

**S-05 Tri-Co (North) Fish Creek Bridge 2 ORIGINAL APPLICATION**

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 04/22)

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 Tri-County Recreational Corridor Commission			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 Patrick Daoust			Check Recipient Name (Name to Appear on Check) Patrick Daoust		
Title Chairman			Title Chairman		
Address PO Box 254			Address PO Box 254		
City Ashland	State WI	ZIP Code 54806	City Ashland	State WI	ZIP Code 54806
Telephone Number (715) 682-0638		Email Address tricountycorridor@outlook.com			

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

Project Title Fish Creek Bridge #2					Current Funded Miles 61.2	New Miles (if applicable)
County Bayfield	Township N	Range O E O W	Section ¼ ¼	¼	GPS Coordinates: Lat. 46.572323 Long. -90.95305	

**Project Description Summary**

The decking and sub decking has failed due to deterioration of the wood, The sub decking has rotted and screws holding the decking in place no longer will bite in the wood. When machines cross the bridge they bounce the decking loose creating a hazard for others following, also the planking is warping and curving up adding to the hazard. Without adequate anchor points below the deck we are not able to keep the decking secure and in place. The pilings this of old railroad bridge have rotted and wore away leaving the thickness of them at and below the waterline approximately half there original thickness. The debris after storms has to be removed to prevent water backup and additional stress on the pilings that may compromise this bridge. This bridge is 130' long and this project would remove the old bridge and piling and install a new 130' X 12' freespan bridge. This trail is a year round multipurpose trail for ATV, UTV and Snowmobile.

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

**Estimated Cost**

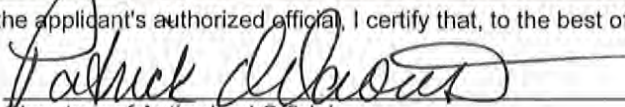
Maintenance	Acquisition	Insurance	Development	Bridge Rehab. \$145,500.00	Trail Rehab.	Total Estimated Cost \$145,500.00
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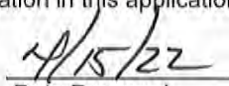
Leave Blank – DNR Use Only

**Applicant Certification**

Printed Name of Authorized Official Patrick Daoust	Official's Title Chairman
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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

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

Bridge Rehab/Replace     New Bridge     Reroute with new bridge

County <b>Bayfield</b>	Township <b>N</b>	Range <input type="radio"/> E <input type="radio"/> W	Section <b>1/4 1/4</b>	1/4	GPS Coordinates: Lat. <b>46.572316</b> Long. <b>-90.953170</b>
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Water Body Name <b>Fish Creek</b>	Bridge Name <b>Fish Creek</b>	County Inventory Number
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Funded Trail Name or Number (SNARS if applicable)	Has this bridge site ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input checked="" type="radio"/> No Year: _____ \$ _____
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Bridge is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property	Old Bridge/Culvert Size <b>130'</b> New Bridge/Culvert Size <b>130'</b>
--	--

Landowner Where Bridge is Located	Telephone Number	Length of Trail Use Agreement (5 year minimum)
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Current maximum load <b>Unknown</b> lbs.	Age of Bridge <b>Unknown</b>	Bridge Material <b>Wood</b>
Proposed maximum load <b>25,000</b> lbs.		

Sponsoring Club Name <b>Tri- County Recreational Corridor</b>	Club Contact <b>Pat Daoust</b>	Telephone Number <b>715-682-0638</b>
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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?
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What is the weight of your puller & drag/grading equipment? <b>9600 &amp; 2000</b>	<b>25,000+ we have other bridges on the trail that supported Rail.</b>
---	--

What other recreational trail uses are planned for this bridge?  
**ATV/UTV, Snowmobile, bike, walking, skiing**

If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users?  
**\$0**

- 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**

This bridge decking is loose due to deteriorated wood underneath the decking that is unsuitable to attach to. the wood below the deck is rotted and will no longer allow lag screws to attach and hold the deck boards. Many of them have come loose on one end or the other and some on both ends only held by the middle screws.

Due to pilings under the bridge, debris piles up on the up river side of the bridge causing wear on the pilings. The current pilings are worn at or below the waterline weakening them.

I have attached pictures of the bridge and debris piling up underneath it. I would need to remove some decking to get pictures of the rotten boards the decking attaches to, due to the poor condition of the sub deck I did not want to do this for fear that I would not be able to reattach the decking. If this is something that you wish us to do we will gladly do this. It was really difficult to show the poor condition in the pictures as all deck boards are missing screws and most boards are loose due to nothing solid to attach them to. My fear is a board popping up and causing damage and/or injury to a trail user.

**Appendix A (continued)**

**Summarize Costs in Appropriate Categories:**

**Bridge Structure**

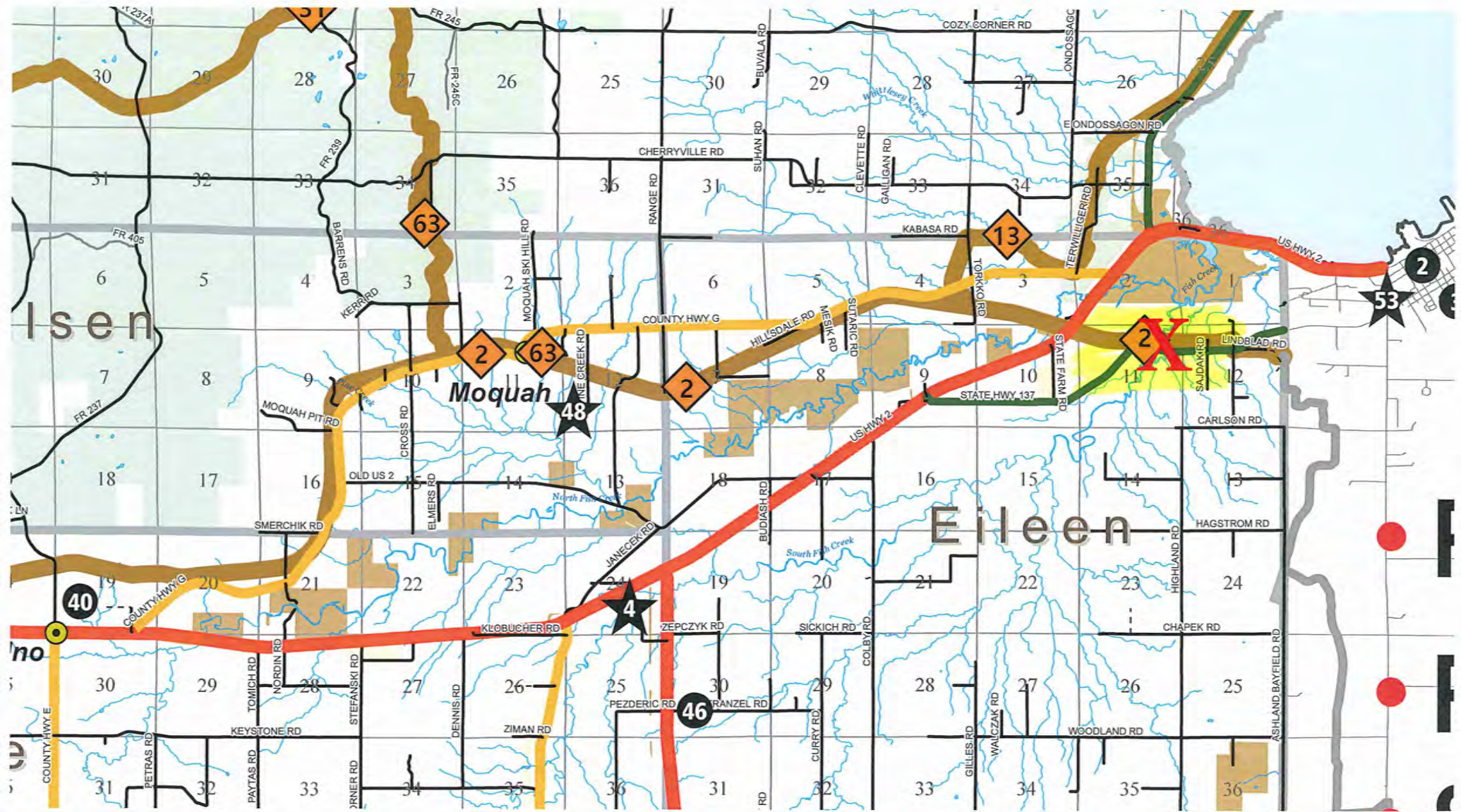
		Quote 1	Quote 2
		<input checked="" type="radio"/> Steel <input type="radio"/> Wooden	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:		130'X12'	130'X12'
Bridge Manufacturer:	Anderson Bridges		Sheet Piling Services, LLC
Design Weight Load		25,000 lbs.	25,000 lbs.
Cost of Structure:	1. Engineering	\$ 15,000	\$ _____
	2. Structure	\$ 200,000	\$ 130,000
	<b>Subtotal</b>	<b>\$ 215,000</b>	<b>\$ 130,000</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		\$ 3,000	\$ _____
3. Abutments		\$ 35,000	\$ 50,000
4. Pilings/Piers		\$ _____	\$ _____
5. Approaches		\$ 3,000	\$ _____
6. Riprap		\$ _____	\$ _____
7. Labor		\$ 10,000	\$ _____
8. Equipment Rental		\$ _____	\$ 95,000
9. Culverts		\$ _____	\$ _____
10. H & H Study		\$ _____	\$ _____
11. Wetland Delineation		\$ _____	\$ _____
12. Other Removal		\$ 25,000	\$ 65,000
	<b>Subtotal</b>	<b>\$ 76,000</b>	<b>\$ 210,000</b>
	<b>Total Cost</b>	<b>\$ 291,000</b>	<b>\$ 340,000</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>



Isen

Moquah

Eileen

40

48

46

53

2

2

2

2

63


13



# Fish Creek 2

Bridge

## Legend

 Untitled Path



Corridor

Tri-County Corridor

Google Earth

200 ft





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

# PROPOSAL

April 13, 2022

## Original Project Estimate

To: Tri-County Corridor Snowmobile Trail Coordinator

Re: Fish Creek Snowmobile Bridge Budget

- 1 - **130' x 12' (clear width) 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 and/or Concrete Abutments**
  - Loads: **85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load**
  - FOB: **Ashland, WI**
  - Engineered Drawings State Seal: **Wisconsin**

Price-----\$291,000

• <b>Structure (Steel Truss)</b>	<b>\$200,000</b>
• <b>Approaches (Fill)</b>	<b>\$3,000</b>
• <b>Engineering</b>	<b>\$15,000</b>
• <b>Site Prep</b>	<b>\$3,000</b>
• <b>Abutments</b>	<b>\$35,000</b>
• <b>Labor</b>	<b>\$10,000</b>
• <b>Rip Rap</b>	<b>\$0</b>
• <b>Demolition/Disposal</b>	<b>\$25,000</b>

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

Please call with any questions.

Thank you,

Kory S. Weathers



# Sheet Piling Services LLC

April 14, 2022

Kathy Chandler  
[billauto@centurytel.net](mailto:billauto@centurytel.net)

## Original Project Estimate

Pat Daoust  
[tricitycorridor@outlook.com](mailto:tricitycorridor@outlook.com)

Thank you for the opportunity to provide you with an estimate for the bridge replacement located on the Tri-County Corridor in Ashland, WI. Based on the information provided, the estimate for the replacement is \$ 340,000.

Item #	Spec ID	Quantity	UOM	Description	Unit Price	Extension
		1	LS	Mobilization and Access	\$130,000.00	\$130,000.00
		1	LS	Removal	\$65,000.00	\$65,000.00
		1	LS	Abutments	\$50,000.00	\$50,000.00
		1	LS	Set Bridge	\$95,000.00	\$95,000.00
<b>Total</b>						<b>\$340,000.00</b>

### Additional Notes

1. All items tied as a complete quote.
2. Owner to pay for and furnish the prefabricated bridge to the final bridge site.
3. All required Traffic Control, including any flagging, to be provided by the owner.
4. All Utility Coordination (relocations, etc.) to be completed by the owner. All utilities will be located and positively identified by others.
5. A suitable location to access the site for equipment and materials shall be provided by the owner.
6. Quoted prices are firm through 9/1/2022. After 9/1/2022 prices are subject to revisions.
7. No Railroad protective Insurance or Railroad Flagging is included in this quote.
8. No DBE included in this quote.
9. This quote includes the unloading and installing of the proposed, two-piece, bridge to clear span the waterway
10. This quote includes the design and construction of two cast-in-place concrete abutments. An allowance of 3 each, 60 LF HP 10 x 42 piles
11. This quote excludes any permits
12. This quote excludes geotechnical exploration/ soil borings
13. Payment terms are net 30 days.

This quote is a rough estimate based on the scope and conditions with limited details. Should the scope or conditions change, this quote will be void and a new quote will be issued.

This price includes all equipment, labor and materials necessary for the Tri- County Corridor bridge replacement, with the exclusions listed above.

If there are any questions, please call Chandler Schreiber at 71-556-8058, or Mike Hanson at 715-299-6816.

Sheet Piling Services, LLC

Chandler Schreiber  
Project Manager/ Estimator

6872 State Hwy 66, Custer, WI 54423  
Phone: (715) 592-6942 Fax: (715) 592-6946



**ANDERSON**  
BRIDGES

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

# PROPOSAL

NEW (2026) Bid

May 5, 2026

To: Patrick Daoust

Re: Snowmobile Bridge Budget – Tri-County Corridor (Ashland)

- 1 - **200' x 12' (clear width)** steel truss bridge
- Design Standards: **Wisconsin DNR**
  - Diagonals per Panel: **1**
  - Clear width: **Inside face structural elements at deck level**
  - End Vertical: **Square**
  - Bearings: **Equal Elevations**
  - Steel Grade: **A588/A847 (Self-Weathering)**
  - Deck: **#1 Southern Yellow Pine (.40 ACQ)**
  - Safety Rails: **Horizontal (4" opening)**
  - Installation: **Concrete and/or Steel Abutments**
  - Loads: **85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load**
  - FOB: **Ashland, WI**
  - Engineered Drawings State Seal: **Wisconsin**

Price-----\$975,000

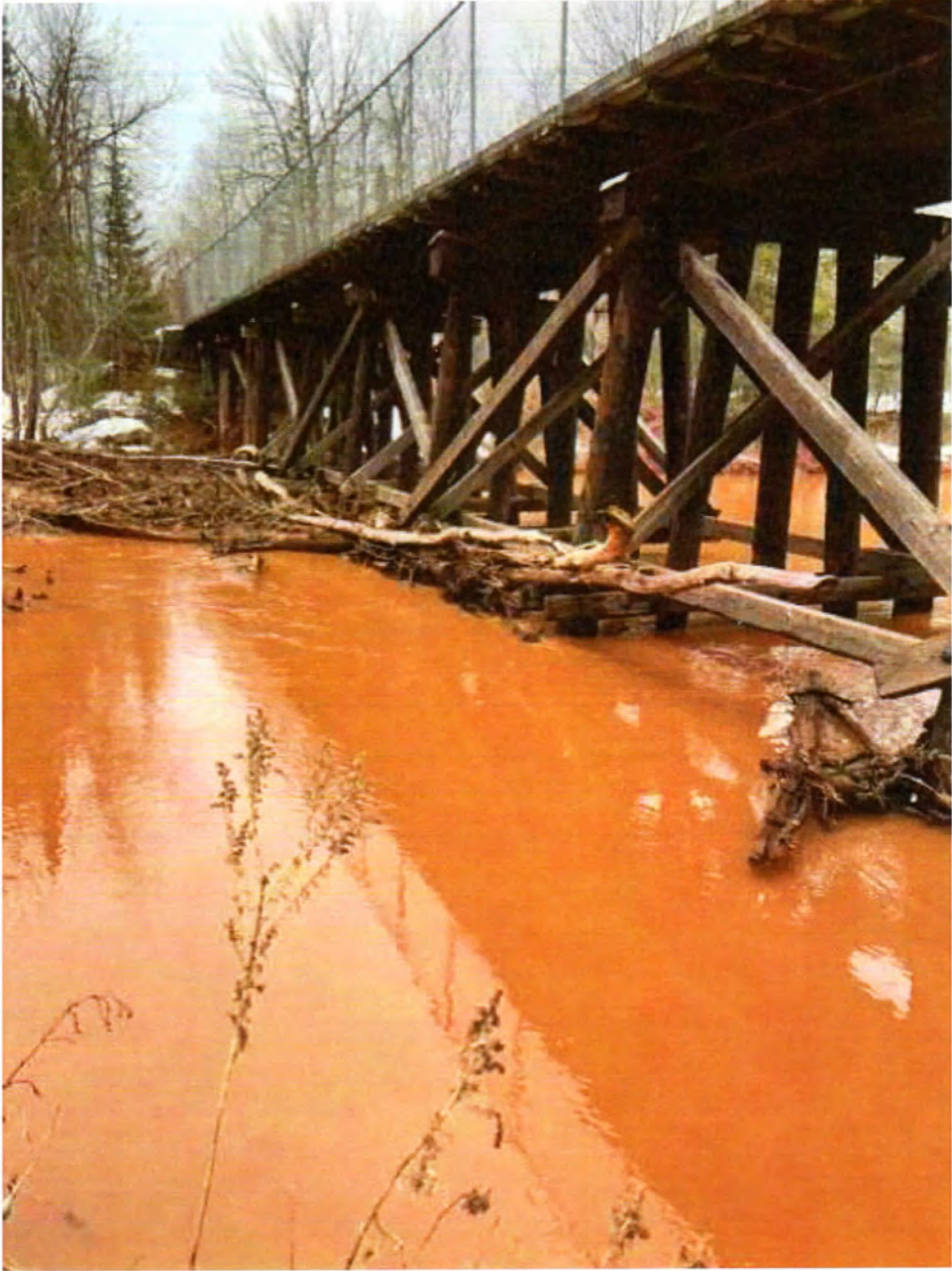
• <b>Structure (Steel Truss)</b>	<b>\$585,000</b>
• <b>Engineering</b>	<b>\$50,000</b>
• <b>Soil Testing</b>	<b>\$0</b>
• <b>Site Prep</b>	<b>\$40,000</b>
• <b>Abutments</b>	<b>\$120,000</b>
• <b>Approaches (Fill)</b>	<b>\$10,000</b>
• <b>Labor</b>	<b>\$70,000</b>
• <b>Rip Rap</b>	<b>\$0</b>
• <b>Removal &amp; Disposal (Bridge &amp; Pilings)</b>	<b>\$100,000</b>

Please call with any questions.

Thank you,

Kory S. Weathers







Bridge ID

TS049018

State

55

WISCONSIN

County

4

BAYFIELD

Municipality

T - EILEEN

Sec/Twp/Rng (1/4)

SW/NE, SEC11 T47N R05W

Latitude

46.57231667

Longitude

-90.95310000

On Bridge

TRI-COUNTY CORRIDOR

Under Bridge

S FISH CREEK

Bridge Name

TRI-COUNTY CORRIDOR OVER S FISH CREEK

Owner

S02

Maintainer

L02

Year Built

CIRCA 1900

Bridge Width

14.5

Deck Area (SF)

2,784.0

Total Bridge Length

192

Curb - Curb

13.6

Skew

0

NBIS Bridge Length

190

Approach Width

20

Maximum Height

20

Bridge Type

14 SPAN, TIMBER DECK, 2-TIMBER BEAMS, ON TIMBER PILE BENTS W/ CAP

Condition Ratings

Deck

5

Bridge Railing

N

Channel

4

Superstructure

5

Railing Transition

N

Channel Protection

3

Substructure

4

Bridge Bearing

6

Scour

4

Culvert

N

Bridge Joints

N

Inspection Date

23-Feb-2024

Type

8

Inspector

KOVALESKI JR (WI-8007)



NORTH FACE FROM EAST SHORE

TS049018.XLXS

Bridge ID

**TS049018**

Inspection Date

23-Feb-2024

Type

8

ELEMENTS

CS1

CS2

CS3

CS4

<b>31 Timber Deck</b>						
->	SF	2784	0	2600	184	0
Timber deck. Not fully visible at time of inspection but appeared in good condition with little to no loose board or warping. Southeast curbing is being pulled up and out by fencing.						
<b>111 Timber Girder/Beam</b>						
->	LF	384	0	300	84	0
2 - built-up timber beams 16.7D x 27.25W - 3 rough sawn timbers connected with lag bolts. Beam is good to fair condition throughout and visible areas w/ no obvious indications of sagging or rot.						
<b>156 Timber Floor Beam</b>						
->	EC	240	0	100	140	0
Consist of sleeper Beams. Every 2nd sleeper has a longer (newer) treated 4x4 the approximate width of deck. older timbers (original) have some splitting.						
<b>216 Timber Abutment</b>						
->	EA	30	0	20	10	0
West abutment in fair condition with some piles in fair to poor condition - lagging appears in good condition. Cap is slightly off-center. East abutment appears to be losing fill thru lagging. Piles and cap appear newer and in sound condition.						
<b>228 Timber Submerged Pile</b>						
->	EA	75	0	5	60	10
10 to 12 in treated Piles at each Pier and Abutments of unknown depth. Almost all have some splitting and checking. Piles for Pier 3 are cut off with a sill plate on original piles?. Pier 2 piles are rotting and thinner on bottom soil line exposed. West abut Piles 1 and 5 heavily split. Piles Pier 11 and 12 poor.						
<b>235 Timber Pier Cap</b>						
->	LF	210	0	2	208	0
Includes Pier Caps on Abutments typ. 13D x 16W - 2-timbers bolted together. All have a tine cap to protect. Caps on abutments in good condition and all have some signs of splitting and checking.						

ASSESSMENTS

CS1

CS2

CS3

CS4

<b>8400 Integral wingwall (Timber)</b>						
->	EA	4	0	4	0	0
Wings appear stable and in place with some splitting at ends.						
<b>9001 Drainage - Structure Approach</b>						
->	EA	4	0	4	0	0
Good						

Bridge ID

TS049018

Inspection Date

23-Feb-2024

Type

8

ASSESSMENTS

CS1

CS2

CS3

CS4

<b>9041 Slope Protection Bare</b>						
->	EA	2	0	0	1	1
Slope protect is gone with visible scour on both slopes likely from debris in river. West scour is worst and encompasses at least 5 Spans. East scour Piers 2 and 3. No Plan is complete.						
<b>9169 Lateral Bracing</b>						
->	EA	40	0	36	0	4
Includes timber sills (holding struts) and transverse bracing bolted thru boards. Most with check and splits in fair condition. No bracing west abut or Pier 13 with East abut bracing nailed. Piers 1, 2 and 3 are poor to very poor.						
<b>9337 Protective Screening</b>						
->	EA	14	0	10	4	0
Chain link fence on both sides of deck anchored to curb board - not structural. Screen is pulling curb board over and out for 4 spans on southeast side. span 10 east.						
<b>NA Longitudinal Bracing</b>						
->	EA	32	0	29	0	3
Include rough sawn timber struts and bracing bolted thru boards. Typical 2 struts and 2 bracing per Spans 4 thru 10. Spans 1 and 3 have poor to very poor bracing some of which has eroded or poor bolting. Splitting and checking common.						

Structure Notes:

Structure is in fair to poor condition. Timber structure and all treated timber w/ heavy checking and splitting of almost all timber. Piers 1, 2, and 3 are in Poor to Very Poor condition.

Debris buildup along South face includes trees and branches. Both embankments are scoured up to 2nd Pier likely from debris buildup. There is no Scour Plan and unknown if scour has impact on Piles.

\*\*Reported was in Program to replace this year.

Inspection Notes:

Service Inspection to identify any issues - routine to be planned. Inspected during winter months with small snow cover - not "full" inspection. Only few Piers fully accessible and visible. Icy water unstable and dangerous.

Needs underwater inspection, profile, and boat inspection.

Bridge ID

TS049018

Inspection Date

23-Feb-2024

Type

8

Inspection Procedures:

walk-thru visual. Visible areas included deck, both abutment and area adjacent to shore - ice on water inhibited full inspection. Structure needs a full underwater inspection and profile along with an inspection from the water.

Site Conditions:

Winter Inspection. Icy water kept from work on water or boat traffic.

Embankment/Erosion Conditions:

Both banks are visibility scoured likely from debris buildup (trees/branches) in the river. West bank is worst with scour impacting 4 spans. Do not know if scour has impacted piles. Depth of scour unknown due to ice.

Substructure Notes:

NO.	Type	Depth (in)
A01	Abutment - pile bent with lagging	Dry
West abutment. Lagging starting to lose material behind.		
P01	Bent - pile	Dry
Scour starting just east, piles rotting btm.		
P02	Bent - pile	2.00
Partially submerged. Poor to very poor condition.		
P03	Bent - pile	4.00
North end submerged. Very poor condition.		
P04	Bent - pile	6.00
Good to fair - not fully accessible.		
P05	Bent - pile	24.00
Good to fair - not fully accessible.		
P06	Bent - pile	24.00
Good to fair - not fully accessible.		
P07	Bent - pile	12.00
Good to fair - visible from south. Appears to be original location of bank - scour to east.		
P08	Bent - pile	12.00
Good to fair - not fully accessible.		
P09	Bent - pile	12.00
Good to fair - not fully accessible.		
P10	Bent - pile	12.00
Good to fair - not fully accessible.		
P11	Bent - pile	12.00
Good to fair.		
P12	Bent - pile	2.00
Good to fair.		
P13	Bent - pile	Dry
Good to fair.		
A02	Abutment - pile bent with lagging	Dry
East abutment. Good to fair condition - Piles 1 & 5 thinning Cap rotating.		

Photograph 01:

West Approach



Photograph 02:

East Approach



Photograph 03:

West Abutment



Photograph 04:

East Abutment



Photograph 05:

West Abutment south face



Photograph 06:

South Face of Structure from east end



Photograph 07:

South Face of Structure from west end



Photograph 08:

North Face of Pier 2



**Photograph 09:**

North Face  
Piers 9 and 10

Definitions

- TIMBER DECK
- TIMBER SLEEPER
- BEAM/GIRDER
- BENT (PIER) CAP
- BENT (PIER) PILE
- LATERAL BRACING
- LATERAL GIRT
- LONGITUDINAL STRUT
- LONGITUDINAL BRACING



**Photograph 10:**

South Face of Piers 11 and 12.

Note scour of east bank likely from debris buildup along east face.



**Photograph 11:**

North Face of Piers 2, 3, and 4.

Note scour of east bank likely from debris buildup along east face.



**Photograph 12:**

Piers 3 and 4 north



Photograph 13:

Pier 2



Photograph 14:

South Face of Piers 11 and 12.

Note scour of east bank likely from debris buildup along east face.



Photograph 15:

END OF PICTURES

Photograph 16: