

#12 Langlade Bridge 1 Replacement

State of Wisconsin
 Department of Natural Resources
dnr.wi.gov

Motorized Recreation Grant Application

For: (choose all that apply)

Form 8700-159 (R 04/22)

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 Langlade County Forestry Department				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 Al Murray				Check Recipient Name (Name to Appear on Check) Langlade County Treasurer			
Title Forest Administrator				Title Treasurer			
Address 1633 Neva Road				Address 1633 Neva Raod			
City Antigo	State WI	ZIP Code 54409	City Antigo	State WI	ZIP Code 54409		
Telephone Number (715) 627-6300			Email Address amurray@co.langlade.wi.us				

Section 2: Project Information Required for all Projects

Project Title Langlade County Bridge #1 Replacement						Current Funded Miles 539.1	New Miles (if applicable)
County Langlade	Township 30 N	Range 12	Section 30	¼ ¼ SE	GPS Coordinates: Lat. 45.047774 Long. -89.088204		

Project Description Summary

Langlade County proposes to replace an existing snowmobile bridge in the Phlox area. This bridge crosses the Red River on a major east to west connection on the south end of Langlade County. This bridge is over 30 years old and is in poor condition. The pilings/abutments are deteriorating and in urgent need of replacement. Temporary measures have been taken to keep the bridge usable in the short term. However, without a replacement this trail will have to be closed impacting 9.5 miles of trail and three snowmobile clubs in two counties. This would also reduce the Phlox Winter Knights trails by approximately 25%.

Bridge costs to be split 50% Snowmobile, 50% Winter ATV. Langlade County Winter ATV trails open ten days after the snowmobile trails open. They are open to ATVs only and only when the temperature is less than 28 degrees. UTVs are not permitted on the Langlade County Winter ATV trail system.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$111,608.00		\$111,608.00
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official Al Murray	Official's Title Forest Administrator
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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

3/23/23
 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 Langlade	Township 30 N	Range 12	Section 30	¼ ¼ E	¼ E2	GPS Coordinates: Lat. 45.047774 Long. -89.088204
Water Body Name W. Branch Red River			Bridge Name Langlade County # X 1		County Inventory Number X 1	
Funded Trail Name or Number (SNARS if applicable) Phlox 6			Has this bridge site ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input type="radio"/> No Year: _____ \$ _____			
Bridge is located on: <input checked="" type="radio"/> Private property <input type="radio"/> Public property			Old Bridge/Culvert Size 38'x12' New Bridge/Culvert Size 40'x12'			
Landowner Where Bridge is Located Robert Samolinski			Telephone Number		Length of Trail Use Agreement (5 year minimum) 9	
Current maximum load _____ lbs.		Age of Bridge About 30 years		Bridge Material Steel with Wood Deck		
Proposed maximum load 25,000 lbs.						
Sponsoring Club Name Phlox Winter Knights			Club Contact Michael Zinda		Telephone Number (715) 610-2646	
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 bridges present in the Phlox trails.			
What is the weight of your puller & drag/grading equipment? 15000 lbs						
What other recreational trail uses are planned for this bridge? Snowmobile and Winter ATV will be the only use of the bridge						
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

This bridges is approximately 30 years old and has deteriorating abutments and pilings. The deck is also in need of repairs. The weight rating of the existing bridge is unknown. Langlade County is proposing to replace the existing bridge with a 12'x40' bridge rated for 25,000 lbs to accommodate modern grooming equipment. This new structure would be expected to have a lifespan of more than 30 years. No chapter 30 permits are required for an in-kind replacement see attached DNR correspondence. A zoning permit will be required for work taking place within a flood plain. Cost estimates include permits, the bridge structure, removal of the existing bridge, installation of the new bridge and disposal of the old structure.

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

	Quote 1	Quote 2
	<input type="radio"/> Steel <input checked="" type="radio"/> Wooden	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:	_____ 12x40 _____	_____ 12x40 _____
Bridge Manufacturer:	_____ Wheeler Incorporated _____	_____ Contech _____
Design Weight Load	_____ 25,000 lbs. _____	_____ 25,000 lbs. _____
Cost of Structure:	1. Engineering	\$ _____
	2. Structure	\$ <u>69,405</u>
	Subtotal	\$ <u>69,405</u>
		\$ _____
		\$ <u>45,000</u>
		\$ <u>45,000</u>

	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	\$ _____	\$ <u>4,000</u>
2. Site Preparation	\$ _____	\$ _____
3. Abutments	\$ _____	\$ <u>15,000</u>
4. Pilings/Piers	\$ <u>21,000</u>	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ _____
7. Labor	\$ <u>33,240</u>	\$ <u>45,250</u>
8. Equipment Rental	\$ _____	\$ _____
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other _____	\$ _____	\$ _____
	Subtotal \$ <u>54,240</u>	\$ <u>64,250</u>
	Total Cost \$ <u>123,645</u>	\$ <u>109,250</u>

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 \$ _____

Recreation Grant Project Cost Estimate Worksheet

Form 8700-014 (R 04/22)

For use with Recreation Grant Application Forms

Project Name:		Prepared By:	Date
Bridge # X Replacment		Cody Brauner	03/23/2023
County 1	Project Applicant:	Landowner Name	<input type="radio"/> Public
Langlade	Langlade County	Robert Samolinski	<input checked="" type="radio"/> Private

Indicate - (C) Contract , (F) Force Acct., (D) Donated

	DEVELOPMENT PROJECT ITEMS <i>List by individual item or break down by Use Areas (See Item List On Back Of This Form)</i>	Quantity	Unit of Measure	Component Costs	Estimated Total Item Cost
F	Administration (Permitting/bidding/project oversight)	20	hrs	\$50.00	1,000.00
C	Floodplain Permit	1	each	\$150.00	150.00
C	Signs/posts	8	each	\$6.00	48.00
F	Equipment Use (Truck, ATV/Snowmobile and Trailer)	10	hrs	\$16.00	160.00
C	Disposal of Existing Bridge	1	each	\$1,000.00	1,000.00
TOTAL \$					\$2,358.00

NOTE:

- For development projects, contingency and indirect costs are not eligible expenses.
- For acquisition projects, complete the Acquisition Project Cost Estimate Section of this form.

Bridge # 21

Phlox Trails

Town of Norwood, Langlade County

T30N R12E Section 30



Bridge Deck Looking West



Bridge Deck Looking East



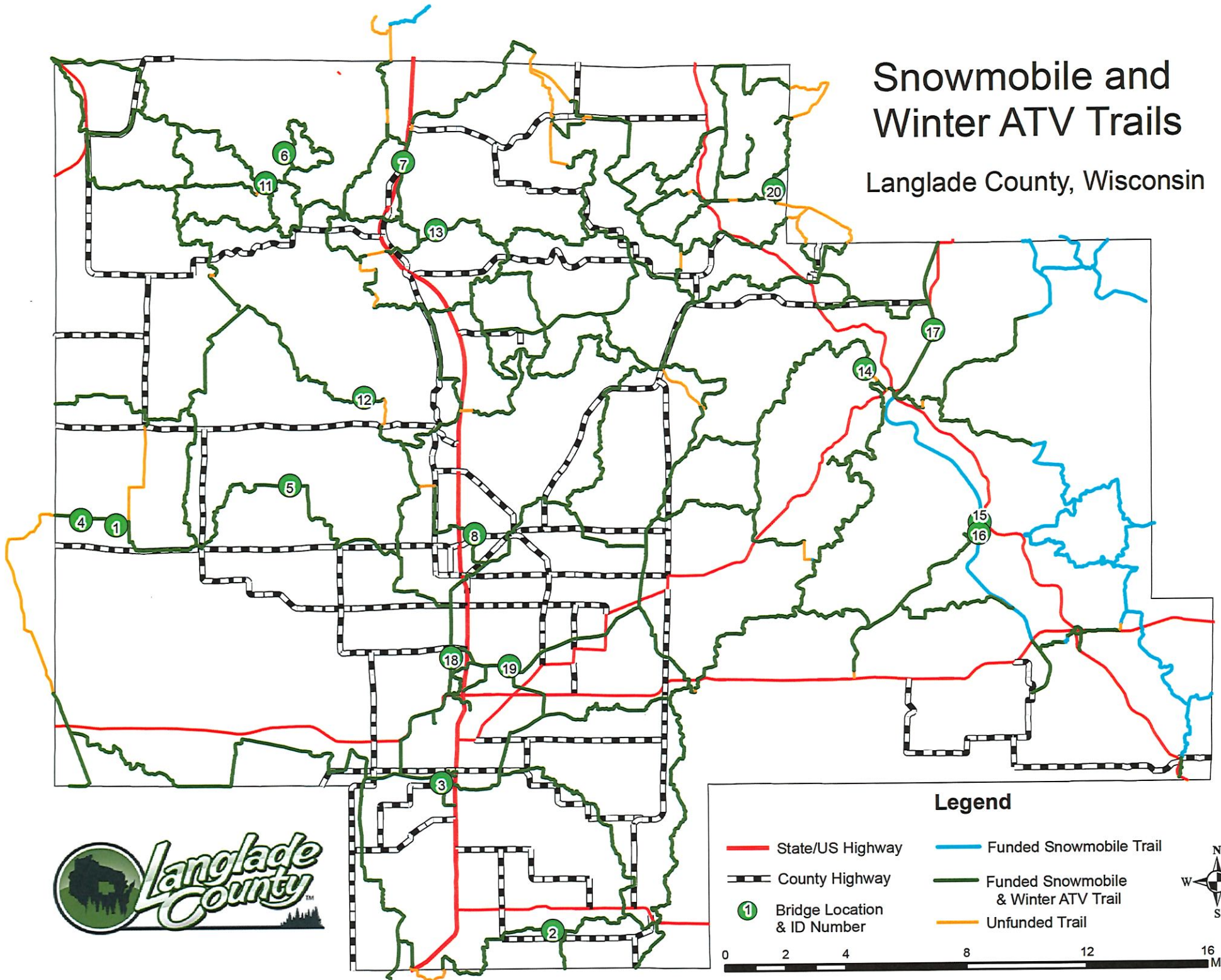
Bridge Substructure Looking West



East Abutment

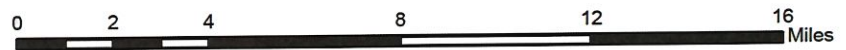
Snowmobile and Winter ATV Trails

Langlade County, Wisconsin



Legend

- State/US Highway
- County Highway
- Bridge Location & ID Number
- Funded Snowmobile Trail
- Funded Snowmobile & Winter ATV Trail
- Unfunded Trail

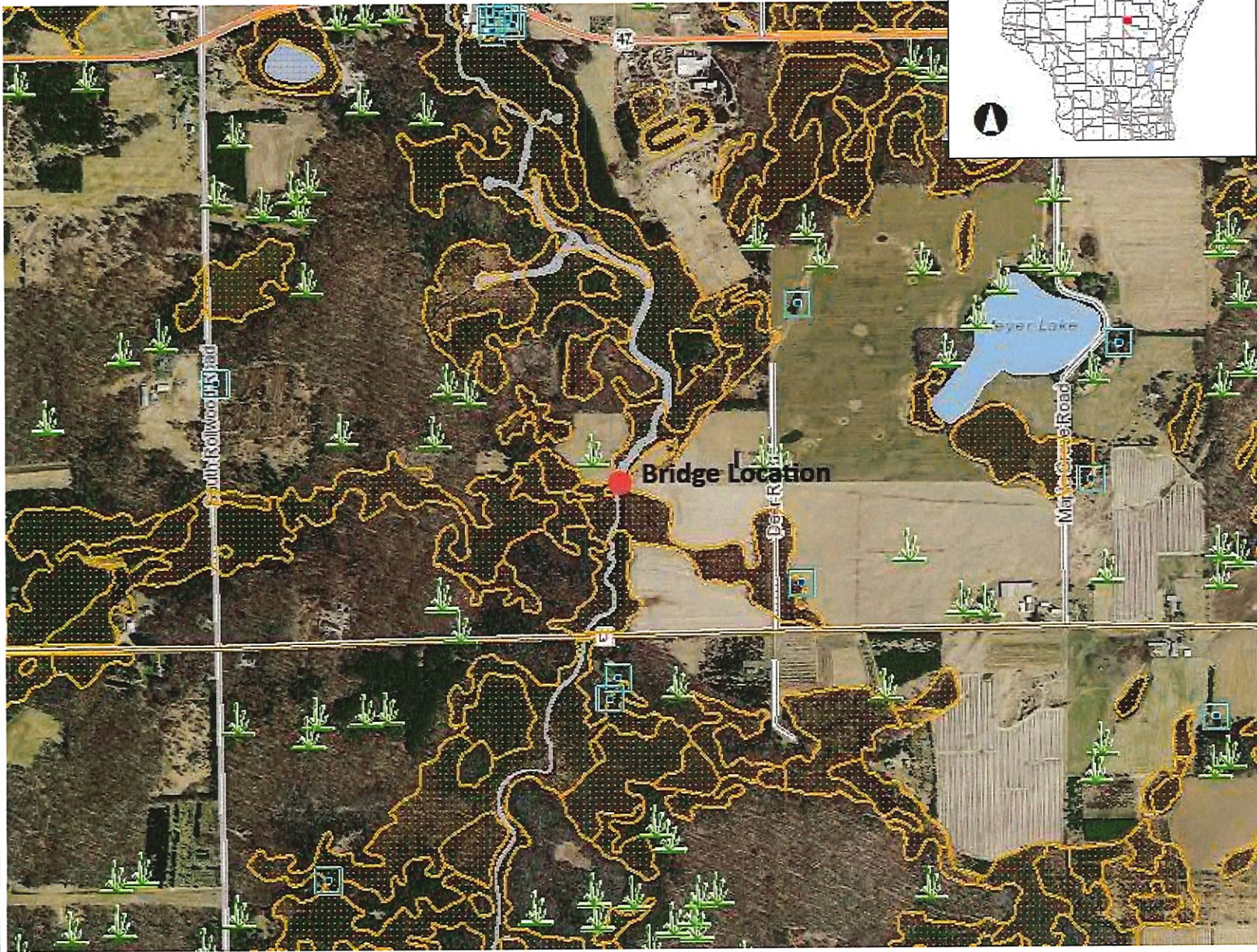


Bridge X 1 Replacement Project Langlade County, Wisconsin





Langlade County Bridge 2 Replacement Wetlands 1



Legend

- Wetland Class Areas
- Wetland Class Points
- Dammed pond
- Excavated pond
- Filled/draind wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Class Areas
- Wetland Class Points
- Dammed pond
- Excavated pond
- Filled/draind wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations
- Municipality
- State Boundaries
- County Boundaries
- Major Roads**
- Interstate Highway
- State Highway
- US Highway
- County and Local Roads**
- County HWY
- Local Road
- Railroads
- Tribal Lands
- Rivers and Streams

0.5 0 0.25 0.5 Miles

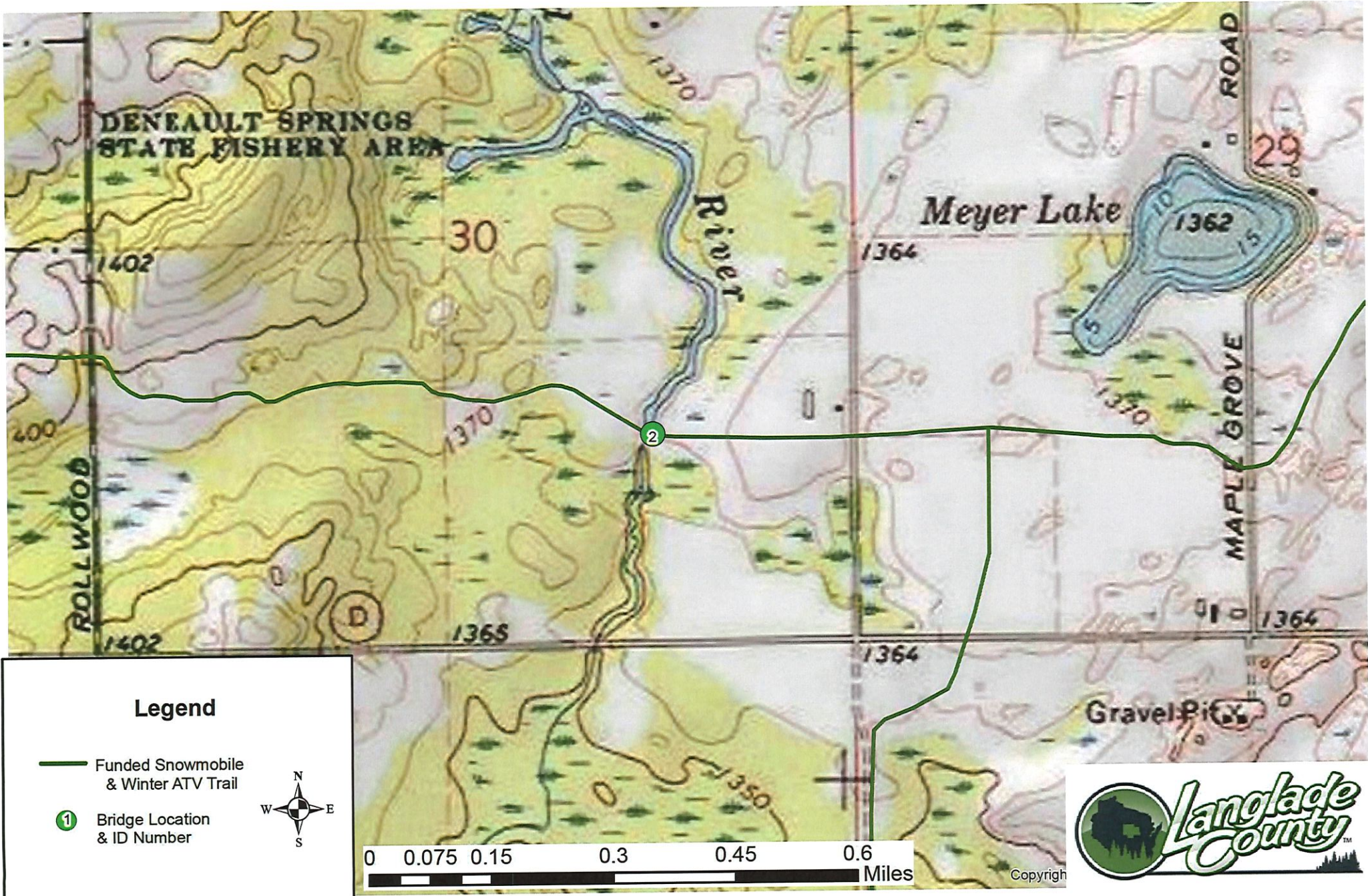
NAD_1983_HARN_Wisconsin_TM

1: 15,840

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Notes

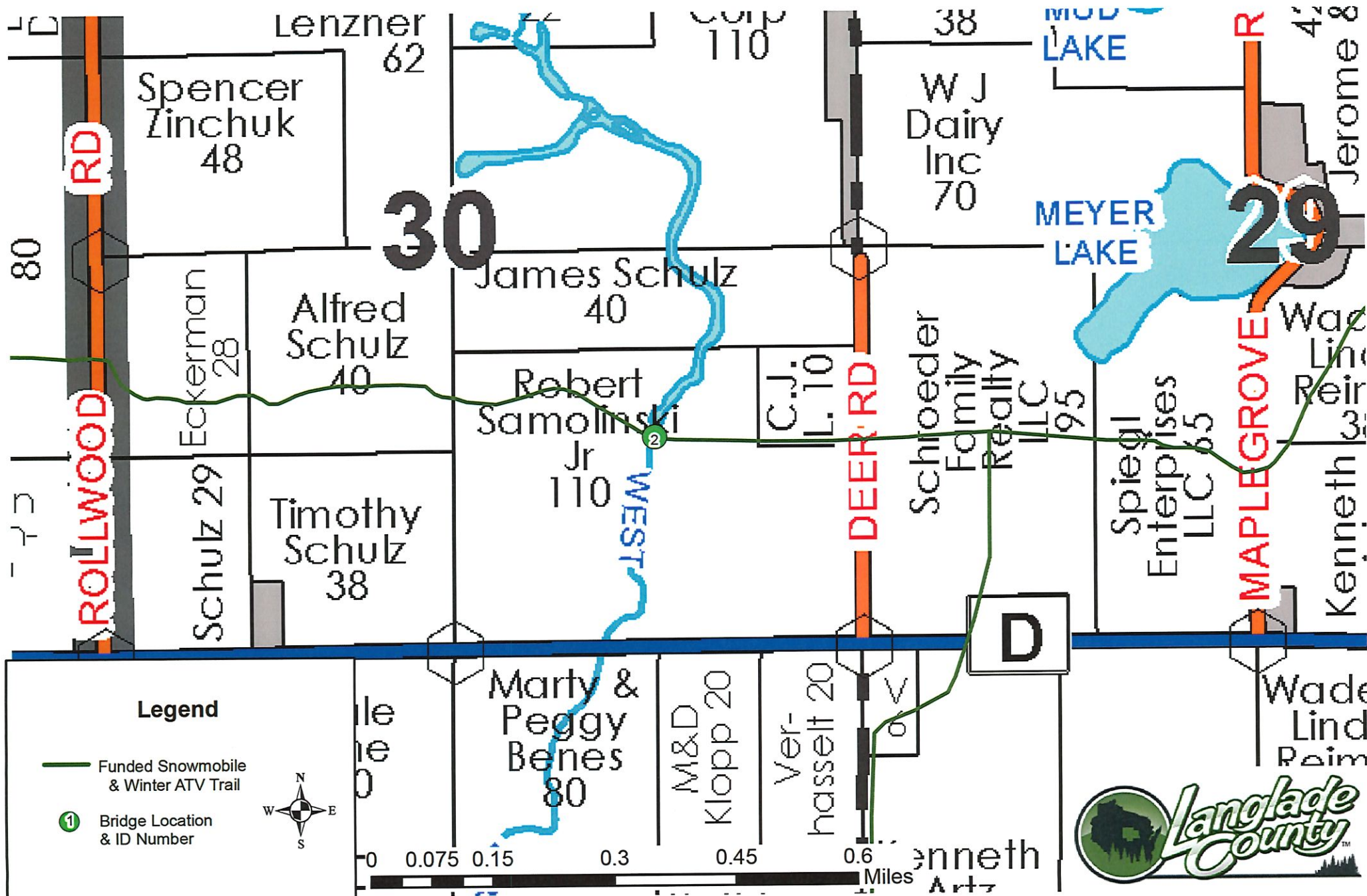
Bridge ~~X~~ 1 Replacement Project Langlade County, Wisconsin



Bridge ~~X~~ 1

Replacement Project

Langlade County, Wisconsin



Cody Brauner

From: Seidl, Jared W - DNR <Jared.Seidl@wisconsin.gov>
Sent: Thursday, January 5, 2023 9:35 AM
To: Cody Brauner
Subject: **External Email** 3 snowmobile bridges

Good Morning Cody,

Per our discussion and review of the 3 permitted snowmobile bridges listed below, no additional DNR permitting is required to repair or replace these bridges with “in-kind” bridges of the same specifications as this is deemed maintenance to those existing, previously approved structures. Be sure to contact and obtain any required authorizations from the Langlade County zoning office. Please let me know if you need any further information or assistance.

#3-NC-1990-34-1018 #2
#3-NC-1991-34-1070
#3-NC-1993-34-1031

Thanks,

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jared Seidl

Water Management Specialist – Habitat & Outdoor Recreation Team
Wisconsin Department of Natural Resources
473 Griffith Ave., Wisconsin Rapids, WI 54494
Phone: (920) 420-5960
jared.seidl@wisconsin.gov



CAUTION: This email originated from outside of our organization. Proceed with caution.



**Phlox Winter Knights
Snowmobile & ATV Club
PO Box 45 - Phlox WI 54464**

December 26, 2022

Dear Review Committee,

We are writing to request funding for a project to replace a bridge that is in the trails maintained by the Phlox Winter Knights snowmobile club. The current bridge, which spans a small river, is in poor condition and has become a safety hazard for snowmobilers, snow groomers and other recreational vehicle operators who use it.

The proposed replacement bridge will be more durable and provide a safe river crossing. In addition, the new bridge will meet or exceed current snowmobile bridge standards and be able to support the weight of groomers and other equipment, which will allow us to maintain the trails more effectively.

Our snowmobile club is an important part of our community, providing recreational opportunities and promoting tourism in the area. The bridge is a vital component of the trails that we maintain.

We appreciate your consideration of our request and look forward to using the funds provided by the grant to improve our community's recreational infrastructure.

Sincerely,

Phlox Winter Knights

Jeane Meade, Secretary