

## #32 Marinette Holmes Creek Bridge

State of Wisconsin  
 Department of Natural Resources  
[dnr.wi.gov](http://dnr.wi.gov)

### Motorized Recreation Grant Application

**For:** (choose all that apply) Form 8700-159 (R 02/2024)

- Page 1 of 5
- 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 <b>Marinette County</b>				Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input checked="" type="checkbox"/> Select if the same as applicant.			
Individual Authorized to Act on Behalf of Applicant per Resolution <b>Ryan Bourassa</b>				Check Recipient Name (Name to Appear on Check) <b>Ryan Bourassa</b>			
Title <b>Forestry Administrator</b>				Title <b>Forestry Administrator</b>			
Address <b>1926 Hall Ave</b>				Address <b>1926 Hall Ave</b>			
City <b>Marinette</b>	State <b>WI</b>	ZIP Code <b>54143</b>		City <b>Marinette</b>	State <b>WI</b>	ZIP Code <b>54143</b>	
Telephone Number <b>(715) 732-7526</b>			Email Address <b>ryan.bourassa@marinettecountywi.gov</b>				

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

Project Title <b>Holmes Creek Crossing</b>					Current Funded Miles		New Miles (if applicable)	
County <b>Marinette</b>	Township <b>34 N</b>	Range <b>21</b>	Section <b>9</b>	¼ ¼ <input checked="" type="radio"/> E <input type="radio"/> W	¼ <b>NW</b>	¼ <b>SE</b>	GPS Coordinates: Lat. <b>45.42815</b> Long. <b>-87.882306</b>	

#### Project Description Summary

The Holmes Creek Crossing Project is to replace a non-traditional (semi trailer bed) creek crossing with a properly designed/engineered bridge which will not only ensure public safety to those recreating on the County Snowmobile Trail System, but will allow for trail grooming operations to, and across the creek crossing. Currently, grooming operations occur up to the crossing, but not across the crossing as the current structure does not support grooming equipment.

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

#### Estimated Cost

Maintenance	Acquisition <b>\$67,000.00</b>	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost <b>\$67,000.00</b>
Leave Blank – DNR Use Only						

#### Applicant Certification

Printed Name of Authorized Official <b>Ryan Bourassa</b>	Official's Title <b>Forestry Administrator</b>
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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

**04-11-2024**  
 \_\_\_\_\_  
 Date Prepared

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

Bridge Rehab/Replace     New Bridge     Reroute with new bridge

County Marinette	Township 34 N	Range 21	Section 9	¼ ¼ NW	¼ SE	GPS Coordinates: Lat. 45.42815 Long. -87.882306
Water Body Name Holmes Creek			Bridge Name NA		County Inventory Number NA	
Funded Trail Name or Number (SNARS if applicable) Corridor 1			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 checked="" type="radio"/> Private property <input type="radio"/> Public property			Old Bridge/Culvert Size <u>30' x 8' Semi Trailer Bed</u> New Bridge/Culvert Size <u>50' Arched Bridge x 12' Wide - 25,000#</u>			
Landowner Where Bridge is Located JEFFERY & JUDITH ENGELMANN			Telephone Number (715) 923-5669		Length of Trail Use Agreement (5 year minimum) TBD - 10 year minimum	
Current maximum load _____ lbs.		Age of Bridge Unknown		Bridge Material Semi Trailer Bed		
Proposed maximum load <u>25,000</u> lbs.						
Sponsoring Club Name Ranger City Riders			Club Contact Jeff Schwaller		Telephone Number (715) 927-5160	
Do you have your trail bridges posted as to maximum load? <input type="radio"/> Yes <input checked="" type="radio"/> No			What is the maximum load of the other bridges on the system if groomed with this bridge? No other known bridges on Corridor 1			
What is the weight of your puller & drag/grading equipment? Approximately 12,000#s						
What other recreational trail uses are planned for this bridge? Bridge will most likely be used by private landowner during the off season/summer months.						
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? NA						

- Yes  No Have you contacted your local DNR Water Management Specialist (WMS) regarding a permit?
- Yes  No Is a permit needed? (Please provide any written correspondence from WMS.)
- Yes  No Have you contacted your County Zoning Dept. regarding a floodplain determination?
- Yes  No Will an H & H (hydrologic and hydraulic) study be required?

**Bridge Project Detailed Description**

Maximum load of current crossing structure (semi trailer bed) is unknown.

Upon award of a Motorized Recreational Grant, the landowner, Jeff Engelmann, is willing to enter into a 10 year minimum deeded easement with the County to cross his property for all portions of the snowmobile trail, including the crossing location, from Betts Road to Pike River Road. Jeff acknowledges the bridge installed with an awarded Motorized Recreational Grant would be owned by the County, see attached supporting document.

Upon a deeded easement being recorded, the crossing would be referred to the local DNR Water Management Specialist to initiate the permitting process as Holmes Creek would require permitting for the installation of the proposed bridge. The removal of the existing bridge will most likely be the obligation of the landowner with purchase and installation of the new bridge, covered under this application, to be completed by the awarded contractor.

The Marinette County Zoning Dept. was contacted regarding a floodplain determination of the location of crossing. The current elevation of the crossing will need to be raised, 1-2 ft in elevation, to be adequately above the floodplain. This is anticipated to be accomplished with an increase in fill material for the approach/base of the bridge on either side of Holmes Creek. However, the volume of material anticipated to be needed to raise the crossing structure above flood plain levels is not expected to be great enough to require a H & H (hydrologic and hydraulic) study.

**Appendix A (continued)**

**Summarize Costs in Appropriate Categories:**

**Bridge Structure**

	Quote 1	Quote 2
	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:	<u>50' long x 12' wide</u>	<u>50' long x 12' wide</u>
Bridge Manufacturer:	<u>CUSTOM MANUFACTURING, INC</u>	<u>ANDERSON</u>
Design Weight Load	<u>25,000 lbs.</u>	<u>25,000 lbs.</u>
Cost of Structure:		
1. Engineering	\$ <u>3,500</u>	\$ <u>4,000</u>
2. Structure	\$ <u>98,200</u>	\$ <u>44,000</u>
<b>Subtotal</b>	<b>\$ <u>101,700</u></b>	<b>\$ <u>48,000</u></b>

	Quote 1	Quote 2
	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate
<b>Installation Costs:</b>		
1. Engineering	\$ _____	\$ _____
2. Site Preparation	\$ <u>2,400</u>	\$ <u>5,000</u>
3. Abutments	\$ _____	\$ <u>7,000</u>
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ <u>2,000</u>
7. Labor	\$ <u>18,500</u>	\$ <u>5,000</u>
8. Equipment Rental	\$ <u>1,800</u>	\$ _____
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other <u>Delivery</u>	\$ <u>1,500</u>	\$ _____
<b>Subtotal</b>	<b>\$ <u>24,200</u></b>	<b>\$ <u>19,000</u></b>
<b>Total Cost</b>	<b>\$ <u>125,900</u></b>	<b>\$ <u>67,000</u></b>

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

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

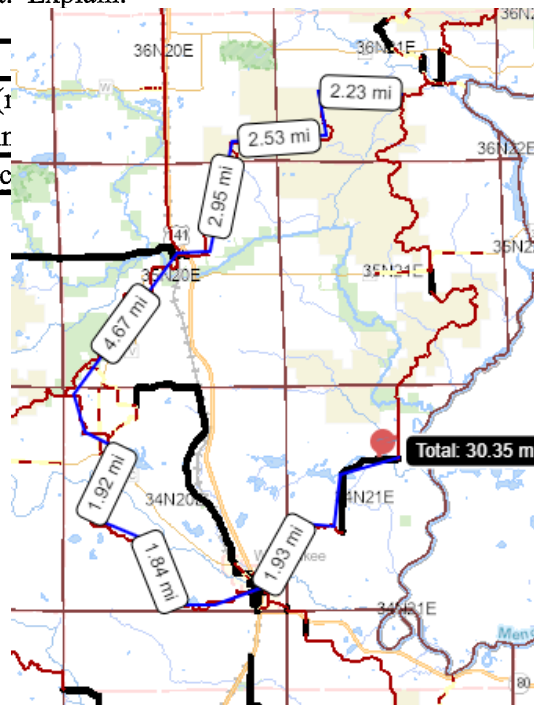
Bridge Dimensions:	_____
Design Weight Load	_____ lbs.
1. Materials	\$ _____
2. Labor	\$ _____
<b>Total</b>	<b>\$ _____</b>

**Guidelines for Applicant**

Complete this form for each bridge structure you are submitting a grant application for. Provide any additional documents not requested on application checklist to substantiate your points, including actual deeded easements.

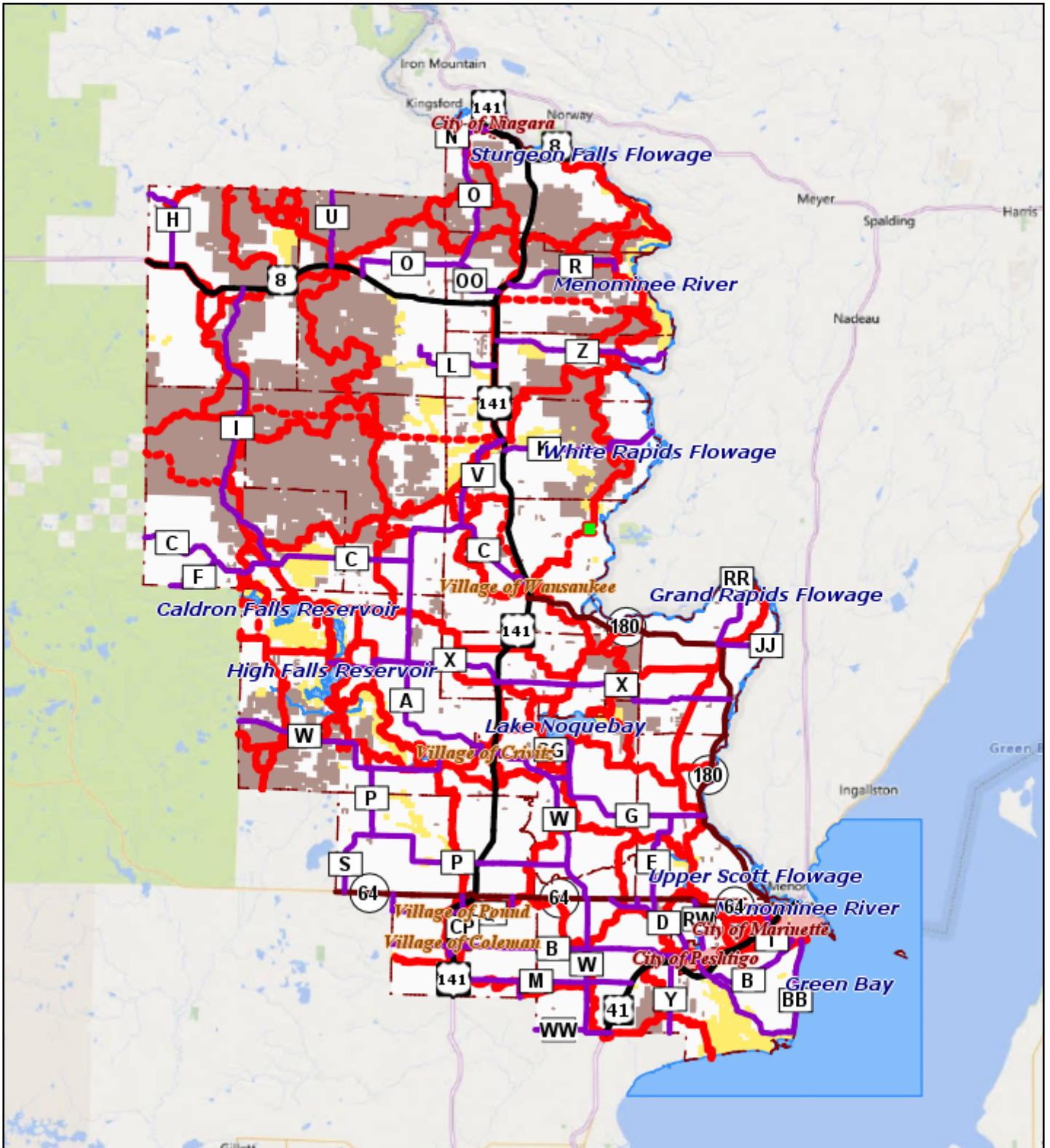
Category		Possible Points	Actual Points
<b>1</b>	<b>Condition of the Structure</b> (max of 10 points)		
	Has a certified bridge inspection report that supports the project & demonstrates need (see example, must provide copy of report by August 1 for 2024 only)	10	
<b>2</b>	<b>Permits</b> (maximum points 4)		
	Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	1	/
	Permit in hand / Bridge already permitted	3	
<b>3</b>	<b>Funding</b> (maximum points 2) Are other funds already committed?		
	50% or greater from other funding source(s)?	2	-
	11% - 49% from other funding source(s)?	1	-
<b>4</b>	<b>Length of Written Easements or Land Use Agreement</b> (max points 5)(ch. 23.09(26)(am)1 WI Stats)		
	On public land (County, State, Federal)	5	
	10 or more year <b>deeded easement</b> on private land or other public land, for <u>all portions of that trail to the nearest road on each side of the bridge</u>	5	5
	3-9 year <b>deeded easement</b> on private land or other public land, for <u>all portions of that trail to the nearest road on each side of the bridge</u>	4	
	10 or more year <b>deeded easement</b> on private land or other public land, for <u>just the bridge site</u>	3	
	3-9 <b>deeded easement</b> on private land or other public land, for just the bridge site	2	
	10 or more year land use agreement (LUA, not deeded) on private land or other public land	1	
	3-9 year land use agreement (LUA, not deeded) on private land or other public land	0	
<b>5</b>	<b>Miles Impacted</b> – How many miles will need to rerouted if the structure is not replaced? Measured from nearest intersection on both sides of the bridge. (max 4 points)		
	Less than 20 miles	1	xxx
	20 miles or more <b>Nearest funded bypass is 30 miles around to the west.</b>	3	3
	No other snowmobile trails connect. Explain:	4	
<b>6</b>	<b>County Active Project Deduction</b> (if project is one that has exceeded it's ir		
	Two or more active projects - deduc	-1	
<b>TOTAL</b>			<del>7</del>

Comments/Notes:



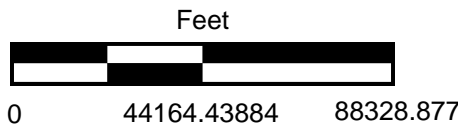
9

# Holmes Creek Crossing - Reference Map



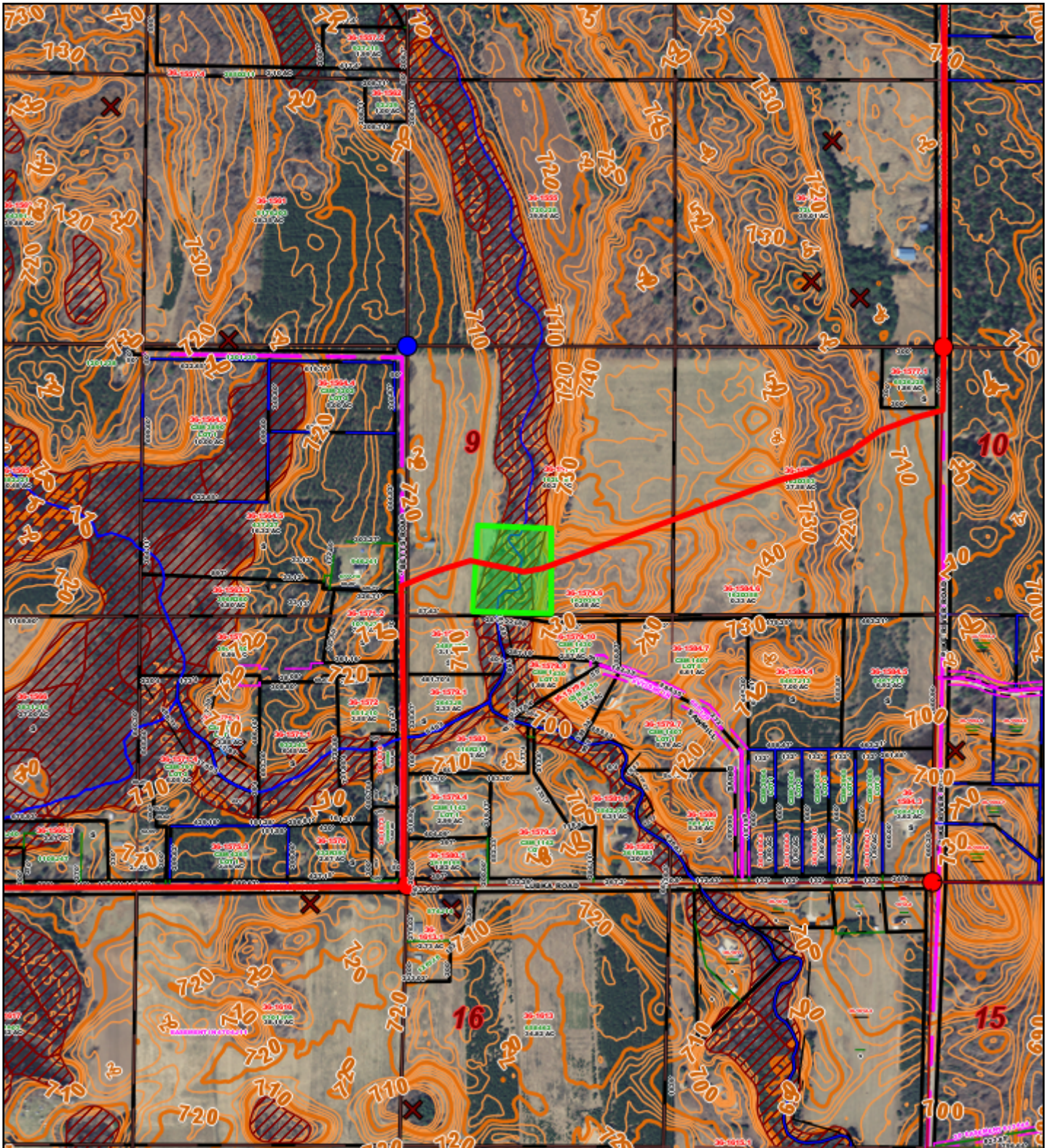
<https://mcgis.marinettenetcounty.com>

4/7/2024 12:58:24 PM



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# Holmes Creek Crossing - 2ft Contour/Wetland/Plat



<https://mcgis.marinettencounty.com>

4/11/2024 10:16:47 AM



Feet



0 690.0671269 1380.1342



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# Custom Manufacturing, Inc.

606 Delco Drive, P.O. Box 279

Clinton, WI 53525

608-676-2282 Fax: 608-676-2283

tina@custommfginc.com

# Quotation 6417

Please Indicate The Above Number When Ordering

To: Marinette County Forestry Department  
1926 Hall Ave.  
Marinette, WI 54143

Date: February 22, 2024	Salesperson: Tina Forrest
Inquiry Date:	Inquiry Number

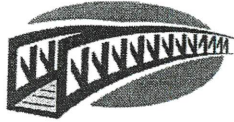
Estimated Ship Date 8 – 12 weeks	Shipped VIA Best way	F.O.B Clinton, WI	Terms Net 30	
Description		Price	Total	
1	2024 GRANT APPLICATION ESTIMATE Betts Rd - Wausaukee			
	50' Arched Bridge x 12' Wide - 25,000# Load w/ 2 – 15' Approaches - Double Decked - 42" Horizontal Railing – Hardware On 2 sets of Galvanized Sill Pans		\$ 98,200.00	
	Stamped Engineered Drawings		3,500.00	
	Removal & Disposal Existing Bridge		2,400.00	
	Installation & Site Preparation(Rip Rap)		18,500.00	
	Equipment Rental		1,800.00	
	Delivery Charges		1,500.00	
	Total			\$125,900.00
	Above prices do not include sales tax or any necessary permits.			
	Bridge kit includes all Steel I-Beams and Crossmembers, which are predrilled and have a red oxide primer finish, MCA Southern Yellow Pine treated lumber and all hardware. All lumber is Pre Stained.			
	Bridge Kit Meets - WI DNR Guidelines – 25,000# Load			

We are pleased to submit the above quotation for your consideration. Should you place an order, be assured it will receive our prompt attention. This quotation is valid for 30 days. Thereafter it is subject to change without notice.

BY: Tina Forrest

ACCEPTED: \_\_\_\_\_

DATE: \_\_\_\_\_



**ANDERSON**  
BRIDGES

111 Willow Street  
Colfax, WI 54730  
(715) 962-2800  
FAX: (715) 962-2801

# PROPOSAL

September 14, 2023

To: Marinette County Snowmobile Trail Administrator

Re: Ranger City Riders Snowmobile Bridge Budget

- 1 - **50' x 12' (clear width) arched steel truss bridge**
  - Design Standards: **AASHTO**
  - Diagonals per Panel: **1**
  - Clear width: **Inside face structural elements at deck level**
  - End Vertical: **Square**
  - Bearings: **Equal Elevations**
  - Steel Grade: **A588**
  - Deck: **#1 Southern Yellow Pine (.40 ACQ)**
  - Safety Rails: **Horizontal (4" opening)**
  - Installation: **Steel Piling**
  - Loads: **85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load**
  - FOB: **Marinette Co., WI**
  - Engineered Drawings State Seal: **Wisconsin**

Price	\$67,000
• Structure (Steel Truss)	\$44,000
• Engineering	\$4,000
• Soil Testing	\$0
• Site Prep	\$5,000
• Abutments	\$7,000
• Labor	\$5,000
• Rip Rap	\$2,000

\*\*\*\*\*This price is for budgetary purposes only\*\*\*\*\*

Please call with any questions.

Thank you,

Kory S. Weathers