

A-14 Forest Co WRST Swamp Creek 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			Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input type="checkbox"/> Select if the same as applicant.		
Forest County Forestry and Recreation Department					
Individual Authorized to Act on Behalf of Applicant per Resolution			Check Recipient Name (Name to Appear on Check)		
Travis Wollenberg			Forest County Forestry and Recreation Department		
Title			Title		
Forest Administrator					
Address			Address		
200 E Madison Street			200 E Madison Street		
City	State	ZIP Code	City	State	ZIP Code
Crandon	WI	54520	Crandon	WI	54520
Telephone Number		Email Address			
(715) 478-3475		travis@co.forest.wi.us			

Section 2: Project Information Required for all Projects

Project Title					Current Funded Miles	New Miles (if applicable)
WRST Swamp Creek Bridge Replacement						
County	Township	Range	Section	1/4 1/4	1/4	GPS Coordinates:
Forest	35 N	13	21			Lat. 45.5034
						Long. -88.88175

Project Description Summary

Forest County would like to due a full bridge replacement on the Swamp Creek Bridge located on the Wolf River State Trail. This is DNR bridge number FC-8 located in the Township of Lincoln. An inspection was completed in 2024 and major defects were found. A copy of the bridge inspection will be included. The entire project will require hiring an engineering company to engineer the bridge replacement and hiring a contractor complete the work. This bridge is used all seasons and is a main connector from Langlade County into Forest County.

RTP = \$100,000

ATV = \$141,016

SNO = \$141,016

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$382,032.00		\$382,032.00

Leave Blank – DNR Use Only

Applicant Certification

Printed Name of Authorized Official	Official's Title
Travis Wollenberg	Forest Administrator

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

5/1/25
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	Township	Range	Section	1/4	1/4	GPS Coordinates:
Forest	35 N	13	21			Lat. 45.5034 Long. -88.88175
Water Body Name			Bridge Name		County Inventory Number	
Swamp Creek			Swamp Creek Bridge			
Funded Trail Name or Number (SNARS if applicable)			Has this bridge site ever received development or rehabilitation funds in the past? <input checked="" type="radio"/> Yes <input type="radio"/> No Year: 2024 \$ 3,750.00			
Wolf River State Trail						
Bridge is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property			Old Bridge/Culvert Size 59.7' x 12.2'			
			New Bridge/Culvert Size 70' x 12'			
Landowner Where Bridge is Located			Telephone Number		Length of Trail Use Agreement (5 year minimum)	
Wisconsin DNR					Forever	
Current maximum load 25,000 lbs.		Age of Bridge		Bridge Material		
Proposed maximum load 25,000 lbs.		15		Steel Frame, Wood Deck		
Sponsoring Club Name			Club Contact		Telephone Number	
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?			
What is the weight of your puller & drag/grading equipment? 20,000lbs			25,000lbs			
What other recreational trail uses are planned for this bridge? Use will remain the same - Snowmobile, ATV/UTV, Hiking, Biking, OHM						
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? No other uses planned						
<input checked="" type="radio"/> Yes <input type="radio"/> No Have you contacted your local DNR Water Management Specialist (WMS) 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 checked="" type="radio"/> Yes <input type="radio"/> No Will an H & H (hydrologic and hydraulic) study be required?						

Bridge Project Detailed Description

This project is to replace the bridge over Swamp Creek on the WRST. This bridge is located on the Wolf River State Trail which has heavy traffic year round between snowmobile and ATV/UTV use. It is the main trail connector from Langlade County and Forest County.

The bridge inspection completed in 2024 found significant issues with the substructure including all abutment pile caps are rotated and loss of bearing on piles and all wingwalls are tipping and rotten. Close monitoring is advised to avoid closure.

Forest County is requesting funding to hire an engineering company to design and engineer a plan to replace the bridge over Swamp Creek. Funding will also be needed as we would be bidding out this project for a contractor to come in and remove the old bridge and substructure elements, replace with a new free span bridge.

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>70' x 12'</u>	<u>70' x 12'</u>	
Bridge Manufacturer:	<u>Sheet Pile Services LLC</u>	<u>Larson Construction Co. Inc.</u>	
Design Weight Load	<u>25,000 lbs.</u>	<u>25,000 lbs.</u>	
Cost of Structure:			
1. Engineering	\$ <u> </u>	\$ <u> </u>	
2. Structure	\$ <u>121,800</u>	\$ <u>171,320</u>	
Subtotal	\$ <u>121,800</u>	\$ <u>171,320</u>	
Quote 1		Quote 2	
<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor		<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor	
Estimate		Estimate	
Installation Costs:			
1. Engineering	\$ <u>50,900</u>	\$ <u>50,900</u>	
2. Site Preparation	\$ <u>15,000</u>	\$ <u>16,800</u>	
3. Abutments	\$ <u>18,000</u>	\$ <u>31,780</u>	
4. Pilings/Piers	\$ <u> </u>	\$ <u>35,304</u>	
5. Approaches	\$ <u>15,000</u>	\$ <u>2,312</u>	
6. Riprap	\$ <u>2,000</u>	\$ <u>6,900</u>	
7. Labor	\$ <u>113,000</u>	\$ <u>22,716</u>	
8. Equipment Rental	\$ <u>118,000</u>	\$ <u>20,000</u>	
9. Culverts	\$ <u> </u>	\$ <u> </u>	
10. H & H Study	\$ <u>8,000</u>	\$ <u>8,000</u>	
11. Wetland Delineation	\$ <u>6,000</u>	\$ <u>6,000</u>	
12. Other <u>Soil Borings</u>	\$ <u>10,000</u>	\$ <u>10,000</u>	
Subtotal	\$ <u>355,900</u>	\$ <u>210,712</u>	
Total Cost	\$ <u>477,700</u>	\$ <u>382,032</u>	

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

Entire Deck and Railing Projects		<input type="radio"/> Contractor	<input type="radio"/> Sponsor	<input type="radio"/> Club
Bridge Dimensions:	<u> </u>			
Design Weight Load	<u> </u> lbs.			
1. Materials	\$ <u> </u>			
2. Labor	\$ <u> </u>			
Total	\$ <u> </u>			

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	-
	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	5
	10 or more year deeded easement on private land or other public land, for <u>all portions of</u> that trail to the nearest road on each side of the bridge	5	
	3-9 year deeded easement on private land or other public land, for <u>all portions of that</u> trail to the nearest road on each side of the bridge	4	
	10 or more year deeded easement on private land or other public land, for <u>just the bridge</u> site	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	
	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)		
	Less than 20 miles	1	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	-1
GRAND TOTAL			16

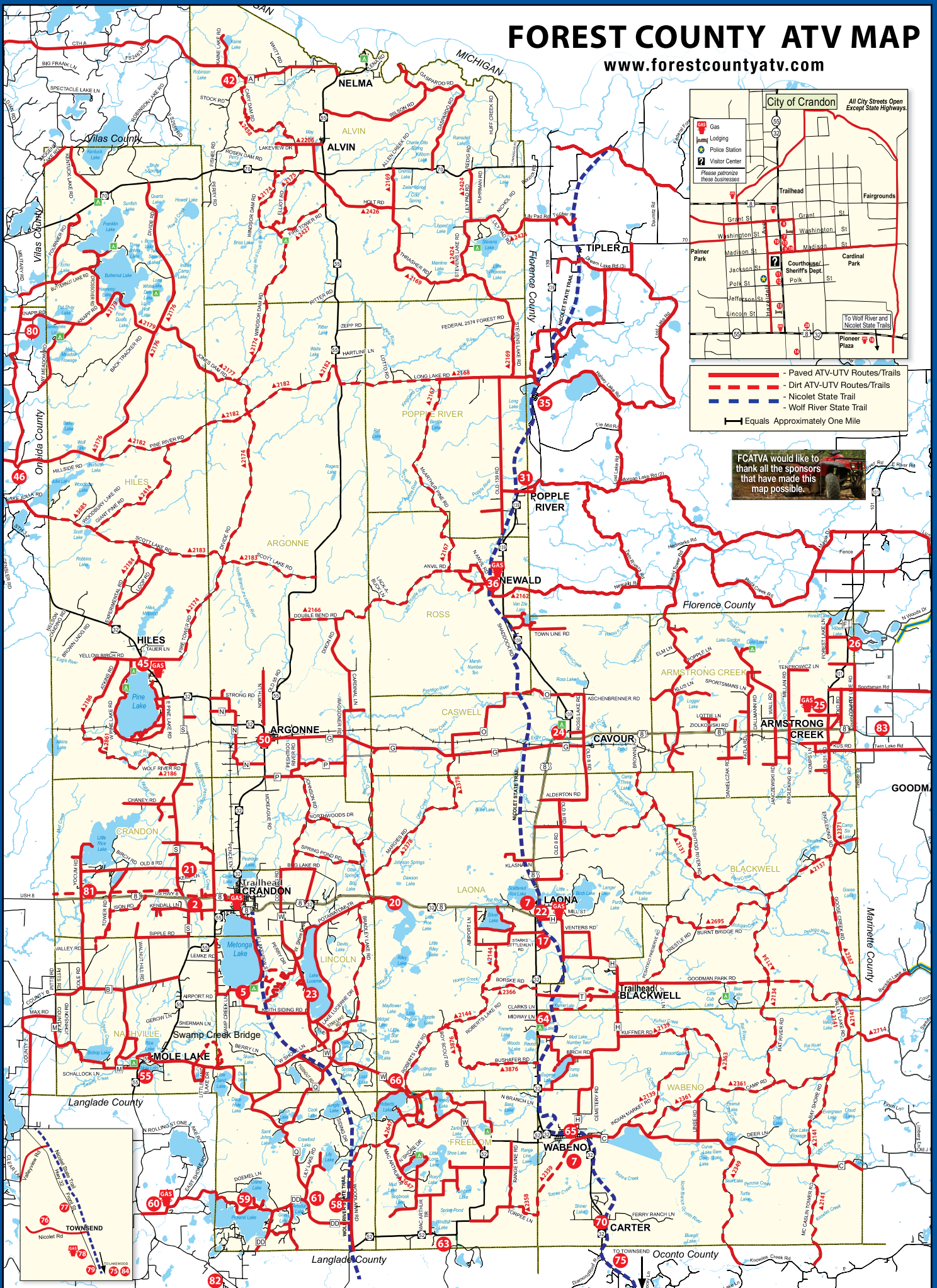
Comments/Notes:

FOREST COUNTY ATV MAP

www.forestcountyatv.com



FCATVA would like to thank all the sponsors that have made this map possible.



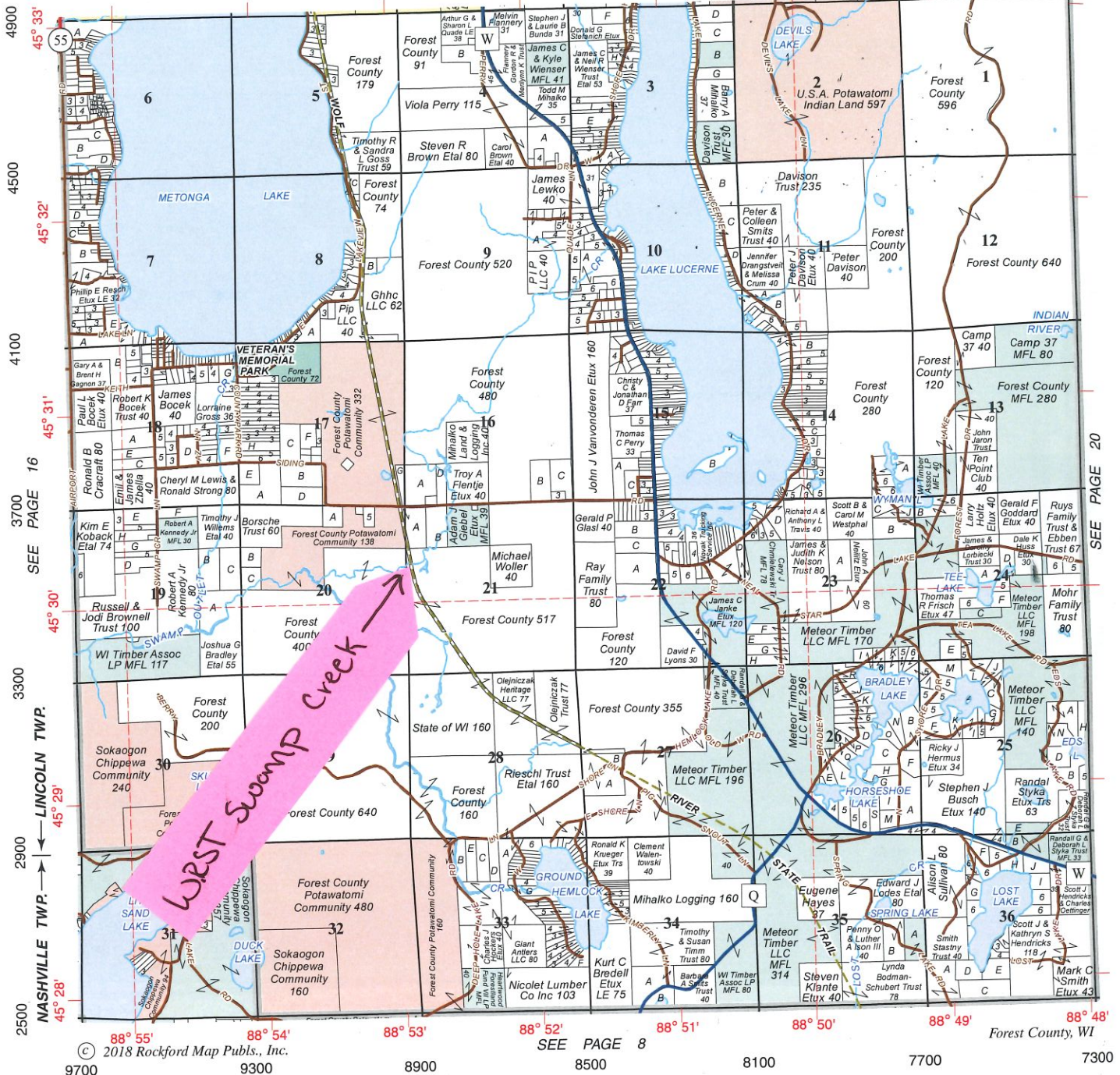
SOUTH PART
NORTHEAST PART

LINCOLN NASHVILLE

Refer to page 80 for keyed parcels

T.35N.-R.13E.

SEE PAGE 28



LAKELAND REALTY

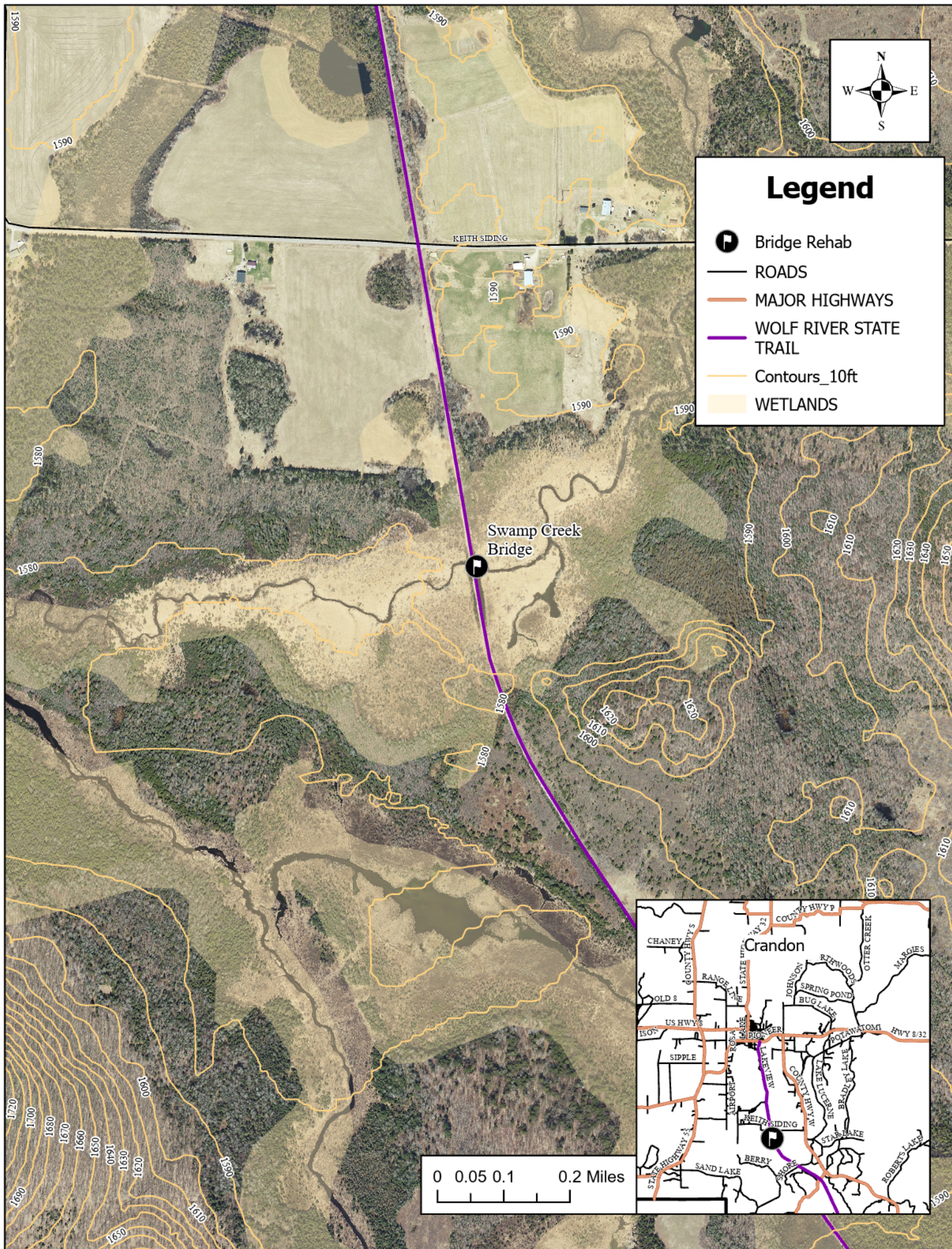
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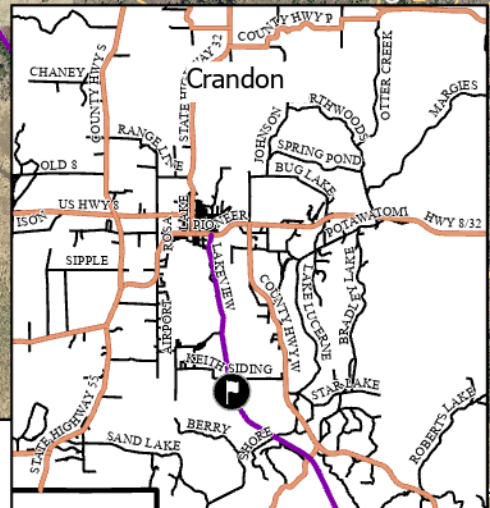
**ROCKFORD MAP
PUBLISHERS**



Legend

- Bridge Rehab
- ROADS
- MAJOR HIGHWAYS
- WOLF RIVER STATE TRAIL
- Contours_10ft
- WETLANDS

0 0.05 0.1 0.2 Miles



Will the cost of these be waived due to they are bridges owned by the State?

From: Koehnke, Scott E - DNR <Scott.Koehnke@wisconsin.gov>

Sent: Monday, March 17, 2025 8:40 AM

To: Travis Wollenberg <Travis@co.forest.wi.us>

Subject: RE: Permitting

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Travis,

30-12 = GP

Peshtigo = IP

Swamp Creek = GP

Let me know if you have questions or need clarification.

Scott Koehnke

Senior Water Management Specialist – Waterways/Wetlands

Wisconsin Department of Natural Resources

647 Lakeland Road, Shawano, WI 54166

Phone: 715/526-4232

scott.koehnke@wisconsin.gov



dnr.wi.gov

Our core values include professionalism, integrity, and customer service.

Please visit our [survey](#) to provide feedback on your experience interacting with any DNR employee.



From: Travis Wollenberg <Travis@co.forest.wi.us>

Sent: Monday, March 17, 2025 7:06 AM

To: Koehnke, Scott E - DNR <Scott.Koehnke@wisconsin.gov>

Subject: RE: Permitting



Trail Bridge Inspection

Forest County

Bridge Name

Swamp Creek

Inspected By:

Patrick Hampston, P.E.

5/3/2025

Prepared By

KBIS, LLC





Bridge Inspection Report

General Information

The structure in this report was inspected by certified Wisconsin Department of Transportation Bridge Inspectors. Inspectors are Bridge Inspection Team Leaders and NSTM certified inspectors.

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.

Location information/General Description:

Located south of Keith Siding Road, Forest County.
45.503400°, -88.881750°

Bridge Condition

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

Abutments, pile bents, and spans are numbered along the trail from south to north. Girders are numbered from upstream to downstream.

Bridge has steel railings, double layer of longitudinal timber deck planks (top wearing surface, bottom structural deck), transverse steel HSS floor beams, (6) SS timber girders in two bundles of three on timber pile abutments / piers.

Length 59.7', Width 12.2', 6.9' clearance from deck to stream bottom.

Wearing surface has some gravel cover, some moderate CS3 wear and rot in wheel paths and rotten through in NE corner, CS2 elsewhere.

Decking has widespread black / white mold, rotten through in NE corner, CS3. The lower railing is bent in the SW corner.

Timber girders have wide checking on fascia girders, CS2 throughout.

Both abutment pile caps have rotated backwards, nearly off piling. Pier 1 pile cap has moderate rotation and



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

Bridge Inspection Report

Bridge Condition

loss of nearly half of the bearing on piles. Pier 2 has no bearing on center pile. Pier 3 pile cap is rotated severely, is losing bearing on the piling, and has wide checking. All 4 wingwalls are CS3 tipping and rotten. The substructure requires close monitoring to avoid bridge closure.

Channel is in good condition with old piles and beams scattered underneath the bridge catching debris.

Approaches are in fair condition with steep, unstable side slopes. North bridge ahead sign CS2 scraped, south CS2 map cracked. CS1 object markers.



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

Bridge Inspection Report

Report Summary

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

Deck	# 4	Some major defects
Wearing Surface	# 4	Some major defects
Superstructure	# 6	Some minor defects
Substructure	# 3	Major defects, strength seriously affected, more frequent monitoring required
Channel	# 7	Some minor defects

Overall Condition Poor

Recommendations/Maintenance Items:

**Patch hole in deck / wearing surface immediately.

Replace wearing surface and deck

Jack up all spans and reset substructure elements to plumb or consider complete bridge replacement in next 1-4 years.

Recommend 12 month inspection frequency

Signed By:

Patrick Hampston, P.E.

Bridge Inspection Report

Photo Observations



North bridge ahead sign

Bridge Inspection Report

Photo Observations



South bridge ahead sign

Bridge Inspection Report

Photo Observations



North approach

Bridge Inspection Report

Photo Observations



Top of deck

Bridge Inspection Report

Photo Observations



Channel looking upstream

Bridge Inspection Report

Photo Observations



Channel looking downstream

Bridge Inspection Report

Photo Observations



All wingwalls tipping, rotten, unstable shoulders

Bridge Inspection Report

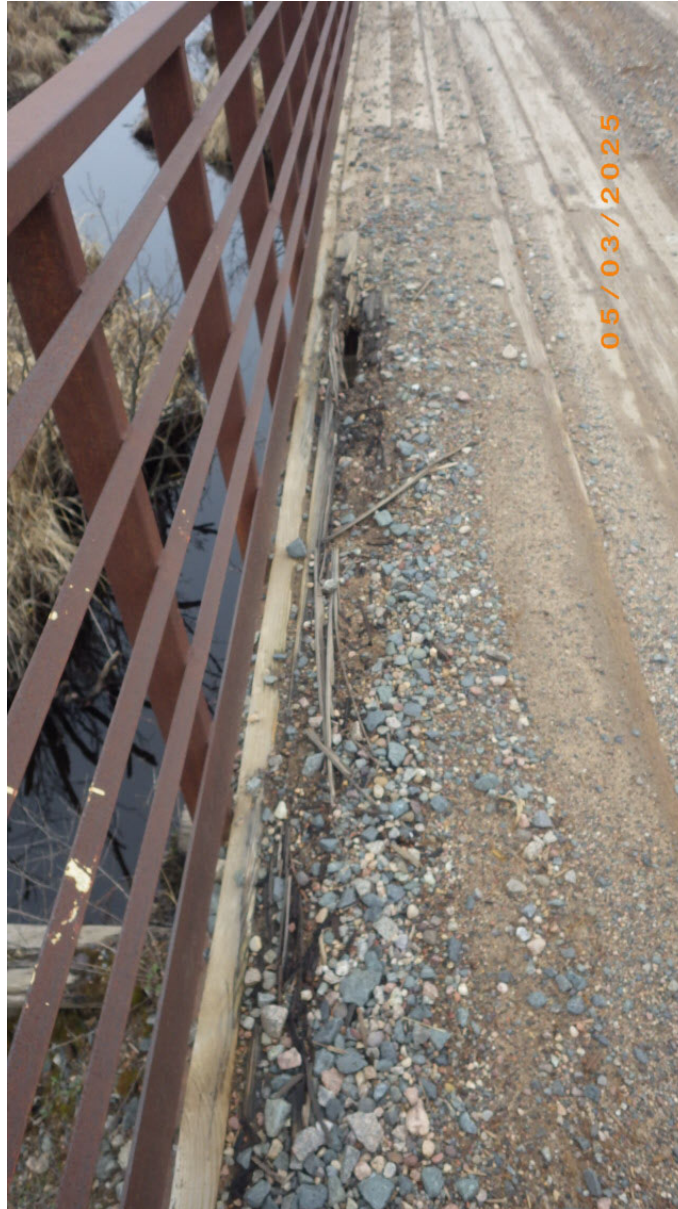
Photo Observations



All wingwalls tipping, rotten, unstable shoulders

Bridge Inspection Report

Photo Observations



Wearing surface / deck rotten through NE corner

Bridge Inspection Report

Photo Observations



Bent lower rail, SW corner

Bridge Inspection Report

Photo Observations



North abutment pile cap tilted back

Bridge Inspection Report

Photo Observations



Upstream elevation view

Bridge Inspection Report

Photo Observations



North abutment pile cap tilting back, nearly off piling, fill spilling through

Bridge Inspection Report

Photo Observations



Decking rotted through, NE corner

Bridge Inspection Report

Photo Observations



Typical superstructure / deck underside

Bridge Inspection Report

Photo Observations



Pier 3 pile cap severe rotation

Bridge Inspection Report

Photo Observations



Old piling / beams catching debris in channel

Bridge Inspection Report

Photo Observations



Downstream elevation view

Bridge Inspection Report

Photo Observations



Pier 2 center pile, no bearing

Bridge Inspection Report

Photo Observations



Pier 1 moderate rotation, loss of nearly half of the bearing on piling

Bridge Inspection Report

Photo Observations



South abutment, pile cap rotated back