

A-23 Polk Co Sawmill Culvert

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)

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 Polk 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 Tony Nowak			Check Recipient Name (Name to Appear on Check)		
Title Parks and Trails Supervisor			Title		
Address 100 Polk County Plaza			Address		
City Balsam Lake	State WI	ZIP Code 54810	City	State	ZIP Code
Telephone Number (715) 485-9170	Email Address tony.nowak@polkcountywi.gov				

Section 2: Project Information Required for all Projects

Project Title Sawmill Trail Culvert Replacement					Current Funded Miles 39.4	New Miles (if applicable)
County Polk	Township 32 N	Range 15	Section 4	¼ ¼ NE	¼ SW	GPS Coordinates: Lat. 45.287626 Long. -92.231722

Project Description Summary

The Sawmill County Trail is a 13.78 mile that runs from the St. Croix County line northeast to the Village of Clayton. Aside from road routes through the Village of Clear Lake, the trail runs primarily on rail bed. This project will replace a culvert located midway between 50th and 60th Avenues. The old metal culvert is rusting out and beginning to fail. In addition, the banks at the culvert crossing have eroded, causing a steep and dangerous drop off the edge of the trail. This project would install a longer culvert to allow for a gentler slope at the crossing.

Additionally, there are two 36" culverts that are failing and seeping trail material. Both of these would be replaced with plastic culverts.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$31,047.25		\$31,047.25
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official Tony Nowak	Official's Title Parks and Trails Supervisor
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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

6/2/24
 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 Polk	Township 32 N	Range 15	Section 4	¼ ¼ NE	¼ SW	GPS Coordinates: Lat. 45.287626 Long. -92.231722
Water Body Name Unknown			Bridge Name Culvert		County Inventory Number	
Funded Trail Name or Number (SNARS if applicable) Sawmill County Trail			Has this bridge site ever received development or rehabilitation funds in the past? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Year: _____ \$ _____			
Bridge is located on: <input type="checkbox"/> Private property <input checked="" type="checkbox"/> Public property			Old Bridge/Culvert Size 72" x 34' New Bridge/Culvert Size 72" x 50'			
Landowner Where Bridge is Located Polk County			Telephone Number (715) 485-9170		Length of Trail Use Agreement (5 year minimum) N/A	
Current maximum load _____ lbs.		Age of Bridge		Bridge Material metal culvert		
Proposed maximum load _____ lbs.						
Sponsoring Club Name Polk County Snowmobile and ATV Council			Club Contact Todd Miller		Telephone Number (715) 553-0731	
Do you have your trail bridges posted as to maximum load? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? 18,000 lbs						
What other recreational trail uses are planned for this bridge? Trail is open the ATV/UTV, snowmobile, OHM, biking, hiking, cross country skiing, and dog sledding.						
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? 0						

- 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

The project scope would be replacing a 72" x 34' metal culvert with a new 72" x 50' metal or plastic culvert. The existing culvert is rusting out and beginning to fail. In addition, erosion, along with an under length culvert, has caused a steep and hazardous drop off the side of the trail at the crossing. A guardrail has been installed at the crossing to prevent a serious accident should a vehicle leave the trail. Installation of a longer culvert will allow the room for proper backfill, providing for a gentler and safer slope.

Additionally, two 36" x 30' culverts would be replaced with new plastic culverts.

Please note: Original quotes were obtained for replacement of the 72" culvert. A quote for replacing a 36" culvert was obtained afterwards from the highway department, which is the lower cost.

*A certified bridge inspection was not conducted for the existing culvert crossing as this is not a bridge. Pictures included with this application clearly depict the failing culvert and need for replacement.

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

	Quote 1	Quote 2
	<input type="radio"/> Steel <input type="radio"/> Wooden	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:	<u>72" x 50' culvert</u>	<u>72" x 50' culvert</u>
Bridge Manufacturer:	_____	_____
Design Weight Load	_____ lbs.	_____ lbs.
Cost of Structure:	1. Engineering \$ _____	\$ _____
	2. Structure \$ _____	\$ _____
	Subtotal \$ _____	\$ _____

	Quote 1	Quote 2
	<input type="radio"/> Contractor or <input checked="" type="radio"/> Sponsor Estimate	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate
Installation Costs:		
1. Engineering	\$ _____	\$ _____
2. Site Preparation	\$ _____	\$ _____
3. Abutments	\$ _____	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ _____
7. Labor	\$ _____	\$ _____
8. Equipment Rental	\$ _____	\$ _____
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other <u>see attached estimates</u>	\$ <u>14,613</u>	\$ <u>32,255</u>
Subtotal	\$ <u>14,613</u>	\$ <u>32,255</u>
Total Cost	\$ <u>14,613</u>	\$ <u>32,255</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
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Bridge Dimensions:	_____
Design Weight Load	_____ lbs.
1. Materials	\$ _____
2. Labor	\$ _____
Total	\$ _____

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.

This ranking tool is used for both **Snowmobile** and **ATV/UTV** Trail Aids programs, though each program may score things differently. If you are seeking funding from BOTH programs for a dual use bridge, please score ALL questions

Category	Possible Points	Snow Points	ATV/UTV Points
1 Condition of the Structure (max of 10 points)			
Has a certified bridge inspection report that supports the project & demonstrates need. Copy of report needed. Snowmobile Funded Projects	10	0	
Calculation: 10 minus NBI Rating Score (0-9) ATV Funded Projects <i>Use overall NBI # if provided, or an average of the components. Redecking projects should just use the deck NBI #.</i>	10		7
2 Permits (maximum points 4)			
Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	1	0	0
Permit in hand / Bridge already permitted	3	0	0
3 Funding (maximum points 2) Has an application been submitted for other funding			
50% or greater from other funding source(s)? (includes 50/50 Snow/ATV projects)	2	2	2
11% - 49% from other funding source(s)?	1	0	0
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	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</u> 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 trail to the nearest road</u> 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		
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 Snowmobile Funded Projects	1	1	
20 miles or more Snowmobile Funded Projects	3		
No other snowmobile trails connect. Snowmobile Funded Explain:	4		
For ATV/UTV projects, describe the relocation (on routes? Trail?) Include sketch/map			
6 If ATV/UTV, Seasons of Use (max 3 points)			
Year-Round or Summer Only ATV/UTV Trail	3		3
Winter Only ATV/UTV Trail	1		
DEDUCTIONS			
7 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		8	17

No
Inspection

10 (JNS)

**CULVERT INSTALLATION COST ESTIMATE
Polk County Highway Department**

Project Location:	0	Estimate Date:	1/0/1900
Project Description:	0	Prepared By:	0
Project Scope:	Parks culvert on the trail between 50th and 60th	Project Miles:	0.00
		Total LF Culvert:	1.00

Category	Description	Quantity Description	# of Units	Price Per Unit	Quantity Per Unit	Total Cost	
Materials	Reject Rock	Ton	1	2.00		-	
	Pit Run	Ton	1	0.95		-	
	Gravel - (BL Yard)	Ton	1	12.00	44.00	528.00	
	Rip Rap - 6-15" (BL Yard)	Ton	1	49.20	22.00	1,082.40	
	Rip Rap - 3" (BL Yard)	Ton	1	39.90		-	
	Hot Mix Asphalt - Plant	Ton	1	56.65		-	
	Cold Mix Asphalt - Plant	Ton	1	75.30		-	
							-
							-
							-
Culverts	18" Aluminized Culvert	Foot	1	26.50		-	
	18" Galvanized End Wall	Each	1	108.50		-	
	18" Aluminized Band	Each	1	53.20		-	
	24" Aluminized Culvert	Foot	1	35.50		-	
	24" Galvanized End Wall	Each	1	157.50		-	
	24" Aluminized Band	Each	1	70.90		-	
	36" Aluminized Culvert	Foot	1	53.20		-	
	36" Galvanized End Wall	Each	1	543.00		-	
	36" Aluminized Band	Each	1	106.40		-	
	18" Plastic Culvert	Foot	1	12.25		-	
	24" Plastic Culvert	Each	1	21.00		-	
	36" Plastic Culvert	Foot	1	39.75		-	
							-
		72"x 44" aluminized culvert	ft	1	142.00	44.00	6,248.00
							-
						-	
						-	
Erosion Control	Material Only	Lump Sum	1	1.00	100.00	100.00	
						-	
TOTAL MATERIALS						\$ 7,958.40	

Project Location:	0	Estimate Date:	1/0/1900
Project Description:	0	Prepared By:	0
Project Scope:	Parks culvert on the trail between 50th and 60th	Project Miles:	0.00
		Total LF Culvert:	1.00

Category	Description	Quantity Description	# of Units	Price Per Unit	Quantity Per Unit	Total Cost
Small Tools				0.8%		-
Equipment	Excavator	#341	1	61.54	10.00	615.40
	Grader	#120	1	83.48		-
	Tri-Axle Trucks		2	88.14	10.00	1,762.80
	Crew Truck	#034	1	16.00	10.00	160.00
	Loader	#229/235	1	75.92		-
	Rubber Tire Backhoe	#219	1	56.44		-
	Skid Loader	#227	1	32.94	5.00	164.70
	Semi Tractor	#14	1	103.62	2.00	207.24
	Moiving Trailer	#378	1	60.24	2.00	120.48
	Wacker compactor	#251	1	74.10	5.00	370.50
						-
						-
TOTAL EQUIPMENT & SMALL TOOLS						\$ 3,401.12
Mobilization						-
Labor & Fringes	Foreman	Hour	1	50.27	10.00	502.66
	Flaggers - HMW1	Hour		47.24		-
	Equipment Operator - HEO	Hour	3	50.09	10.00	1,502.74
	Truck Driver - HEO	Hour	1	50.09	10.00	500.91
	Truck Driver - HMW1	Hour		47.24		-
	Equipment Mover - HEO	Hour	1	50.09	2.00	100.18
						-
						-
TOTAL LABOR & FRINGES						\$ 2,606.50

TOTAL LABOR/EQP/MATERIALS	\$	13,966.02
ADMINISTRATION	4.63%	\$ 646.63
TOTAL ESTIMATED COST	\$	14,612.65
ESTIMATED COST PER MILE		#DIV/0!
COST PER LF OF CULVERT	\$	14,612.65

**CULVERT INSTALLATION COST ESTIMATE
Polk County Highway Department**

Project Location:	0	Estimate Date:	1/0/1900
Project Description:	0	Prepared By:	0
Project Scope:		Project Miles:	0.00
		Total LF Culvert:	1.00

Category	Description	Quantity Description	# of Units	Price Per Unit	Quantity Per Unit	Total Cost	
Materials	Reject Rock	Ton	1	2.00		-	
	Pit Run	Ton	1	0.95		-	
	Gravel - (BL Yard)	Ton	1	12.00	22.00	264.00	
	Rip Rap - 6-15" (BL Yard)	Ton	1	49.20	22.00	1,082.40	
	Rip Rap - 3" (BL Yard)	Ton	1	39.90		-	
	Hot Mix Asphalt - Plant	Ton	1	56.65		-	
	Cold Mix Asphalt - Plant	Ton	1	75.30		-	
							-
							-
							-
Culverts	18" Aluminized Culvert	Foot	1	26.50		-	
	18" Galvanized End Wall	Each	1	108.50		-	
	18" Aluminized Band	Each	1	53.20		-	
	24" Aluminized Culvert	Foot	1	35.50		-	
	24" Galvanized End Wall	Each	1	157.50		-	
	24" Aluminized Band	Each	1	70.90		-	
	36" Aluminized Culvert	Foot	1	53.20		-	
	36" Galvanized End Wall	Each	1	543.00		-	
	36" Aluminized Band	Each	1	106.40		-	
	18" Plastic Culvert	Foot	1	12.25		-	
	24" Plastic Culvert	Each	1	21.00		-	
	36" Plastic Culvert	Foot	1	39.75	30.00	1,192.50	
							-
						-	
						-	
						-	
						-	
Erosion Control	Material Only	Lump Sum	1	1.00		-	
						-	
TOTAL MATERIALS						\$ 2,538.90	

Project Location:	0	Estimate Date:	1/0/1900
Project Description:	0	Prepared By:	0
Project Scope:		Project Miles:	0.00
		Total LF Culvert:	1.00

Category	Description	Quantity Description	# of Units	Price Per Unit	Quantity Per Unit	Total Cost
Small Tools				0.8%		-
<i>Equipment</i>	Excavator	#341	1	61.54	10.00	615.40
	Grader	#120	1	83.48		-
	Tri-Axle Trucks		1	88.14	10.00	881.40
	Crew Truck	#034	1	16.00	10.00	160.00
	Loader	#229/235	1	75.92		-
	Rubber Tire Backhoe	#219	1	56.44		-
	Skid Loader	#227	1	32.94		-
	Semi Tractor	#14	1	103.62	2.00	207.24
	Moiving Trailer	#378	1	60.24	2.00	120.48
	Wacker compactor	#251	1	74.10	5.00	370.50
						-
						-
TOTAL EQUIPMENT & SMALL TOOLS						\$ 2,355.02
Mobilization						
<i>Labor & Fringes</i>	Foreman	Hour		51.14		-
	Flaggers - HMW1	Hour		47.24		-
	Equipment Operator - HEO	Hour	3	50.09	10.00	1,502.74
	Truck Driver - HEO	Hour		50.09		-
	Truck Driver - HMW1	Hour	1	47.24	10.00	472.44
	Equipment Mover - HEO	Hour	1	50.09	2.00	100.18
						-
						-
TOTAL LABOR & FRINGES						\$ 2,075.36

TOTAL LABOR/EQP/MATERIALS	\$	6,969.28
ADMINISTRATION	4.63%	\$ 322.68
TOTAL ESTIMATED COST	\$	7,291.96
ESTIMATED COST PER MILE		#DIV/0!
COST PER LF OF CULVERT	\$	7,291.96

Paragon Excavating LLC

2290 240th Ave
 Cushing WI 54006
 715-483-1745
 paragonexcavating@gmail.com

Estimate

Date	Estimate
4/13/2026	1442

Name / Address
Polk County Parks and Trails 100 Polk County Plaza Suite 40 Balsam Lake, WI 54810

Description	Qty	Rate	Total
This estimate is for installing a 50' by 72"galvanized corrugated metal pipe on the Sawmill Trail between 50th Ave and 60th Ave near Clayton, WI. This includes taking out old culvert and disposing of. Installing new culvert, backfilling culvert, compacting dirt, hauling in 8 loads of dirt to improve slopes, capping off dirt with 4 loads of top soil on slopes, hauling in 2 loads of 3/4" class 5 lime rock to be placed, grade and compact on trail. When all grading is completed this also includes seeding slopes. Does not include signage or installing guard rail that is there now.	1	32,255.00	32,255.00
Sales Tax		5.50%	0.00
It's been a pleasure working with you!		Total	\$32,255.00





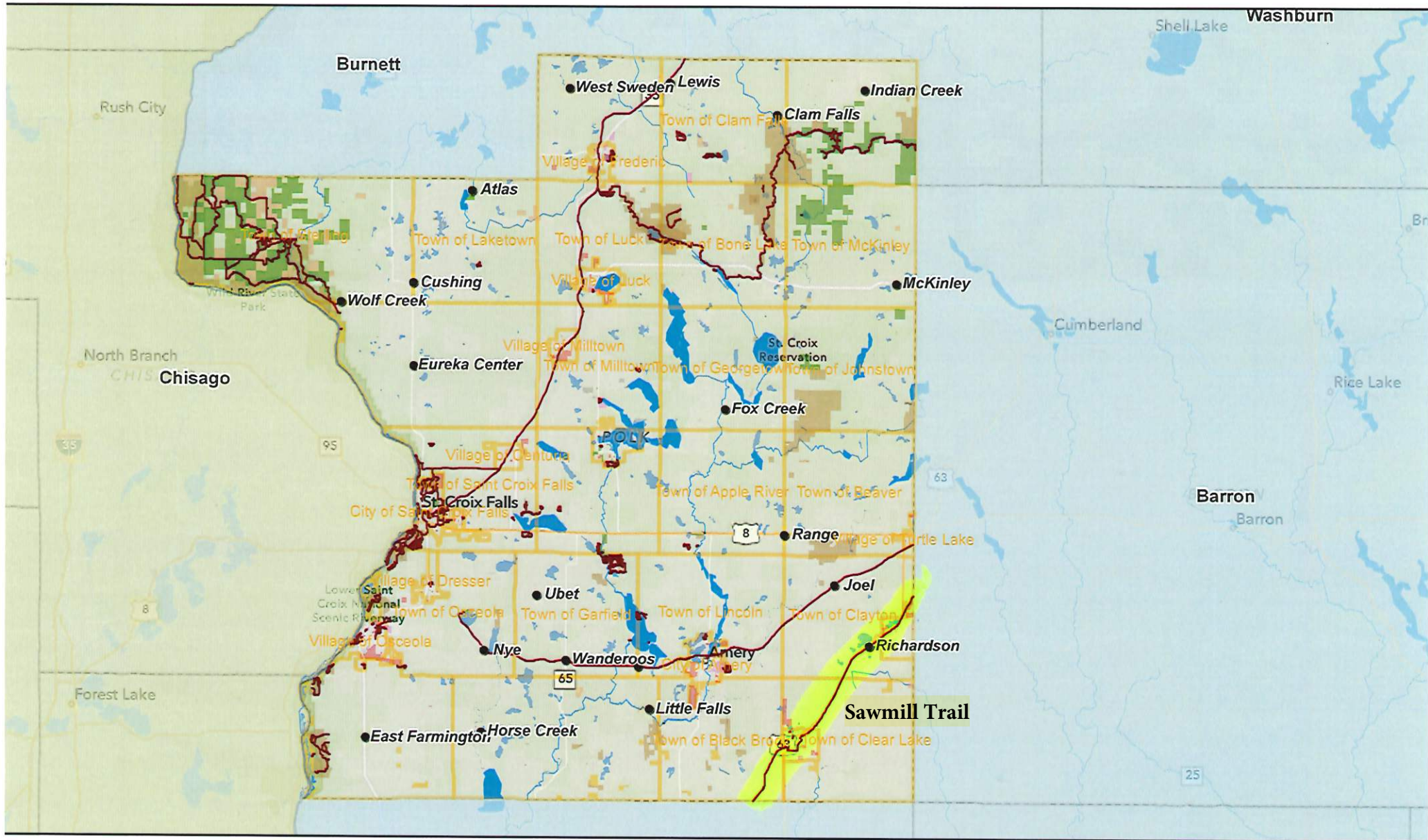


36" Culvert #1



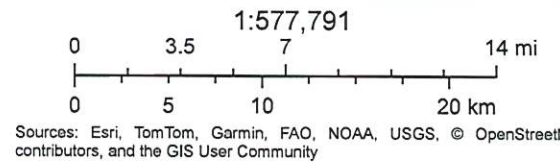
36" Culvert #2

Sawmill Rehab 2026



11/13/2026, 9:08:41 AM

- Boundaries
- Unincorporated Village
- State Lands
- School Dist Lands
- Town Lands
- Polk County Lands
- Federal Lands
- Recreation Trail
- Park or Natural Area
- City or Village Lands
- Waterbody

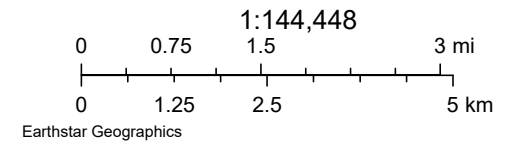


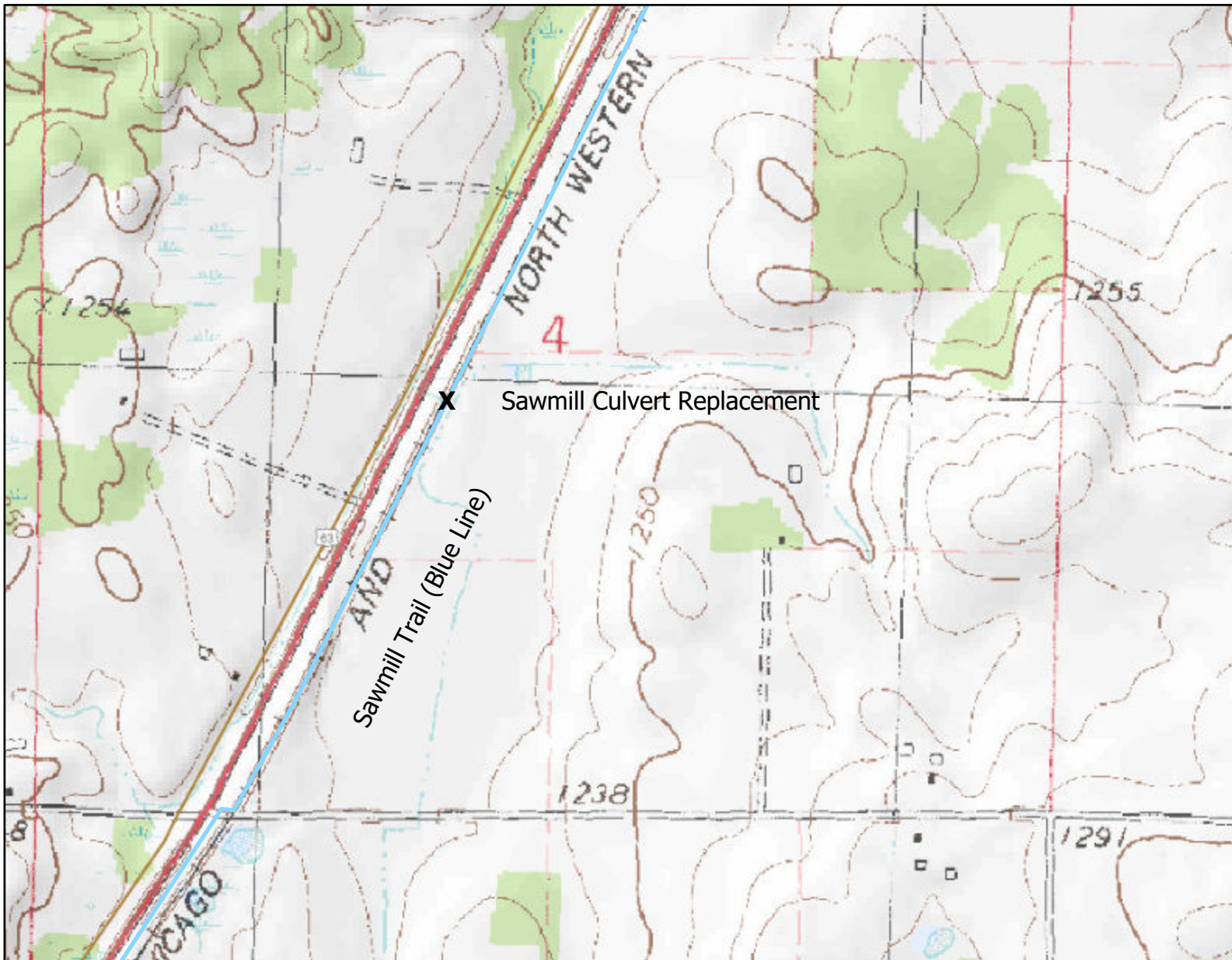
Sawmill Aerial Photo 2026



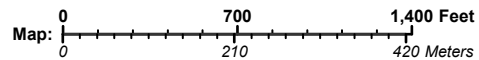
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- | | | | | |
|------------|-----------------------------|-----------------------|-------------------|-------------------|
| Boundaries | Sawmill Culvert Replacement | ATV Trail | State Lands | School Dist Lands |
| Counties | Unincorporated Village | Recreation Trail | Town Lands | Trout Fishing |
| WI | | Park or Natural Area | Polk County Lands | Waterbody |
| | | City or Village Lands | Federal Lands | |





- Legend:** (some map layers may not be displayed)
- Cities, Towns & Villages
 - Civil Town
 - 24K USGS DRGs



Service Layer Credits:
DNR Basic Feature VTL (WTM): Wisconsin Department of Natural Resources, GIS Section, Topographic
Maps:

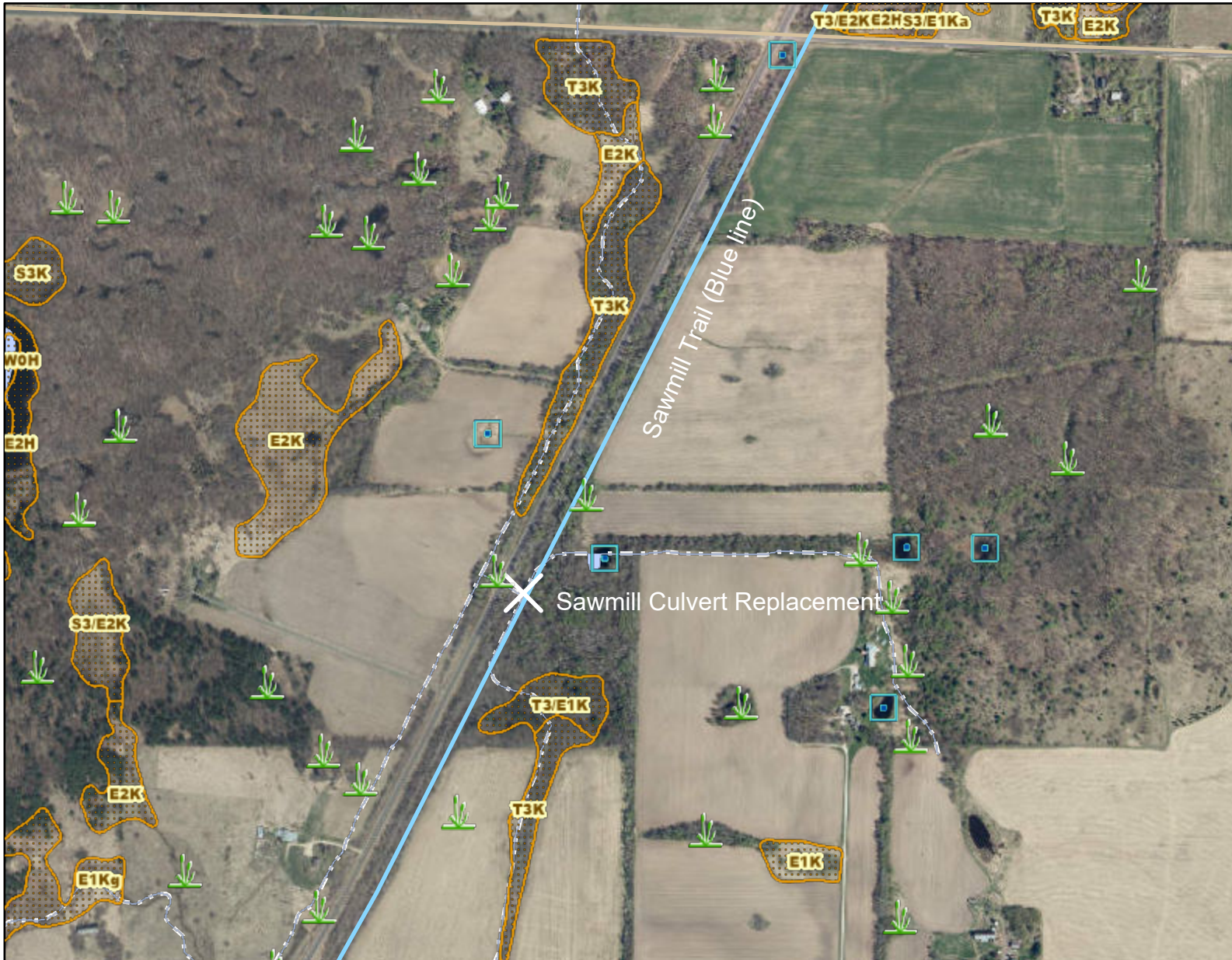
Map projection: NAD 1983 HARN Wisconsin TM



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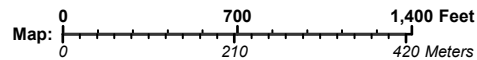
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Legend: (some map layers may not be displayed)

- Wetland Class Points
- Excavated pond
 - Wetland too small to delineate
- Wetland Class Areas
- Wetland Class Areas
- Rivers and Streams
- Rivers and Streams
 - Intermittent Streams
- Open Water
- Open Water
- 24K Intermittent Streams
- 24K Intermittent Streams
- 24K Lakes and Open Water
- 24K Lakes and Open Water
- 24K Streams and Rivers
- 24K Streams and Rivers
- Cities, Towns & Villages
- Civil Town
 - Latest Leaf Off Index
 - Latest Leaf Off Imagery

Notes:



Service Layer Credits:
DNR Basic Feature VTL (WTM): Wisconsin Department of Natural Resources, GIS Section, Latest Leaf Off; Surface Water: WIDNR, USGS, and other data, Wetland Inventory NWI (Dynamic): Calvin Lawrence, Dennis Weise, Nina Rihn

Map projection: NAD 1983 HARN Wisconsin TM

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