





**Larson Construction Co Inc**

19681 - 55th Avenue  
 Chippewa Falls WI 54729  
 PH 715.723.9708  
 FX 715.723.4515

**Budget for 90' truss bridge installed in Antigo, Wisconsin (Langlade County)**

BASE BID						
Line No	Item No	Description	Quantity	Unit	Unit Price	Total
16	201.0105	Clearing	1.00	STA	\$ 1,200.00	\$ 1,200.00
17	201.0205	Grubbing	1.00	STA	\$ 1,200.00	\$ 1,200.00
18	203.0260	Removing Structure Over Waterway With Minimal Debris	1.00	LS	\$ 16,000.00	\$ 16,000.00
19	205.0100	Common Excavation	20.00	CY	\$ 22.00	\$ 440.00
20	206.1001	Excavation For Structures, Bridges	1.00	LS	\$ 4,500.00	\$ 4,500.00
21	210.1100	Backfill, Structure Type A	70.00	CY	\$ 45.00	\$ 3,150.00
22	305.0115	Base Aggregate, Dense 3/4"	20.00	CY	\$ 60.00	\$ 1,200.00
23	502.0100	Concrete Masonry, Bridges	18.00	CY	\$ 1,250.00	\$ 22,500.00
24	550.2102	Piling C/P Concrete 10-3/4" x 0.219-Inch	160.00	LF	\$ 70.00	\$ 11,200.00
25	606.0300	Riprap, Heavy	50.00	CY	\$ 94.70	\$ 4,735.00
27	628.1504	Silt Fence	200.00	LF	\$ 8.00	\$ 1,600.00
28	628.1520	Silt Fence Maintenance	200.00	LF	\$ 0.01	\$ 2.00
29	628.1905	Mobilizations, Erosion Control	1.00	1	\$ 600.00	\$ 600.00
30	628.1910	Mobilizations, Emergency Erosion Control	1.00	1	\$ 50.00	\$ 50.00
21	629.0210	Fertilizer Type B	0.20	CWT	\$ 500.00	\$ 100.00
32	630.0110	Seeding Mixture #10	10.00	LB	\$ 25.00	\$ 250.00
33	643.5000	Traffic Control	1.00	EA	\$ 2,500.00	\$ 2,500.00
34	645.0111	Geotextile Type DF, Schedule A	30.00	SY	\$ 5.00	\$ 150.00
35	645.0120	Geotextile Type HR	150.00	SY	\$ 5.00	\$ 750.00
36	05 12 43	Prefabricated Metal Truss Bridge, 90' Wheeler Steel Truss	1.00	EA	\$220,390.00	\$ 220,390.00
<b>TOTAL ESTIMATE</b>						<b>\$ 292,617.00</b>

- Notes:
- 1 Larson Construction is a Union Contractor.
  - 2 Utility conflicts to be resolved with help from the Prime Contractor
  - 3 Prime can choose options by group

Signed: \_\_\_\_\_ *Tim MacLaughlin-Barok, Vice President, Operations* \_\_\_\_\_

Date: 2/3/2026

Accepted: \_\_\_\_\_

Date: \_\_\_\_\_

February 2, 2026

Mr. Cody Brauner, Assistant Forest Administrator  
LANGLADE COUNTY FORESTRY DEPARTMENT  
1633 Neva Road  
Antigo, WI 54409

RE: Lily Snowmobile Bridge Proposal

Dear Mr. Brauner:

Thank you for allowing Robert E. Lee & Associates, Inc. (REL) the opportunity to provide this proposal for engineering design, bidding, and construction services for the proposed snowmobile crossing of the Lily River.

### PROJECT UNDERSTANDING

The Langlade County Forestry Department intends to construct a new snowmobile bridge over the Lily River immediately west of STH 55. The existing Wisconsin DOT STH 55 bridge is a 57' long, single span structure. We anticipate the new snowmobile bridge to be a single span structure with a slightly longer span due to the angle of the river at this location.



## Design Scope of Services

REL proposes to complete the project according to the following scope of services.

### Field Survey

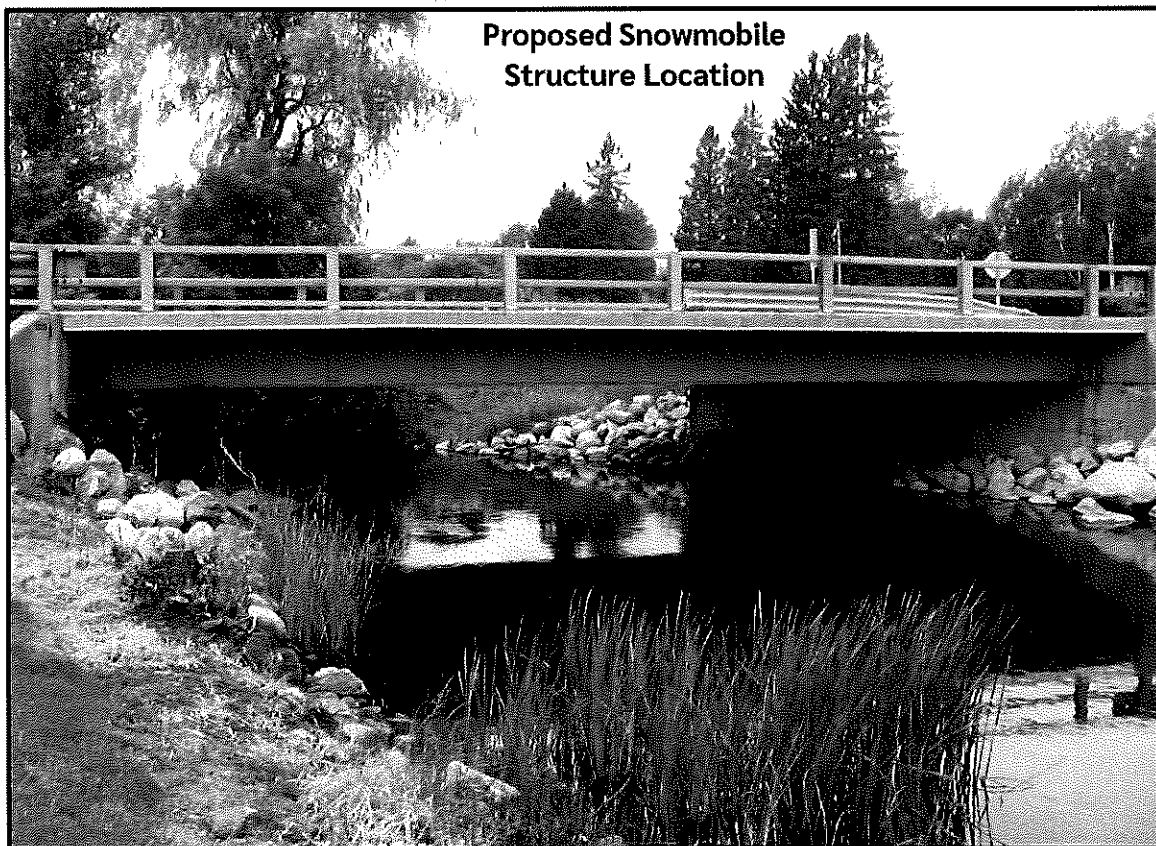
- Conduct field topographic survey of the existing roadways, including the adjacent STH 55 bridge and roadway. Additional shots upstream and downstream for hydraulic computations will be taken.
- Call diggers hotline to locate utilities and pick up marked utilities with survey.
- Survey wetland delineation boundaries.
- Pictures of the existing roadway and storm sewer structures will be taken.

### Wetland Delineation

- Conduct a wetland delineation of the site by a REL certified wetland delineator.
- Prepare a wetland delineation report as needed for WDNR permit submittals.

### Hydrologic and Hydraulic Study

- Prepare a hydrologic and hydraulic study (H&H study) needed for WDNR permit submittals.
- Coordinate with WisDOT Bureau of Structures with the H&H study findings.
- Determine clear width of structure based on H&H study.



### **Preliminary Design**

- Engineer site review and kick off meeting on site.
- Layout the bridge location crossing the river, and coordinate allowable proximity with the existing STH 55 bridge with WisDOT.
- Prepare roadway plan and profile sheets.
- Prepare and submit permit applications to WDNR and other regulatory agencies as needed.
- Determine proposed alignment and profile for the structure and adjacent connecting trail.
- Prepare preliminary quantities & estimate.

### **Final Design**

- Finalize plans incorporating structure specifics.
- Prepare special provisions.
- Prepare final quantities and estimate.

### **Meetings**

- Preliminary design meeting to review scope and schedule (in-person, on-site).
- Final design meeting to review plans, specifications, and estimate (virtual).

### **Bidding Services**

- Prepare Ad for Bid and bidding documents.
- Distribute copies of digital plans and specifications to contractors via QuestCDN.com.
- Answer contractor's questions.
- Prepare addenda, if needed.
- Attend bid opening (virtually).
- Review bids and make a recommendation of award to the Langlade County Forestry Department with the lowest responsive bid.
- Prepare construction contracts.

### **Construction Administration Services**

- Attend preconstruction meeting.
- Provide construction staking (two trips anticipated).
- Provide construction oversight daily for the duration of the construction project (five weeks anticipated).

### **Work by the Langlade County Forestry Department**

- Advertisement cost for Ad for Bid.
- Plan and specification duplication costs.

**Tasks not Included**

- Hazardous material investigation
- Archaeological/Historical Investigation
- Title searches
- Right-of-way plat
- Right-of-way monumentation

**SCHEDULE**

To be determined once funding is secure.

**COMPENSATION**

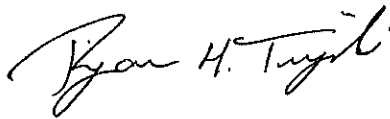
REL proposes the following fees as outline in our Scope of Services at our standard hourly rates plus expenses, all estimated at:

Survey, Design, & Bidding ( <i>Lump Sum</i> )	\$38,000
Construction Administration ( <i>T&amp;E Estimated</i> )	<u>\$46,000</u>
	\$84,000

We appreciate the opportunity to submit this proposal for engineering services. If you have any questions or require additional information, please contact us. Attached, and made part of this proposal, is a copy of our Standard Terms and Conditions, dated June 2006. If this proposal is acceptable, please sign in the location below and return one copy for our files. We look forward to continuing our relationship with the Langlade County Forestry Department.

Sincerely

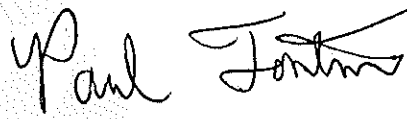
ROBERT E. LEE & ASSOCIATES, INC.



Ryan H. Trzinski, P.E., V.P.  
Construction Services Manager

RHT/PAF/NJM

ENC.



Paul A. Fontecchio, P.E.  
Senior Project Engineer

**ACCEPTED BY THE LANGLADE COUNTY FORESTRY DEPARTMENT**

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Signature \_\_\_\_\_ Date \_\_\_\_\_ Print Name \_\_\_\_\_

Guidelines for Applicant

Complete this form for each relocation you are submitting a grant application for. Provide any additional documents not requested on application checklist to substantiate your points, including actual deeded easements.

<b>Mandatory or Discretionary?</b> (no points)	
A) Trail is already closed or will be closed for the upcoming season. = <b>Mandatory</b>	B
B) Trail won't be closed for the coming season, but relocation is preferable for landowner request. to avoid road use. etc = <b>Discretionary</b>	

Category		Possible Points	Actual Points
<b>1</b>	<b>Maintenance Increase Only</b>		
	New trail footprint has already been cleared/constructed, application is requesting only a maintenance increase	2	
<b>2</b>	<b>Dedicated Highway Rec Wing</b>		
	An opportunity to develop a dedicated rec wing on a highway will allow for increased safety of trail users by getting them off of a shared highway bridge.	2	
<b>3</b>	<b>Funding</b> (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	
	0% - 10% from other funding source(s)?	0	
<b>4</b>	<b>Length of Written Easements or Land Use Agreement</b> (max points 4) (ch. 23.09(26)(am)1 WI Stats)		
	On public land (County, State, Federal)	4	4
	10 or more year <b>deeded easement</b> on private land or other public land, for all portions of that trail segment to the nearest road on each side	3	
	3-9 year <b>deeded easement</b> on private land or other public land, for all portions of that trail to the nearest road on each side	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	
<b>5</b>	<b>Miles Impacted</b> – How many miles will need to rerouted if the trail is shut down? Measured from nearest intersection on both sides of lost segment. (max 4 points)		
	Less than 20 miles	1	1
	20 miles or more	3	
	No other snowmobile trails connect. Explain:	4	
	<b>DEDUCTIONS</b>		
<b>8</b>	<b>County Active Project Deduction</b> (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	
<b>GRAND TOTAL</b>			<b>7</b>

**Motorized Recreation Grant Application**

For: (choose all that apply)

**Due Date: April 15**

- ATV/UTV Trail Aid
- Snowmobile Trail Aid
- Motorized Stewardship - 20% County match required

**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 Open 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.

Project Number
----------------

Section 1: Applicant Information					
Applicant / Organization Name			Check Recipient: Individual other than authorized individual to act on behalf of the applicant. Provide check recipient information below:		
Langlade County Forestry Department					
Individual Authorized to Act on Behalf of Applicant per Resolution			Check Recipient Name (Name to Appear on Check)		
Erik Rantala			Langlade County Treasurer		
Title			Title		
Forest Administrator					
Address			Address		
1633 Neva Road			1633 Neva Road		
City	State	ZIP Code	City	State	ZIP Code
Antigo	WI	54409	Antigo	WI	54409
Telephone Number		Email Address			
(715) 627-6300		erantala@co.langlade.wi.us			

Section 2: Project Information Required for all Projects						
Project Title				Current Funded Miles	New Miles (if applicable)	
Lily Snowmobile Bridge crossing				551.7		
County	Township	Range	Section	1/4 1/4	1/4	GPS Coordinates:
Langlade	33 N	13	27	SW	SE	Lat. 45.3071 Long. -88.8546

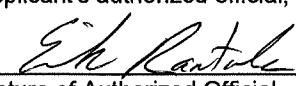
**Project Description**

The Lily Sno Birds and Langlade County are proposing to relocate a State funded trail off of a State Highway 55 bridge across the Lily River to a stand alone, snowmobile only structure. This highway bridge recently was repaved and the guardrails were extended significantly, resulting in a longer distance that snowmobiles are on the bridge. Currently this trail crosses the bridge at an angle rather than stay in the lane of traffic. Sight lines are poor to the north as well. These conditions present a potential safety hazard, and would be remedied by a dedicated snowmobile bridge. This crossing is a critical part of State Trail Corridor #9, and intersects with State Corridor #16 approximately 1/3 mile south of this bridge. These corridor trails produce heavy snowmobile traffic from adjacent Oconto and Forest counties.

Estimated Cost						
Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
			\$102,500.00			\$102,500.00
Leave Blank – DNR Use Only						

Applicant Certification	
Printed Name of Authorized Official	Official's Title
Erik Rantala	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

4/13/18  
 Date Prepared

**Appendix A – Bridge Rehabilitation or New Bridge Development**

**Completion of this form is required for any bridge rehabilitation or new bridge development project.**

Bridge Rehabilitation     New Bridge     Reroute with new bridge

County Langlade	Township 33 N	Range 13	Section <input checked="" type="radio"/> E <input type="radio"/> W 27	¼ ¼ SW	¼ SE	GPS Coordinates: Lat. 45.3071 Long. -88.8546
Water Body Name Lily River			Bridge Name		Inventory Number	
Funded Trail Name or Number Corridor 9			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 DOT and DNR			Telephone Number		Length of Trail Use Agreement (5 year minimum)	
Current maximum load _____ lbs.		Age of Bridge		Bridge Material		
Proposed maximum load    25,000 lbs.				Steel		
Sponsoring Club Name Lily Sno Birds			Club Contact Dave Peterson		Telephone Number (715) 216-0979	
Do you have your trail bridges posted as to maximum load? <input type="radio"/> Yes <input checked="" type="radio"/> No			What is the max load of the other bridges on the system if groomed with this bridge?			
What is the weight of your equipment? 25,000						
What other recreational trail uses are planned for this bridge? none						
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    Did you provide basic design and location information? (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?    Cost Estimate: \_\_\_\_\_ \$4,500

**Bridge Rehabilitation Project – Project Summary (Please use additional sheets if necessary.)**

**New Bridge – Project Summary (Please use additional sheets if necessary.)**

Construct new 70' (approximate) bridge for snowmobile use adjacent to Highway 55 bridge to separate snowmobiles from motor vehicles to address safety concerns. This proposed bridge will eliminate the unsafe snowmobile crossing on the existing Highway 55 bridge that currently exists. The current crossing requires a diagonal path of approximately 160 feet and can be difficult to navigate while there is no snow on the bridge. The new bridge would be located on DNR and DOT property next to the current highway bridge. The trail would continue south of the Hwy 52 intersection, and would cross Hwy 55 at a 90 degree angle, allowing for proper sight lines to the north and south.

**Appendix A (continued)**

**Summarize Costs in Appropriate Categories:**

**Prefab Structure**

	<b>Quote 1</b>	<b>Quote 2</b>
	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden	<input type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:	<u>70' x 12'</u>	<u>70' x 12'</u>
Bridge Manufacturer:	<u>Anderson Bridges</u>	<u>Contech Engineered Solutions</u>
Design Weight Load	<u>25,000 lbs.</u>	<u>25,000 lbs.</u>
<b>Cost of Structure:</b>		
1. Engineering	\$ <u>5,000</u>	\$ <u>5,000</u>
2. Structure	\$ <u>65,000</u>	\$ <u>63,500</u>
<b>Subtotal</b>	<b>\$ <u>70,000</u></b>	<b>\$ <u>68,500</u></b>

	<b>Quote 1</b>	<b>Quote 2</b>
	<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	\$ <u>5,000</u>	\$ <u>5,000</u>
2. Site Preparation	\$ <u>2,000</u>	\$ <u>2,000</u>
3. Abutments	\$ <u>6,000</u>	\$ <u>6,000</u>
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ <u>2,000</u>	\$ <u>2,000</u>
7. Labor	\$ <u>5,000</u>	\$ <u>5,000</u>
8. Equipment Rental	\$ _____	\$ _____
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ <u>4,500</u>	\$ <u>4,500</u>
11. Wetland Delineation	\$ <u>2,000</u>	\$ <u>2,000</u>
12. Other <u>Electrical service relocate</u>	\$ <u>7,500</u>	\$ <u>7,500</u>
<b>Subtotal</b>	<b>\$ <u>34,000</u></b>	<b>\$ <u>34,000</u></b>
<b>Total Cost</b>	<b>\$ <u>104,000</u></b>	<b>\$ <u>102,500</u></b>

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

**Hand Built Structure**       Contractor     Sponsor     Club

Bridge Dimensions:	_____		
Design Weight Load	_____ lbs.		
1. Engineering	\$ _____	6. Approaches	\$ _____
2. Site Preparation	\$ _____	7. Riprap	\$ _____
3. Structure Materials	\$ _____	8. Labor	\$ _____
4. Abutments	\$ _____	9. Equipment Rental	\$ _____
5. Pilings/Piers	\$ _____	10. Other _____	\$ _____

Ranking Tool at the time of original application.

*Langlade Lily River*

ReRoute Ranking Tool

Guidelines for Applicant

Complete this form for each trail relocation application you are submitting. Provide any additional documents not requested as part of the general application to substantiate your points other than the actual easements.

Guidelines for the Council

These are guidelines and will be reviewed by the Council yearly after each funding meeting. Any changes to the points changed by the Council, will be justified in writing to the County shortly after the funding meeting.

Category		Possible Points	Actual Points
<b>1</b>	<b>Reason for ReRoute -- Discretionary Only (maximum points 5)</b>		
	Municipality request	5	5
	Natural disaster	5	
	Landowner request	3	
<b>2</b>	<b>Length of Land Use Agreement (LUA) (maximum points 15)</b>		
	On public land (County, State, Federal) (with a written agreement)	17	17
	20 years or more on private land or other public land	15	
	10-19 years on private land or other public land	12	
	6-9 years on private land or other public land	10	
	3-5 years on private land or other public land	5	
<b>3</b>	<b>Safety (maximum points 5)</b>		
	Avoids Road Crossings	5	5
<b>4</b>	<b>Type of Trail (maximum points 10)</b>		
	Corridor	10	10
	Non-Corridor	5	
<b>5</b>	<b>Miles Lost (maximum points 10)</b>		
	More than 5	10	
	5 or less	5	
<b>6</b>	<b>Funds from Others or Other Grants (maximum points 10)</b>		
	51% or greater	10	
	26-50%	5	5
	25% or less	2	
<b>7</b>	<b>Mean Snowfall (maximum points 5)</b>		
	100" or more	5	
	60" or more	3	
	40" or more	2	2
	Less than 40"	1	
<b>8</b>	<b>County Coordinator Priority Points (10 pts per County)</b>	10	5
	Sub Total		
<b>DEDUCTIONS</b>			
<b>1</b>	<b>County Active Project Deduction (maximum deductions 10 points)</b> An snowmobile active project is one that has exceeded it's initial grant period.		
	One Project	-5	
	More than 1 project	-10	
<b>2</b>	<b>Rail Crossing</b>	-10	
<b>3</b>	<b>Incomplete Application Deduction (Identified by CSS)</b>	-10	
<b>GRAND TOTAL</b>			<b>49</b>

ATTACHMENT: One County snowmobile map with all bridge and trail projects identified

# Aerial Photo- Trails



Bridge Location

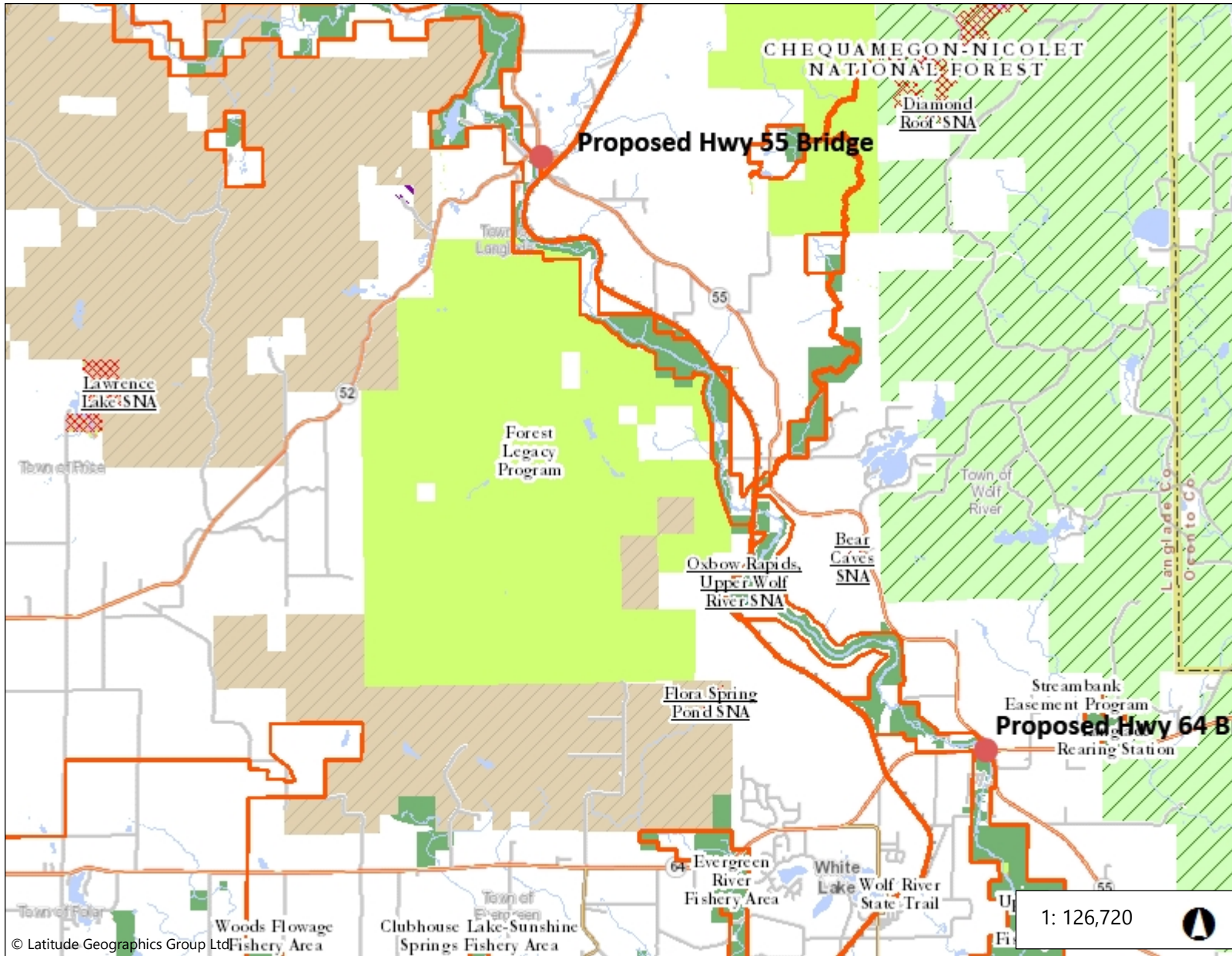


Snowmobile Trail





# Upper Wolf River FA Proposed Bridges



## Map Features

- Total Project Boundary
- State Natural Area Project Boundary
- Natural Area Parcel Ownership
  - Non-DNR
  - WI DNR
- Stewardship Grant Acquisition:
  - Local Park
  - County Forest
  - Board of Commissioners of Public Safety
  - DNR Owned
    - Open to All Activities
    - Open to Hike and Fish, No Hunt/Trap
    - Open to Hike, Hunt/Trap, No Fish
    - Open to All, No Trapping
    - Open for Game Activities Only, No Trapping
    - Open to Hike Only
- DNR Easement
  - Open to All Activities
  - Open to Hike and Fish, No Hunt/Trap
  - Open to Hike and Hunt/Trap, No Fish
  - Open to All, No Trapping
  - Open to Game Fish and Hunt/Trap, No Trapping
  - Open to Game Fish and Hunt, No Trapping
  - Open to Hunt/Trap, No Hike or Fish
  - Open to Game Hunt Only
  - Open to Hike Only
- DNR Leased Land
  - Open to Game Fish and Hunt/Trap, No Trapping
  - Open to All Activities
- U.S. Fish & Wildlife Service

## Notes

© Latitude Geographics Group Ltd

4.0 0 2.0 4.0 Miles

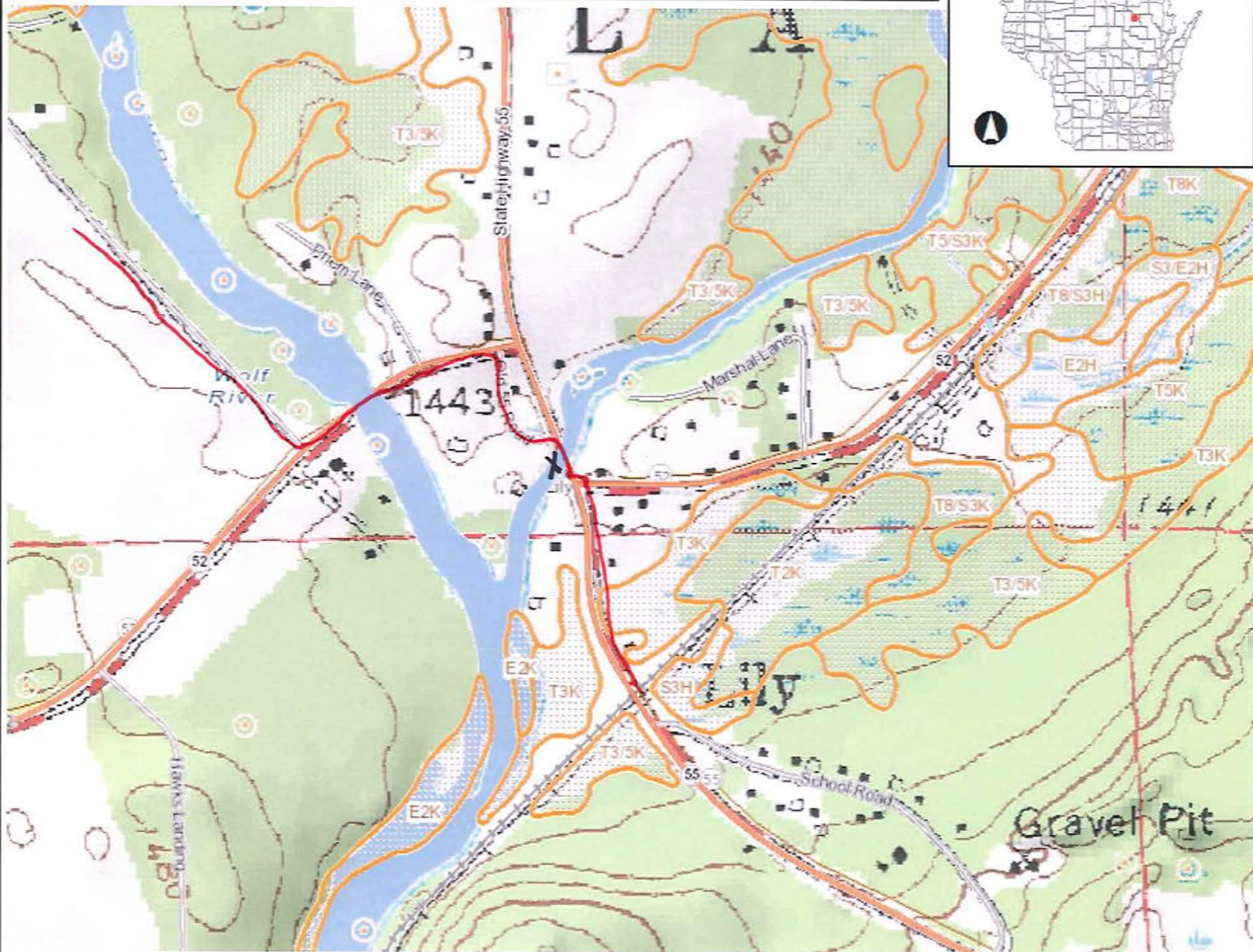
Projection: NAD\_1983\_HARN\_Wisconsin\_TM

Map created: 6/3/2020

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# Surface Water Data Viewer Map



## Legend

- ◆ Wetland Identifications and Confirmations
- Wetland Class Points
  - ▲ Dammed pond
  - ◻ Excavated pond
  - ◻ Filled excavated pond
  - ▲ Filled/draind wetland
  - Wetland too small to delineate
- ▨ Filled Points
- Wetland Class Areas
  - ▨ Wetland
  - ◻ Upland
- ▨ Filled Areas
- Intermittent Streams
- 24K Hydrography Streams and Rivers
- 24K Hydrography Lakes and Open Water
- 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
- Intermittent Streams
- Lakes and Open water

0.3 0 0.13 0.3 Miles

NAD\_1983\_HARN\_Wisconsin\_TM

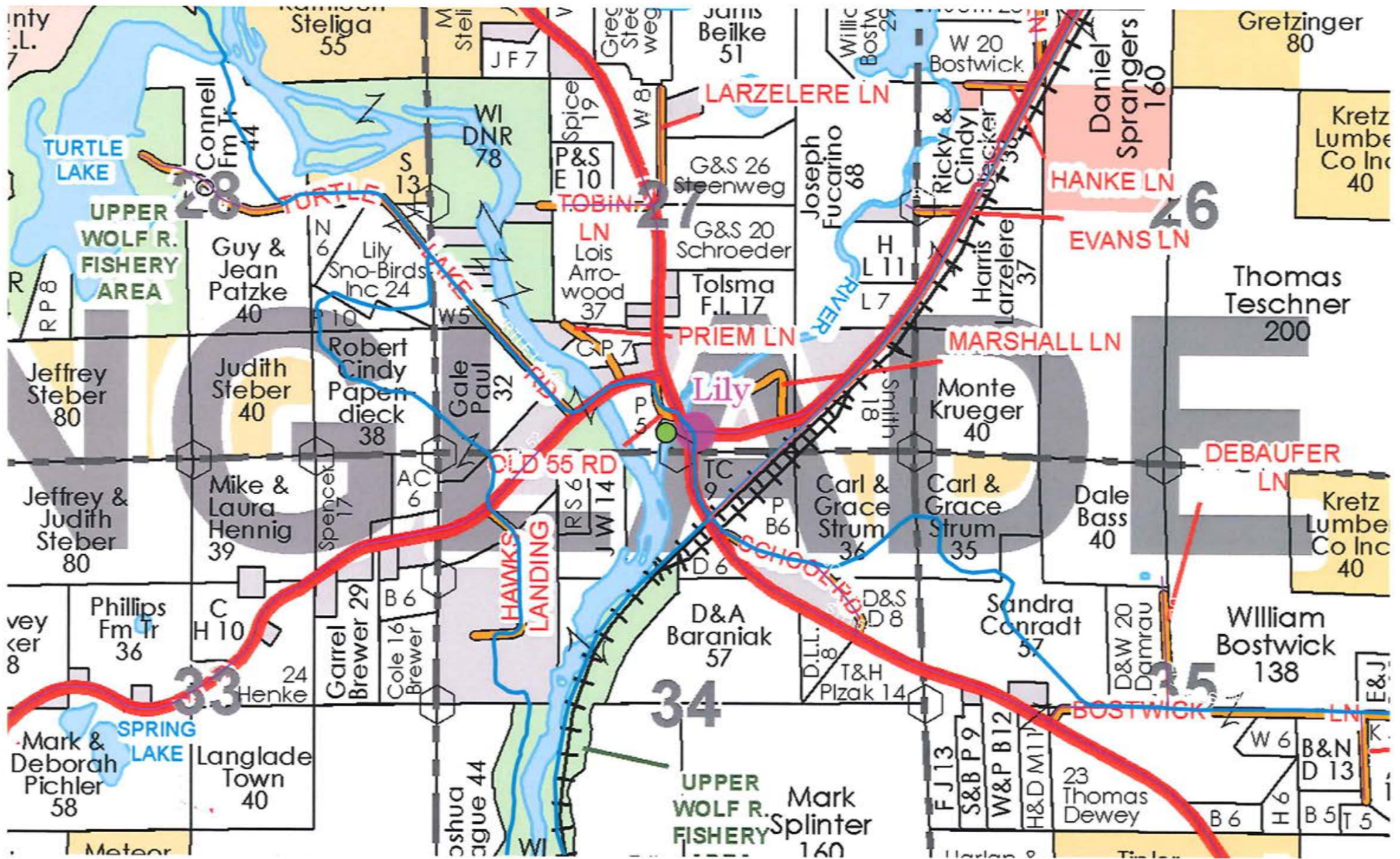
1: 7,920

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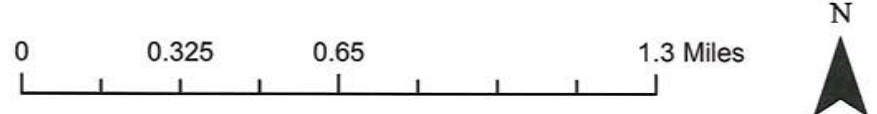
## Notes

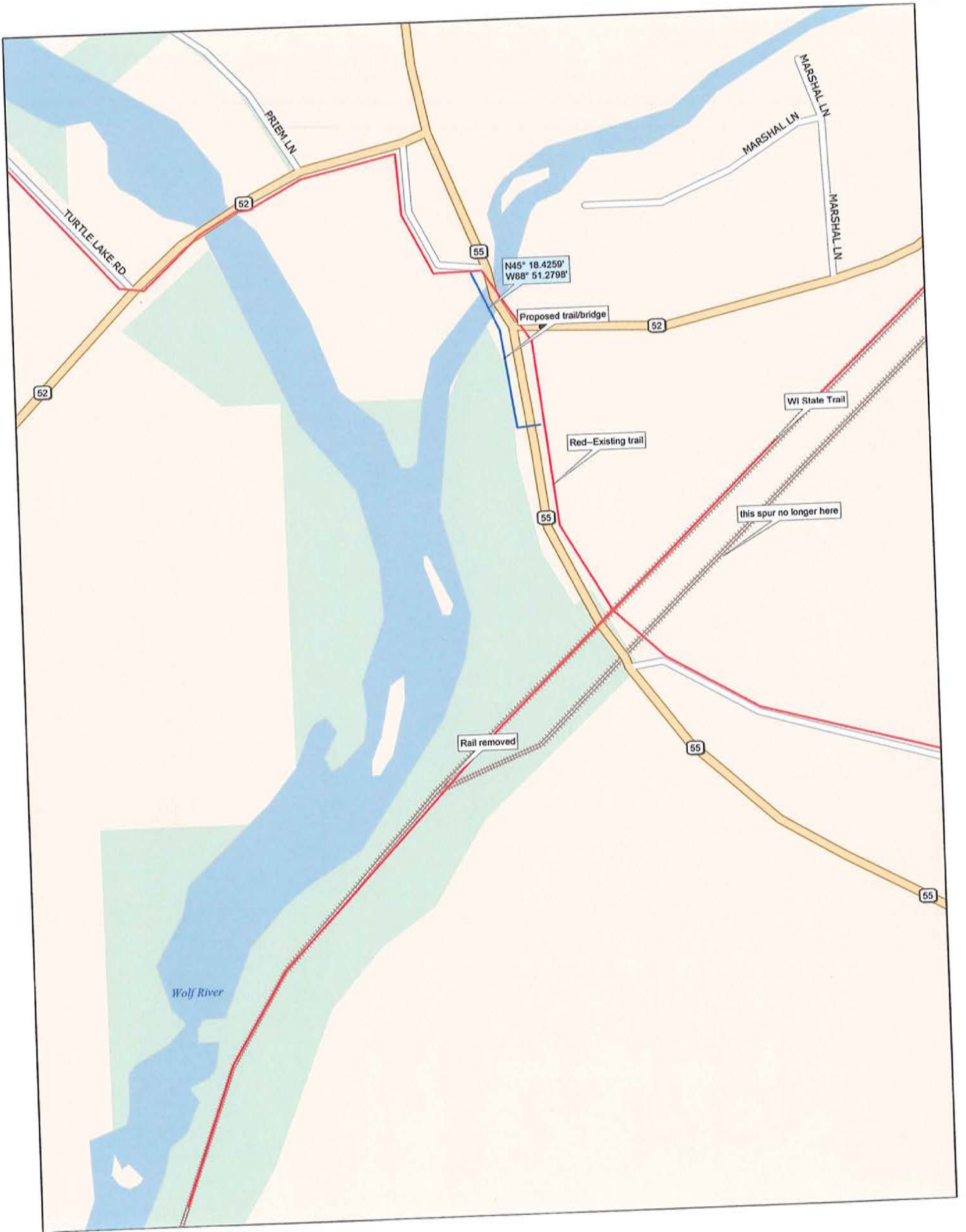
- ✕ Bridge Location
- Snowmobile Trail

# Aerial Photo- Trails



● Bridge Location  
 — Snowmobile Trail









Present crossing to the North (160')



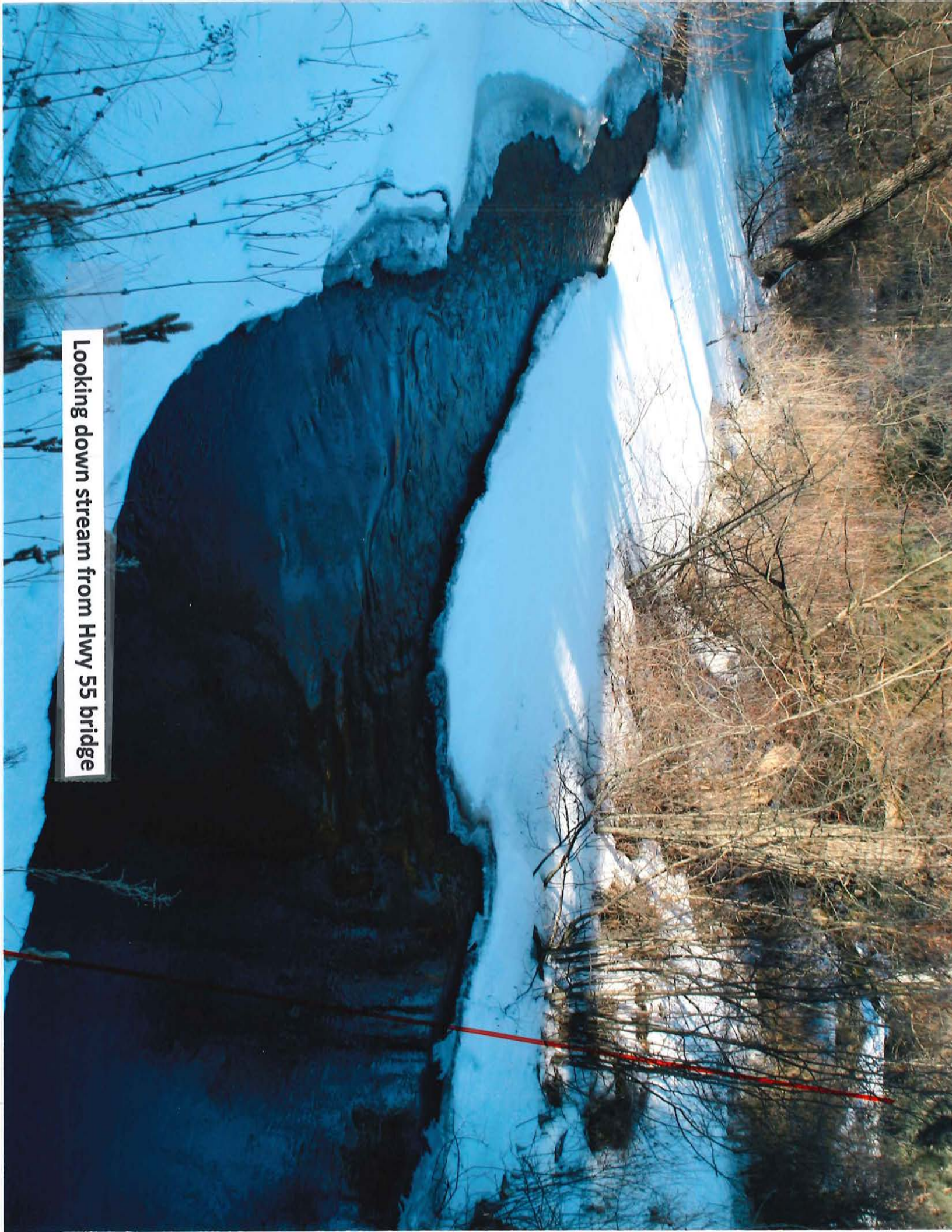
Present crossing to the South (160')



**Proposed crossing to the North, power pole & guy line to be removed**



**Proposed crossing to the South, foreground guy line to be removed**



Looking down stream from Hwy 55 bridge