

#13 Monroe Mill Pond 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 Monroe 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 Chad Ziegler				Check Recipient Name (Name to Appear on Check) Monroe County Treasurer			
Title Snowmobile Coordinator				Title			
Address 777 S. Black River Street				Address 777 S. Black River Street			
City Sparta	State WI	ZIP Code 54656	City Sparta	State WI	ZIP Code 54656		
Telephone Number (608) 269-8635		Email Address chad.ziegler@co.monroe.wi.us					

Section 2: Project Information Required for all Projects

Project Title Mill Pond Bridge						Current Funded Miles 323.5	New Miles (if applicable)
County Monroe	Township 19 N	Range 4	Section 27	¼ ¼ NE	¼ SW	GPS Coordinates: Lat. 44.090587 Long. -90.842884	

Project Description Summary
 Replace damaged bridge that is at the end of its life. Bridge has structural damage from ice/water expanding and bulging/cracking the tubular steel. Some structural damage from grooming equipment as well. The deck of the bridge needs to be replaced.

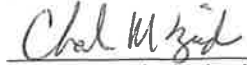
I certify that all maintenance land use agreements are on file.

Estimated Cost						
Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$108,000.00		\$108,000.00

Leave Blank – DNR Use Only						

Applicant Certification	
Printed Name of Authorized Official Chad Ziegler	Official's Title Snowmobile Coordinator

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

4-12-24

 Date Prepared

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:	12' x 70'	12' x 85'
Bridge Manufacturer:	Cary Specialized Services	Custom Manufacturing, Inc.
Design Weight Load	25,000 lbs.	25,000 lbs.
Cost of Structure:		
1. Engineering	\$ 10,000	\$ 3,000
2. Structure	\$ 80,000	\$ 135,400
Subtotal	\$ 90,000	\$ 138,400

	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	\$ _____	\$ _____
2. Site Preparation	\$ 17,000	\$ 21,700
3. Abutments	\$ _____	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ _____
7. Labor	\$ _____	\$ _____
8. Equipment Rental	\$ _____	\$ 4,200
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other <u>Permits & delivery</u>	\$ 1,000	\$ 2,200
Subtotal	\$ 18,000	\$ 28,100
Total Cost	\$ 108,000	\$ 166,500

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	\$ _____

Appendix A – Required for Bridge Rehab/Replace, New, or Reroute with New Bridge

Bridge Rehab/Replace New Bridge Reroute with new bridge

County Monroe	Township 19 N	Range 4	Section 27	¼ ¼ NE	¼ SW	GPS Coordinates: Lat. 44.090587 Long. -90.842884
Water Body Name Mill Pond/Rathbone Creek			Bridge Name Mill Pond Bridge		County Inventory Number	
Funded Trail Name or Number (SNARS if applicable) 11			Has this bridge site ever received development or rehabilitation funds in the past? <input checked="" type="radio"/> Yes <input type="radio"/> No Year: <u>1992</u> \$ <u>24,800.00</u>			
Bridge is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property			Old Bridge/Culvert Size <u>12' x 70'</u> New Bridge/Culvert Size <u>12' x 70'</u>			
Landowner Where Bridge is Located Town of Little Falls - Bryan Olsen, Chair			Telephone Number (608) 633-0351		Length of Trail Use Agreement (5 year minimum) 5	
Current maximum load <u>10,000</u> lbs.		Age of Bridge 25		Bridge Material steel/wood		
Proposed maximum load <u>25,000</u> lbs.						
Sponsoring Club Name Cataract Trailbusters			Club Contact Ken Arendt		Telephone Number (608) 633-0734	
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? 25000			
What is the weight of your puller & drag/grading equipment? 22000						
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? 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 checked="" type="radio"/> No Will an H & H (hydrologic and hydraulic) study be required?						

Bridge Project Detailed Description

The Mill Pond Bridge is a 12' x 70' bridge fabricated from tubular steel that crosses the Mill Pond/Rathbone Creek located in the Town of Little Falls (unincorporated Cataract). The Cataract Trailbusters would like to replace the bridge due to the structural damage from water freezing, expanding and cracking the bridge structure, groomer damage to the structure and a failing deck. The current decking supports are 4.5' apart which is a large span to carry the weight of a wheeled grooming unit.



Custom Manufacturing, Inc.

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

Quotation 6463

Please Indicate The Above Number When Ordering

Date: April 3, 2024	Salesperson: Tina Forrest
Inquiry Date:	Inquiry Number

To: Monroe County Forest & Parks Dept
14345 Co. Hwy B, Suite 5
Sparta, WI 54656

Estimated Ship Date 8 – 12 weeks	Shipped VIA Best Way	F.O.B Clinton, WI	Terms Net 30	
Description		Price	Total	
1	2024 GRANT APPLICATION ESTIMATE Cataract, WI 85' Arched Bridge x 12' Wide - 25,000# Load Double Decked - 42" Horizontal Railing – Hardware On 2 sets of Galvanized Sill Pans		\$ 135,400.00	
	Stamped Engineered Drawings		3,000.00	
	Installation & Site Preparation (Gravel)		17,500.00	
	Equipment Rental		4,200.00	
	Removal & Disposal (Dumpsters) of Existing Bridge		4,200.00	
	Delivery Charges		1,200.00	
	Total			\$ 165,500.00
<p>The above prices do not include sales tax or any necessary permits.</p> <p>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.</p> <p>Bridge Kit Meets - WI DNR Guidelines – 25,000# Load</p>				

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: _____



3400 Losey Blvd. S
La Crosse, WI 54601

Phone:

Bob Cary 608-790-0326

E-mail: bob@caryspec.com

Andy Clements 608-790-0327

E-mail: andy@caryspec.com

January 16, 2024

Ken Arendt

RE: Snowmobile Bridge Replacement

Dear Ken,

We propose to provide labor, equipment, incidental consumables and supervision as required to complete the following per our discussions:

- Cut existing bridge loose from abutments.
- Rig and remove the existing bridge.
- Demo and dispose of existing bridge components.
- Furnish and install new bridge with the following specifications:
 - 70' x 12' (clear width) arched steel truss bridge.
 - Design standards: AASHTO
 - Diagonals per panel: 1
 - Clear width: Inside face of 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)
 - Loads: 85 psf live load, 35 psf wind load- 25,000# vehicle load.
 - Engineered drawings state seal: Wisconsin.

Lump sum quote: \$107,000.00 (one hundred seven thousand dollars)

Thank you for the opportunity to quote this project. We look forward to working with you on this and future projects.

Respectfully,

Andy Clements

Guidelines for Applicant

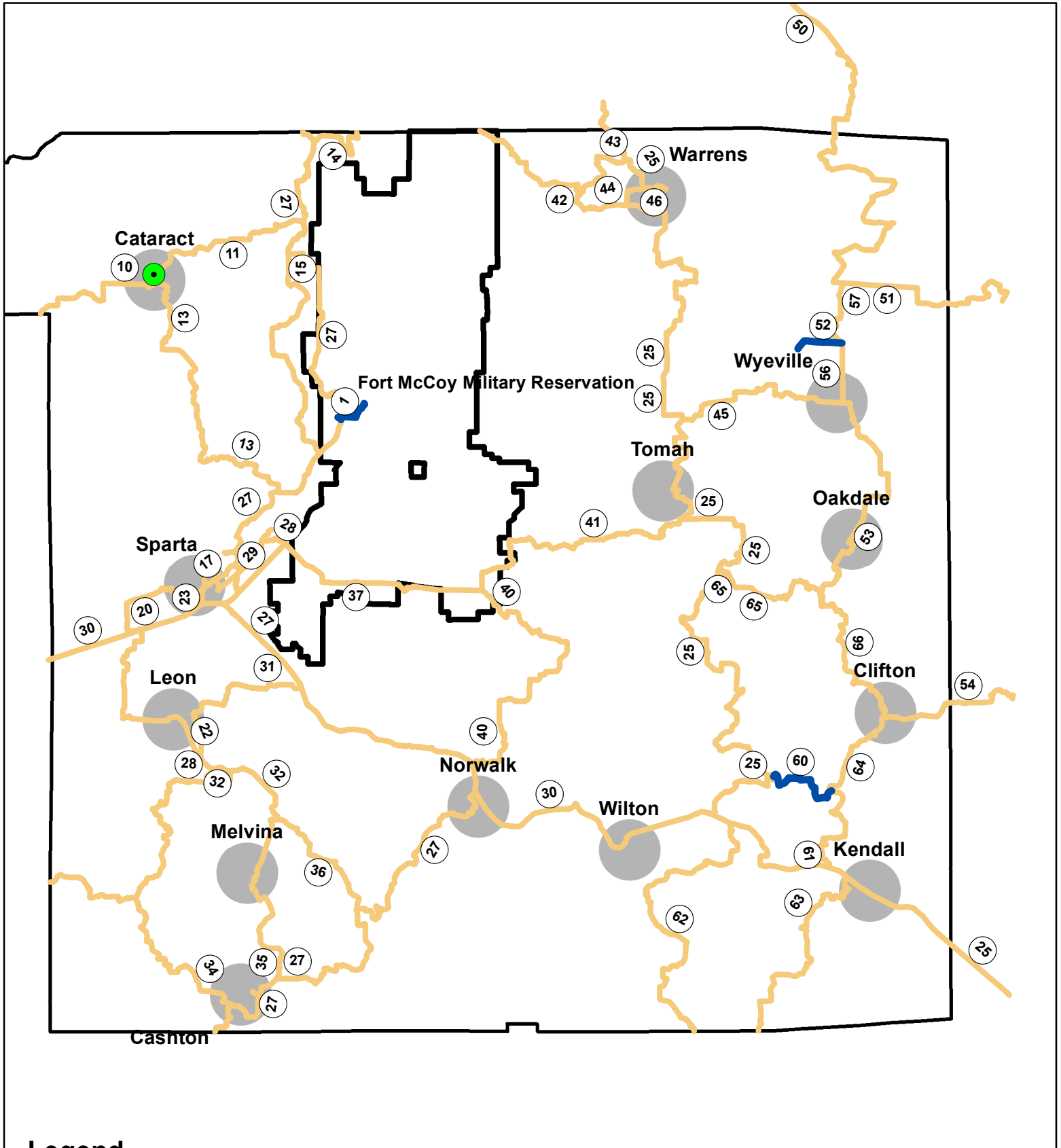
Complete this form for each bridge structure you are submitting a grant application for. Provide any additional documents not requested on application checklist to substantiate your points, including actual deeded easements.

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) <i>Town of Little Falls</i>	5	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 <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	
	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	
GRAND TOTAL			17




Comments/Notes:

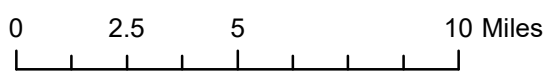
Monroe County Snowmobile Trails

Mill Pond Bridge



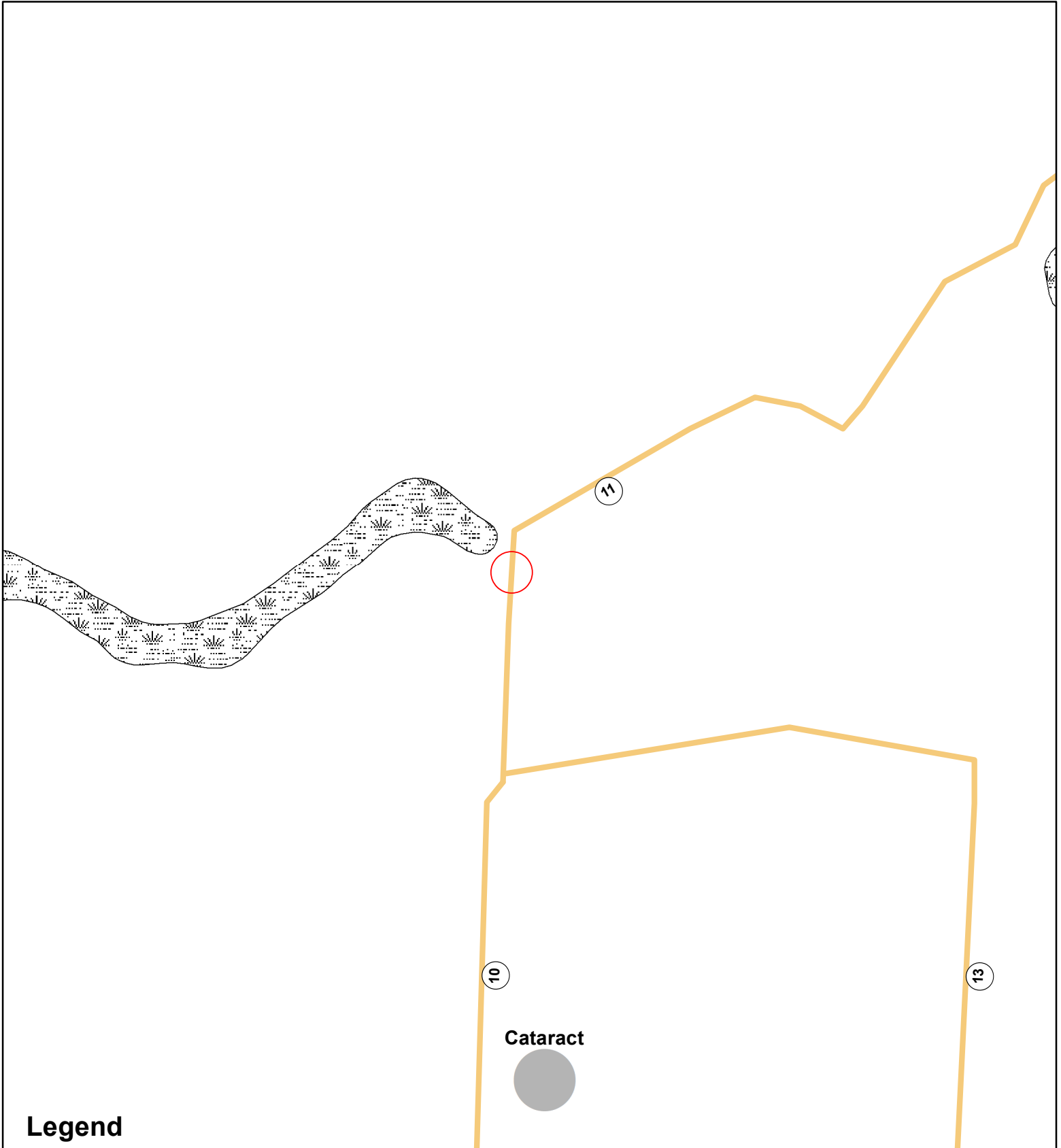
Legend

-  Non_funded_trails
-  Mill Pond Bridge
-  Monroe County Snowmobile Trails



Monroe County Snowmobile Trails

Mill Pond Bridge



Legend

— Non_funded_trails

○ Mill Pond Bridge

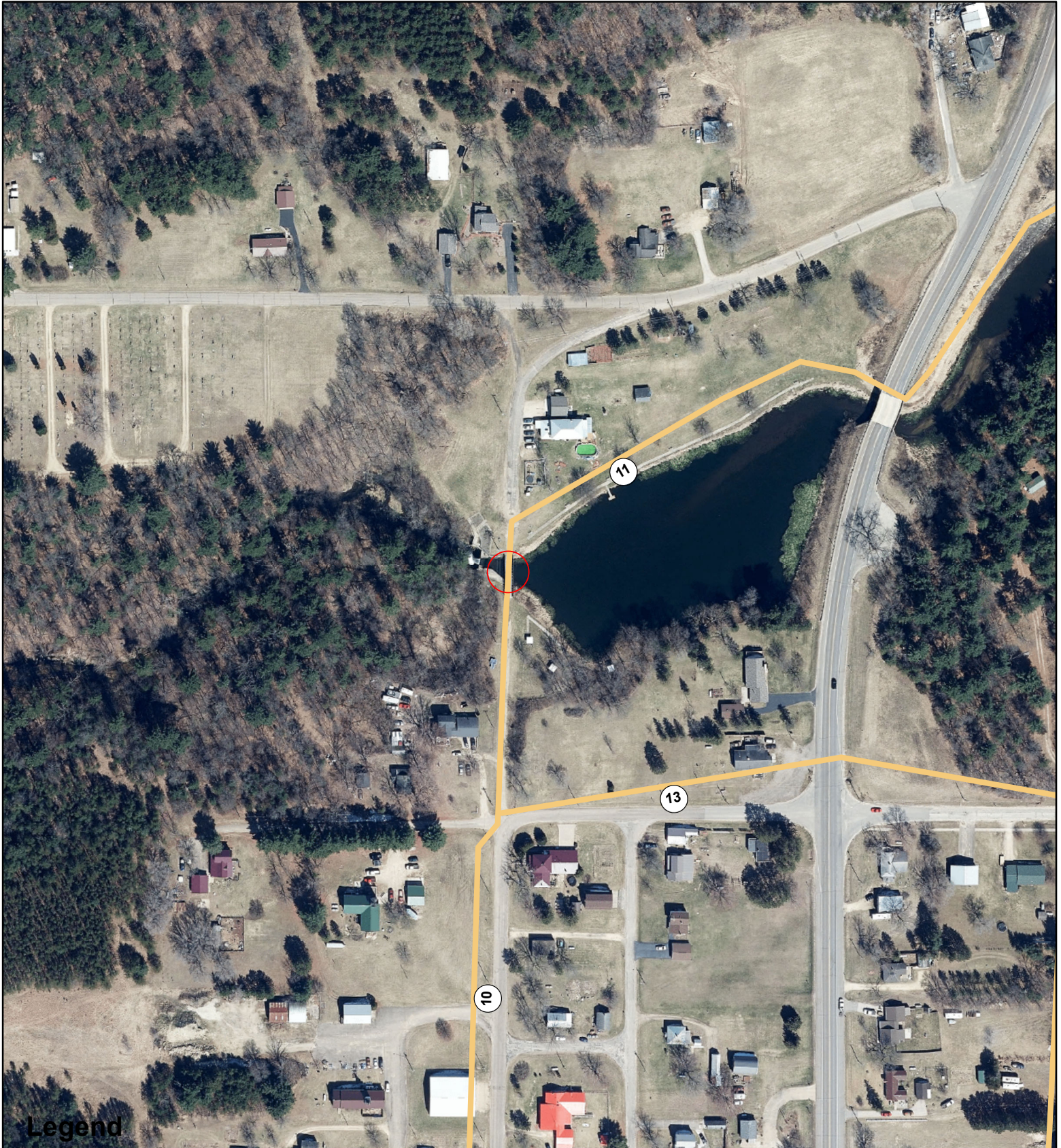
— Monroe County Snowmobile Trails



0 0.0275 0.055 0.11 Miles

Monroe County Snowmobile Trails

Mill Pond Bridge



Legend

— Non_funded_trails

○ Mill Pond Bridge

— Monroe County Snowmobile Trails



0 0.0225 0.045 0.09 Miles







