

**Motorized Recreation Grant Application**

For: (choose all that apply)

- ATV/UTV Trail Aid  
 Snowmobile Trail Aid

**Due Date: April 15**

**Notice:** Completion of this form is required under Wisconsin Statutes 23.09(26) and 23.33. Failure to complete this form will result in denial of financial assistance. Personally identifiable information found on this form is not intended to be used for any other purpose. The Department of Natural Resources (DNR) may provide this information to requesters as required by Wisconsin's Public Records law {ss. 19.31 – 19.39, Wis. Stats.}.

**Instructions:** Applications may combine more than one source of funds. They may be submitted for consideration of traditional ATV, UTV, Snowmobile and Motorized Stewardship funding. Submit one copy of all forms and attachments. See Page 2 for necessary attachments. Send applications to your Community Services Specialist.

DNR Use Only	
Category	Number

**Section 1: Applicant Information**

Applicant / Organization Name Jeff Wolfe / Barron County			Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input type="checkbox"/> Select if the same as applicant.		
Individual Authorized to Act on Behalf of Applicant per Resolution Jeff Wolfe			Check Recipient Name (Name to Appear on Check) Jodi Busch		
Title Deputy Sheriff			Title Finance Director		
Address 1420 Highway 25 N.			Address 335 E. Monroe Avenue		
City Barron	State WI	ZIP Code 54812	City Barron	State WI	ZIP Code 54812
Telephone Number (715) 637-6710		Email Address jeff.wolfe@co.barron.wi.us			

**Section 2: Project Information Required for all Projects**

Project Title Sumner Township Corridor 12 Bridge					Current Funded Miles 337.60	New Miles (if applicable) N/A
County Barron	Township 34 N	Range 10	Section 25	¼ ¼ NW	¼ NW	GPS Coordinates: Lat. 45.406968 Long. -91.559199

**Project Description Summary**

Barron County along with the Chetek Snow Flyers propose to install a new bridge on Barron County Forest land. Corridor 12 passes through this piece of county forest land and for decades have dealt with an intermittent stream that poses problems for the snowmobile trail crossing. Some years there is no water flow through this intermittent stream, and the snow that is naturally present is sufficient to bridge from bank to bank, however more often than not there is some water movement throughout the winter months that cause the natural snow bridge to fail and snowmobiles are forced to drive through the open water. We are proposing to install a new bridge that was paid for by Barron County funds, however the bridge will need to be installed on site have railings fabricated and installed along with a bridge deck.

I certify that all maintenance land use agreements are on file.

**Estimated Cost**

Maintenance	Acquisition	Insurance	Development \$44,716.00	Bridge Rehab.	Trail Rehab.	Total Estimated Cost \$44,716.00
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Leave Blank – DNR Use Only

**Applicant Certification**

Printed Name of Authorized Official Jeff Wolfe	Official's Title Deputy Sheriff
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As the applicant's authorized official, I certify that, to the best of my knowledge, the information in this application is true and correct.

Signature of Authorized Official 

Date Prepared 04/10/2023

**Appendix A – Required for Bridge Rehab/Replace, New, or Reroute with New Bridge**

Bridge Rehab/Replace     New Bridge     Reroute with new bridge

County Barron	Township 34 N	Range 10	<input type="radio"/> E <input checked="" type="radio"/> W	Section 25	¼ ¼ NW	¼ NW	GPS Coordinates: Lat. 45.406968 Long. -91.559199
Water Body Name Unnamed WBIC 5006137				Bridge Name Sumner TWSP Corridor 12		County Inventory Number	
Funded Trail Name or Number (SNARS if applicable) 12				Has this bridge site ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input checked="" type="radio"/> No    Year: _____ \$ _____			
Bridge is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property				Old Bridge/Culvert Size    N/A New Bridge/Culvert Size    35' x 12'			
Landowner Where Bridge is Located Barron County				Telephone Number (715) 537-6201		Length of Trail Use Agreement (5 year minimum) 30	
Current maximum load _____ lbs.		Age of Bridge		Bridge Material			
Proposed maximum load    30,000 lbs.				Steel			
Sponsoring Club Name Chetek Snow Flyers				Club Contact Mike Schmidt		Telephone Number (715) 829-8925	
Do you have your trail bridges posted as to maximum load? <input checked="" type="radio"/> Yes <input type="radio"/> No				What is the maximum load of the other bridges on the system if groomed with this bridge? 20,000-60,000			
What is the weight of your puller & drag/grading equipment? 28,500							
What other recreational trail uses are planned for this bridge? Only Snowmobile							
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? N/A							
<input checked="" type="radio"/> Yes <input type="radio"/> No    Have you contacted your local <u>DNR Water Management Specialist (WMS)</u> regarding a permit? <input checked="" type="radio"/> Yes <input type="radio"/> No    Is a permit needed? (Please provide any written correspondence from WMS.) <input checked="" type="radio"/> Yes <input type="radio"/> No    Have you contacted your County Zoning Dept. regarding a floodplain determination? <input type="radio"/> Yes <input checked="" type="radio"/> No    Will an H & H (hydrologic and hydraulic) study be required?							

**Bridge Project Detailed Description**

Barron County along with the Chetek Snow Flyers propose to install a new bridge on Barron County Forest land. Corridor 12 passes through this piece of county forest land and for decades have dealt with an intermittent stream that poses problems for the snowmobile trail crossing. Some years there is no water flow through this intermittent stream, and the snow that is naturally present is sufficient to bridge from bank to bank, however more often than not there is some water movement throughout the winter months that cause the natural snow bridge to fail and snowmobiles are forced to drive through the open water. We are proposing to install a new bridge that was paid for by Barron County funds, however the bridge will need to be installed on site, have railings fabricated and installed along with a bridge deck. Our contractor will build the approaches, set the bridge, fabricate and install steel railings, and deck the bridge with 4"x8" white oak. This will ensure a safe crossing for snowmobile traffic.



**Appendix A (continued)**

**Summarize Costs in Appropriate Categories:**

**Bridge Structure**

	<b>Quote 1</b>	<b>Quote 2</b>
	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden	<input type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:	_____ 35' x 12' _____	_____
Bridge Manufacturer:	_____ Spooner Machine _____	_____
Design Weight Load	_____ 35,000 lbs. _____	_____ lbs. _____
Cost of Structure:		
1. Engineering	\$ _____	\$ _____
2. Structure	\$ _____	\$ _____
<b>Subtotal</b>	<b>\$ _____</b>	<b>\$ _____</b>

	<b>Quote 1</b>	<b>Quote 2</b>
	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate	<input type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate
<b>Installation Costs:</b>		
1. Engineering	\$ 1,000 _____	\$ _____
2. Site Preparation	\$ _____	\$ _____
3. Abutments	\$ _____	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ _____
7. Labor	\$ _____	\$ _____
8. Equipment Rental	\$ _____	\$ _____
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other Contractor bid	\$ 43,716 _____	\$ _____
<b>Subtotal</b>	<b>\$ 44,716 _____</b>	<b>\$ _____</b>
<b>Total Cost</b>	<b>\$ 44,716 _____</b>	<b>\$ _____</b>

**For the application grant, you must take the lowest of the two quotes.**

**Entire Deck and Railing Projects**                       Contractor    Sponsor    Club

Bridge Dimensions:	_____
Design Weight Load	_____ lbs.
1. Materials	\$ _____
2. Labor	\$ _____
<b>Total</b>	<b>\$ _____</b>

Pat,

I was able to find a contractor that would give me a second estimate for the Sumner Township bridge. His bid came in at \$47,730 and a copy of his bid is attached to this email. I also talked to the first contractor to get a breakdown of the estimate:

Decking material 4"x8"x12' white oak and 6"x6"x8' white oak \$3,772

Decking hardware \$800

Labor for deck install \$5,600

Steel for railings \$4,515

Railing fabrication and install \$5,500

Concrete abutments labor and materials \$9,000

Approaches \$14,529

Engineering \$1,000



# ESTIMATE

TLB LLC  
2807 22nd Street  
Rice Lake, WI 54868

tbusch9987@gmail.com  
+1 (715) 491-7409

Barron County Sheriffs Dept.

### Bill to

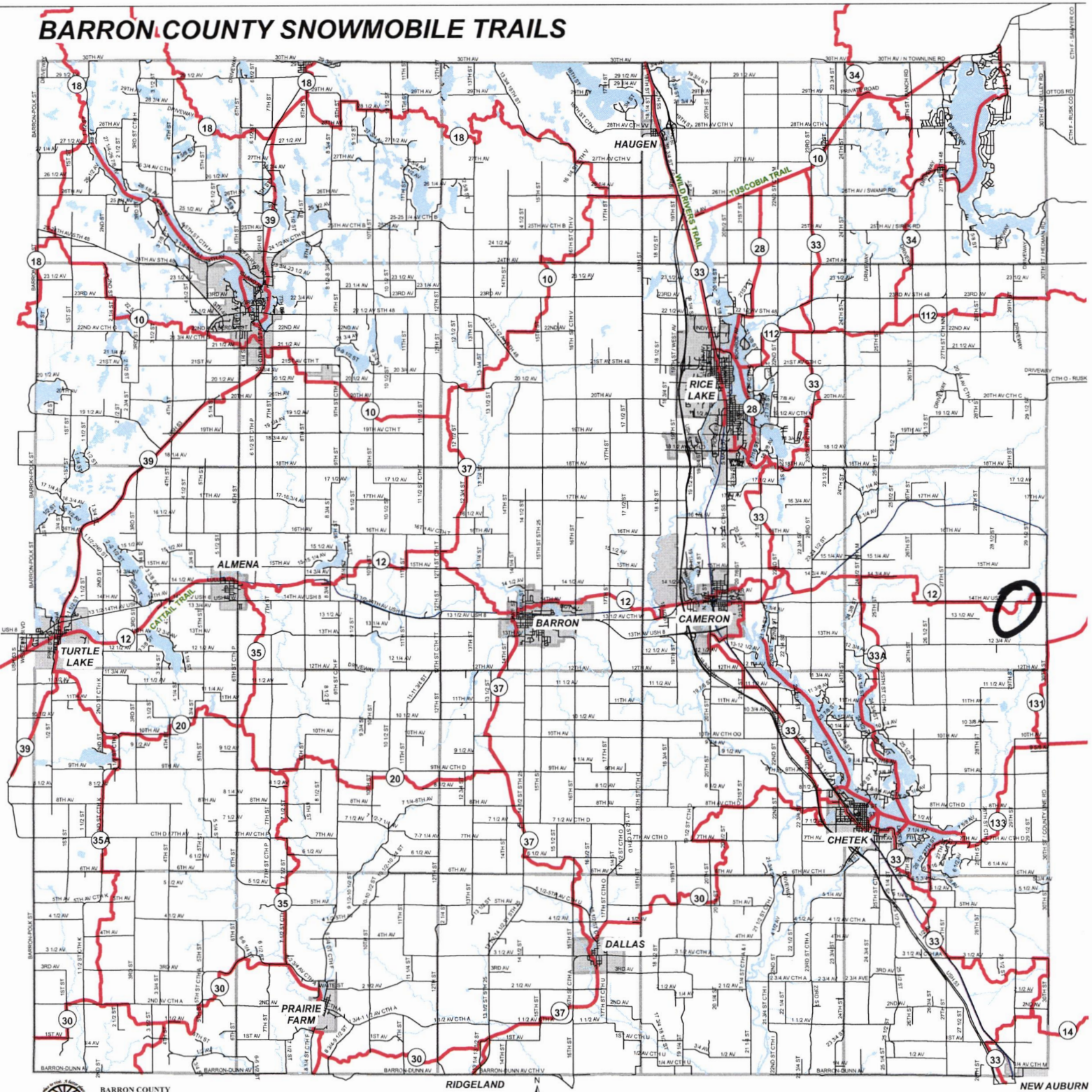
Jeff Wolfe  
1420  
HWY 25 N  
Barron, wi

### Estimate details

Estimate no.: 1029  
Estimate date: 07/24/2023

Product or service	Amount	Amount
1. <b>Bridge Work</b> Moose Ear water way Bridge Trail #12 35' Bridge Installation per DNR permit specs Concrete coffin blocks set as bridge abutments and breaker rock installed to aid in erosion prevention Set bridge frame in place Fabricate and install steel railings Deck w/ 4" white oak Finish to each end of bridge w/gravel approach	1 hr x \$47,730.00	\$47,730.00
<del>2. <b>Bridge Work</b> Natures Edge Bridge Trail #12 35' Bridge Installation per DNR permit specs Concrete coffin blocks set as bridge abutments and breaker rock installed to aid in erosion prevention Set bridge frame in place Fabricate and install steel railings Deck w/ 4" white oak Finish to each end of bridge w/gravel approach</del>	<del>1 hr x \$47,730.00</del>	<del>\$47,730.00</del>
<del>Total</del>	<del>\$95,460.00</del>	

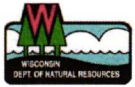
# BARRON COUNTY SNOWMOBILE TRAILS



 **BARRON COUNTY**  
DEPARTMENT OF  
LAND SERVICES &  
SHERIFF'S DEPT

0 1 2  
Miles

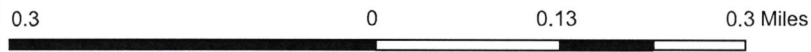
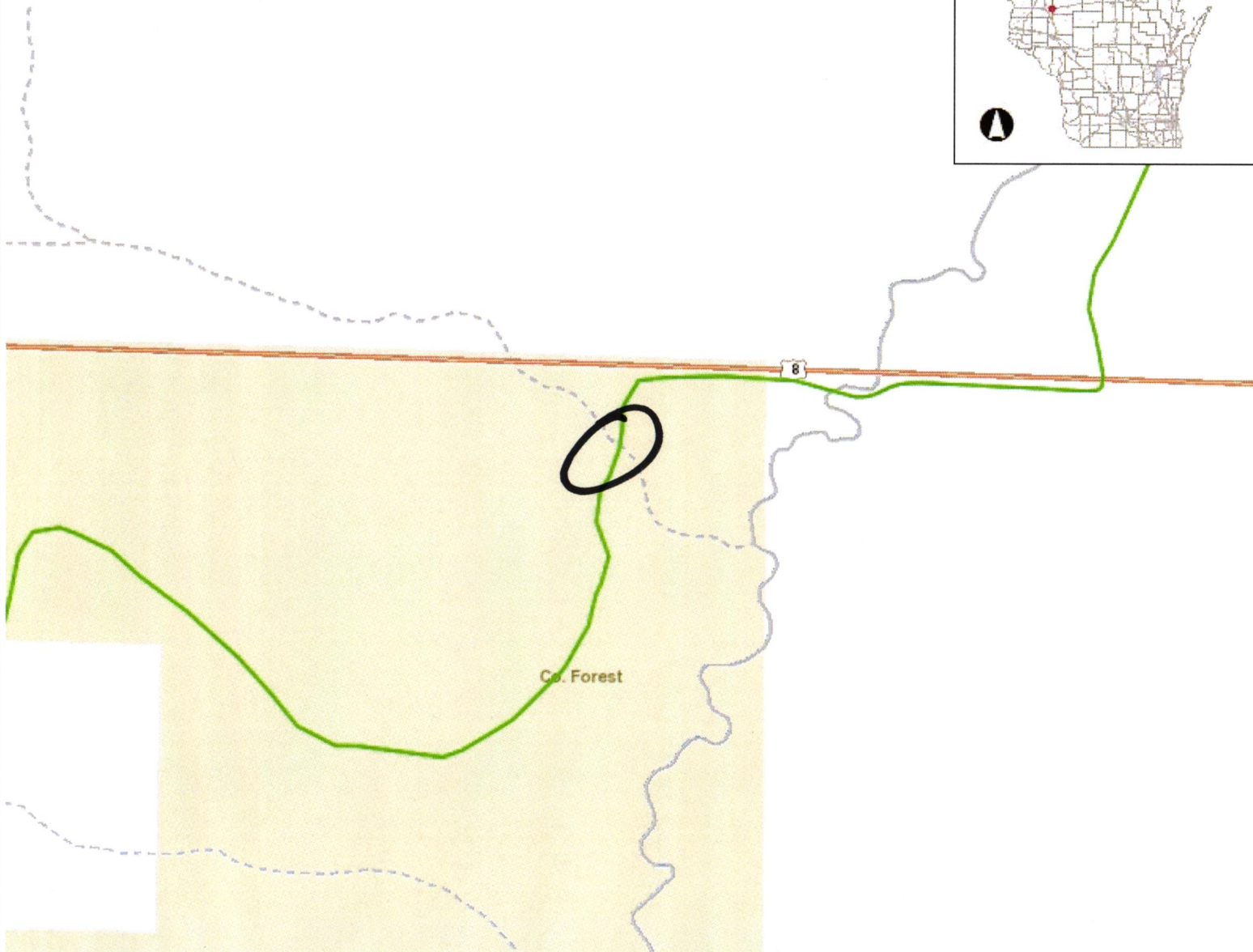




# Corridor 12



- Legend**
- Municipality
  - State Boundaries
  - County Boundaries
  - Major Roads**
    - Interstate Highway
    - State Highway
    - US Highway
  - County and Local Roads**
    - County HWY
    - Local Road
  - Railroads
  - Tribal Lands
  - Rivers and Streams
  - Intermittent Streams
  - Lakes and Open water



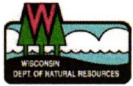
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1: 7,920

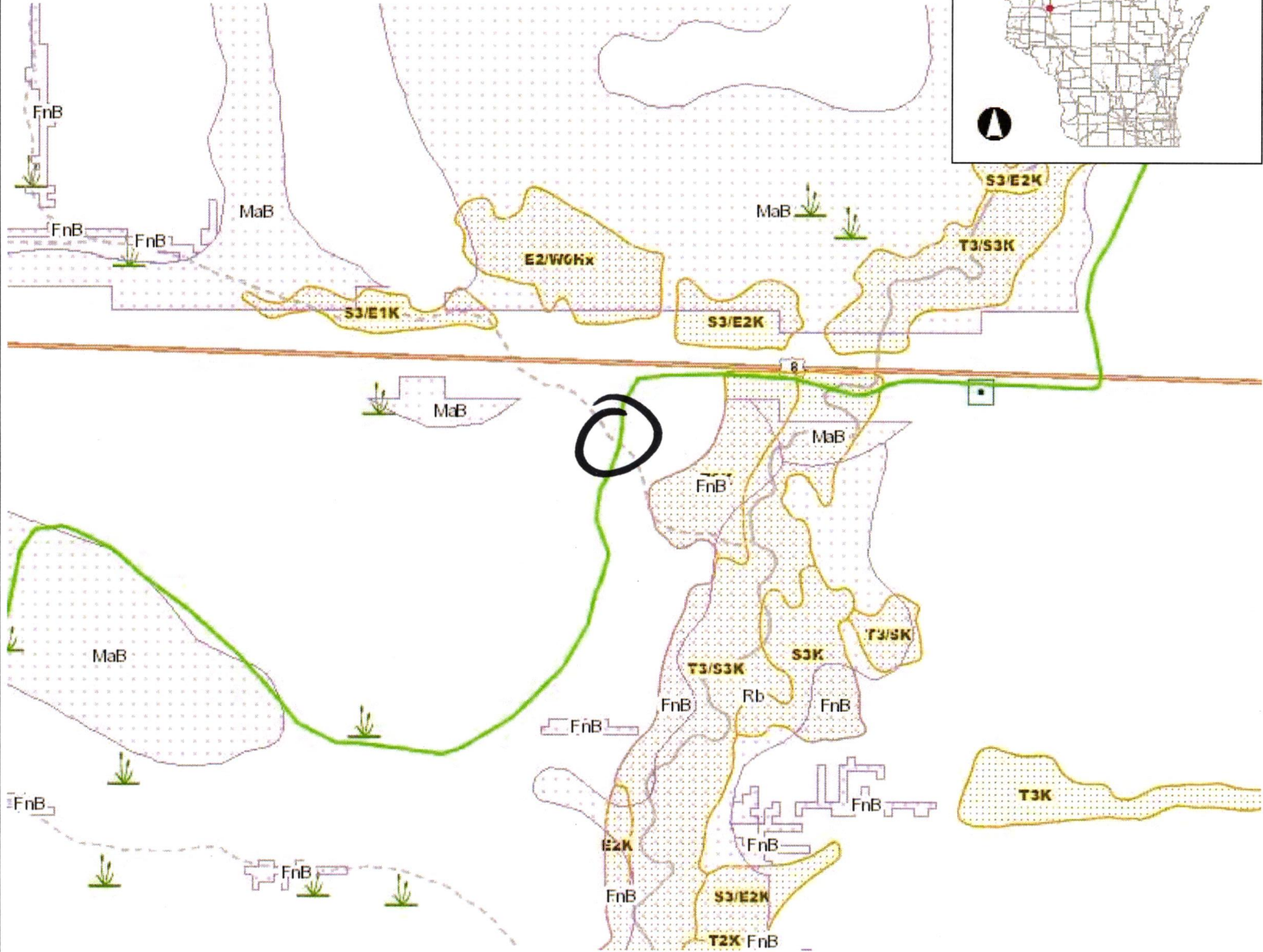
DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

## Notes

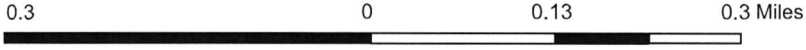




# Corridor 12



- ### Legend
- Wetland Indicators
  - Wetland Class Areas
  - Wetland Class Points
  - Dammed pond
  - Excavated pond
  - Filled/draind wetland
  - Wetland too small to delineate
  - Filled excavated pond
  - Filled Points
  - Wetland Class Areas
  - Filled Areas
  - Wetland Class Areas
  - Wetland Class Points
  - Dammed pond
  - Excavated pond
  - Filled/draind wetland
  - Wetland too small to delineate
  - Filled excavated pond
  - Filled Points
  - Wetland Class Areas
  - Filled Areas
  - Wetland Identifications and Confirmations
  - NRCS Wetspots
  - Municipality
  - State Boundaries
  - County Boundaries
  - Major Roads**
    - Interstate Highway
    - State Highway
    - US Highway
  - County and Local Roads**
    - County HWY
    - Local Road
    - Railroad



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1: 7,920

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### Notes

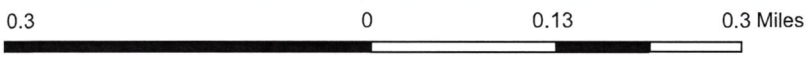




# Corridor 12



- Legend**
- Municipality
  - State Boundaries
  - County Boundaries
  - Major Roads**
    - Interstate Highway
    - State Highway
    - US Highway
  - County and Local Roads**
    - County HWY
    - Local Road
  - Railroads
  - Tribal Lands
  - Rivers and Streams
  - Intermittent Streams
  - Lakes and Open water



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1: 7,920

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**Notes**



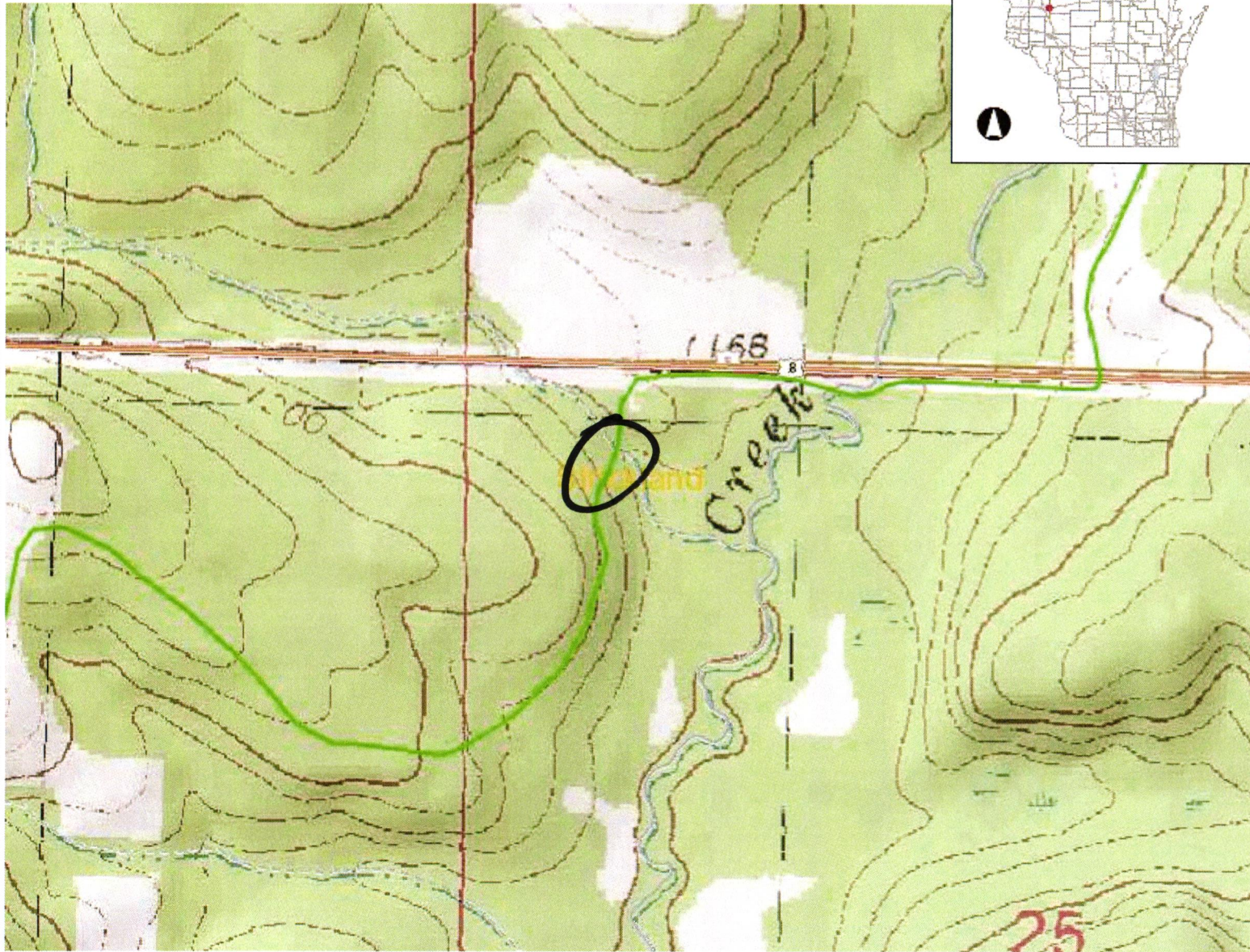


# Corridor 12



## Legend

- Municipality
- State Boundaries
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- Major Roads**
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- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water
- 24K USGS Quad Index - Level 7 - 16



0.3 0 0.13 0.3 Miles

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1: 7,920

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## Notes





Jeff Wolfe <jeff.wolfe@co.barron.wi.us>

**RE: Snowmobile bridge permit - Baron County**

1 message

Helsel, Daniel R - DNR <Daniel.Helsel@wisconsin.gov>

Tue, Apr 11, 2023 at 11:28 AM

To: Jeff Wolfe <jeff.wolfe@co.barron.wi.us>

Cc: "Croonborg-Murphy, Jennifer M - DNR" <Jennifer.CroonborgMurphy@wisconsin.gov>

Hi Jeff

Thanks for the email and unfortunately I could not open the file you attached for this bridge crossing in Baron County, WI. I did locate the project on our Surface Water Data Viewer and it appears to be on an intermittent stream course (attached below imagine). Permit decisions are always based upon the information submitted with an application and though I can say we are almost always able to work with counties trail folks to end up with a permittable project, I can't provide you a preliminary decision at this point.

Please see the included and attached information regarding WI DNR permitting for this activity. There are no exemptions for constructing a bridge over a navigable waterway. Go thru the questionnaire on the below **"Waterway Crossings information"** website to determine if your proposed project will require an WI DNR Individual Permit or General Permit. Crossing a waterway can be done in many ways, one of which can involve a bridge. For the purposes of protecting the public trust when starting a waterway crossing project, a bridge, as defined by law, is considered to be *"any structure constructed in or over a navigable waterway to provide a walkway or roadway for pedestrians, animals or vehicles, and includes pipe arches and culverts."* Although the legal definition of a bridge includes culverts, the Wisconsin DNR has created a separate page with information on culverts. Please visit the [culverts page](#) of our Web site, if your project involves culverts and not bridges.

I know you recognize a permit is required to place a new bridge over a navigable waterway. The department has developed steps that should help identify a clear course of action to take if you want to build a new bridge OR if you need to rebuild a bridge affected by a natural disaster. If you need to construct a temporary crossing for forestry related activities, please visit our [temporary in-stream crossing page](#).

**You can find information at following web links:**

- WI DNR homepage at: <http://dnr.wi.gov/>
- Waterway &Wetland permits: <http://dnr.wi.gov/Permits/Water/>
- Waterway Crossings information:** [http://dnr.wi.gov/topic/Waterways/water\\_levels\\_crossings/bridges.html](http://dnr.wi.gov/topic/Waterways/water_levels_crossings/bridges.html)

**To complete an online DNR permit application:**

1. Go to: <http://dnr.wi.gov/Permits/Water/>
2. Click on **"Register"** for a WAMS ID (creates an account for you to use for all future applications and tracking statuses of).
3. Once WAMS ID has been created, go back onto the Water Permit Application page and click on the blue **"Waterway and wetland"** tab in the middle, right of screen. This will generate a list all the waterway & wetland permits in alphabetical order starting with **"Boat ramp"** at the top.
4. After you have figured out which permit is needed, scroll down to **"Bridge – Clear span over streams"** and click on **"Begin GP application"** in the right hand column.
5. Fill out online application and upload required attachments (Legible Site map, Plans and Specifications, Project Narrative, Ownership Documents, Site Photos, Other Items, etc...) and submit along with application fee.

Please let me know if you need further information, have questions or need any assistance completing a permit application for this.

Thanks, Dan

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Dan Helsel**

Pronouns: He/Him  
 Program Director  
 Waterways and Wetlands Program  
 Wisconsin Department of Natural Resources  
 Cell Phone: 715-797-8601  
[daniel.helsel@wisconsin.gov](mailto:daniel.helsel@wisconsin.gov)



**From:** Jeff Wolfe <jeff.wolfe@co.barron.wi.us>  
**Sent:** Tuesday, April 11, 2023 9:45 AM  
**To:** Helsel, Daniel R - DNR <Daniel.Helsel@wisconsin.gov>  
**Subject:** Snowmobile bridge permit

CAUTION: This email originated from outside the organization.  
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dan,

I am applying for a grant to install a new snowmobile bridge on county land. We currently cross an intermittent stream and some years it is not an issue as there is little to no flow and the snow that is naturally there is sufficient to cross. Some years this is a big issue and the water never stops flowing in the winter. Could you please take a look and see if there is a good likelihood that a permit would be issued for this application? I have attached a gps file of the segment of trail and the coordinates for the crossing are:

45.406968  
-91.559199

Thanks  
Jeff

--

Deputy Jeff Wolfe #316  
Recreation Deputy/Trail Coordinator  
Barron County Sheriff's Department  
1420 Highway 25 N.  
Barron, WI 54812  
(715)537-3106

### Skip the Trip!

Call Barron County first or visit

[www.barroncountywi.gov](http://www.barroncountywi.gov)

to see if you can do business remotely



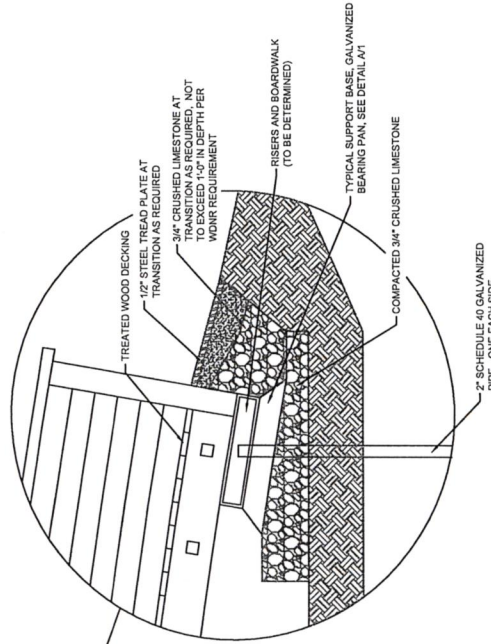
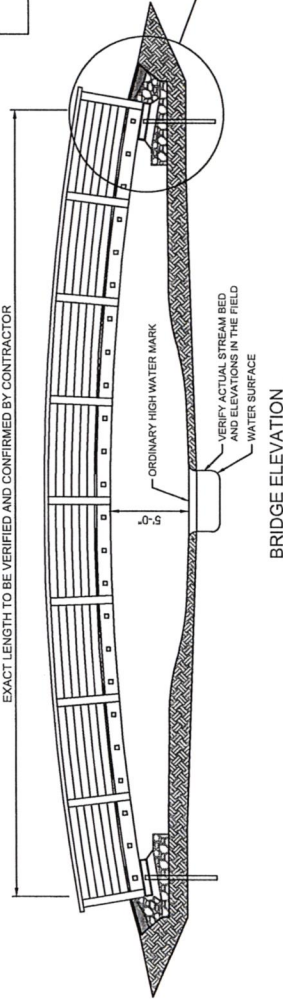
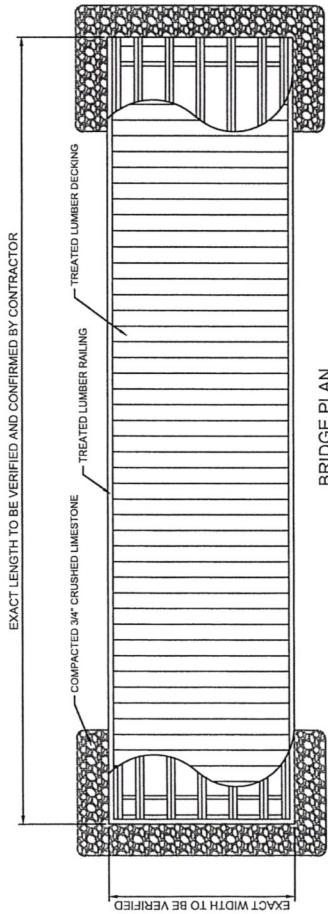


**GENERAL NOTES:**

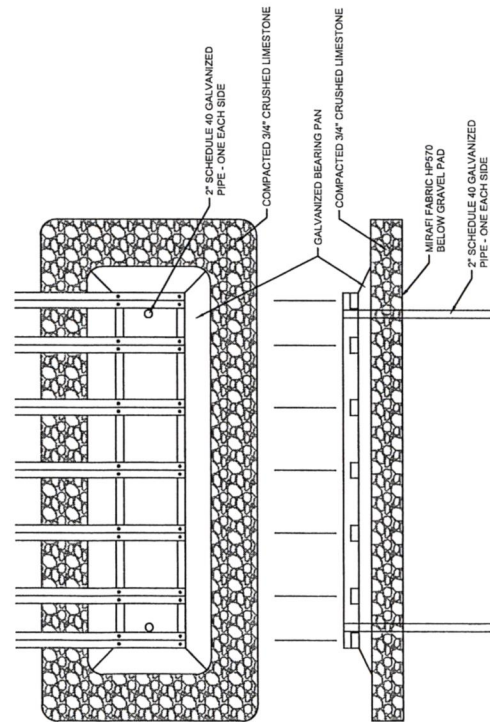
1. BARRON COUNTY IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS OR METHODS OR FOR SUPERVISION OF CONSTRUCTION. BARRON COUNTY SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO BRIDGE FABRICATION. ANY DIMENSIONAL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF BARRON COUNTY PRIOR TO PROCEEDING WITH FABRICATION OF THE BRIDGE. FINAL PLANS AND SPECIFICATIONS SHALL BE STAMPED ENGINEERED DRAWINGS APPROVED BY A WISCONSIN REGISTERED STRUCTURAL ENGINEER OR PREVIOUSLY APPROVED DRAWINGS.
2. ALL WORK IS TO BE PERFORMED IN A SAFE AND WORKMANLIKE MANNER IN COMPLIANCE WITH THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND ALL STATE OF WISCONSIN BUILDING CODES AND ZONING ORDINANCES AS THEY MAY PERTAIN TO THIS PROJECT. THE CONTRACTOR MUST COMPLY WITH ALL WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) AND ARMY CORPS OF ENGINEERS RULES AND REGULATIONS AS WELL AS ALL APPLICABLE PERMITS FROM THE WISCONSIN DNR AND ARMY CORPS OF ENGINEERS AND BARRON COUNTY PRIOR TO CONSTRUCTION. CONTRACTOR MUST ADHERE TO THE WDNR CHAPTER 30 PERMIT AND THE BARRON COUNTY SHORELINE EROSION CONTROL PERMIT REQUIREMENTS WHILE COMPLETING THE CONSTRUCTION OF THE BRIDGE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING DURING HANDLING OF THE BRIDGE.

**SITE WORK:**

1. CONTRACTOR IS TO PROVIDE FINAL BRIDGE DESIGN WITH NECESSARY APPROACHES AND STRUCTURAL ELEMENTS FOR APPROVAL BY BARRON COUNTY.
2. THE CONTRACTOR IS TO VERIFY ALL CONDITIONS AT THE SITE, PARTICULARLY THE LOCATION OF ANY UNDERGROUND UTILITIES BEFORE EXCAVATION OR BEFORE CONSTRUCTION OF THE BRIDGE TO THE BENEFIT OF BARRON COUNTY.
3. THE CONTRACTOR IS RESPONSIBLE FOR SOIL COMPACTION TESTING AND FOR PROVIDING A BRIDGE DESIGN TO MEET THE SOIL TYPE.
4. THE BEARING ELEVATION OF THE BRIDGE SHALL BE SET IN AN ELEVATION SUCH THAT THE MINIMUM BOTTOM CHORD ELEVATION OF THE BRIDGE SHALL BE 5'-0" ABOVE THE ORDINARY HIGH WATER MARK. THE ORDINARY HIGH WATER MARK IS THE POINT ON THE BANK OR SHORE UP TO WHICH THE PRESENCE AND ACTION OF THE WATER IS SO CONTINUOUS AS TO LEAVE A DISTINCT MARK EITHER BY EROSION, DESTRUCTION OR TERRESTRIAL (LAND) VEGETATION, OR OTHER EASILY RECOGNIZED CHARACTERISTIC.



AT GRADE BANK APPROACH DETAIL



Toll Free (800) 242-8511 or 811  
Emergency (602) 432-7910 or (877) 550-9592  
Hearing Impaired TDD (800) 542-2289  
www.diggershotline.com































