

# **Public Involvement Notice**

## **Improvements to County M at Halfway Creek**

Planned improvements for County M in the Town of Onalaska, La Crosse County, were planned to be discussed at a public involvement meeting. The meeting will be not held due to COVID-19 developments. Instead of the meeting, project information can be found in this notice, the attached exhibits, or by contacting the individuals below.

The County M bridge project involves improvements to the roadway and bridge at the crossing of the Halfway Creek approximately 0.4 miles east of County W. The proposed improvement will include the removal of the existing single-span steel girder bridge and construction of a new single-span concrete slab bridge. The approximately 455-foot long project will include replacement of the bridge at the existing location and 410 feet of roadway approaches.

During construction of the County M project, the bridge will be closed to traffic. Construction is anticipated to take approximately 2 ½ months during 2021. The earliest construction could begin is May 15<sup>th</sup> due to in-stream work restrictions. The exact timeframe will be determined by the contractor based on their availability.

Additional right-of-way easements are anticipated to be needed to build the project.

Individuals are encouraged to contribute comments about the bridge project by July 15, 2020 by returning the attached comment form or contacting the following individuals:

Joe Langeberg  
La Crosse County Highway Department  
301 Carlson Road  
West Salem, WI 54669  
715.786.3810  
[JLangeberg@lacrossecounty.org](mailto:JLangeberg@lacrossecounty.org)

Dan Sydow  
Ayres Associates  
3433 Oakwood Hills Parkway  
Eau Claire, WI 54701  
715.834.3161  
[SydowD@AyresAssociates.com](mailto:SydowD@AyresAssociates.com)

STATE PROJECT	FEDERAL PROJECT
7323-00-70	

**STATE OF WISCONSIN**  
**DEPARTMENT OF TRANSPORTATION**  
 PLAN OF PROPOSED IMPROVEMENT  
**CTH D - CTH W**  
 HALFWAY CREEK BRIDGE B320241  
**CTH M**  
**LA CROSSE COUNTY**

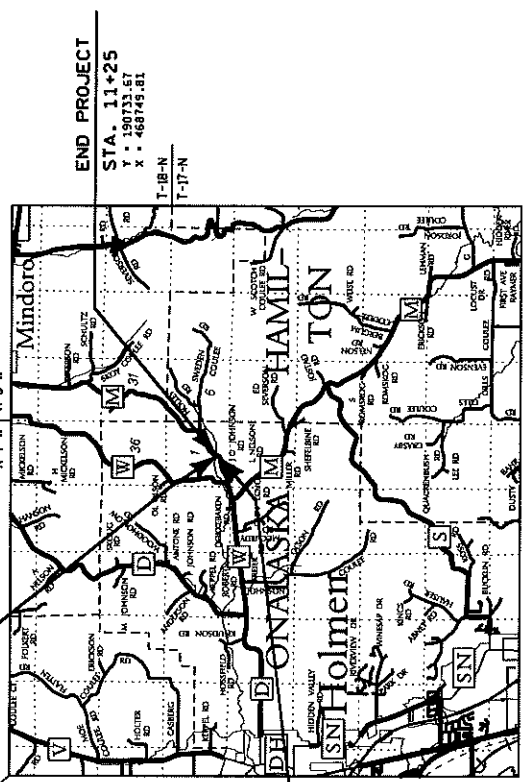
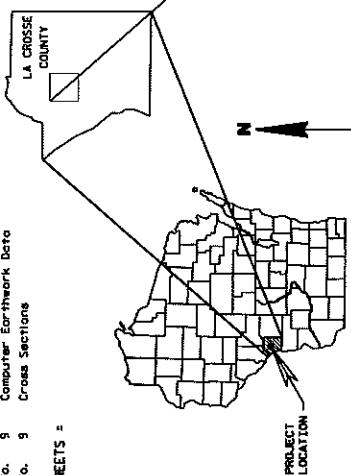
STATE PROJECT NUMBER  
**7323-00-70**

STRUCTURE B-32-241

**ORDER OF SHEETS**

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



END PROJECT  
 STA. 11+25  
 Y = 190733.67  
 X = 468745.81

BEGIN PROJECT  
 STA. 7+68.63  
 Y = 188440.85  
 X = 468511.85

**DESIGNATION**

A.A.D.T. 2020	= 560
A.A.D.T. 2040	= 760
D.A.V.	= 60
D.	= 50/50
T.	= 52
DESIGN SPEED	= 35 MPH
ESALS	= 59,000

**CONVENTIONAL SYMBOLS**

PLAN	PROPERTY LIMITS
LOT LINE	LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY	PROPOSED OR NEW R/W LINE
SLOPE INTERCEPT	REFERENCE LINE
EXISTING CULVERT	PROPOSED CULVERT
COMBUSTIBLE FLUIDS	CONCRETE
HIGH VOLTAGE	MARSH AREA
WOODED OR SHRUB AREA	TELEPHONE POLE

**PROFILE**

GRADE LINE	ORIGINAL GROUND
MARSH OR ROCK PROFILE	SPECIAL DITCH
GRADE ELEVATION	CULVERT (Profile View)
UTILITIES	OVERHEAD
ELECTRIC	FIBER OPTIC
GAS	SANITARY SEWER
STORM SEWER	TELEPHONE
WATER	UTILITY PEDESTAL
POWER POLE	TELEPHONE POLE

**CAUTION**

LAYOUT  
 SCALE 0 1/4" = 1"

TOTAL NET LENGTH OF CENTERLINE = 0.067 MI.

SURVEY PERFORMED IN 2019.  
 COORDINATES AND ELEVATIONS REFERENCED TO  
 THE WISCONSIN COUNTY CORNER SYSTEM (WCCS),  
 LA CROSSE COUNTY.

ACCEPTED FOR \_\_\_\_\_  
 County \_\_\_\_\_ La Crosse

DATE \_\_\_\_\_

ORIGINAL PLANS PREPARED BY  
**AVRES**  
 3433 Oakwood Plaza Parkway  
 Eau Claire, WI 54601  
 www.avresassociates.com

STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION

PREPARED BY  
 Designer \_\_\_\_\_  
 Project Manager \_\_\_\_\_  
 Regional Engineer \_\_\_\_\_  
 Regional Supervisor \_\_\_\_\_

APPROVED FOR THE DEPARTMENT  
 DATE \_\_\_\_\_  
 Signature \_\_\_\_\_

**SCHEDULE OF LANDS AND INTERESTS REQUIRED**

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	T.L.E. ACRES
1	RUSSELL AND CAROL BRINDE	TLE	0.035
2	GREGORY AND KRISTINE HEINECK	TLE	0.024

**BENCH MARKS**

NO.	STA.	DESCRIPTION	ELEV.
1	10+13.7	CHISELED 'X' IN NW CORNER WALL, 13.7' LT.	787.58
2	11+56.2	BRR SPIKE IN POWER POLE, 38.1' LT.	785.53

**NOTE:**

FOR ALIGNMENT CONTROL POINTS, BEARINGS, AND COORDINATES, SEE "ALIGNMENT CONTROLS" SHEET.  
 FOR QUADRAL LAYOUT AND APPROACH SLAB DETAILS, SEE "QUADRAL LAYOUT AND APPROACH SLAB DETAIL SHEET".  
 FOR SUPERELEVATION DIAGRAM AND PRIVATE ENTRANCE DETAILS, SEE "CONSTRUCTION DETAILS" SHEET.

**END PROJECT / CONSTRUCTION**

**STA. 7+68.63**  
 Y=48940.85  
 X=468521.85

**END CONSTRUCTION**

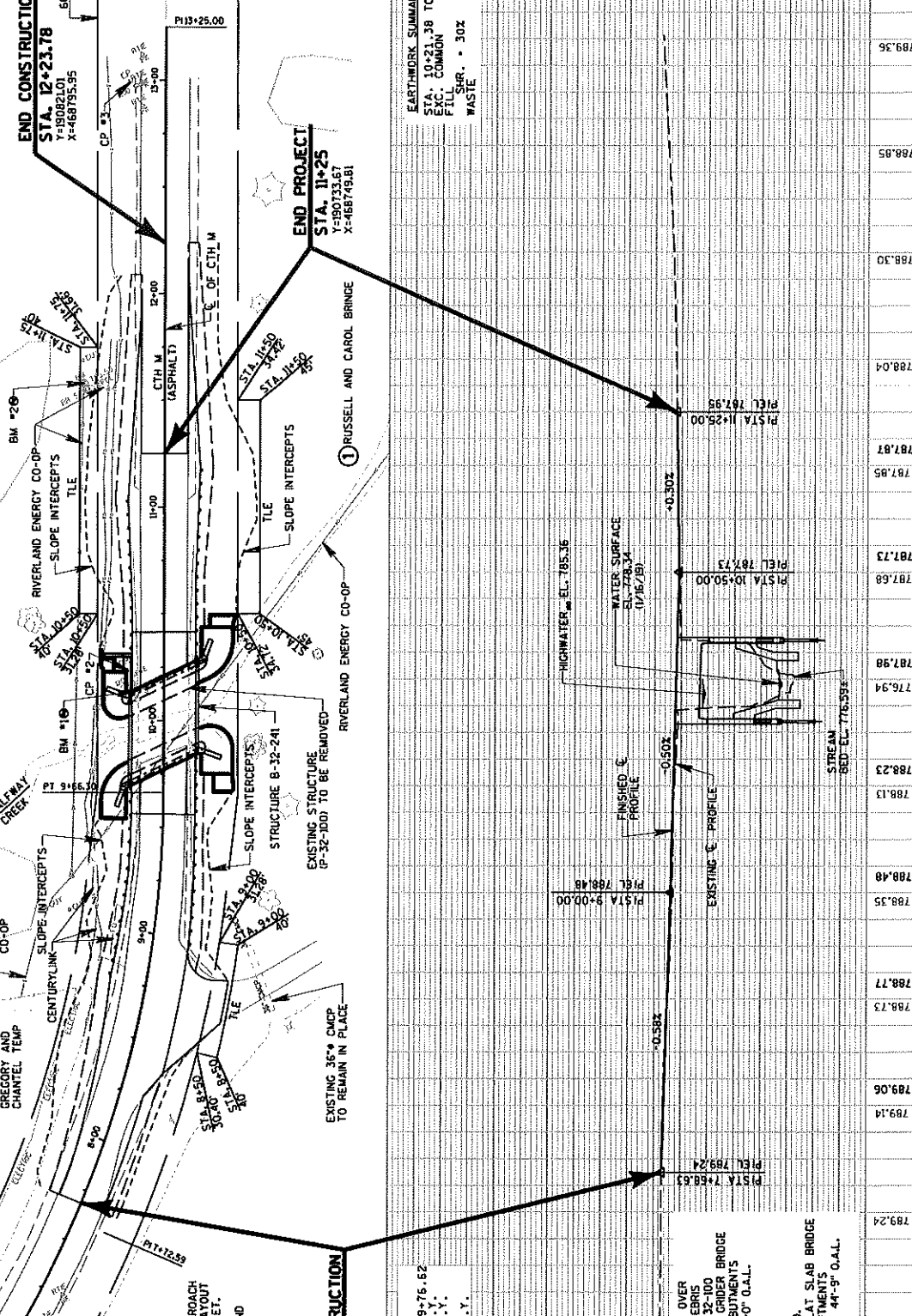
**STA. 12+23.78**  
 Y=190821.01  
 X=468795.95

**PLAN AND PROFILE**

**COUNTY: LA CROSSE**  
**HWY: CTH M**

**PROJECT NO: 7323-00-70**

**SCALE: FEET @ 25'**



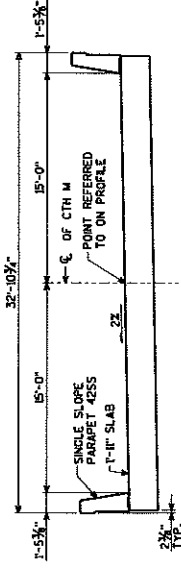
**EARTHWORK SUMMARY**  
 STA. 10+21.38 TO STA. 12+23.78  
 EXC. COMMON C.Y.  
 FILL SHR. • 30% C.Y.  
 BORROW C.Y.  
 WASTE C.Y.

**END PROJECT / CONSTRUCTION**  
**STA. 11+25**  
 Y=90733.67  
 X=468749.81

**END CONSTRUCTION**  
**STA. 12+23.78**  
 Y=190821.01  
 X=468795.95

**PLAN AND PROFILE**

STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
7+00	789.33	8+00	789.14	9+00	788.35	10+00	787.94	11+00	787.95
7+50	789.24	8+50	788.73	9+50	788.13	10+50	787.68	11+50	788.04
8+00	789.06	9+00	788.77	10+00	787.99	11+00	787.81	12+00	788.30
8+50	788.73	9+50	788.48	10+50	787.68	11+50	788.04	12+50	788.85
9+00	788.35	10+00	787.94	11+00	787.95	12+00	788.30	13+00	789.36
9+50	788.13	10+50	787.68	11+50	788.04				
10+00	787.94	11+00	787.95						
10+50	787.68								
11+00	787.95								
11+50	788.04								
12+00	788.30								
12+50	788.85								
13+00	789.36								



**TYPICAL SECTION THRU BRIDGE**  
LOOKING NORTH

**DESIGN DATA**

**LIVE LOAD:**  
DESIGN LOADING: HL-93  
INVENTORY RATING FACTOR:  
DESIGN RATING: 100 KIPS  
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) \* KIPS  
STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 \* 1/2" F.

**MATERIAL PROPERTIES:**  
CONCRETE MASONRY (SUPERSTRUCTURE) f'c = 4,000 p.s.i.  
ALL OTHER f'c = 3,500 p.s.i.  
HIGH STRENGTH BAR STEEL REINFORCEMENT (GRADE 60) fy = 60,000 p.s.i.

**HYDRAULIC DATA:**

100 YEAR FREQUENCY  
Q = 11,080 c.f.s.  
VEL = 8.9 f.t.s.  
HW = EL. 785.37  
WATERWAY AREA = 119 sq. ft.  
DRAINAGE AREA = 3.4 sq. ml.  
ROADWAY OVERTOPPING = N/A  
SCOUR CRITICAL CODE = B  
DATUM = NAVD88 (2012)

**FOUNDATION DATA:**

SOUTH ABUTMENT TO BE SUPPORTED ON HP 10 x 42 STEEL PILING (WITH PILE POINTS) DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 180 TONS \* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA, ESTIMATED LENGTH 55'-0".  
NORTH ABUTMENT TO BE SUPPORTED ON HP 10 x 42 STEEL PILING (WITH PILE POINTS) DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 180 TONS \* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA, ESTIMATED LENGTH 60'-0".  
\* 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.

**TRAFFIC DATA:**

A.A.D.T. = 550 (2023)  
A.A.D.T. = 760 (2042)  
R.D.S. = 85 M.P.H.

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY  
**AVRES** 2433 Oakwood Hills Parkway  
Eau Claire, WI 5470  
www.avresinc.com

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

ACCEPTED  
CHIEF STRUCTURES DESIGN ENGINEER DATE

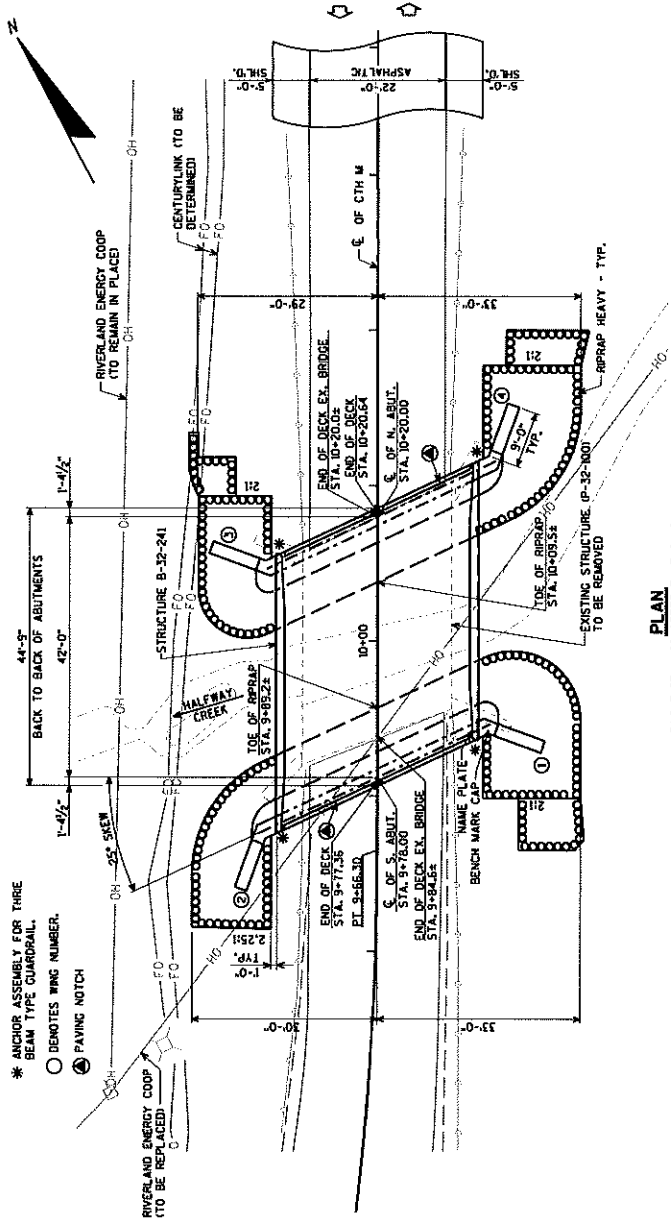
**STRUCTURE B-32-241**

CTH M OVER HALFWAY CREEK  
COUNTY L.A. CROSSE TOWNSHIP WISCONSIN ONALASKA

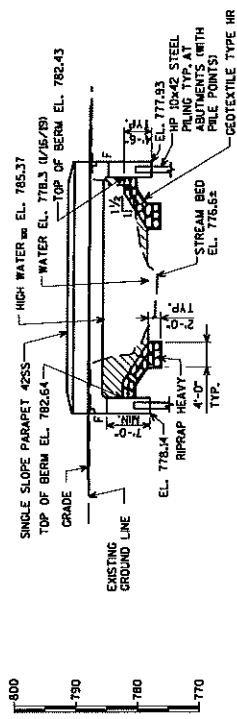
DESIGN SPEC. L.A. CROSSE TOWNSHIP WISCONSIN ONALASKA  
BASED ON L.A. CROSSE TOWNSHIP WISCONSIN ONALASKA  
DESIGNED BY ONALASKA  
DRAWN BY ZSS (GCD)  
PLANS DESIGNED BY

**GENERAL PLAN**

SHEET 1 OF 3  
DATE:



**PLAN**  
SINGLE-SPAN CONCRETE FLAT SLAB BRIDGE



**ELEVATION**  
NORMAL TO C.L. OF HALFWAY CREEK

COST OF EXCAVATION IN THE HATCHED AREAS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR EXCAVATION FOR STRUCTURES BRIDGES B-32-241.

**PROFILE GRADE LINE**

PL STA. 9+00.00	EL. 788.48
C.L. OF S. ABUT.	EL. 788.00
C.L. OF N. ABUT.	EL. 781.88
PL STA. 10+50.00	EL. 781.73

BENCHMARK: BM #1  
CHISEL X NW CORNER  
STA. 9+51.72, H/L OF C  
EL. 787.58

**LIST OF DRAWINGS**

1. GENERAL PLAN AND NOTES
2. SUBSURFACE EXPLORATION

BRIDGE OFFICE CONTACT:  
WILLIAM DREHER  
608P-266-8689

CONSULTANT CONTACT:  
DAN STODOL  
1715P-834-3161



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Fold on Lines, Tape, Stamp, and Mail

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_

Place Stamp Here
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Mr. Daniel Sydow  
Ayres Associates Inc  
3433 Oakwood Hills Parkway  
Eau Claire, WI 54701

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