

June 24, 2025

TO: All Property Owners and Concerned Citizens

SUBJECT: Public Involvement
Bridge Replacement and Road Improvements
Project ID 9471-00-00/70
County J over Eau Claire River
Marathon County

Marathon County is soliciting public input for the replacement of the County J bridge over Eau Claire River. The bridge is located in the Village of Weston and Town of Weston approximately 0.8 miles north of Wisconsin 29 (location map and preliminary plans attached).

The purpose of the project is to maintain and improve County J where it crosses Eau Claire River. Replacing the structure is the proposed solution due to poor condition of the existing three-span bridge. The structure will be replaced with a new, modern bridge that satisfies structural loading, hydraulic capacity, and clear width according to state statutes and Federal Highway Administration (FHWA) requirements.

Currently, the project is scheduled for construction in 2026. The structure will be closed to traffic during construction. A detour route will be signed. Construction is anticipated to take approximately 3 months.

Representatives from Marathon County and the consulting firm of Ayres Associates are available to answer your questions or comments (**see the enclosed comment form**).

All interested persons are invited to review the project information materials and contact either Marathon County or Ayres Associates with comments or questions. Contact information is included in the attached comment form. Please return comments on the informational materials by **July 31, 2025**.

Sincerely,

Ayres Associates



Kristofer Olson, PE
Senior Project Manager/Structural Engineer
Office: 920.498.1200
Direct: 920.327.7803
OlsonK@AyresAssociates.com

Enclosure

cc: James Griesbach – Marathon County Highway Commissioner
Michael Grage, PE – WisDOT NC Region Local Program Project Manager

Public Involvement Notice

Improvements to County J at Eau Claire River

Marathon County is planning improvements for County J over Eau Claire River in the Village of Weston and Town of Weston. Project information can be found in this notice or by contacting the individuals below.

The County J bridge project involves improvements to the roadway and bridge at the crossing of Eau Claire River approximately 0.8 miles north of Wisconsin 29. The proposed improvement will include the removal of the existing three-span steel girder bridge and construction of a new three-span concrete girder bridge. The 398.5-foot long project will include replacement of the bridge at the existing location and approximately 200 feet of roadway approaches.

During construction of the County J project, the structure will be closed to traffic. A detour route will be signed. The detour will direct traffic to Wisconsin 29, County Q, and County N. Construction is anticipated to take approximately 3 months during 2026. The earliest construction could begin is June 16th due to in-stream work restrictions. The exact timeframe will be determined by the contractor based on their availability.

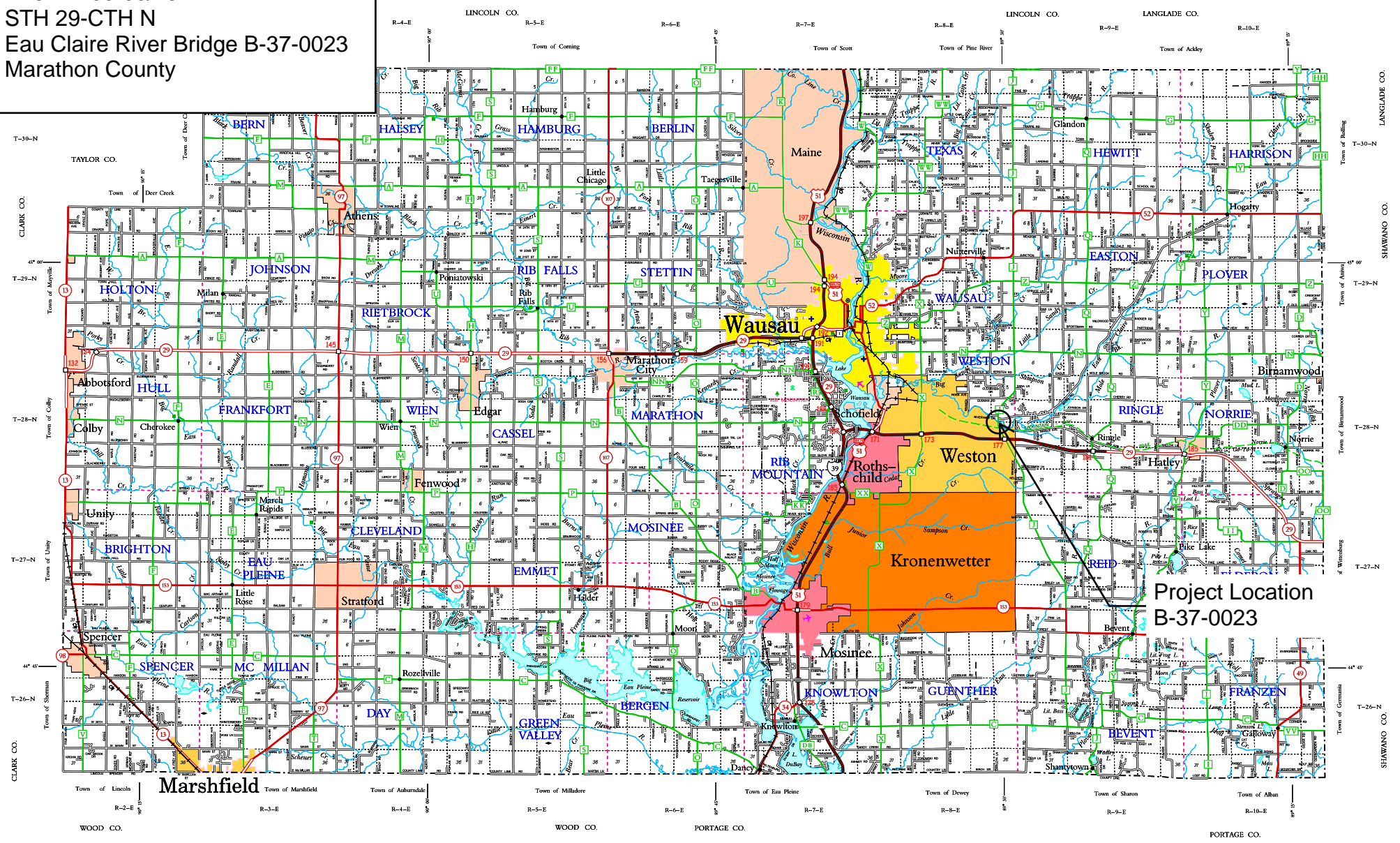
Additional right-of-way is needed in the northwest and northeast quadrants to build the project.

Individuals are encouraged to contribute comments about the bridge project by July 31, 2025, by contacting the following individuals:

James Griesbach, Highway Commissioner
Marathon County
1430 West Street
Wausau, WI 54401
715.261.1801
James.Griesbach@MarathonCounty.gov

Kristofer Olson, PE
Ayles Associates
700 Pilgrim Way, Suite 180
Green Bay, WI 54304
920.327.7803
OlsonK@AylesAssociates.com

ID 9471-00-00/70
 STH 29-CTH N
 Eau Claire River Bridge B-37-0023
 Marathon County

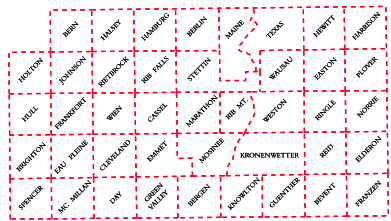


Project Location
 B-37-0023

LEGEND

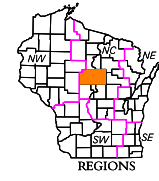
- Freeway
- Multilane Divided
- U.S. or State Hwy
- County Trunk Hwy
- County Road
- Fireline
- Railroad
- State Trail
- Interchange
- Highway Separation
- Interstate Highway No.
- U.S. Highway No.
- State Highway No.
- County Highway Letter
- Dam
- Hospital
- Airport
- County Seat
- Unincorporated Village
- Fish Hatchery
- Game Farm
- Public Hunt or Fish Grds.
- Public Camp & Picnic Grds.
- Ranger Station
- State Park
- County Park
- Wisdom Facilities
- Rest Area
- Wayside
- County Boundary
- Civil Town Boundary
- Section Line
- Unit of Wisconsin - Marathon Co.

CIVIL TOWNS



SECTION NUMBERING OF A TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
10	17	16	15	14	13
18	21	22	23	24	25
26	29	28	27	26	25
31	32	33	34	35	36



MILES OF HIGHWAY as of Dec. 31, 2018

STATE	277
COUNTY	444
LOCAL ROADS	2469
OTHER ROADS	6
TOTAL FOR COUNTY	3296

Land Area (200 Census) ... 1545 sq mi
 Population (200 Census) ... 12463
 County Seat ... Wausau

MARATHON CO.

DEPARTMENT OF TRANSPORTATION
 Madison, Wisconsin


SCALE 1" = 1 MILE

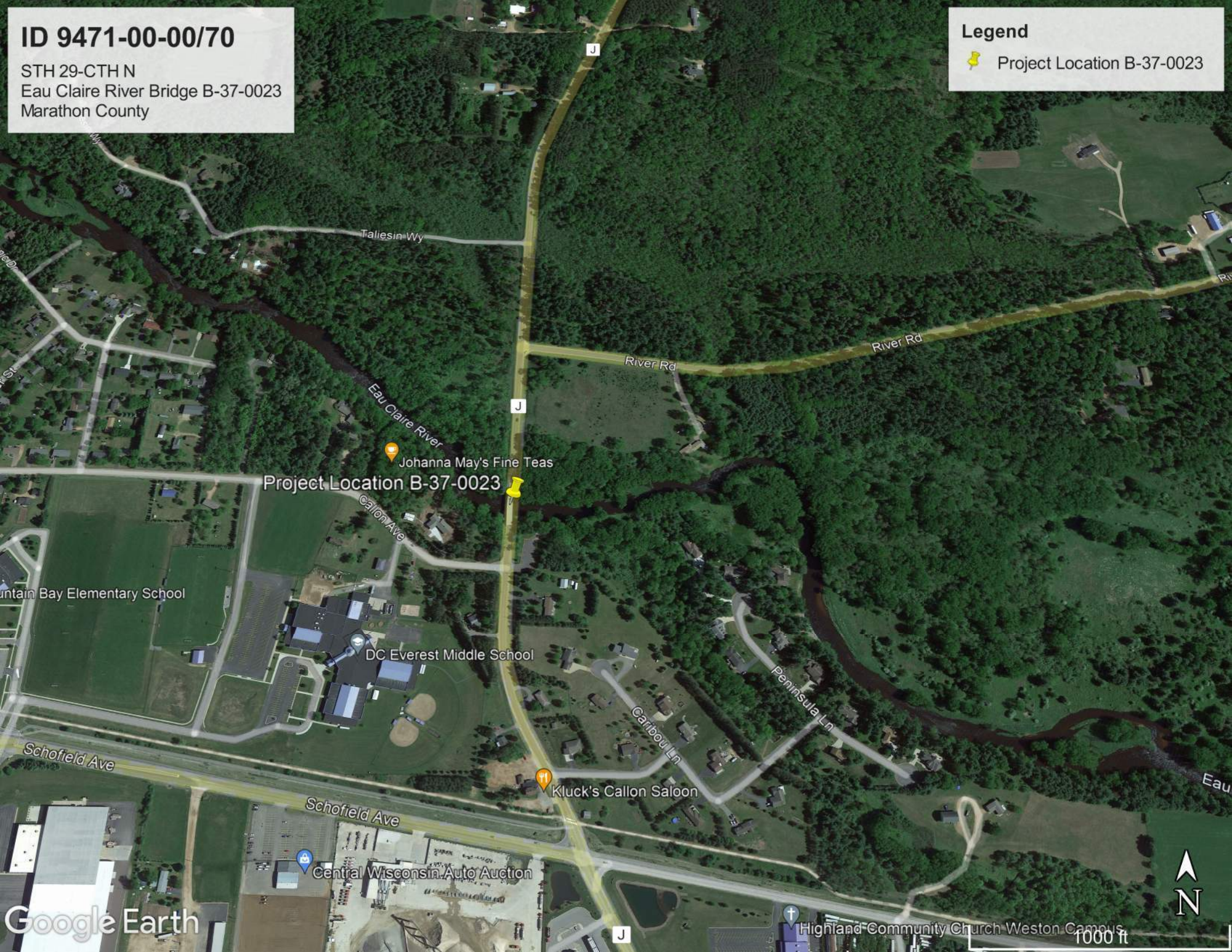
Revised for JAN. 2020
 Base compiled from U.S.G.S. Quadmaps 100,000 Series

ID 9471-00-00/70

STH 29-CTH N
Eau Claire River Bridge B-37-0023
Marathon County

Legend

 Project Location B-37-0023



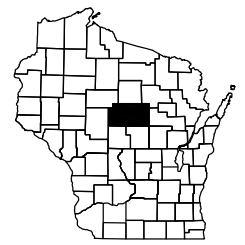
PROJECT ID: 9471-00-70
WITH: N/A

COUNTY: MARATHON

ORDER OF SHEETS

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

TOTAL SHEETS =



DESIGN DESIGNATION

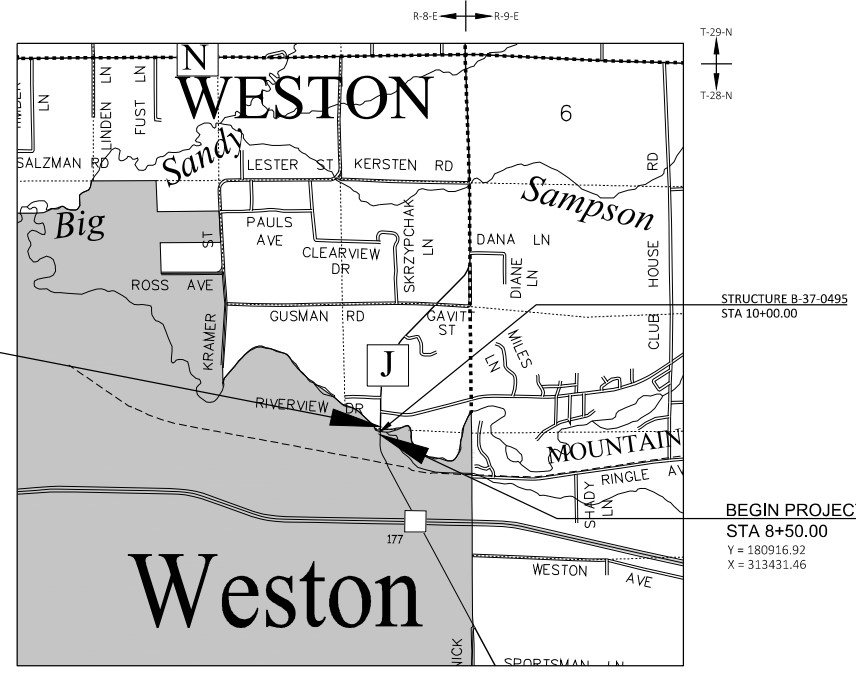
A.A.D.T.	(2026)	=	3,200
A.A.D.T.	(2046)	=	3,400
D.H.V.		=	320
D.D.		=	50/50
T.		=	5%
DESIGN SPEED		=	40 MPH
ESALS		=	750,000

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
STH 29 - CTH N
EAU CLAIRE RIVER BRIDGE B-37-0495
CTH J
MARATHON COUNTY

STATE PROJECT NUMBER
9471-00-70



LAYOUT
SCALE 0 1 MI
TOTAL NET LENGTH OF CENTERLINE = 0.075 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 18.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9471-00-70		

ACCEPTED FOR
COUNTY of MARATHON
(Date) (HIGHWAY COMMISSIONER)

ORIGINAL PLANS PREPARED BY
AYRES

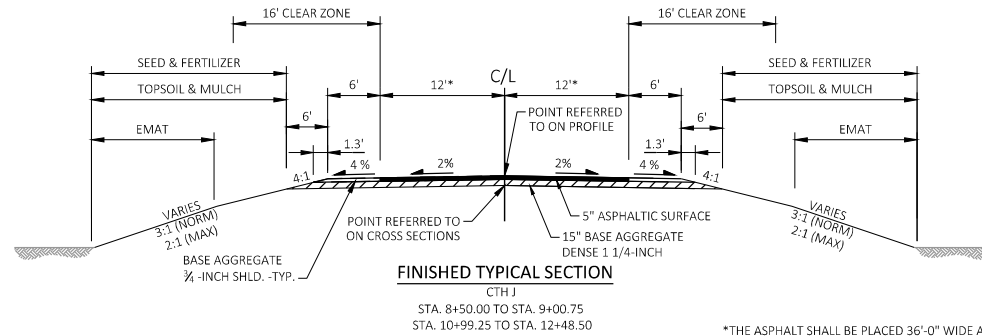
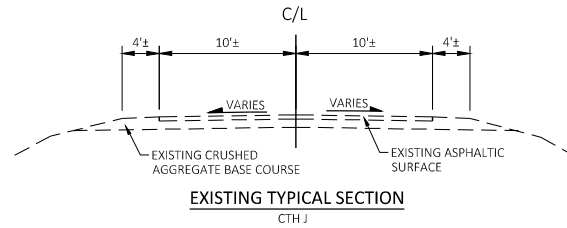
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

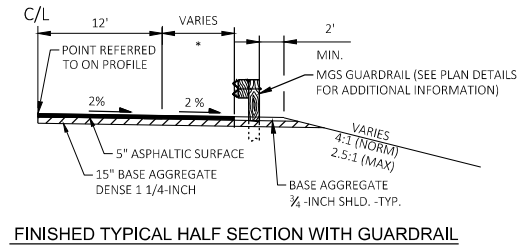
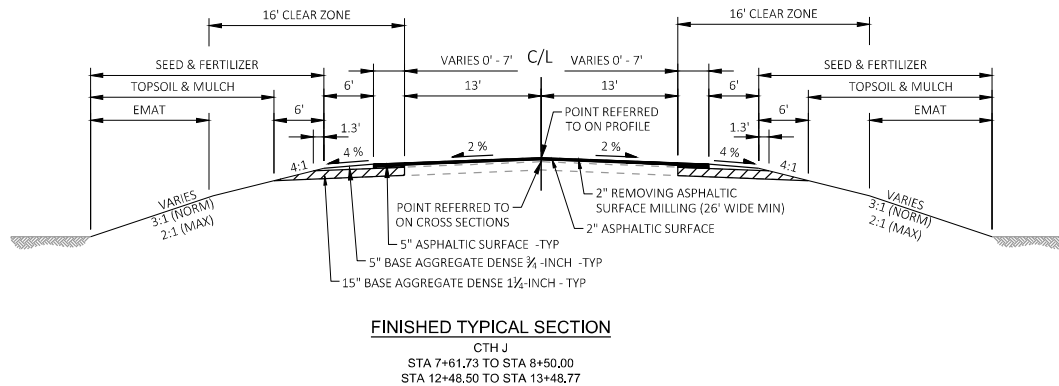
PREPARED BY
Surveyor _____ AYRES ASSOCIATES INC
Designer _____ AYRES ASSOCIATES INC
Project Manager _____ MICHAEL GRAGE, PE
Regional Examiner _____ N/A
Regional Supervisor _____ DANIEL ERVA, PE

APPROVED FOR THE DEPARTMENT
DATE: _____ (Signature)

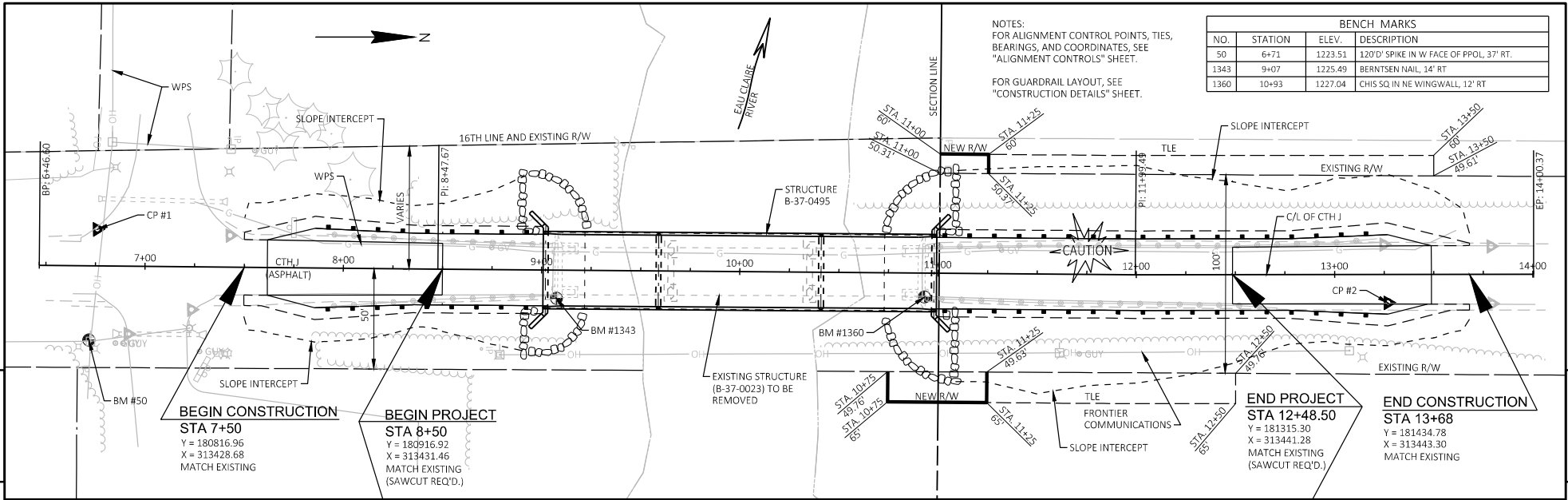
E



*THE ASPHALT SHALL BE PLACED 36'-0" WIDE AT THE ENDS OF THE BRIDGE AND FOLLOW THE FACE OF GUARDRAIL, AND TAPER TO MATCH EXISTING AT THE ENDS OF THE PROJECT.



* 6' MIN. (AT BRIDGE)
8' MAX. (AT END TERMINAL)



BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
50	6+71	1223.51	120'D SPIKE IN W FACE OF PPOL, 37' RT.
1343	9+07	1225.49	BERNTSEN NAIL, 14' RT
1360	10+93	1227.04	CHIS SQ. IN NE WINGWALL, 12' RT

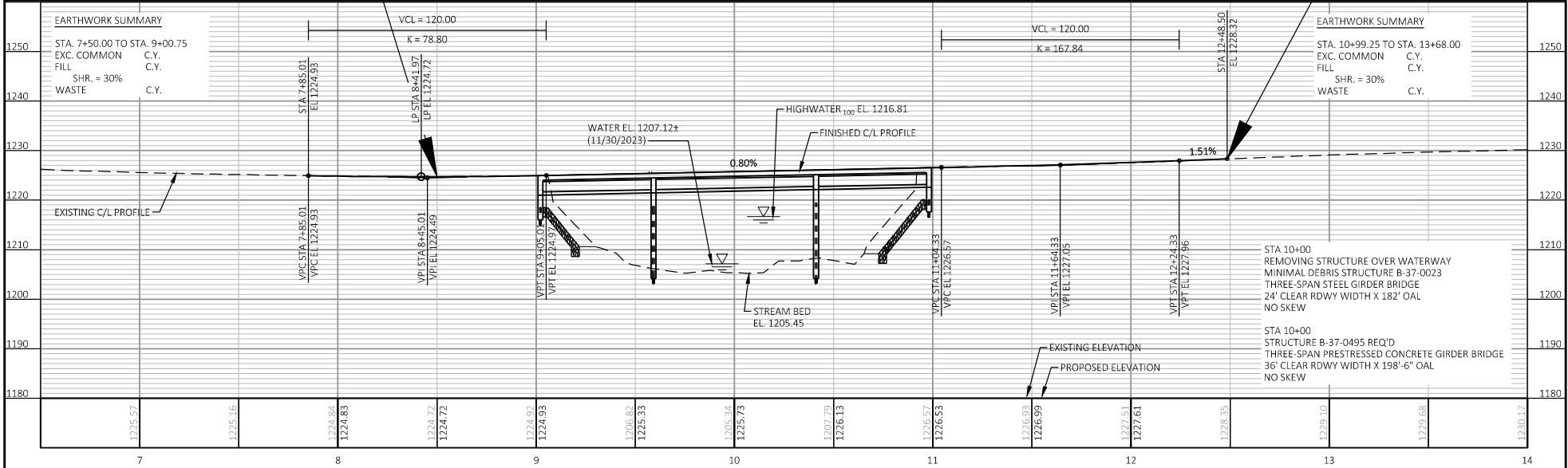
NOTES:
 FOR ALIGNMENT CONTROL POINTS, TIES, BEARINGS, AND COORDINATES, SEE "ALIGNMENT CONTROLS" SHEET.
 FOR GUARDRAIL LAYOUT, SEE "CONSTRUCTION DETAILS" SHEET.

BEGIN CONSTRUCTION
STA 7+50
 Y = 180816.96
 X = 313428.68
 MATCH EXISTING

BEGIN PROJECT
STA 8+50
 Y = 180916.92
 X = 313431.46
 MATCH EXISTING (SAWCUT REQ'D.)

END PROJECT
STA 12+48.50
 Y = 181315.30
 X = 313441.28
 MATCH EXISTING (SAWCUT REQ'D.)

END CONSTRUCTION
STA 13+68
 Y = 181434.78
 X = 313443.30
 MATCH EXISTING



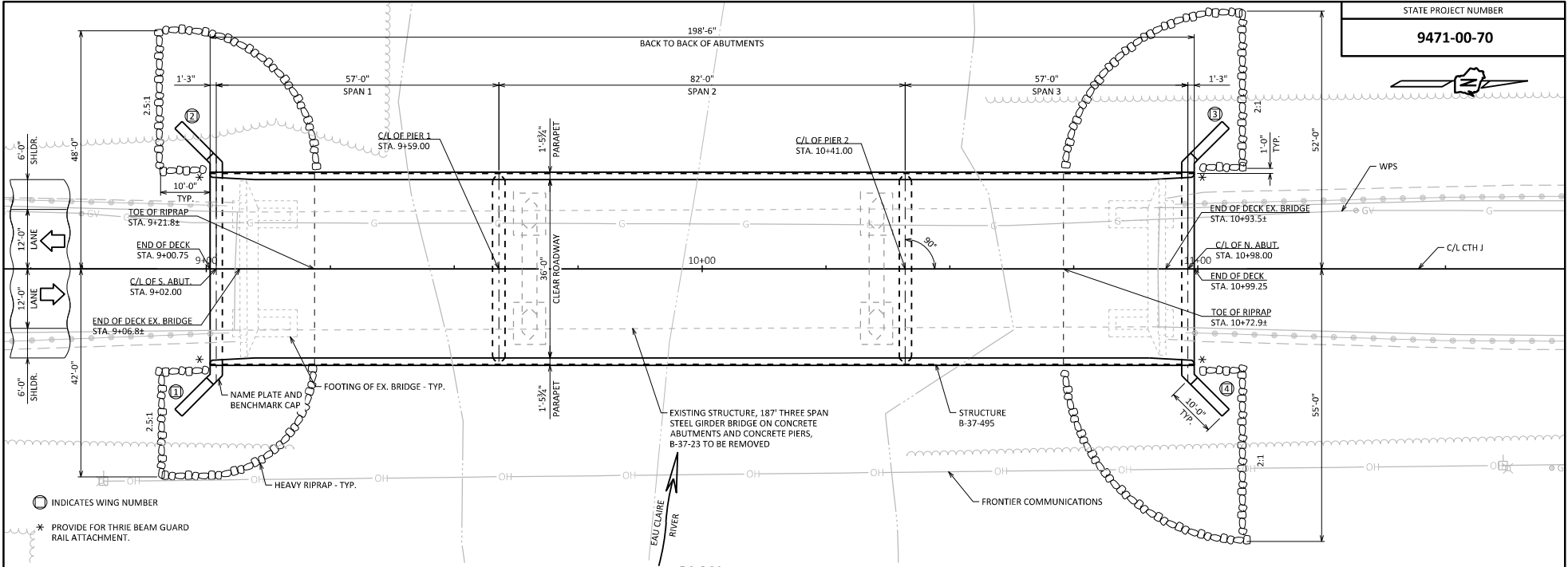
EARTHWORK SUMMARY
 STA. 7+50.00 TO STA. 9+00.75
 EXC. COMMON C.Y.
 FILL C.Y.
 SHR. = 30% C.Y.
 WASTE C.Y.

EARTHWORK SUMMARY
 STA. 10+99.25 TO STA. 13+68.00
 EXC. COMMON C.Y.
 FILL C.Y.
 SHR. = 30% C.Y.
 WASTE C.Y.

STA 10+00
 REMOVING STRUCTURE OVER WATERWAY
 MINIMAL DEBRIS STRUCTURE B-37-0023
 THREE-SPAN STEEL GIRDER BRIDGE
 24' CLEAR RDWY WIDTH X 182' OAL
 NO SKEW

STA 10+00
 STRUCTURE B-37-0495 REQ'D
 THREE-SPAN PRESTRESSED CONCRETE GIRDER BRIDGE
 36' CLEAR RDWY WIDTH X 198'-6" OAL
 NO SKEW

PROJECT NO: 9471-00-70	HWY: CTH J	COUNTY: MARATHON	PLAN AND PROFILE:	SHEET	E
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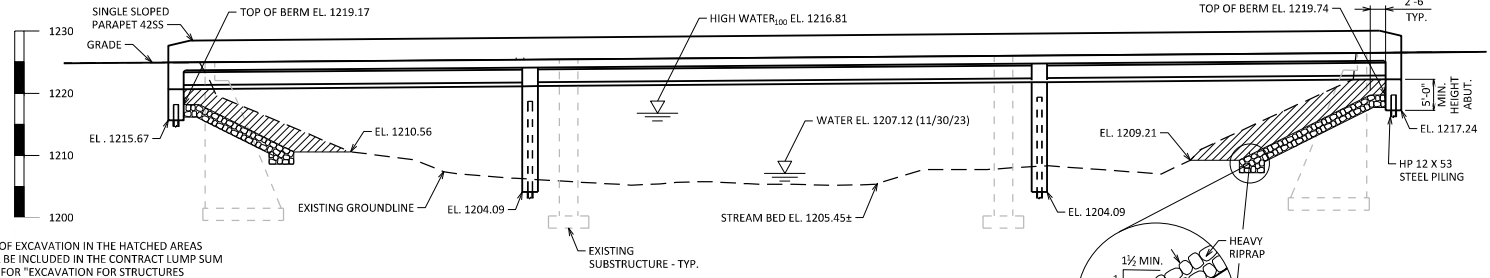


PLAN

THREE-SPAN 36W" PRESTRESSED CONCRETE GIRDER BRIDGE

LIST OF DRAWINGS

1. GENERAL PLAN
2. TYPICAL SECTION, NOTES, & QUANTITIES
3. STRUCTURE DETAILS
4. SUBSURFACE EXPLORATION



ELEVATION

(NORMAL TO C/L OF WATERWAY)

COST OF EXCAVATION IN THE HATCHED AREAS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR "EXCAVATION FOR STRUCTURES BRIDGES B-37-495"

REMOVE EXISTING SUBSTRUCTURE AS NEEDED. COST CONSIDERED INCIDENTAL TO "REMOVING STRUCTURE" ITEM. TYPICAL AT ALL SUBSTRUCTURES

BENCH MARK

NO.	STATION	DESCRIPTION	ELEV.
50	6+71	120'D' SPIKE IN W FACE OF PPOI, 37' RT.	1223.51
1343	9+07	BERNTSEN NAIL, 14' RT	1225.49
1360	10+93	CHIS SQ IN NE WINGWALL, 12' RT	1227.04

STRUCTURE DESIGN CONTACTS:
 AARON BONK 608-261-0261
 KRISTOFER OLSON 920-498-1200

NO.	DATE	REVISION	BY
ORIGINAL PLANS PREPARED BY			
AYRES 700 Pilgrim Way, Suite 180 Green Bay, WI 54304 www.AyresAssociates.com			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED	CHIEF STRUCTURES DESIGN ENGINEER		DATE
STRUCTURE B-37-495			
CTH J OVER EAU CLAIRE RIVER			
COUNTY	TOWN	WESTON	
DESIGN SPEC: AASHTO LRFD BRIDGE DESIGN SPECIFICATION			
DESIGNED BY	JMC CKD	SAP	PLANS JMC CKD SAP
GENERAL PLAN			SHEET 1 OF 4

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
 INVENTORY RATING: RF =
 OPERATING RATING: RF =
 WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY:
 SUPERSTRUCTURE $f'_c = 4,000$ PSI
 ALL OTHER $f'_c = 3,500$ PSI

BAR STEEL REINFORCEMENT
 GRADE 60 $f_y = 60,000$ PSI

36-W" PRESTRESSED GIRDERS:
 CONCRETE MASONRY $f'_c = 8,000$ PSI
 STRANDS: XX" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON HP 12 X 53 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. PILING SHALL BE FITTED WITH PILE POINTS.

ESTIMATED 20'-0" LONG AT SOUTH ABUTMENT.
 ESTIMATED XX'-0" LONG AT NORTH ABUTMENT.

PIERS 1 TO BE SUPPORTED ON HP 12 X 53 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. PILING SHALL BE FITTED WITH PILE POINTS.

ESTIMATED 35'-0" LONG AT PIER 1.

PIERS 2 TO BE SUPPORTED ON HP 12 X 53 STEEL PILING SEATED IN PRE-BORED HOLES CORED 3-FEET MINIMUM INTO ROCK. PILE DRIVING IS NOT REQUIRED.

ESTIMATED 40'-0" LONG AT PIER 2.

**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 PILE CAPACITY.

HYDRAULIC DATA

100-YEAR FREQUENCY:

$Q_{100} = 9,900$ C.F.S.
 $V_{100} = 8.2$ F.P.S.
 $HW_{100} =$ EL. 1216.81
 WATERWAY AREA = 1210 SQ. FT.
 DRAINAGE AREA = 342 SQ. MI.
 SCOUR CRITICAL CODE = 5

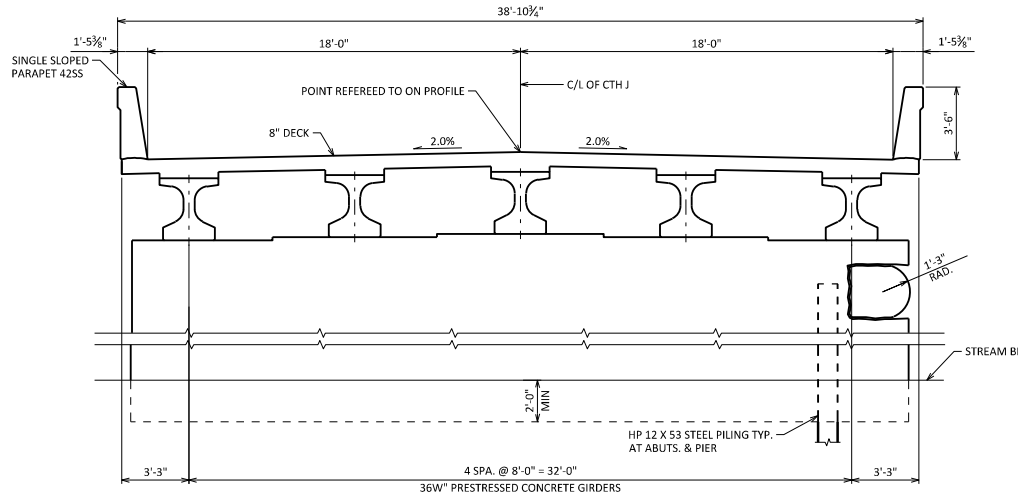
TRAFFIC DATA

FEATURE ON:

ADT = 3,200 (2026)
 ADT = 3,400 (2046)
 R.D.S. = 40 MPH

2-YEAR FREQUENCY:

$Q_2 = 4,010$ C.F.S.
 $V_2 = 6.3$ F.P.S.
 $HW_2 =$ EL. 1212.79



TYPICAL SECTION THRU BRIDGE

STATE PROJECT NUMBER

9471-00-70

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 $\frac{3}{8}$ " UNLESS OTHERWISE NOTED.

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.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-37-495" 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.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED AS SHOWN IN DETAIL ON SHEET 3 AND APPLY TO THE TOP OF DECK.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "36W PRESTRESSED GIRDER DETAILS 2" SHEET.

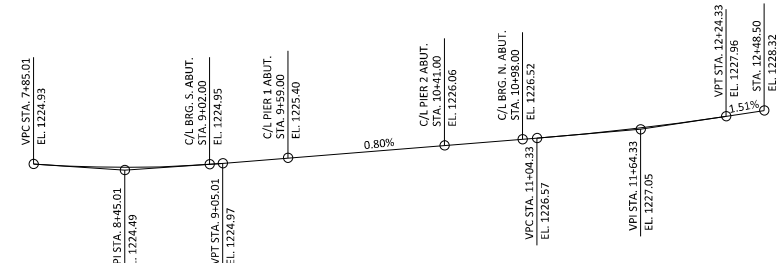
THE EXISTING STREAM BED SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS.

EXISTING SUBSTRUCTURE LOCATIONS ARE BASED ON SURVEY. EXTENT OF BELOW GRADE SUBSTRUCTURE ARE NOT KNOWN. REMOVE EXISTING SUBSTRUCTURE AS NEEDED TO BUILD NEW SUBSTRUCTURE. COST OF SUBSTRUCTURE REMOVAL IS CONSIDERED INCIDENTAL TO "REMOVING STRUCTURE OVER WATERWAY WITH DEBRIS CAPTURE" BID ITEM.

AT ABUTMENTS AND PIER(S), CONCRETE POURED UNDER WATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH SECTION 502.3.3.5 OF THE STANDARD SPECIFICATIONS.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	S ABUT.	PIER 1	PIER 2	N ABUT.	TOTALS
203.0270	REMOVING STRUCTURE OVER WATERWAYS DEBRIS CAPTURE B-37-23	EACH	---	---	---	---	---	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES (B-37-495)	EACH	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	---	---	---	---	
502.0100	CONCRETE MASONRY BRIDGES	CY	---	---	---	---	---	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	---	---	---	---	---	
502.3210	PIGMENTED SURFACE SEALER	SY	---	---	---	---	---	
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	---	---	---	---	---	
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	---	---	---	---	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	---	---	---	---	---	
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	---	---	---	---	
506.4000	STEEL DIAPHRAGMS B-37-495	EACH	---	---	---	---	---	
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	---	---	---	---	
550.0020	PRE-BORING ROCK OR CONSOLIDATED MATERIALS	LF	---	---	---	---	---	
550.0500	PILE POINTS	EACH	---	---	---	---	---	
550.1120	PILING STEEL HP 12-INCH X 53 LB	LF	---	---	---	---	---	
606.0300	RIPRAP HEAVY	CY	---	---	---	---	---	
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	---	---	---	---	
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	---	---	---	---	---	
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	---	---	---	---	
645.0120	GEOTEXTILE TYPE HR	SY	---	---	---	---	---	
	NON-BID ITEMS							
	FILLER	SIZE	---	---	---	---	---	$\frac{1}{2}$ ", $\frac{3}{4}$ "



PROFILE GRADE LINE

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-37-495		DRAWN BY	JMC CCK'D SAP
TYPICAL SECTION, QUANTITIES, AND NOTES			SHEET 2 OF 4

Fold here

Fold on Lines, Tape, Stamp, and Mail

Name _____

Address _____

City _____ State _____

Zip _____

Place Stamp Here

Mr. Kristofer Olson
Ayres Associates Inc
700 Pilgrim Way, Suite 180
Green Bay, WI 54304

Fold here to mail