

## #12 Ashland Bridge 6 Replacement

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

**Due Date: April 15**

- ATV/UTV Trail Aid  
 Snowmobile Trail Aid

**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>Ashland County</b>				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 <b>Chris Hoffman</b>				Check Recipient Name (Name to Appear on Check)			
Title <b>Forest Administrator</b>				Title			
Address <b>PO Box 155, 304 W. Michigan St.</b>				Address			
City <b>Butternut</b>		State <b>WI</b>	ZIP Code <b>54514</b>	City		State	ZIP Code
Telephone Number <b>715-769-3777</b>		Email Address <b>chris.hoffman@ashlandcountywi.gov</b>					

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

Project Title <b>Trail #13, Bridge #6</b>						Current Funded Miles	New Miles (if applicable)
County <b>Ashland</b>	Township <b>42 N</b>	Range <b>1</b>	Section <b>31</b>	¼ ¼ <b>SW</b>	¼ <b>NE</b>	GPS Coordinates: Lat. <b>46.079613</b> Long. <b>-90.534935</b>	

#### Project Description Summary

- Located approximately 5 miles NNE of Butternut, off Highway 13, Griffith Road.
- Landowner is Walter Juedes Trust
- Bridge inspection indicates bridge needs to be closed immediately and not used. Bridge needs to be replaced

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

#### Estimated Cost

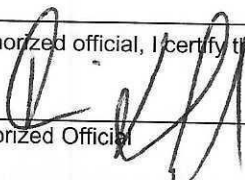
Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
Leave Blank – DNR Use Only						
				<b>\$107,500</b>		<b>\$107,500</b>

#### Applicant Certification

Printed Name of Authorized Official <b>Chris Hoffman</b>	Official's Title <b>Ashland County Forest 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



Date Prepared

4.2.2024

## Motorized Recreation Grant Application

Form 8700-159 (R 02/2024)

Page 3 of 5

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

Bridge Rehab/Replace    
  New Bridge    
  Reroute with new bridge

County Ashland	Township 42 N	Range 1	<input type="radio"/> E <input checked="" type="radio"/> W	Section 31	¼ ¼ SW	¼ NE	GPS Coordinates: Lat. 46.079613 Long. -90.534935
Water Body Name Schraum Creek				Bridge Name Trail 13, Bridge 6		County Inventory Number	
Funded Trail Name or Number (SNARS if applicable) 13				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    45'			
				New Bridge/Culvert Size    70'			
Landowner Where Bridge is Located Walter Juedes Trust				Telephone Number		Length of Trail Use Agreement (5 year minimum)	
Current maximum load		Unknown lbs.		Age of Bridge		Bridge Material	
Proposed maximum load		25000 lbs.		Unknown		Wood	
Sponsoring Club Name Ashland County Snowmobile Alliance				Club Contact Jim Meisenheimer		Telephone Number 618-567-6805	
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? Unknown			
What is the weight of your puller & drag/grading equipment? Approx. 17000 lbs							
What other recreational trail uses are planned for this bridge? None							
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users?							

- 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**

Replace bridge per inspection report.

**Appendix A (continued)**

**Summarize Costs in Appropriate Categories:**

**Bridge Structure**

	Quote 1	Quote 2
Bridge Dimensions:	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden 70'x12'	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden 55'x12'
Bridge Manufacturer:	Anderson Bridges	Custom Manufacturing
Design Weight Load	25000 lbs.	25000 lbs.
Cost of Structure:		
1. Engineering	\$ 4000	\$ 3500
2. Structure	\$ 74000	\$ 120000
<b>Subtotal</b>	<b>\$ 78,000</b>	<b>\$ 123,500</b>

	Quote 1	Quote 2
Installation Costs:	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate
1. Engineering	\$ _____	\$ _____
2. Site Preparation	\$ 5000	\$ 17600
3. Abutments	\$ 10000	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ 2000	\$ _____
7. Labor	\$ 5000	\$ _____
8. Equipment Rental	\$ _____	\$ 2700
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other <u>Demolition, Delivery</u>	\$ 7500	\$ 3600, 1500
<b>Subtotal</b>	<b>\$ 29,500</b>	<b>\$ 25,400</b>
<b>Total Cost</b>	<b>\$ 107,500</b>	<b>\$ 148,900</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 \$ \_\_\_\_\_

**Total** \$ \_\_\_\_\_

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
1	<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	10
2	<b>Permits</b> (maximum points 4)		
	Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	1	1
	Permit in hand / Bridge already permitted	3	
3	<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	
4	<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</u> on each side of the bridge	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</u> on each side of the bridge	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
	3-9 <b>deeded easement</b> on private land or other public land, for <u>just the bridge site</u>	2	
	10 or more year land use agreement (LUA, not deeded) on private land or other public land	1	xxx
	3-9 year land use agreement (LUA, not deeded) on private land or other public land	0	
5	<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	3	3
	No other snowmobile trails connect. Explain:	4	
<b>DEDUCTIONS</b>			
6	<b>County Active Project Deduction</b> (maximum deduction 1 point) A snowmobile active project is one that has exceeded it's initial grant period.		
	Two or more active projects - deduct 1 point	-1	
<b>GRAND TOTAL</b>			13 xxx

13  
xxx  
17

Comments/Notes:

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

# PROPOSAL

March 27, 2024

To: Ashland County Snowmobile Trail Administrator

Re: Butternut and Schraum Creek Snowmobile Bridge Budget

- 1 - **70' 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/A847 (Unpainted self-weathering)**
  - Deck: **#1 Southern Yellow Pine (.40 MCA)**
  - Safety Rails: **Horizontal (4" opening)**
  - Installation: **Steel piling abutments**
  - Loads: **85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load**
  - FOB: **Ashland County, WI**
  - Engineered Drawings State Seal: **Wisconsin**

Price-----\$107,500 (each)

• <b>Structure (Steel Truss)</b>	<b>\$74,000</b>
• <b>Engineering</b>	<b>\$4,000</b>
• <b>Soil Testing</b>	<b>\$0</b>
• <b>Site Prep</b>	<b>\$5,000</b>
• <b>Abutments</b>	<b>\$10,000</b>
• <b>Labor</b>	<b>\$5,000</b>
• <b>Rip Rap</b>	<b>\$2,000</b>
• <b>Demolition</b>	<b>\$7,500</b>



**Custom Manufacturing, Inc.**  
 606 Delco Drive, P.O. Box 279  
 Clinton, WI 53525  
 608-676-2282 Fax: 608-676-2283  
 tina@custommfginc.com

# Quotation

6459

Please Indicate The Above Number When Ordering

To: Ashland County Snowmobile Alliance  
 P.O. Box 345  
 Mellen, WI 53546

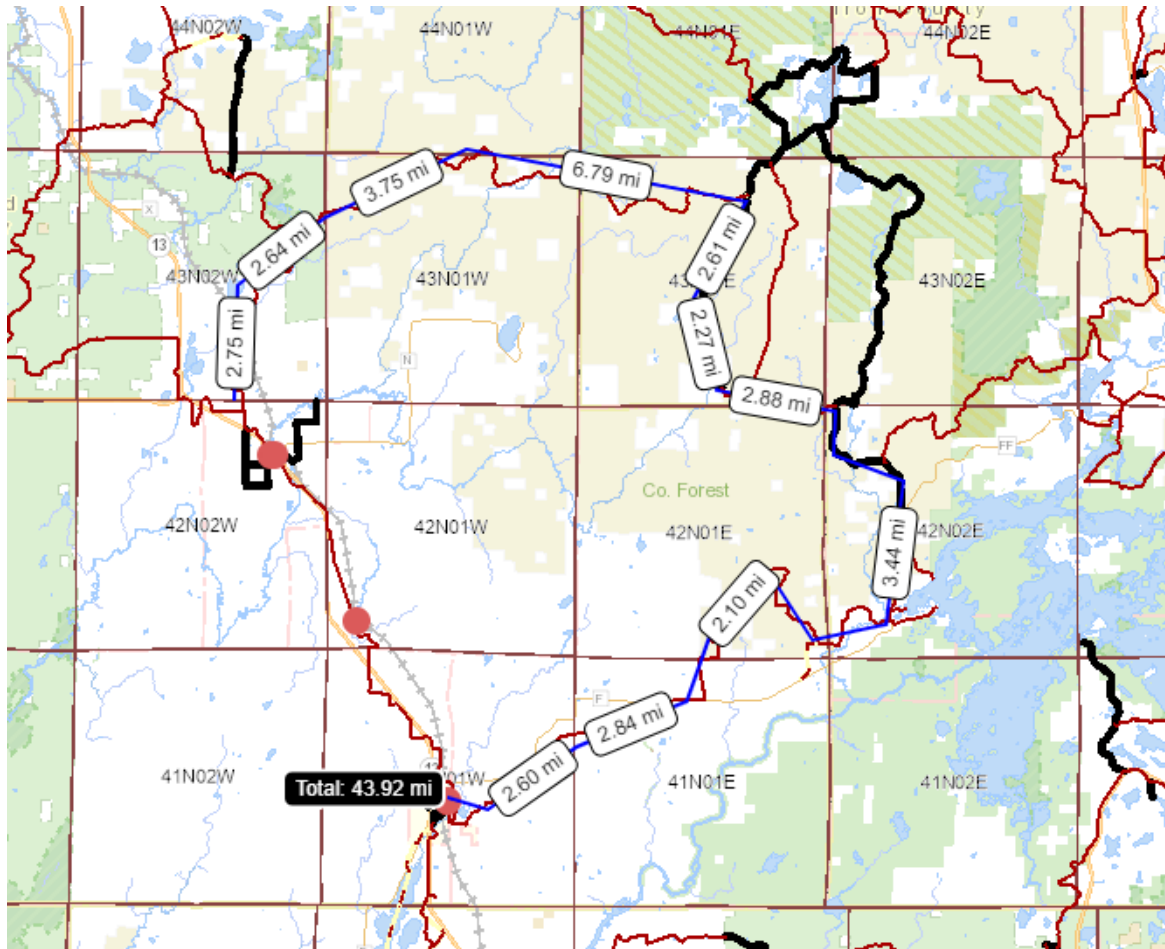
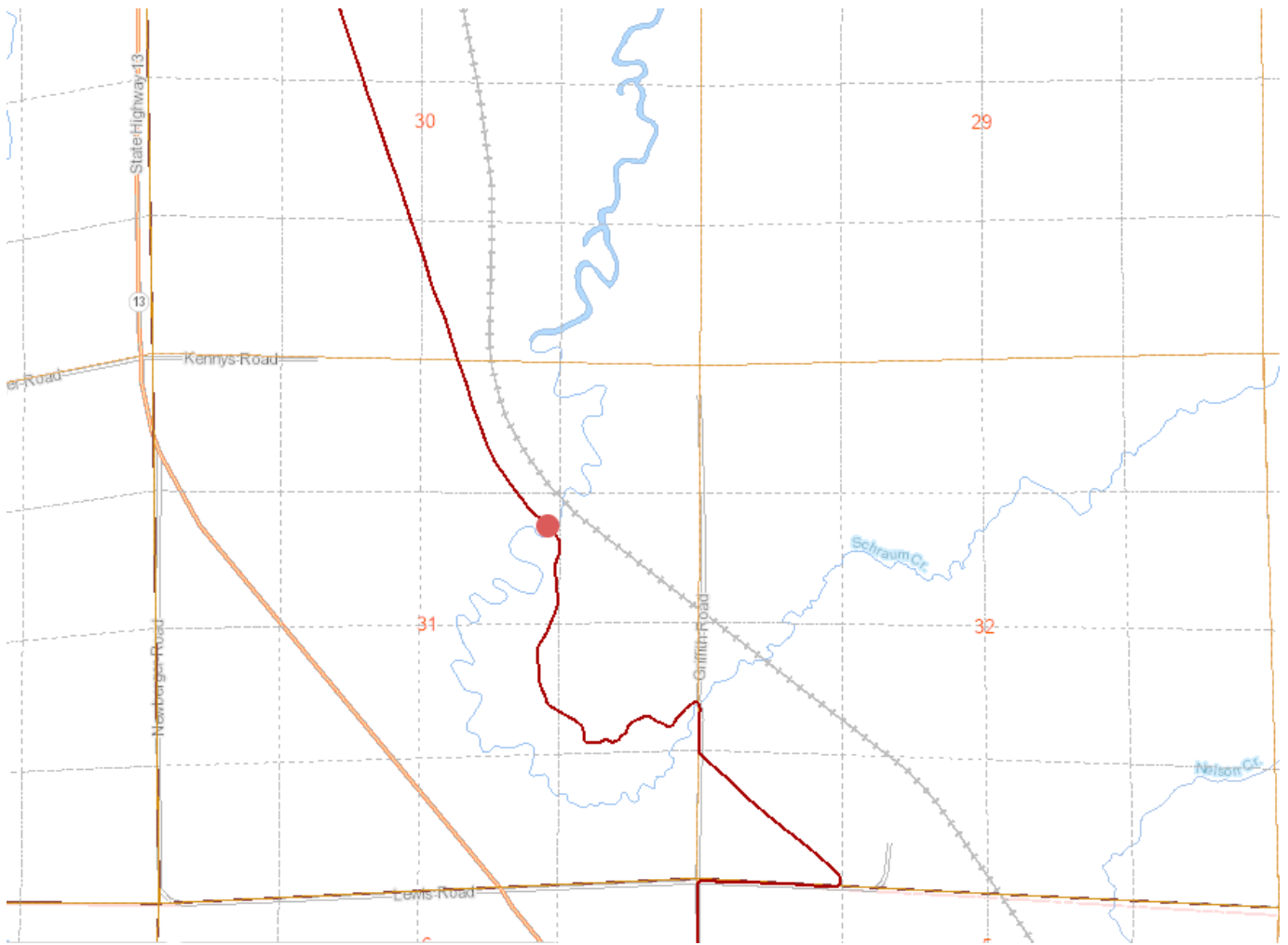
Date: March 28, 2024	Salesperson: Tina Forrest
Inquiry Date:	Inquiry Number

Estimated Ship Date	Shipped VIA	F.O.B	Terms
8 - 12 weeks	Best Way	Clinton, WI	Net 30
	Description	Price	Total
1	2024 GRANT APPLICATION ESTIMATE Bridge #6  55' Arched Bridge x 12' Wide - 25,000# Load With 2 - 20' Approaches - Total 95' Double Decked - 42" Horizontal Railing - Hardware On 2 sets of Galvanized Sill Pans	\$ 120,000.00	
	Stamped Engineered Drawings	3,500.00	
	Installation & Site Preparation (Gravel/Rip Rap)	17,600.00	
	Equipment Rental	2,700.00	
	Removal & Disposal (Dumpsters) of Existing Bridge	3,600.00	
	Delivery Charges	1,500.00	
	Total		\$ 148,900.00
	The 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.

*Tina Forrest*

BY: \_\_\_\_\_ ACCEPTED: \_\_\_\_\_ DATE: \_\_\_\_\_



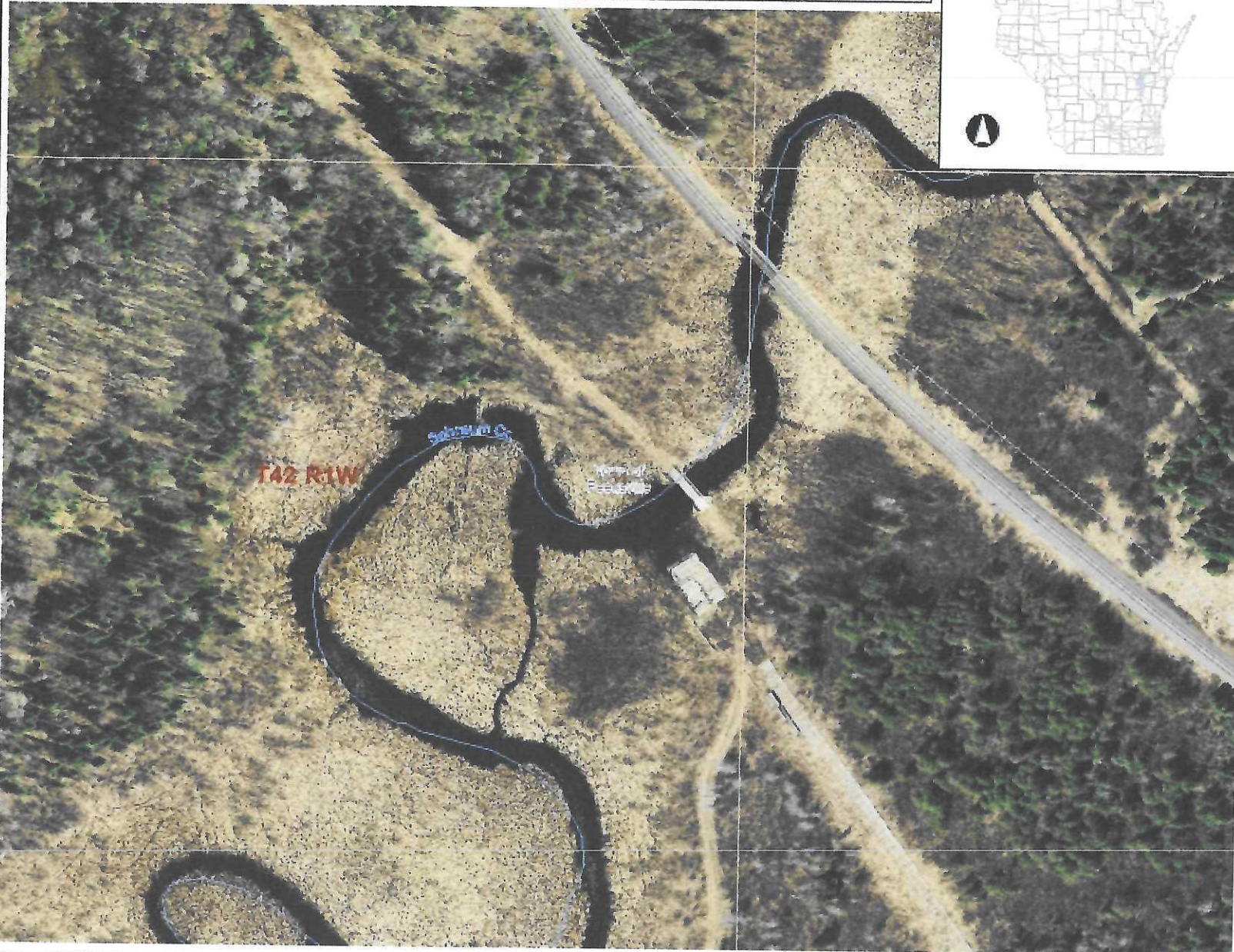


# Surface Water Data Viewer Map



## Legend

- Township
- Section
- Quarter-Quarter
- County Boundary
- Cities, Towns & Villages**
  - City
  - Village
  - Civil Town
- Railroads



0.1                      0                      0.03                      0.1 Miles

NAD\_1983\_HARN\_Wisconsin\_TM

1: 1,980

**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





# Surface Water Data Viewer Map



## Legend

- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points**
- Dammed pond
- Excavated pond
- Filled/drained wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points**
- Dammed pond
- Excavated pond
- Filled/drained wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations
- Township
- Section
- Quarter-Quarter
- County Boundary
- Cities, Towns & Villages**
- City
- Village
- Civil Town



NAD\_1983\_HARN\_Wisconsin\_TM

1: 7,920

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## Notes

Bridge #6

10 YEAR EASEMENT  
BRIDGE INSTALLATION-REPLACEMENT

KNOW ALL MEN OF THESE PRESENTS, that the undersigned Walter J. Juedes Trust

(name of owner)

For ONE DOLLAR and other good and valuable consideration, the receipt of which is hereby acknowledged, does hereby grant, sell and convey unto ASHLAND COUNTY, WISCONSIN, its successors and assigns, a 10-year easement to maintain, repair, replace and/or remove a bridge

used for SNOWMOBILES to cross my land:

Walter J. Juedes Trust, owner that is located on the

(name of

owner)

property described as follows:

Located on the Parcel 296681, in the SW 1/4 of the NE 1/4

(water

body)

of Section 31, Township T42N (N), Range R01W E, (W)

Ashland County,

(Town or Village Term)

(Town or Village Name)

It is intended by these presents to grant unto the County of Ashland the 10-year right to maintain, repair, operate, inspect, replace and remove the aforementioned bridge located on the above mentioned property with the right of ingress and egress to and from the same, to make such repairs, changes, alterations, improvements, removals from, substitutions and additions to said bridge as Grantee may from time to time deem advisable.

IN WITNESS WHERE OF,

Walter J. Juedes have set their hands and seals

(name of owner)

this April 7 day of 2024

WALTER JUDES

Walter Judes

(Printed Name of Owner)

(Signature of Owner)

ACKNOWLEDGEMENT STATE OF WISCONSIN, COUNTY

OF Winnebago

I, Walter Judes, a Notary Public in and for the above County and State, hereby certify that on this

7 day of April, 2024,

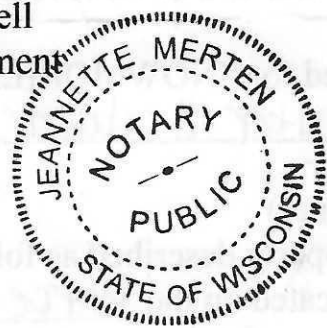
before me personally appeared

Jeannette Merten to me well

known to be the person who executed the foregoing instrument and acknowledged the same.

Notary Public, Jeannette Merten Winnebago County, WI

My Commission Expires: 10-2-2024





# Trail Bridge Inspection

## Ashland County

**Bridge Name**

Ashland 6

**Inspected By:**

Patrick Hampston, P.E.

02/25/2024

**Prepared By**

KBIS, LLC





## Bridge Inspection Report

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### General Information

The structure in this report was inspected by certified Wisconsin Department of Transportation Bridge Inspectors. Patrick Hampston, P.E. is a Bridge Inspection Team Leader and NSTM certified inspector.

The bridge was inspected with trail use in mind, using normal vehicle bridge standards to determine the condition of the structure.

All recommendations made in the report are also considering the use of the trail. Trail bridges in general should have a load rating considering all the possible uses of the structure. Even though the bridges may be just for snowmobiles, several types of vehicles may use the structure. A load rating is provided in conjunction with this report.

### Location information/General Description:

Lat and Long: 46.079613, -90.534935

### Bridge Condition

Condition State (CS) 1-Good, CS2-Fair, CS3-Poor, CS4-Critical

South bridge ahead sign CS3 faded, north CS2.

Object markers: West 2 are map cracked, East 2 are map cracked and NE minor damage.

Entire deck has CS3 rot throughout with multiple CS4 open holes.

Approach ramp rails are CS3 loose and wobbly. Upstream bridge rail has 3 broken posts and is loose.

Downstream rail is solid.

Girders are checked, weathered, and have some edge wane, CS2. Approach span girders are insufficiently supported on the backwall of the main span, CS2 material condition.

Both pile caps are split through and tilted backwards. The south pile cap has a severe tilt and is no longer bearing on the piles. Piling are mainly solid. 2nd pile from upstream has moderate delamination at the waterline. All pile tops are tipping inward. North backing boards are undermined slightly. There is no riprap at either abutment.



W7218 Hickory Lane  
Phillips, WI 54555  
wm.kbis@gmail.com  
715.820.0095

## Bridge Inspection Report

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### Report Summary

#### **NBI Ratings: 9-7 Good, 6-5 Fair, 4-3 Poor, 2-1 Critical, 0-Closed**

Deck	# 3
Superstructure	# 6
Substructure	# 3
Channel	# 7

Overall Condition      Poor

#### **Recommendations/Maintenance Items:**

- \*\*\*\*Recommend closure and full replacement
- Replace all bridge ahead and object marker signs
- Replace deck / rails
- Replace / reset pile cap
- Load rate superstructure if it is to remain in service.

Signed By:

---

Patrick Hampston, P.E.

## Bridge Inspection Report

### Photo Observations



South approach

## Bridge Inspection Report

### Photo Observations



North Approach



## Bridge Inspection Report

### Photo Observations



Top of deck and rails

## Bridge Inspection Report

### Photo Observations



Entire deck rotten

## Bridge Inspection Report

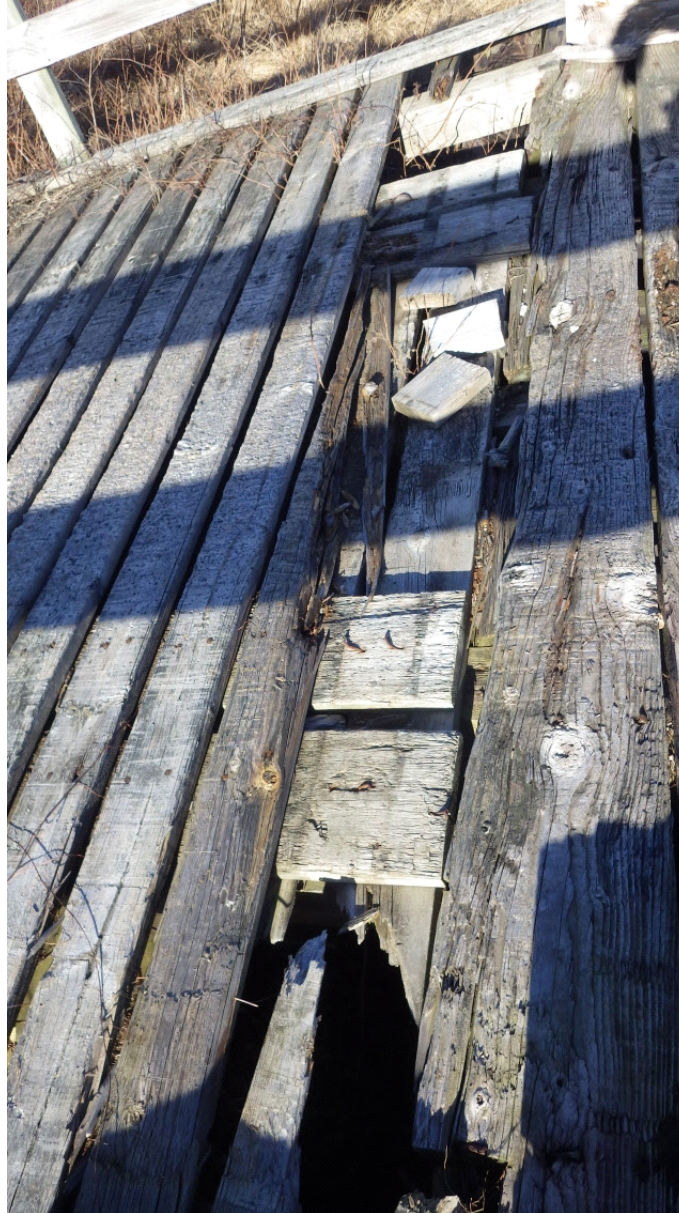
### Photo Observations



Large holes in deck

## Bridge Inspection Report

### Photo Observations



Large holes in deck

## Bridge Inspection Report

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### Photo Observations



Looking upstream

## Bridge Inspection Report

### Photo Observations



Looking downstream

## Bridge Inspection Report

### Photo Observations



Broken rail post, upstream side

## Bridge Inspection Report

### Photo Observations



Elevation view from upstream



## Bridge Inspection Report

### Photo Observations



West end of south pile cap, severe tilt backwards

## Bridge Inspection Report

### Photo Observations



South pile cap, no bearing on piles

## Bridge Inspection Report

### Photo Observations



South pile cap no bearing on piles

## Bridge Inspection Report

### Photo Observations



Underside of deck and superstructure

## Bridge Inspection Report

### Photo Observations



North abutment elevation (undermined backing boards)

## Bridge Inspection Report

### Photo Observations



South abutment elevation

## Bridge Inspection Report

### Photo Observations



East end of south pile cap split through and severe tilt backwards

## Bridge Inspection Report

### Photo Observations



Elevation view from downstream



## Bridge Inspection Report

### Photo Observations



East end of north pile cap split through and moderate tilt backwards

## Bridge Inspection Report

### Photo Observations



West end of north pile cap severely split through and moderate tilt backwards

## Bridge Inspection Report

### Photo Observations



West end of north pile cap

## Bridge Inspection Report

### Photo Observations



Broken rail posts, upstream side

## Bridge Inspection Report

### Photo Observations



Underside of approach ramps

## Bridge Inspection Report

### Photo Observations



Approach ramp girders bearing on backwall.

## Bridge Inspection Report

---

### Photo Observations



North bridge ahead sign, fair condition.