

S-54 Rusk Co Alder Creek New 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

☐ 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			Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input checked="" type="checkbox"/> Select if the same as applicant.		
Rusk County Forestry Department					
Individual Authorized to Act on Behalf of Applicant per Resolution			Check Recipient Name (Name to Appear on Check)		
Jerrad Macholl			Jerrad Macholl		
Title			Title		
Rusk County Forest Administrator			Rusk County Forest Administrator		
Address			Address		
311 Miner Ave. East S-115			311 Miner Ave. East S-115		
City	State	ZIP Code	City	State	ZIP Code
Ladysmith	WI	54848	Ladysmith	WI	54848
Telephone Number	Email Address				
(715) 532-2113	jmacholl@ruskcountywi.us				

Section 2: Project Information Required for all Projects

Project Title					Current Funded Miles	New Miles (if applicable)
Corridor 31 - Unnamed Trib. to Alder Crk. New Snowmobile Bridge.					318.7	
County	Township	Range	Section	¼ ¼	GPS Coordinates:	
Rusk	35 N	8	11	SE	Lat. 45.5234	
				SW	Long. -91.3283	

Project Description Summary

The project consists of constructing a new snowmobile bridge at a hazardous stream crossing at an unnamed tributary to Alder Creek on snowmobile trail Corridor 31. The creek is prone to flooding which can make the crossing unstable and dangerous to travelers. Relocating the trail to avoid the creek is not an option. The proposed bridge will be 36ft. long and will completely span the creek channel. Providing a bridge will make the crossing much safer for riders and reduce wear on trail maintenance equipment.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
\$60,000.00						\$60,000.00

Leave Blank – DNR Use Only

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Applicant Certification

Printed Name of Authorized Official	Official's Title
Jerrad Macholl	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

4-11-25
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 Rusk	Township 35 N	Range 8	<input type="radio"/> E <input checked="" type="radio"/> W	Section 11	¼ ¼ SE	¼ SW	GPS Coordinates: Lat. 45.5234 Long. -91.3283
Water Body Name Unnamed Trib.to Alder Crk.				Bridge Name Olson Bridge		County Inventory Number N.A.	
Funded Trail Name or Number (SNARS if applicable) Corridor 31				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 _____ New Bridge/Culvert Size 36'x12'			
Landowner Where Bridge is Located Andrew Olson				Telephone Number (715) 403-0466		Length of Trail Use Agreement (5 year minimum) 10	
Current maximum load _____ lbs.		Age of Bridge N.A.		Bridge Material Steel frame with wood decking.			
Proposed maximum load 25,000 lbs.							
Sponsoring Club Name Bruce Blue Hills Trailblazers				Club Contact Bob Engel		Telephone Number (715) 415-5995	
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? 25,000 #			
What is the weight of your puller & drag/grading equipment? 16,000 #							
What other recreational trail uses are planned for this bridge? None, snowmobile only.							
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? N.A.							
<input type="radio"/> Yes <input checked="" 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 type="radio"/> Yes <input checked="" type="radio"/> No Have you contacted your County Zoning Dept. regarding a floodplain determination?							
<input type="radio"/> Yes <input checked="" type="radio"/> No Will an H & H (hydrologic and hydraulic) study be required?							

Bridge Project Detailed Description

The project consists of constructing a snowmobile bridge at a hazardous stream crossing at an unnamed tributary to Alder Creek on snowmobile trail Corridor 31. The creek is prone to flooding which can make the crossing unstable and dangerous to travelers. Relocating the trail to avoid the creek is not an option. The proposed bridge will be 36ft. long and will completely span the creek channel. Providing a bridge will make the crossing much safer for riders and reduce wear on trail maintenance equipment.

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:	36'x12'		36'x12'
Bridge Manufacturer:	Anderson Bridges		Custom Manufacturing, Inc.
Design Weight Load	25,000 lbs.		25,000 lbs.
Cost of Structure:			
1. Engineering	\$ 4,000		\$
2. Structure	\$ 32,000		\$ 61,900
Subtotal	\$ 36,000		\$ 61,900
Quote 1		Quote 2	
<input type="radio"/> Contractor or <input type="radio"/> Sponsor		<input type="radio"/> Contractor or <input checked="" type="radio"/> Sponsor	
Estimate		Estimate	
Installation Costs:			
1. Engineering	\$		\$
2. Site Preparation	\$ 5,000		\$ 7,400
3. Abutments	\$ 12,000		\$
4. Pilings/Piers	\$		\$
5. Approaches	\$		\$
6. Riprap	\$ 2,000		\$ 2,200
7. Labor	\$ 5,000		\$
8. Equipment Rental	\$		\$
9. Culverts	\$		\$
10. H & H Study	\$		\$
11. Wetland Delineation	\$		\$
12. Other Shipping	\$		\$ 1,200
Subtotal	\$ 24,000		\$ 10,800
Total Cost	\$ 60,000		\$ 72,700

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:				
Design Weight Load				
1. Materials	\$			
2. Labor	\$			
Total	\$			



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

PROPOSAL

February 16, 2024

To: Rusk County Snowmobile Trail Coordinator

Re: Atlanta Snowmobile Bridge Budget

- 1 - **36' 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: **Rusk County, WI**
 - Engineered Drawings State Seal: **Wisconsin**

Price-----\$60,000

• Structure (Steel Truss)	\$32,000
• Engineering	\$4,000
• Soil Testing	\$0
• Site Prep	\$5,000
• Abutments	\$12,000
• Labor	\$5,000
• Rip Rap	\$2,000

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

Please call with any questions.

Thank you,

Kory S. Weathers

Recreation Grant Project Cost Estimate Worksheet

Form 8700-014 (R 02/23)

Page 1 of 2

For use with Recreation Grant Application Forms

Project Name:		Prepared By:	Date
Corridor 31 Unnamed Trib. to Alder Crk. New Snomo Bridge		Mike Zimmer	03/08/2025
County	Project Applicant:	Landowner Name	<input type="radio"/> Public
Rusk	Bruce Blue Hills Trailblazers Club	Andrew Olson	<input checked="" type="radio"/> Private

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

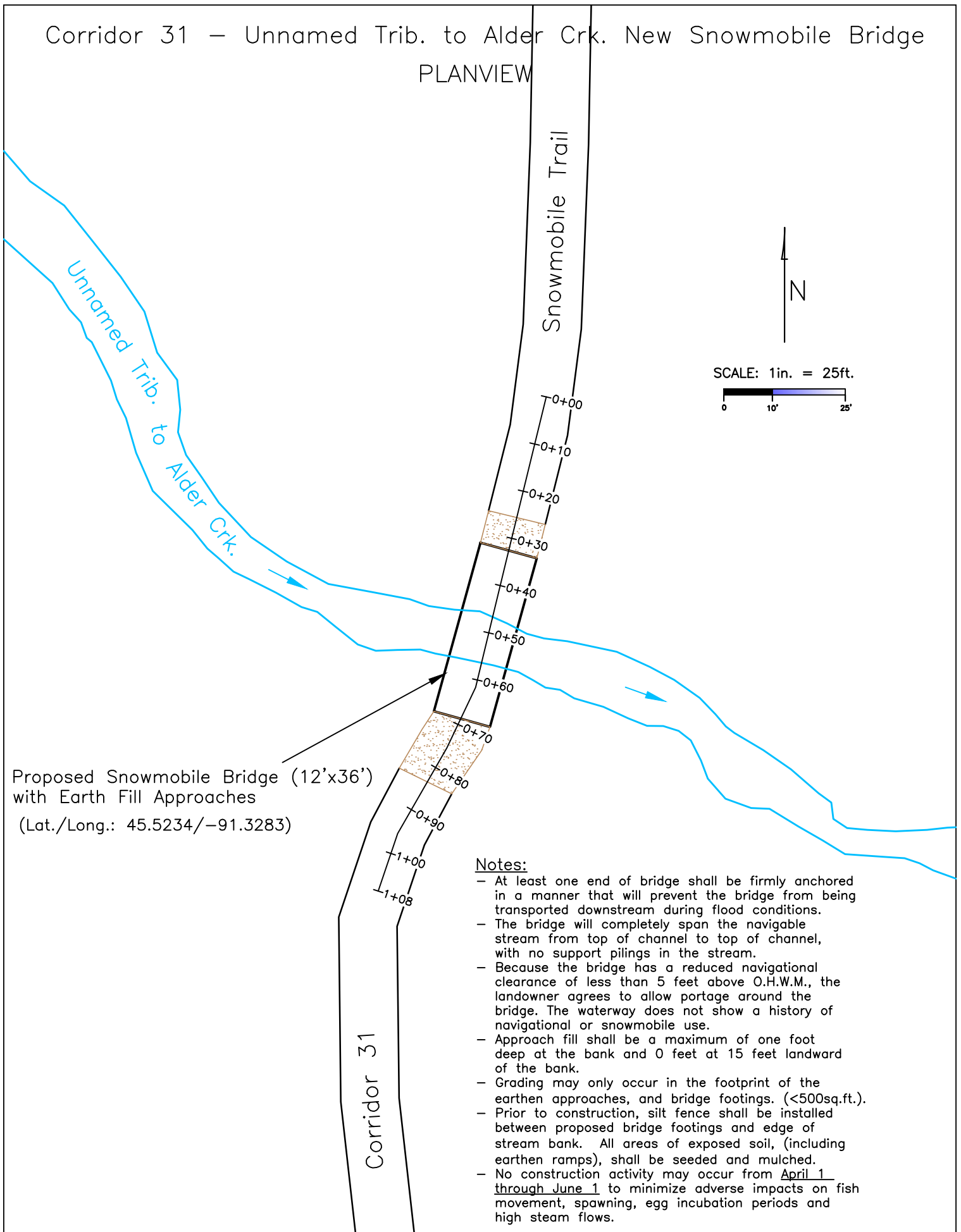
	DEVELOPMENT PROJECT ITEMS <i>List by individual item or break down by Use Areas</i> (See Item List On Back Of This Form)	Quantity	Unit of Measure	Component Costs	Estimated Total Item Cost
	Structure	1	Job	\$32,000.00	32,000.00
	Engineering	1	Job	\$4,000.00	4,000.00
	Site Prep	1	Job	\$5,000.00	5,000.00
	Abutments	1	Job	\$12,000.00	12,000.00
	Labor	1	Job	\$5,000.00	5,000.00
	Rip Rap	1	Job	\$2,000.00	2,000.00
TOTAL \$					\$60,000.00

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.

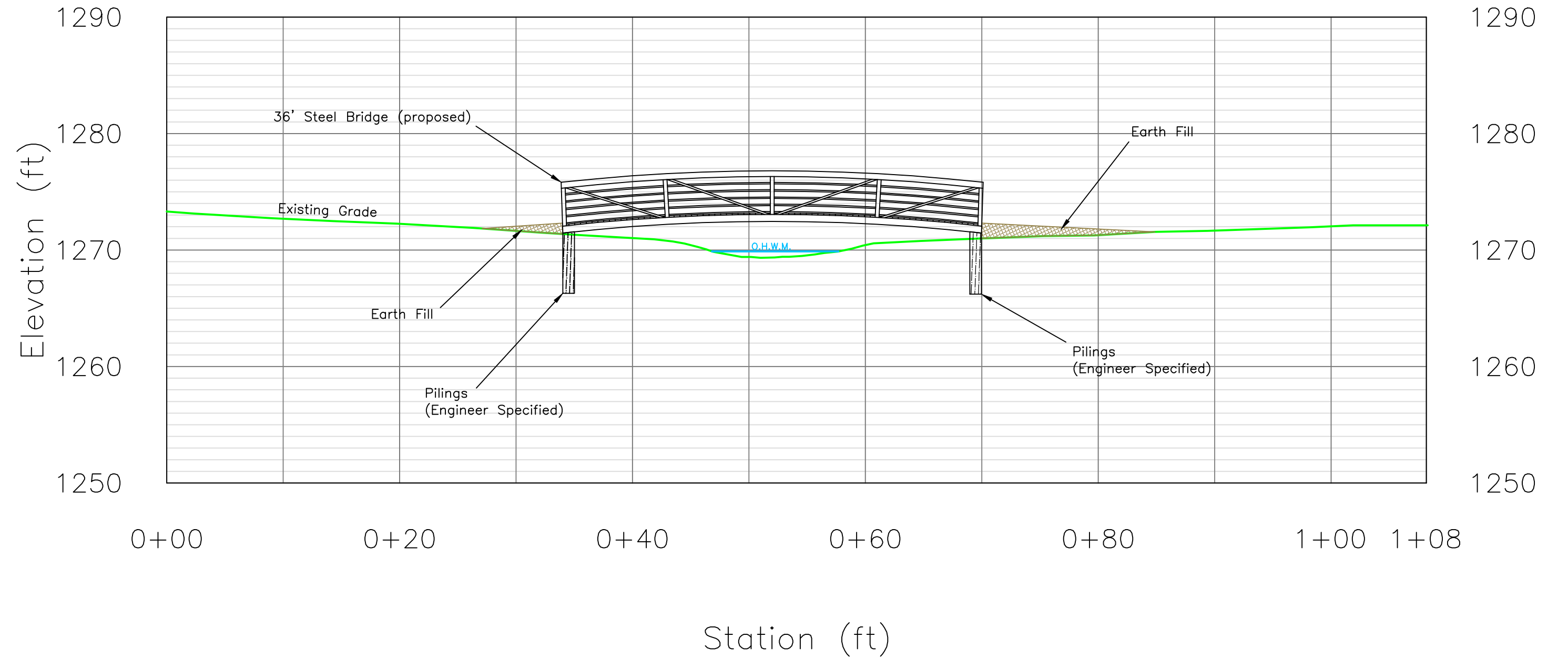
Corridor 31 – Unnamed Trib. to Alder Crk. New Snowmobile Bridge

PLANVIEW

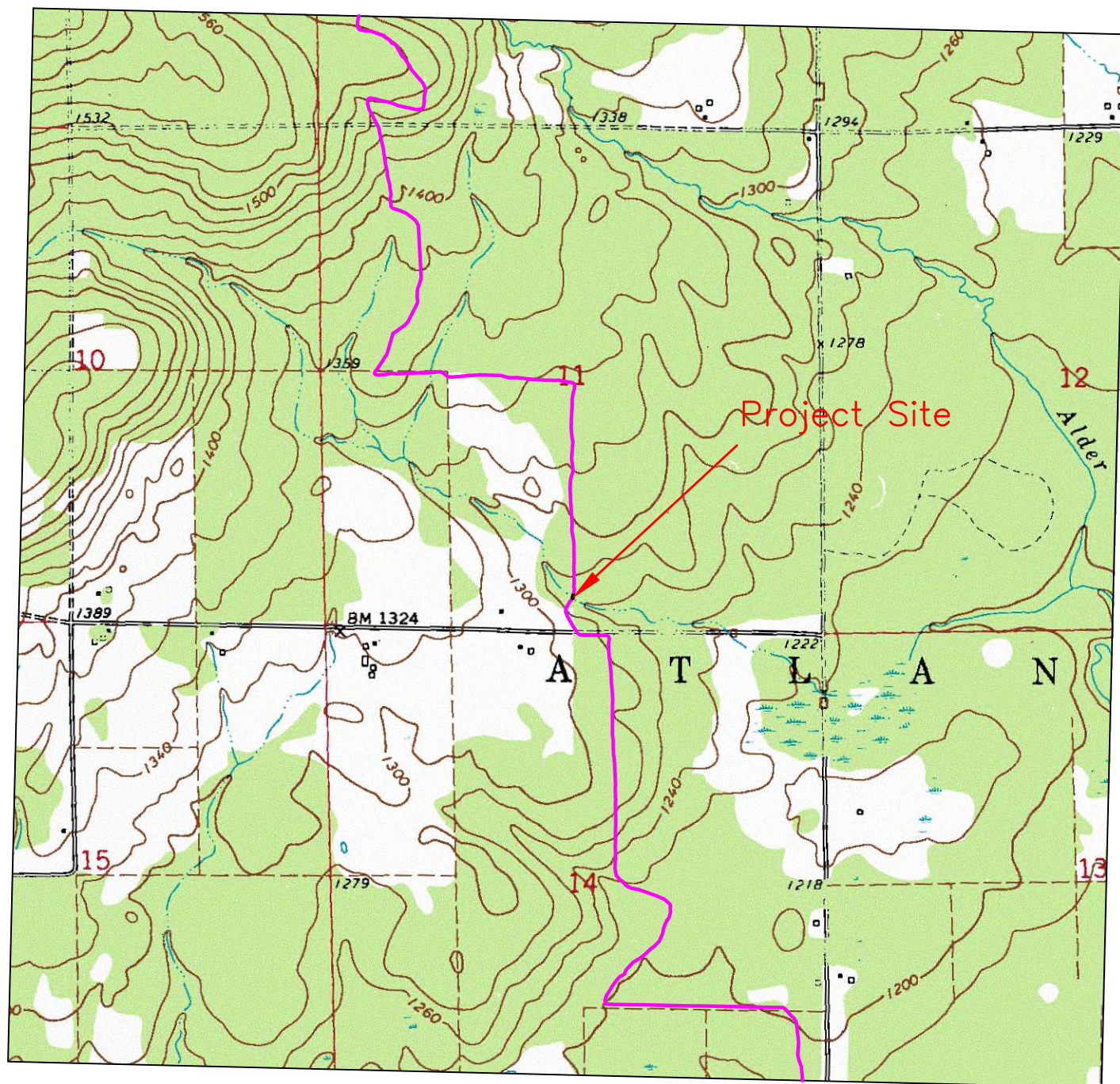


Corridor 31 - Unnamed Trib. to Alder Crk. New Snowmobile Bridge

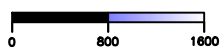
Bridge Profile



Corridor 31 – Unnamed Trib. to Alder Crk. New Snowmobile Bridge Topo Site Map



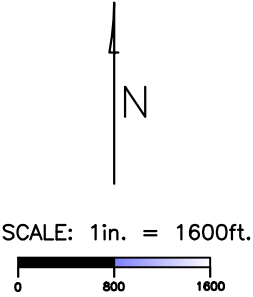
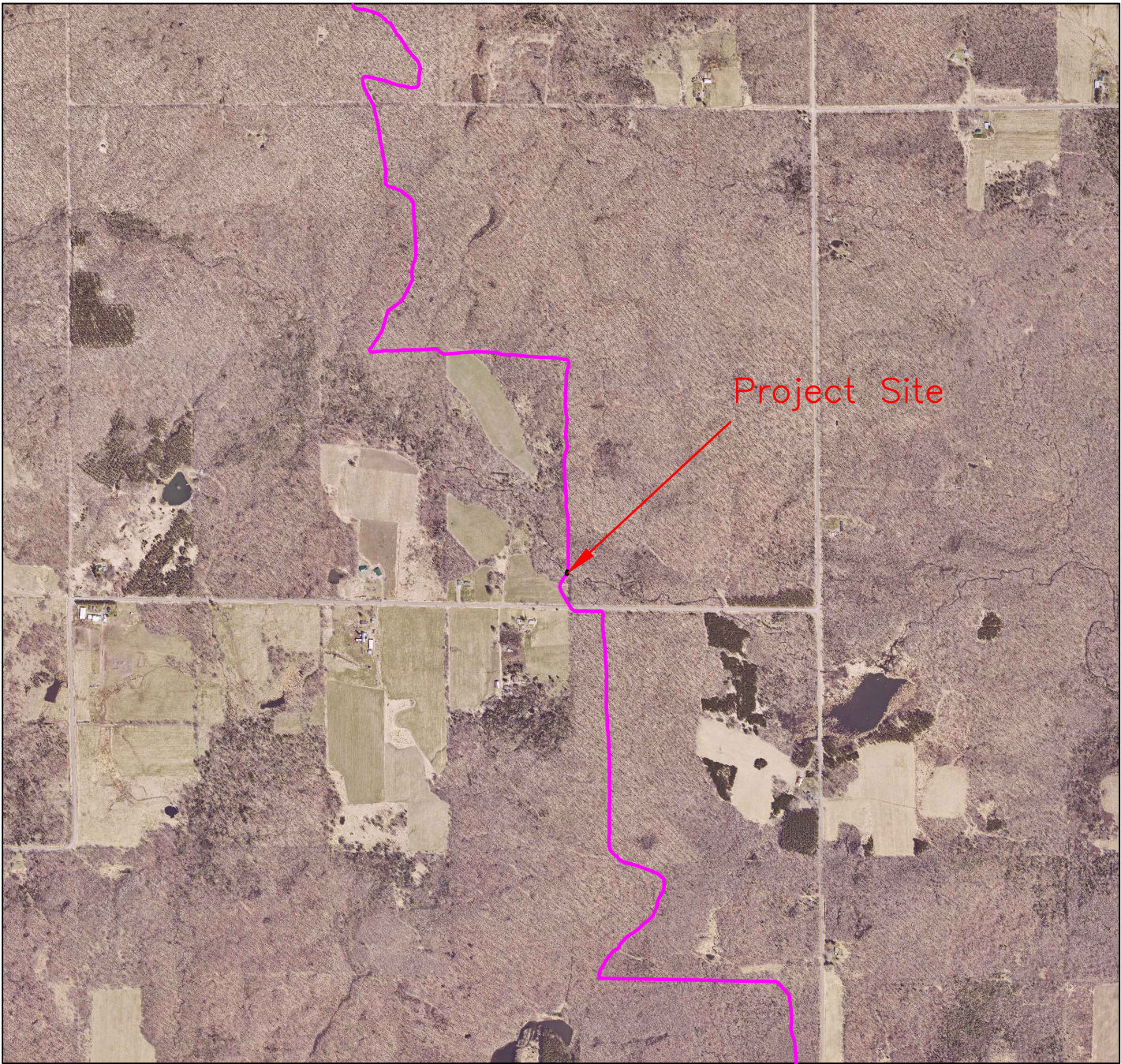
SCALE: 1in. = 1600ft.




Legend

 Snowmobile Trail Corridor 31

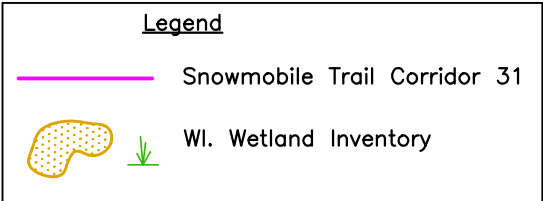
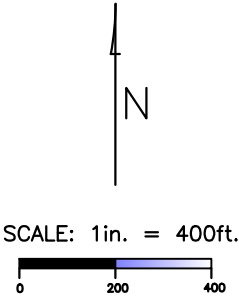
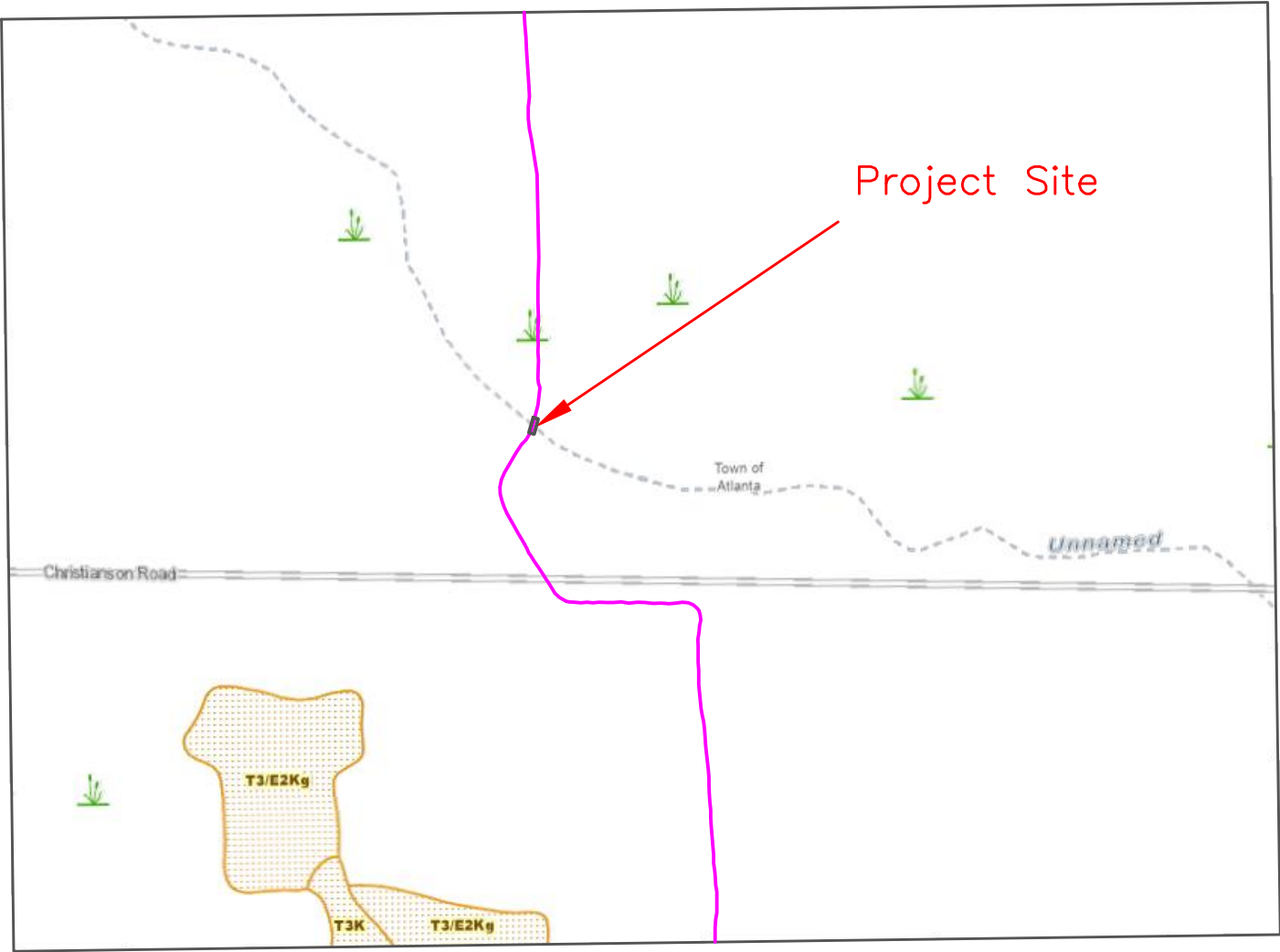
Corridor 31 – Unnamed Trib. to Alder Crk. New Snowmobile Bridge
Aerial Site Map



Legend

 Snowmobile Trail Corridor 31

Corridor 31 – Unnamed Trib. to Alder Crk. New Snowmobile Bridge
Wetland Site Map



Corridor 31 – Unnamed Trib. to Alder Crk. New Snowmobile Bridge
Site Photos (Proposed Bridge Site)

Photo Date: 4/24



View Looking North, Across Stream



View Looking South, Across Stream



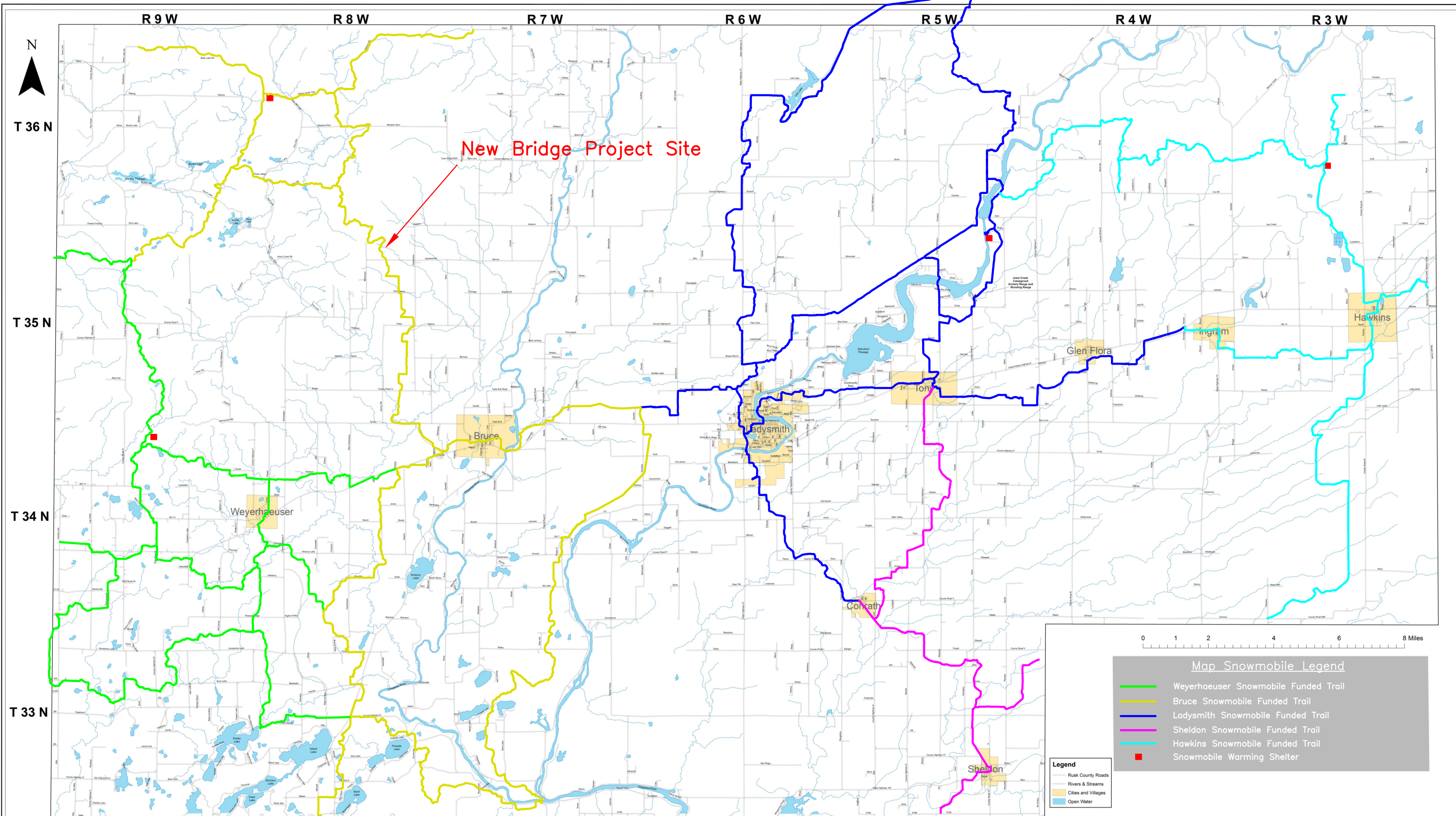
View Looking West, Upstream



View Looking East, Downstream

Rusk County Snowmobile Trail Map 2025

Bruce Corridor 31 – New 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	N.A.
2 Permits (maximum points 4)		
Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	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	—
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 site</u>	3	—
3-9 deeded easement 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	— 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	N.A.
20 miles or more	3	N.A.
No other snowmobile trails connect. Explain:	4	N.A.
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		0 1

Comments/Notes: