

#41 Trempealeau Osseo Golf Course Bridge

State of Wisconsin
 Department of Natural Resources
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 Trempealeau 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 Jack Hays			Check Recipient Name (Name to Appear on Check) Trempealeau County Treasurer		
Title County Coordinator			Title Trempealeau County Treasurer		
Address 18600 Hobson St.			Address 18600 Hobson St.		
City Whitehall	State WI	ZIP Code 54773	City Whitehall	State WI	ZIP Code 54773
Telephone Number (715) 538-1914		Email Address jack.hays@co.trempealeau.wi.us			

Section 2: Project Information Required for all Projects

Project Title Osseo Golf Course Bridges					Current Funded Miles 256.1	New Miles (if applicable)
County Trempealeau	Township 24 N	Range 7	Section 10	1/4 1/4 SW NW	1/4 NW	GPS Coordinates: Lat. 44.574119 Long. -91.213791

Project Description Summary

Trempealeau County, in cooperation with Associated Snowmobile Clubs of Trempealeau County, is applying for bridge funds for a structure on the Osseo Golf Course. The bridge is a large old steel semi trailer that is not safe for the groomer. If this bridge is not replaced than this section of trails will continue to not be groomed. We have no hand railings at this bridge site. This is the closest bridge to the City of Osseo and it receives year round use.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$89,000.00		\$89,000.00

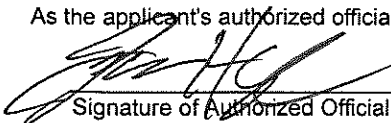
Leave Blank – DNR Use Only

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Applicant Certification

Printed Name of Authorized Official Jack Hays	Official's Title County Coordinator
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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

4/9/2024
 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 Trempealeau	Township 24 N	Range 7	<input type="radio"/> E <input checked="" type="radio"/> W	Section 10	¼ ¼ SW	¼ NW	GPS Coordinates: Lat. 44.574119 Long. -91.213791
Water Body Name South Fork Buffalo River				Bridge Name Osseo Golf Course Bridge		County Inventory Number 42	
Funded Trail Name or Number (SNARS if applicable) Trail 29-12				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 _____ New Bridge/Culvert Size _____			
Landowner Where Bridge is Located City of Osseo				Telephone Number (859) 609-1384		Length of Trail Use Agreement (5 year minimum) 10 years	
Current maximum load _____ lbs.		Age of Bridge 40 years		Bridge Material Steel			
Proposed maximum load 25,000 lbs.							
Sponsoring Club Name Osseo Sno-Drifters				Club Contact Anthony Larson		Telephone Number (715) 533-3445	
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? 25,000lbs currently the groomer does not go over this section because it is not safe without hand railings and age of bridge. No middle piling causing center of bridge to steep down.			
What is the weight of your puller & drag/grading equipment? Unknown							
What other recreational trail uses are planned for this bridge? Golf, fishing, hiking, cc skiing, and 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? None							
<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 type="radio"/> No Will an H & H (hydrologic and hydraulic) study be required?							

Bridge Project Detailed Description

Trempealeau County, in cooperation with Associated Snowmobile Clubs of Trempealeau County, is applying for bridge funds for a structure on the Osseo Golf Course. The bridge is a large old tin semi trailer that is not safe for the groomer. If this bridge is not replaced than this section of trails will continue to not be groomed. We have no hand railings at the bridge site. This is the closest bridge to the City of Osseo and it receives year round use.

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

	Quote 1	Quote 2
	<input type="radio"/> Steel <input checked="" type="radio"/> Wooden	<input type="radio"/> Steel <input checked="" type="radio"/> Wooden
Bridge Dimensions:	_____	_____
Bridge Manufacturer:	Anderson Bridges	Custom Bridges
Design Weight Load	25,000 lbs.	25,000 lbs.
Cost of Structure:		
1. Engineering	\$ _____	\$ _____
2. Structure	\$ _____	\$ _____
Subtotal	\$ _____	\$ _____

	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
Installation Costs:		
1. Engineering	\$ 4,000	\$ 3,000
2. Site Preparation	\$ 5,000	\$ 14,000
3. Abutments	\$ 10,000	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ 2,000	\$ _____
7. Labor	\$ _____	\$ 4,000
8. Equipment Rental	\$ _____	\$ 2,800
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other _____	\$ 68,000	\$ 99,000
Subtotal	\$ 89,000	\$ 122,800
Total Cost	\$ 89,000	\$ 122,800

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

Entire Deck and Railing Projects Contractor Sponsor Club

Bridge Dimensions:	60' x 12' Wide
Design Weight Load	25,000 lbs.
1. Materials	\$ 21,000
2. Labor	\$ 68,000
Total	\$ 89,000



Custom Manufacturing, Inc.

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

Quotation 6469

Please Indicate The Above Number When Ordering

Date: April 4, 2024	Salesperson: Tina Forrest
Inquiry Date:	Inquiry Number

To: Trempealeau County Department of
Land Management
18600 Hobson Street
Whitehall, WI 54773

Estimated Ship Date 8 - 12 weeks	Shipped VIA Best Way	F.O.B Clinton, WI	Terms Net 30		
			Description	Price	Total
			2024 GRANT APPLICATION ESTIMATE Osseo - Golf Course		
1			65' Arched Bridge x 12' Wide - 25,000# Load Double Decked - 42" Horizontal Railing - Hardware On 2 sets of Galvanized Sill Pans	\$ 99,000.00	
			Stamped Engineered Drawings	3,000.00	
			Installation & Site Preparation	14,000.00	
			Equipment Rental	2,800.00	
			Removal & Disposal of Existing Bridge	2,800.00	
			Delivery Charges	1,200.00	
			Total		\$ 122,800.00
			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.

BY: Tina Forrest ACCEPTED: _____ DATE: _____



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

PROPOSAL

February 6, 2024

To: City of Osseo

Re: Osseo Snowmobile Bridge Budget

- 1 - **60' 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/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: **Osseo, WI**
 - Engineered Drawings State Seal: **Wisconsin**

Price-----\$89,000

• Structure (Steel Truss)	\$63,000
• Engineering	\$4,000
• Soil Testing	\$0
• Site Prep	\$5,000
• Abutments	\$10,000
• Labor	\$5,000
• Rip Rap	\$2,000

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

Please call with any questions.

Thank you,

Kory S. Weathers

Ossau Golf Course Bridge

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.

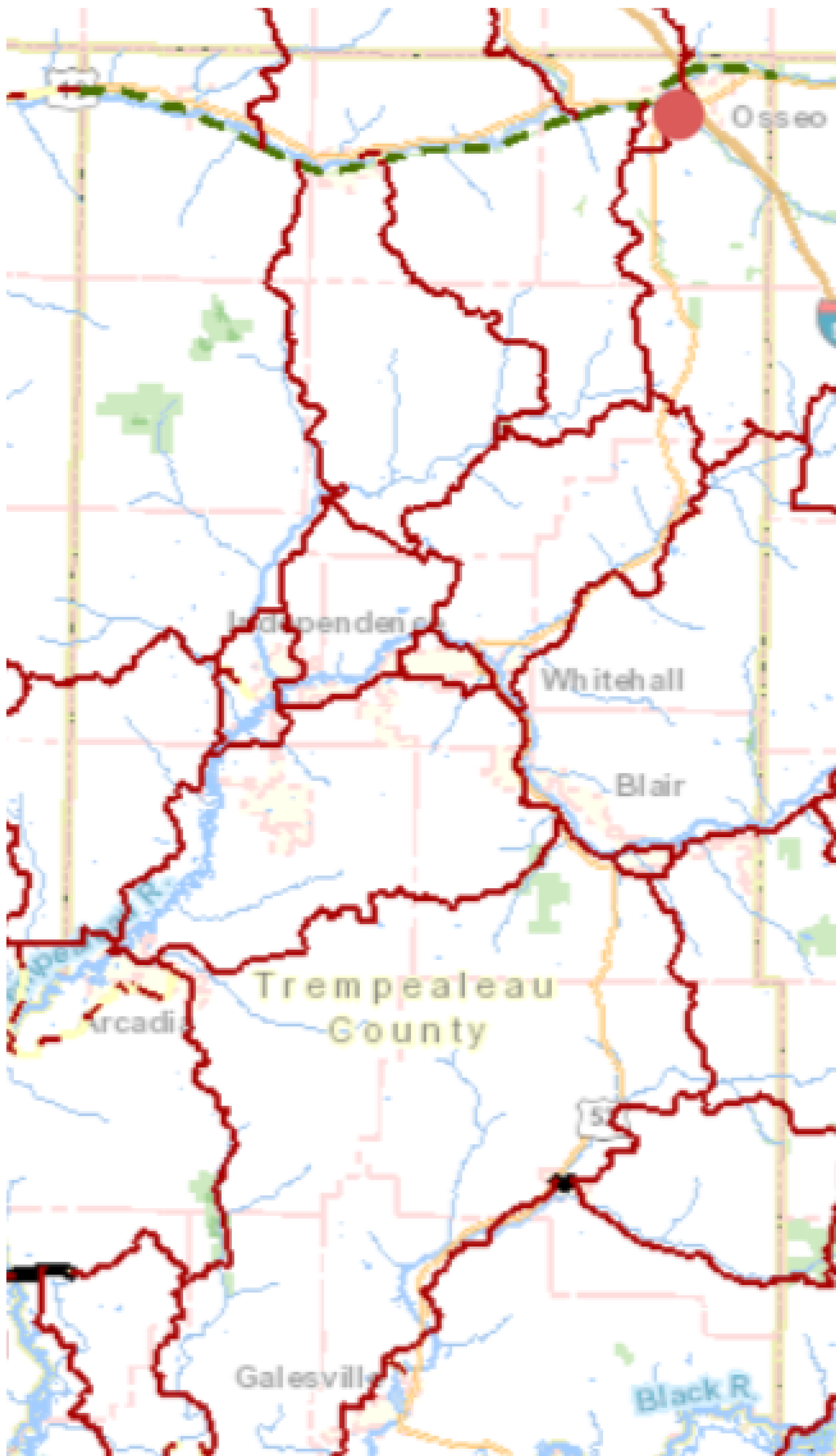
	Category	Possible Points	Actual Points
1	Condition of the Structure (max of 10 points)		
	Has a certified bridge inspection report that supports the project & demonstrates need (see example, must provide copy of report by August 1 for 2024 only)	10	10
2	Permits (maximum points 4)		
	Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	1	1
	Permit in hand / Bridge already permitted	3	
3	Funding (maximum points 2) Are other funds already committed?		
	50% or greater from other funding source(s)?	2	2
	11% - 49% from other funding source(s)?	1	
4	Length of Written Easements or Land Use Agreement (max points 5)(ch. 23.09(26)(am)1 WI Stats)		
	On public land (County, State, Federal)	5	
	10 or more year deeded easement 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	
	3-9 year deeded easement 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 deeded easement on private land or other public land, for <u>just the bridge site</u>	3	
	3-9 deeded easement 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	1
	3-9 year land use agreement (LUA, not deeded) on private land or other public land	0	
5	Miles Impacted – 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)		
	2.7 mi		
	Less than 20 miles	1	
	20 miles or more	3	
	No other snowmobile trails connect. Explain:	4	
	DEDUCTIONS		
6	County Active Project Deduction (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	
GRAND TOTAL			12

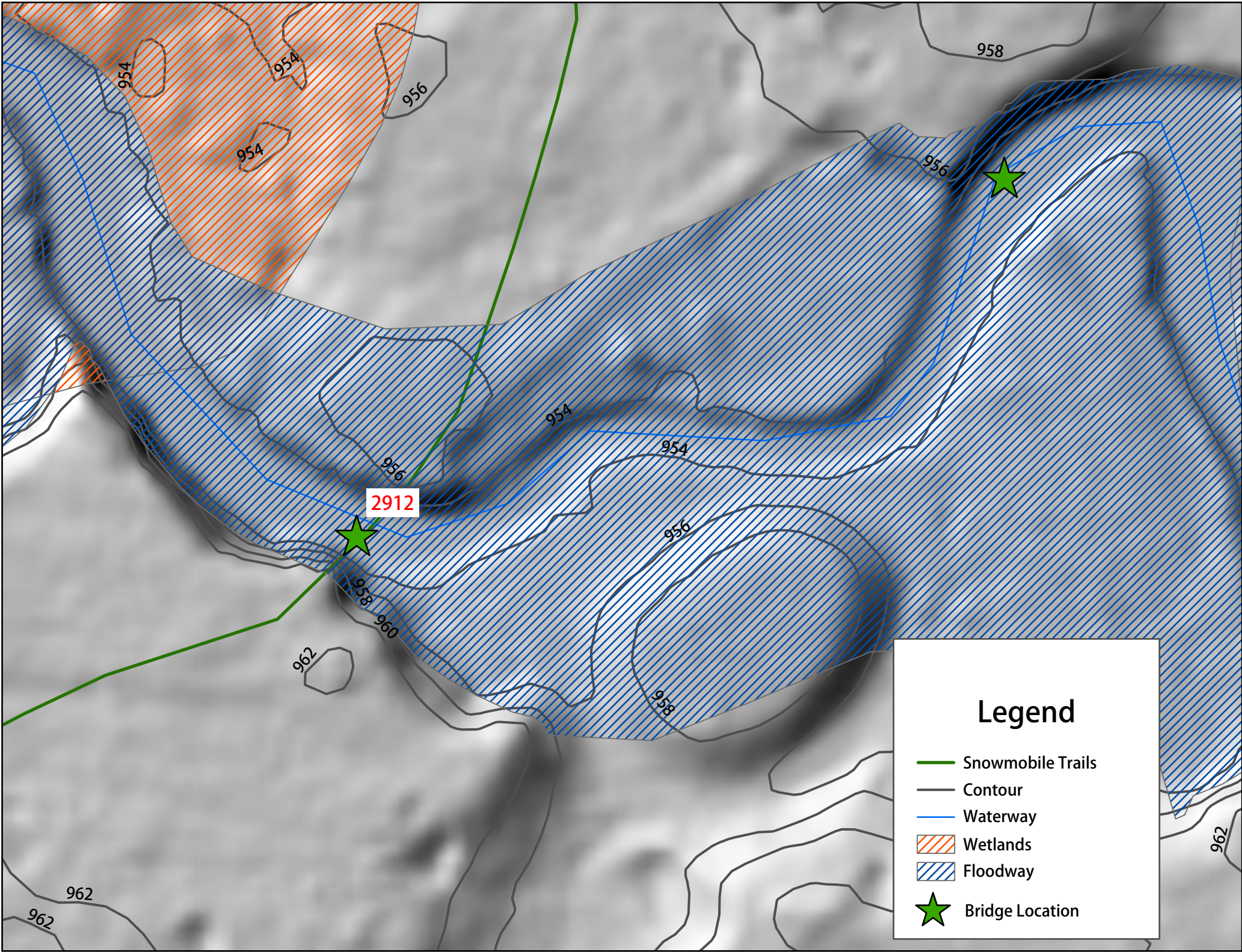
Comments/Notes:

14









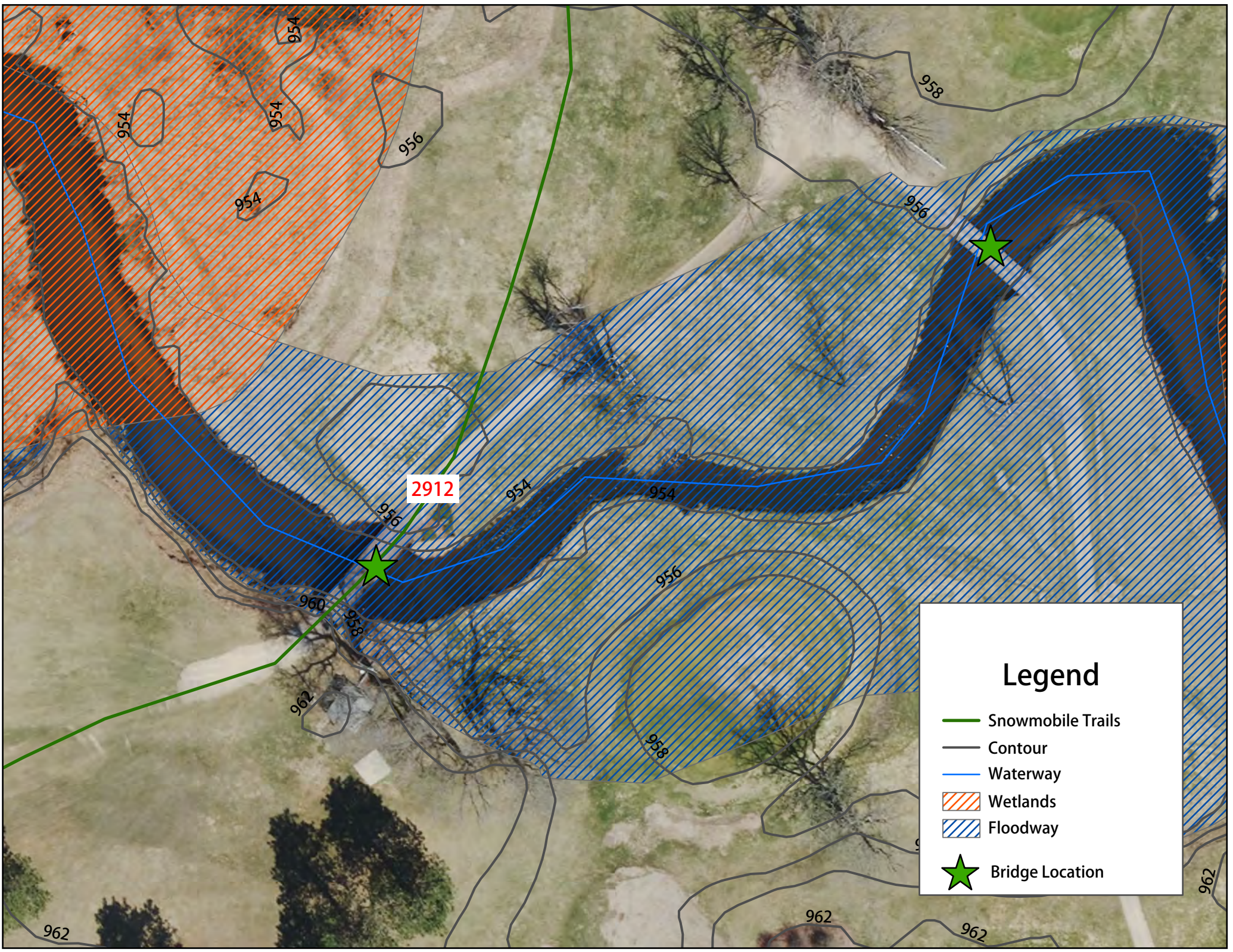












Legend

-  Snowmobile Trails
-  Contour
-  Waterway
-  Wetlands
-  Floodway
-  Bridge Location



2912

Legend

-  Snowmobile Trails
-  Contour
-  Waterway
-  Wetlands
-  Floodway
-  Bridge Location

LAND USE AGREEMENT

TO WHOM IT MAY CONCERN:

This is to certify that Trempealeau County through its duly authorized representative, and operational department, and hereinafter named the Permittee, is hereby authorized and permitted by City of Osseo/Osseo *Sno-Drifters* hereinafter named the Owner, to enter upon and use the following described *↳ Anthony Larson* land _____, Section 10, T 24 N, R 7 W, City, Village, or Township of Osseo, for the purpose of locating, constructing, and maintaining public snowmobile trail approximately 10 feet wide, on a one-rod wide right-of-way, including the installation of directional and informational signs, culverts, and/or bridges necessary to accomplish the intended use.

This permit shall be in effect on a continuous basis, but public use thereof shall be restricted to the period between December 1st of any year and April 1st the following year. This permit may be terminated, for just cause, by either party upon thirty (30) days written notice between April 1st and October 1st of the same year, but not until after one public use period of the intended use is completed.

It is understood by the Owner and the Permittee that this is subject to the following conditions:

1. The permit is non-transferable.
2. This permit shall be effective upon signing by both parties. Before locating the trail or making improvements or changes on the property, the Owner shall be notified of the plans and be given an opportunity to comment on the plan. Improvements will be done in such a way as to minimize erosion and any impact on the Owners use of the land.
3. The Permittee shall maintain the right-of-way, under permit, in a safe condition during the period of public use heretofore stated and shall be permitted and authorized to place signs along the trail in accordance with state funded trail standards.

4. The Permittee agrees to protect, indemnify, and save harmless the Owner, its agents and employees, from and against any and all Claims, demands, suits, liability and expense, by reason of loss or damage to any property or bodily injury to any person whatsoever, that may arise from the construction and placement of objects on the described lands and from the maintenance or use of the described lands.
5. Additional conditions specifically pertinent to this agreed land use will be valid if enumerated in the space provided between this condition and the closing signatures. Every such additional condition will be initialed by the Permittee and the Owner.
6. All slash and brush will be disposed of at the direction of the Owner.

PERMITTEE:

OWNER:

Club

Osseo Sno Drifters
Snowmobile Club

[Signature]
Signature of Snowmobile Club Rep.

4/2/24
Date

City of Osseo
Print Name of Landowner

[Signature]
Signature of Landowner

4-2-24
Date

County - Trempealeau

[Signature]
Signature

County Coordinator

Title
4/3/2024

Date

****This form will be kept on file in the County Clerk's Office****

Bridge Inspection Report for:
Department of Land Management, Trempealeau County, WI
Osseo Golf Course Snowmobile Bridge

Bridge Inspection Date: June 10, 2024

Bridge Inspectors:

Jack R. Dittmar, WisDOT Certified Inspector #5503 & Jack M. Dittmar, Team Member

Bridge Location:

Coordinates: 44.574119, -91.213791

Physical Location: Osseo Golf Course hole #5 immediately off tee box

Waterway Crossing: South Fork Buffalo River

Bridge Geometry (see typical section):

Bridge Length: 55' Bridge Width: 10'

Bridge Type: Double 12" Steel Girders with 15 - 44" long steel diamond tread plate panels (girders are salvaged riveted truss top cords)

Bridge Age: Unknown (girders are roughly mid 1900's or approximately 75 years old)

Bridge Condition (see photos – 2 pages):

Deck: The diamond tread steel itself isn't deteriorated, but due to traffic loading on the edge of the large overhang from the edges of the steel girders, the southern two deck panels are bent down approximately 1", mainly on the east edges. The tread plate supporting angle iron has been overstressed and is failing by buckling of the vertical leg. Although not part of the deck, the absence of railings makes this a hazardous crossing.

Superstructure: The steel itself of the salvaged riveted truss top cords used as girders aren't deteriorated significantly, but the girders have undesirable welded splices approximately at mid span that are offset slightly and the close girder spacing results in a large overhang on each side of the girders which caused the deck steel to overstress and bend.

Substructure: There isn't an actual visible substructure. If there is, it isn't anything more than a concrete pad on each end of the girders which are all buried in dirt. This is the worst environment for rusting and deterioration of steel. Each abutment has a wood retaining wall

Bridge Inspection Report for:
Department of Land Management, Trempealeau County, WI
Osseo Golf Course Snowmobile Bridge

attempting to keep the rocks & fill around the abutments from being washed into the river. Both are seriously deteriorated and rotting to the point that they will need to be replaced soon. The absence of significant abutments means that the bridge is vulnerable to being washed downstream during floods.

Channel: The channel makes an approximate 90 degree bend at the bridge. The outside bend bank is steeper and slightly eroded. The inside bend bank is well vegetated.

National Bridge Inspection (NBI) Ratings:

(9-7 Good, 6-5 Fair, 4-3 Poor, 2-1 Critical, 0 Closed)

Deck – 4

Superstructure – 5

OVERALL CONDITION = POOR

Substructure – 3

Channel – 6

Bridge Maintenance Items & Recommendations:

Maintenance isn't cost effective due to approximate 75-year-old salvaged girders and ends laying on the ground, absence of railings (and inability to economically add railings without putting more load on already overstressed deck edges), and abutment retaining wall deterioration.

Recommend bridge replacement as soon as possible.

Please contact me if you have any questions or need any other information.



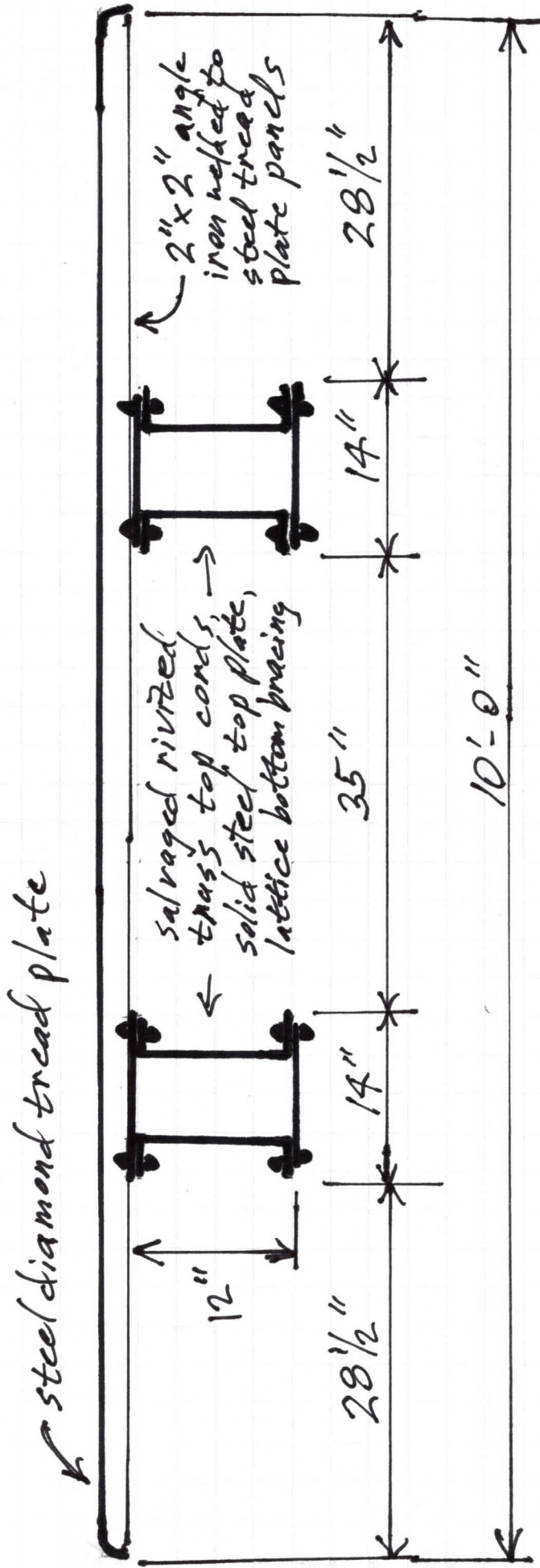
Jack R. Dittmar, P.E.

BCDServices2024@gmail.com

(715) 896-4570

Osseo Golf Course Bridge

Snowmobile



Typical Section

Osseo Golf Course Snowmobile Bridge Photos



Deck looking to South from end of #5 Tee Box



South Abutment Close Up



South Abutment & Retaining Wall



North Abutment Close Up



North Abutment Retaining Wall

Osseo Golf Course Snowmobile Bridge Photos



South Abut., Retaining Wall Timber Pile Deterioration



Typical Bottom of Diamond Steel Tread Plate Deck



Girder Welded Spice



Girder Offset Welded Spice next to Riveted Spice



Failing Angle Iron Deck Panel Support



Bent Down Deck Panel