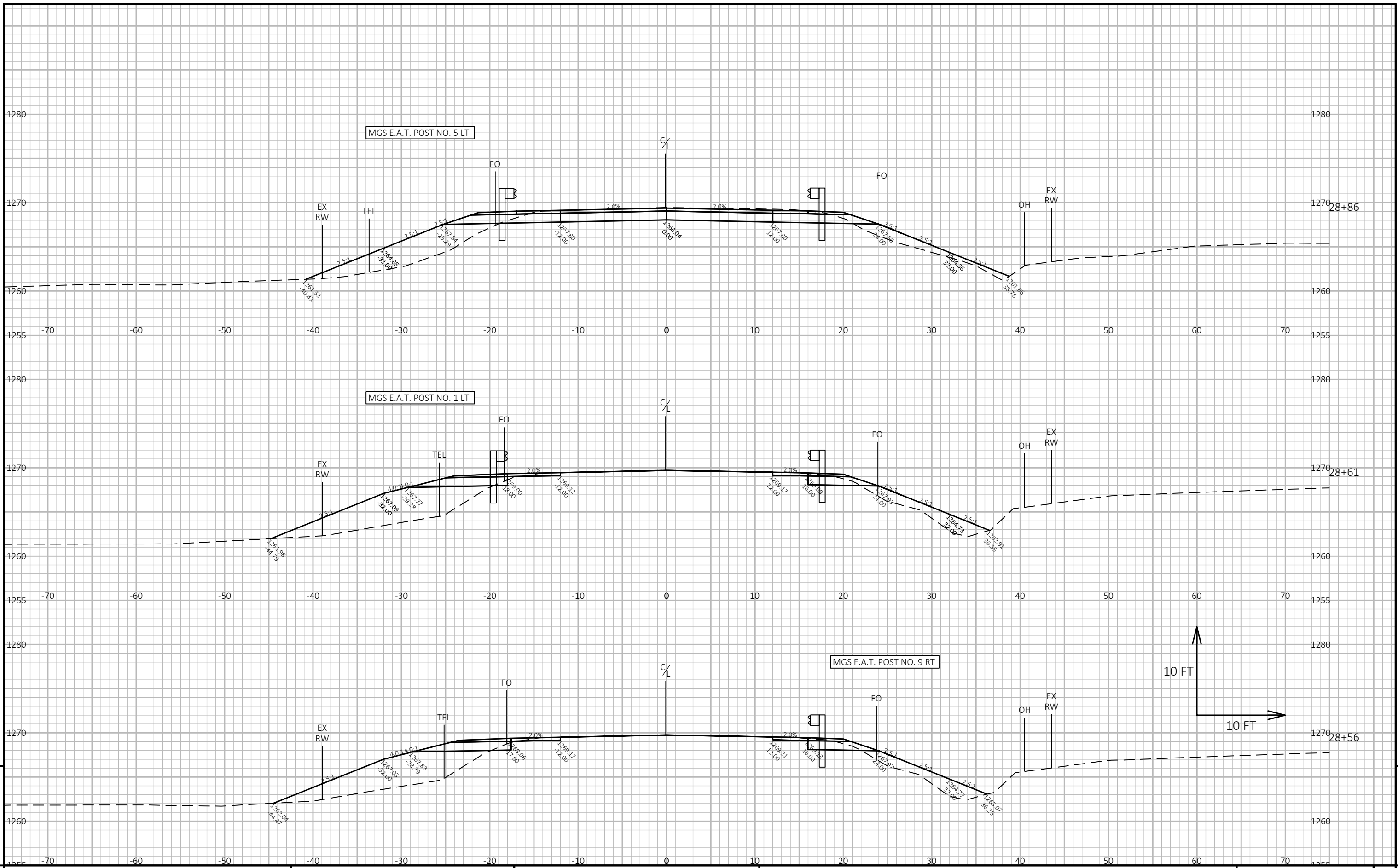
HWY: CTH A

COUNTY: MARATHON

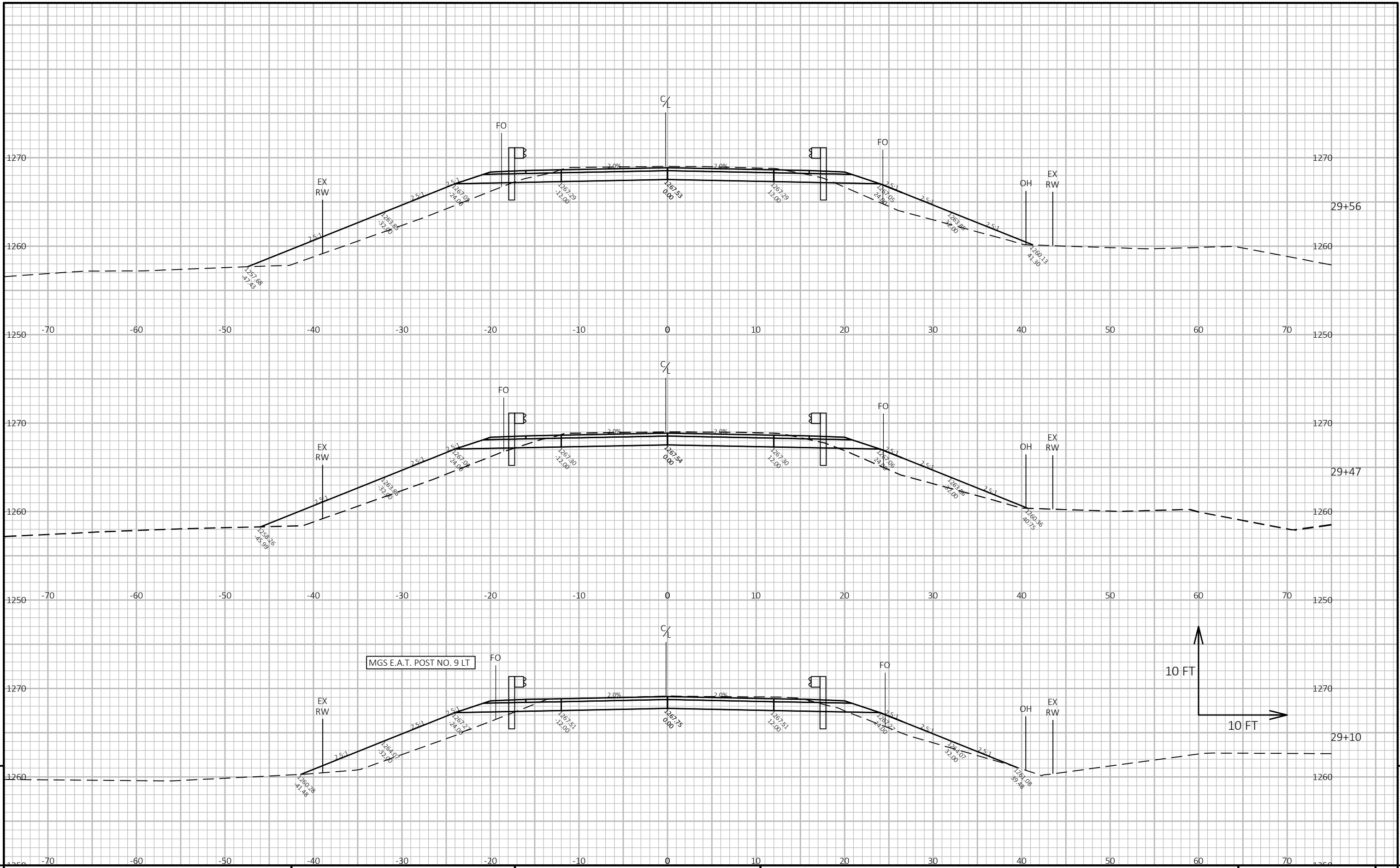
CROSS SECTIONS: CROSS SECTIONS

SHEET

E



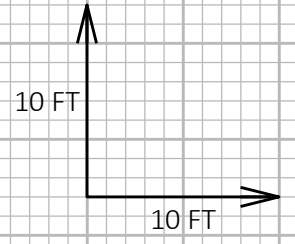
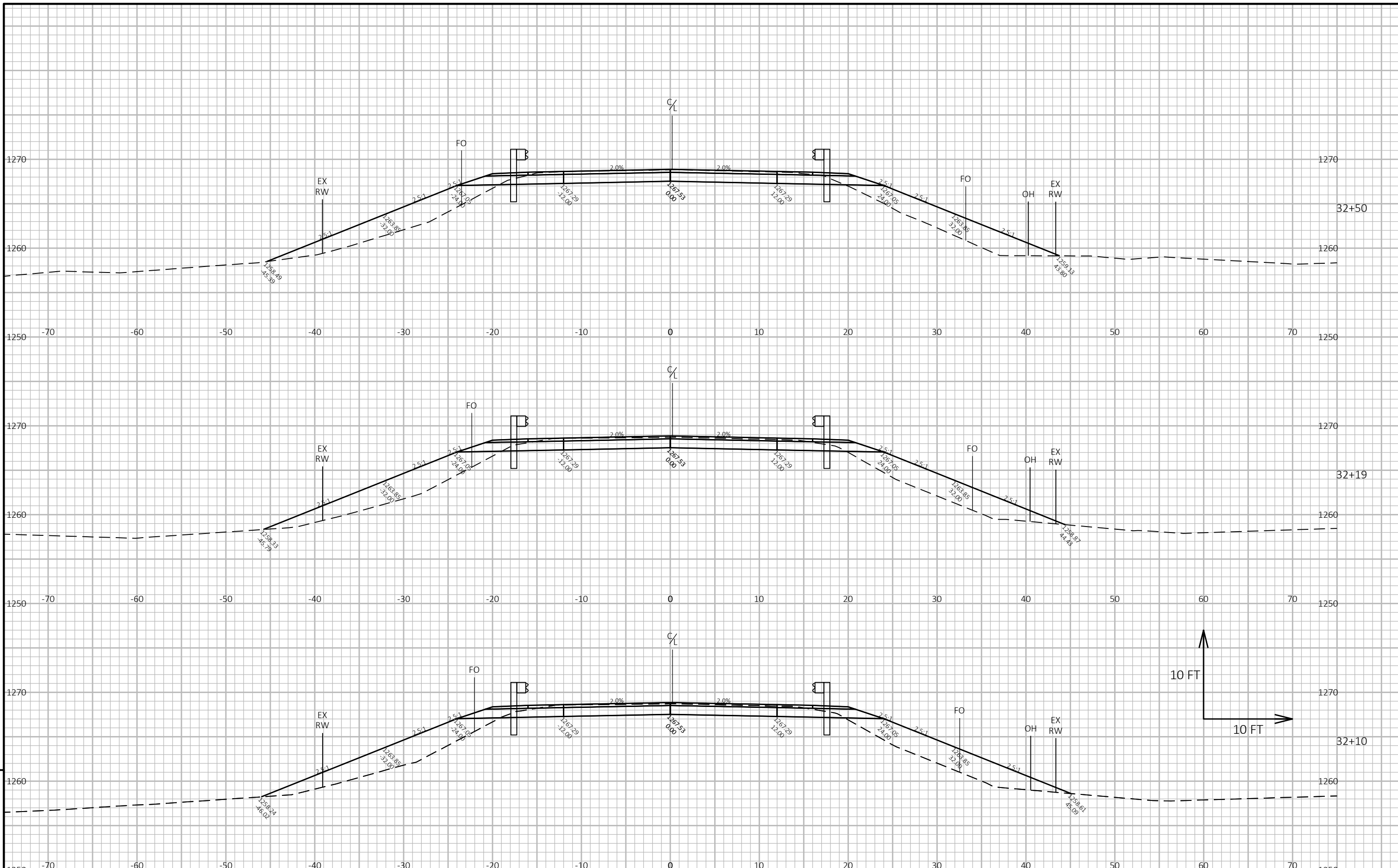
PROJECT NO: 9479-00-74 HWY: CTH A COUNTY: MARATHON CROSS SECTIONS: CROSS SECTIONS SHEET 9

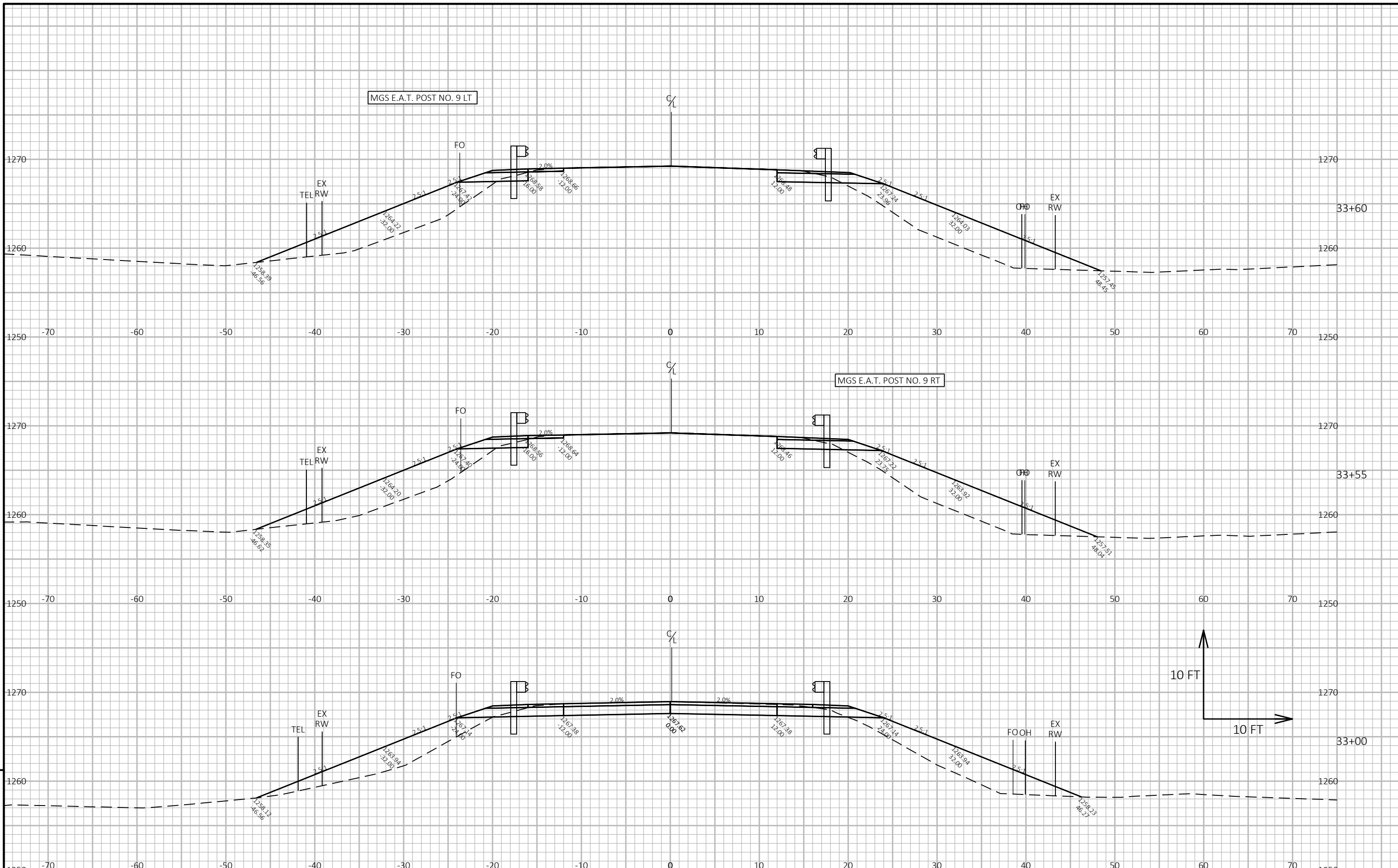


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PROJECT NO: 9479-00-74	HWY: CTH A	COUNTY: MARATHON	CROSS SECTIONS: CROSS SECTIONS	SHEET	E
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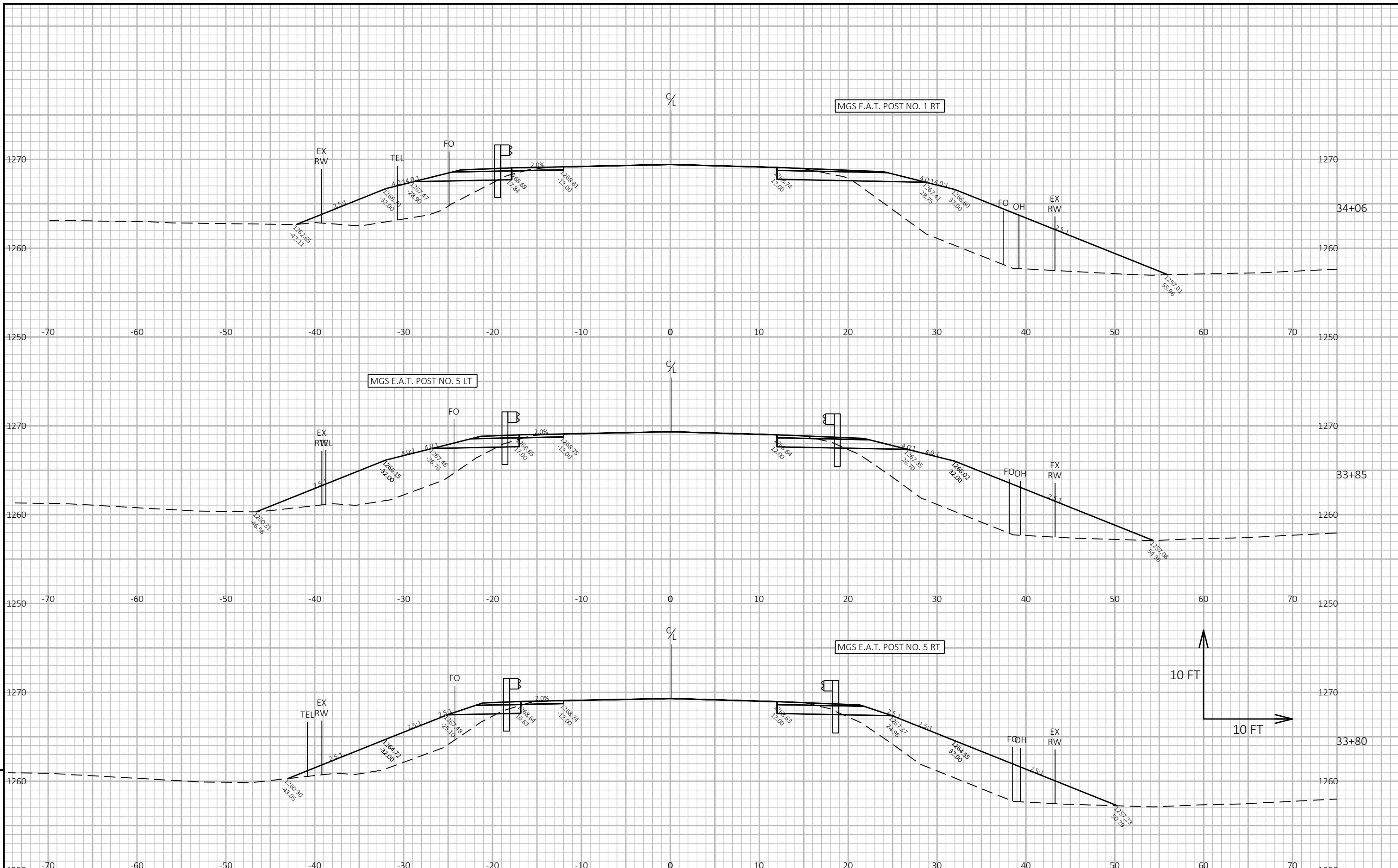




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PROJECT NO: 9479-00-74	HWY: CTH A	COUNTY: MARATHON	CROSS SECTIONS: CROSS SECTIONS	SHEET	E
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PROJECT NO: 9479-00-74

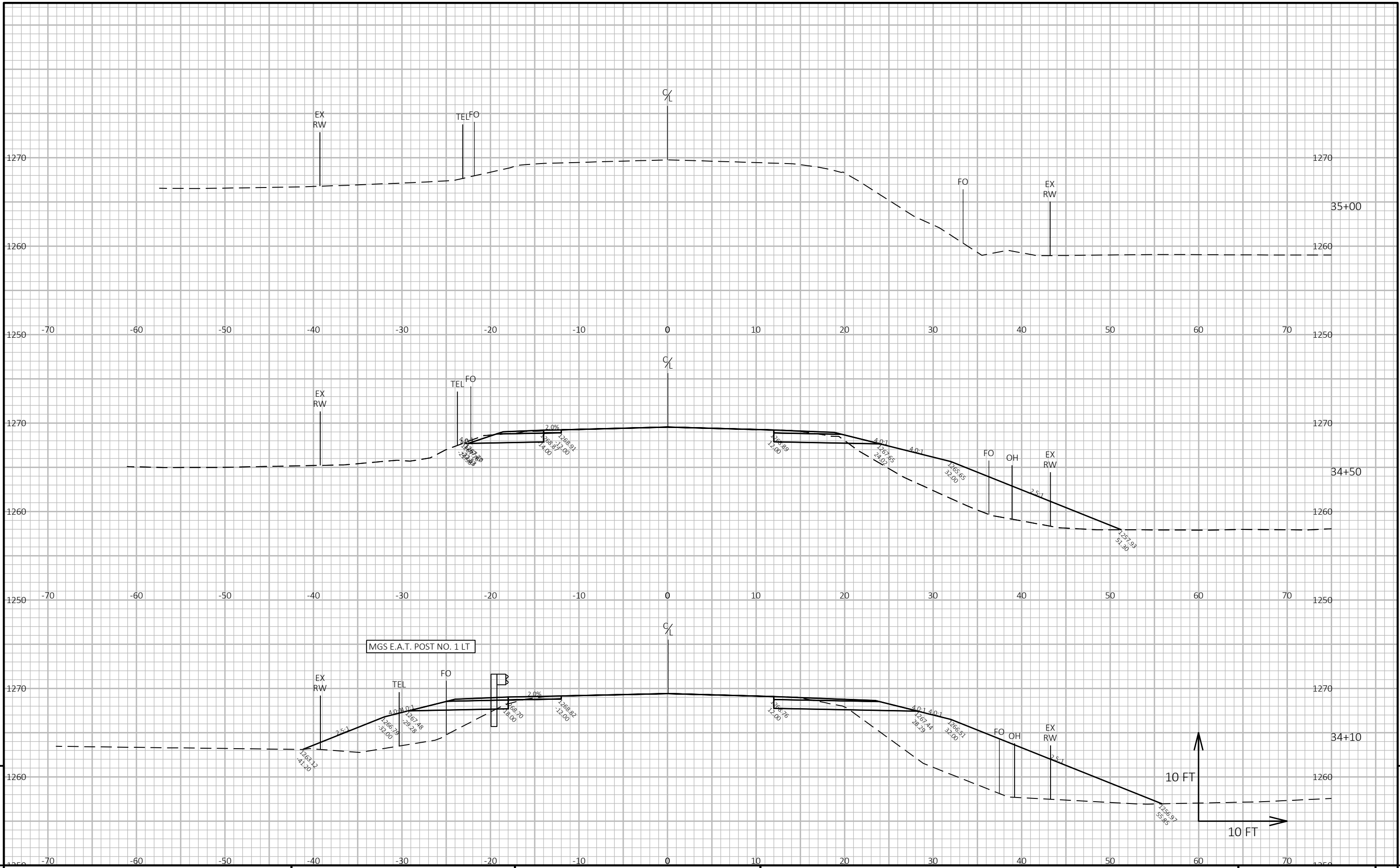
HWY: CTH A

COUNTY: MARATHON

CROSS SECTIONS: CROSS SECTIONS

SHEET

E



9

9

PROJECT NO: 9479-00-74	HWY: CTH A	COUNTY: MARATHON	CROSS SECTIONS: CROSS SECTIONS	SHEET	E
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FILE NAME : C:\OD\CORRE, INC\PROJECTS - WI-NC REGION\9479-00-04_CTH A_MARATHON CO\500_CADD\501_C3D_2022\94790004\SHEETS\090201-XS.DWG PLOT DATE : 9/29/2023 1:35 PM PLOT BY : MATT KOSKI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. WISDOT/CADD SHEET 49

Fold here

[Stamp]

Mr. Eric Price
CORRE, Inc.
6510 Grand Teton Plaza, Suite 314
Madison, WI 53719

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