

S-30 Barron Co Trail 37 Box Culvert Rehab

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 type="checkbox"/> Select if the same as applicant.		
Barron County					
Individual Authorized to Act on Behalf of Applicant per Resolution			Check Recipient Name (Name to Appear on Check)		
Jeff Wolfe			Jodi Busch		
Title			Title		
Deputy Sheriff			Finance Director		
Address			Address		
1420 Highway 25 N.			335 E. Monroe Ave.		
City	State	ZIP Code	City	State	ZIP Code
Barron	WI	54812	Barron	WI	54812
Telephone Number		Email Address			
(715) 637-6710		jeff.wolfe@co.barron.wi.us			

Section 2: Project Information Required for all Projects

Project Title					Current Funded Miles	New Miles (if applicable)
Trail 37 Box Culvert					93.6	
County	Township	Range	Section	1/4 1/4	1/4	GPS Coordinates:
Barron	33 N	12 <input type="radio"/> E <input checked="" type="radio"/> W	35	SW	SW	Lat. 45.294255
						Long. -91.825946

Project Description Summary

Barron County and the Barron Snow Bears propose to replace 2 failing culverts on Trail 37 north of the Village of Dallas in southern Barron County. Currently there are 2 culverts installed on an unnamed intermittent stream that are failing and not appropriately sized. One culvert is 32" by 14 feet and the second is 36" by 24 feet. By being not appropriately sized and misaligned this has caused significant trail issues for years and now the culverts are decayed and need to be replaced. After evaluating the site with an engineer it was determined that the most appropriate solution would be to install a box culvert that is capable of handling the intermittent flow of storm water and seasonal snow melt.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$49,229.00		\$49,229.00
Leave Blank – DNR Use Only						

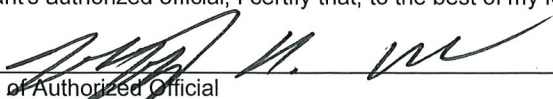
Applicant Certification

Printed Name of Authorized Official	Official's Title
Jeff Wolfe	Deputy Sheriff

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

Date Prepared



04/08/2025

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

☒ Bridge Rehab/Replace ☐ New Bridge ☐ Reroute with new bridge

County Barron	Township 33 N	Range 12	<input type="radio"/> E <input checked="" type="radio"/> W	Section 35	¼ ¼ SW	¼ SW	GPS Coordinates: Lat. 45.294255 Long. -91.825946
Water Body Name Unnamed intermittent stream WBIC 5006866				Bridge Name N/A		County Inventory Number N/A	
Funded Trail Name or Number (SNARS if applicable) 37				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 (1)32"x14' (2)36"x24' New Bridge/Culvert Size (W)10'(H)4'10"(L)27'			
Landowner Where Bridge is Located Ryan Bartlett				Telephone Number (715) 637-4945		Length of Trail Use Agreement (5 year minimum) 10	
Current maximum load _____ lbs.		Age of Bridge		Bridge Material			
Proposed maximum load _____ lbs.		Unknown		Steel			
Sponsoring Club Name Barron Snow Bears				Club Contact Jeff Vergin		Telephone Number (715) 837-1600	
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? 5ton-32ton			
What is the weight of your puller & drag/grading equipment? 31,000							
What other recreational trail uses are planned for this bridge? Only snowmobiles							
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							

- ☒ 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

Barron County and the Barron Snow Bears propose to replace 2 failing culverts on Trail 37 north of the Village of Dallas in southern Barron County. Currently there are 2 steel culverts installed on an unnamed intermittent stream that are failing and not appropriately sized. One culvert is 32" by 14 feet and the second is 36" by 24 feet. By being not appropriately sized and misaligned this has caused significant trail issues for years and now the culverts are decayed and need to be replaced. After evaluating the site with an engineer it was determined that the most appropriate solution would be to install a box culvert that is capable of handling the intermittent flow of storm water and seasonal snow melt. Bid 1 is for an aluminum box culvert manufactured by Contech. This structure has a realistic life expectancy of 50-70 years and has minimal upkeep as there is no bridge deck. Bid 2 is for a concrete box culvert and is significantly more costly. Once the box culvert is manufactured it will be assembled and installed by the Barron County Highway Department. As of 04/08/2025 Barron County has applied for a permit for this project and we have been in verbal communication with DNR WMS and were told that a permit is likely to be issued.

Appendix A (continued)**Summarize Costs in Appropriate Categories:**

Bridge Structure			
		Quote 1	Quote 2
		<input type="radio"/> Steel <input type="radio"/> Wooden	<input type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:		(W)10'(H)4'10"(L)27'	(W)10'(H)5'(L)27'
Bridge Manufacturer:	Contech		County Materials Corp.
Design Weight Load		_____ lbs.	_____ lbs.
Cost of Structure:	1. Engineering	\$ _____	\$ _____
	2. Structure	\$ 24,420	\$ 78,750
	Subtotal	\$ 24,420	\$ 78,750
		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		\$ 1,150	\$ 1,150
3. Abutments		\$ _____	\$ _____
4. Pilings/Piers		\$ _____	\$ _____
5. Approaches		\$ 2,150	\$ 2,150
6. Riprap		\$ 1,750	\$ 1,750
7. Labor		\$ 14,500	\$ 14,500
8. Equipment Rental		\$ 4,500	\$ 4,500
9. Culverts		\$ _____	\$ _____
10. H & H Study		\$ _____	\$ _____
11. Wetland Delineation		\$ _____	\$ _____
12. Other W-Beam Guardrail		\$ 759	\$ 759
	Subtotal	\$ 24,809	\$ 24,809
	Total Cost	\$ 49,229	\$ 103,559

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	_____ lbs.	
1. Materials	\$ _____	
2. Labor	\$ _____	
Total	\$ _____	





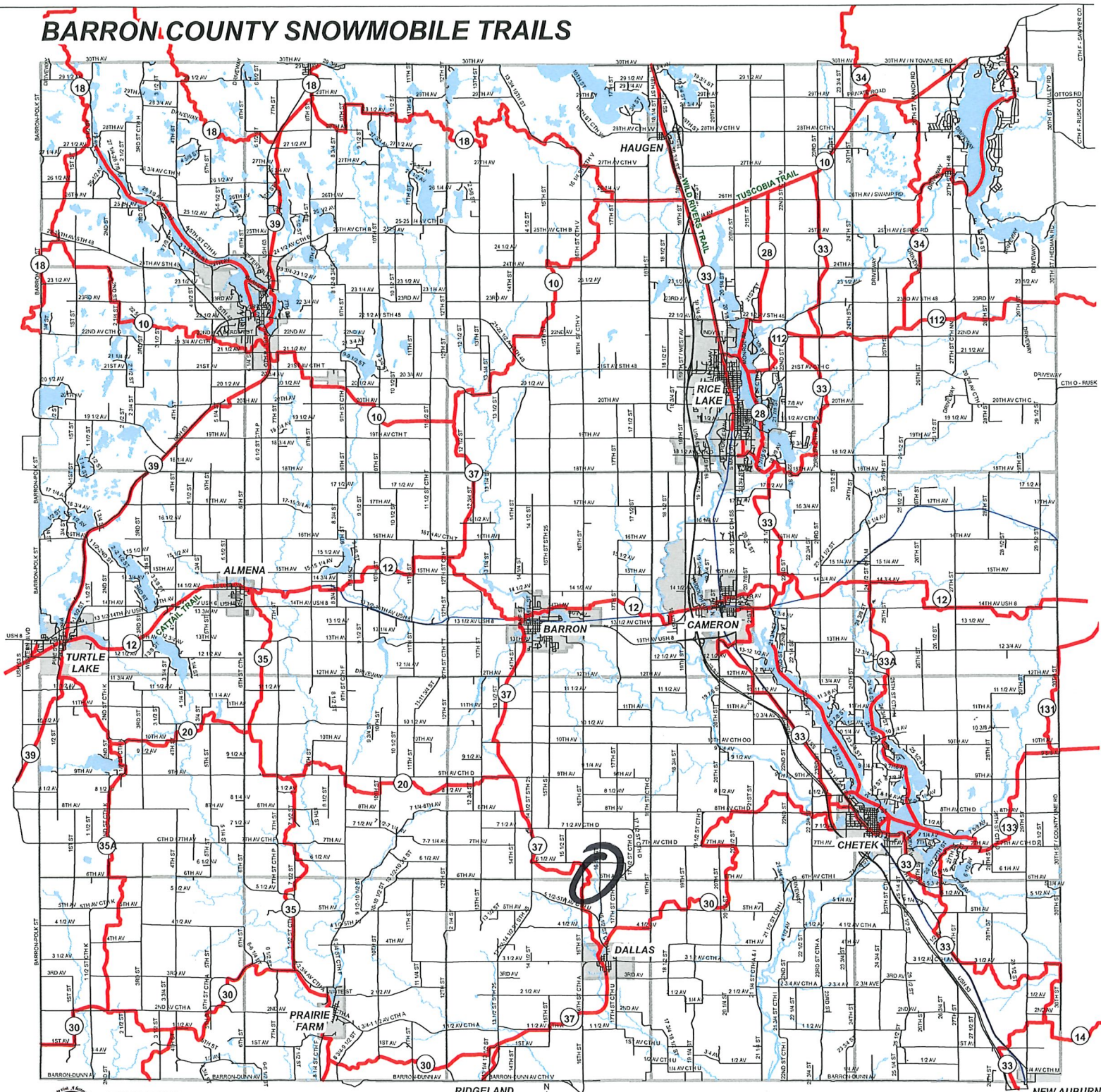








BARRON COUNTY SNOWMOBILE TRAILS





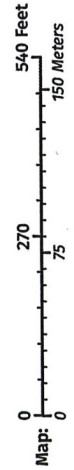
Trail 37 Box Culvert Aerial Map

- Legend:** (Some map layers may not be displayed)
- Rivers and Streams
 - - - Intermittent Streams
 - 24K Intermittent Streams
 - County Boundaries
 - County and Local Roads
 - Local Road
 - Latest Leaf Off Imagery



Map projection: NAD 1983 HARN Wisconsin TM

Service Layer Credits:
Latest Leaf Off, Cities, Roads & Boundaries, Surface Water (cached), WIDNR, USGS, and other data



Notes:

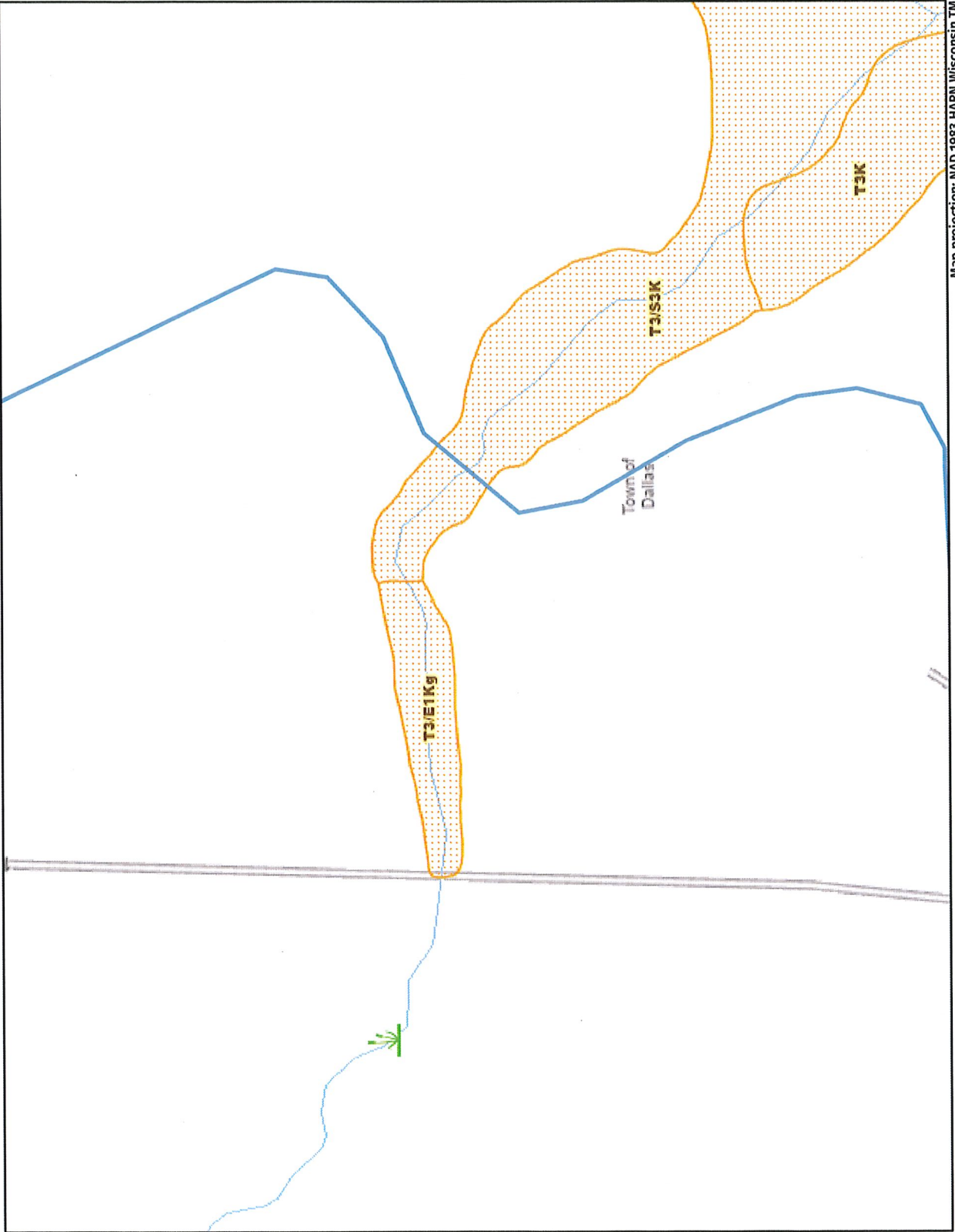
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Date Printed: 4/7/2025 6:00 PM



Trail 37 Box Culvert Wetland Map

- Legend:** (some map layers may not be displayed)
- Wetland Class Points
 - Wetland too small to delineate
 - Wetland Class Areas
 - Rivers and Streams
 - Intermittent Streams
 - 24K Intermittent Streams
 - County Boundaries
 - County and Local Roads
 - Local Road

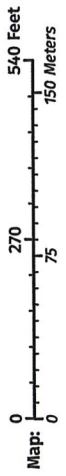


Notes:



Map projection: NAD 1983 HARN Wisconsin TM

Service Layer Credits:
 Wisconsin Wetland Inventory NWI (Dynamic): Calvin Lawrence, Dennis Weise, Nina Rihn, Cities, Roads & Boundaries, Surface Water (Cached): WIDNR, USGS, and other data



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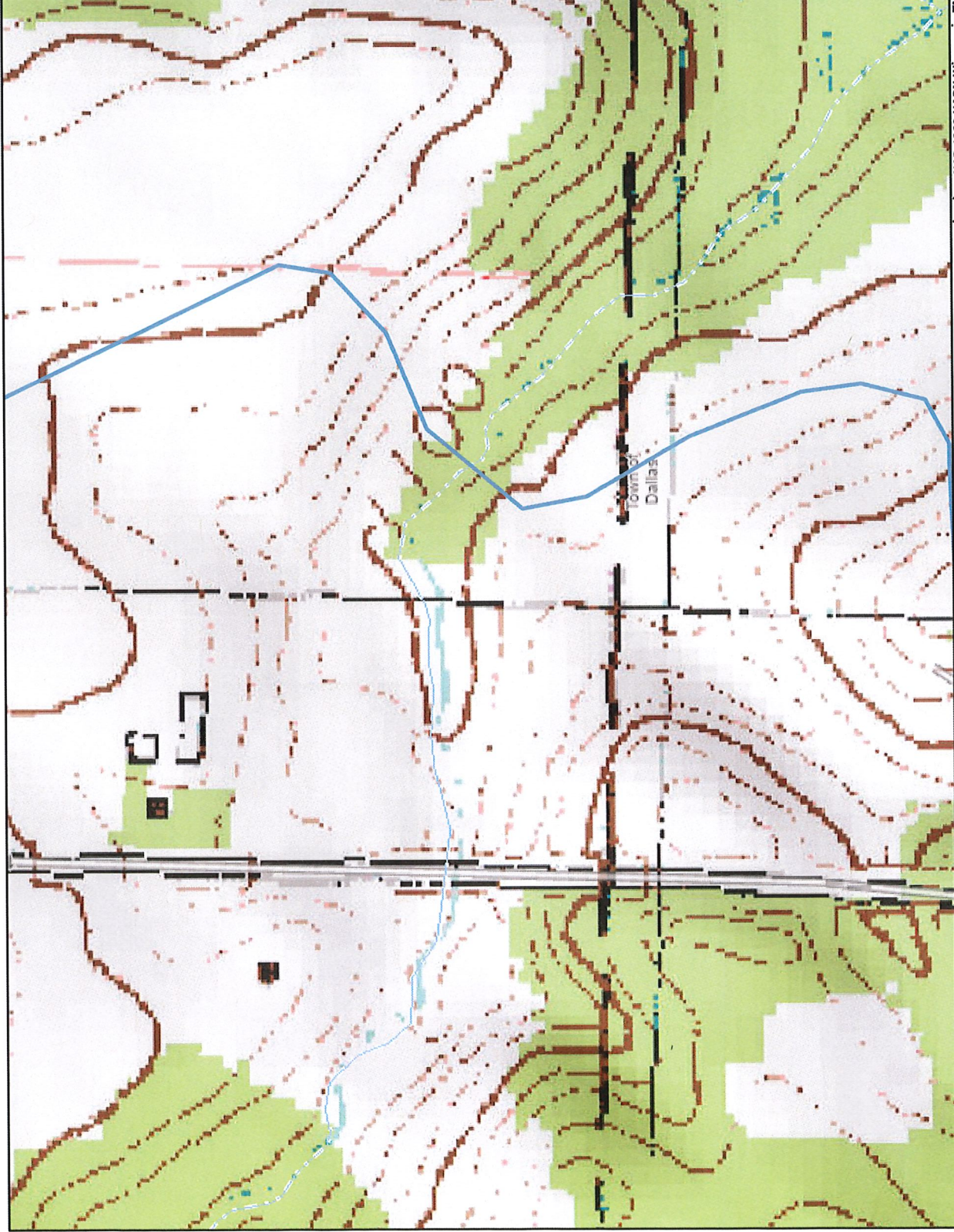
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Trail 37 Box Culvert Topo Map

Legend: (Some map layers may not be displayed)

- Rivers and Streams
- - - Intermittent Streams
- 24K Intermittent Streams
- County Boundaries
- County and Local Roads
- Local Road



Map projection: NAD 1983 HARN Wisconsin TM

Service Layer Credits:
Cities, Roads & Boundaries: , Topographic Maps , Surface Water (Cached): WIDNR, USGS, and other data

Map:
0 270 540 Feet
0 75 150 Meters



Notes:





Maple Grove

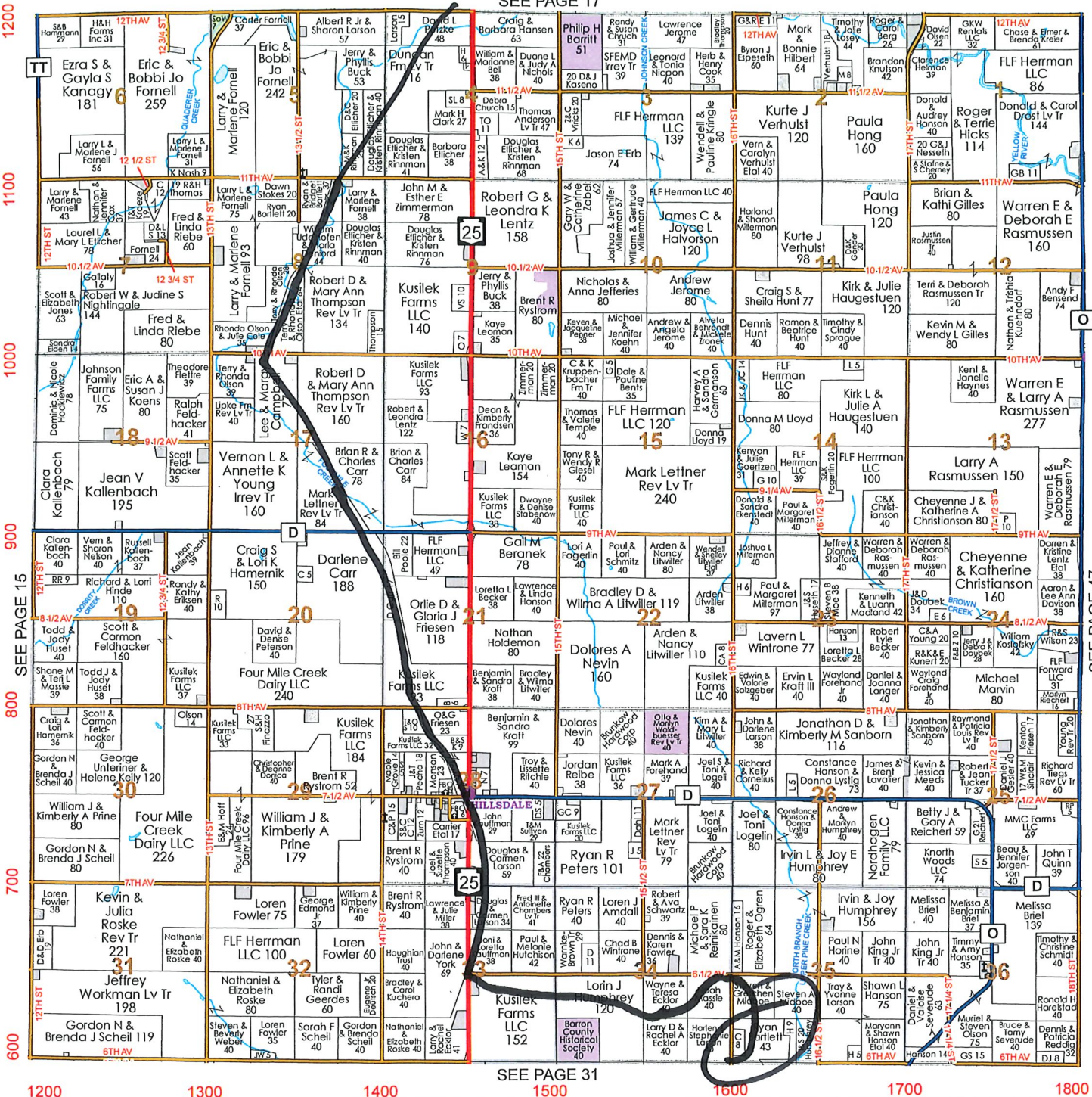
Township 33N - Range 12W

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SEE PAGE 17

SEE PAGE 31

SEE PAGE 47



GOOD YEAR

Noble's Tire Service & Retreading, Inc.

On the Farm Service • Alignments, Brakes
Complete Line of Performance Tires • Light Truck & Commercial Tires

1490 East Division Avenue • Barron, Wisconsin 54812
(715) 537-5268

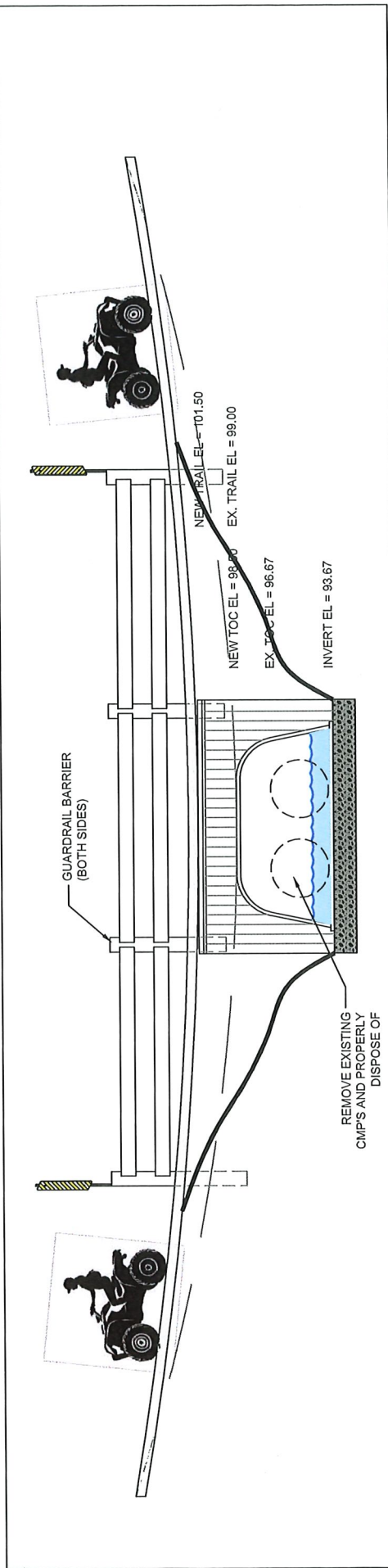
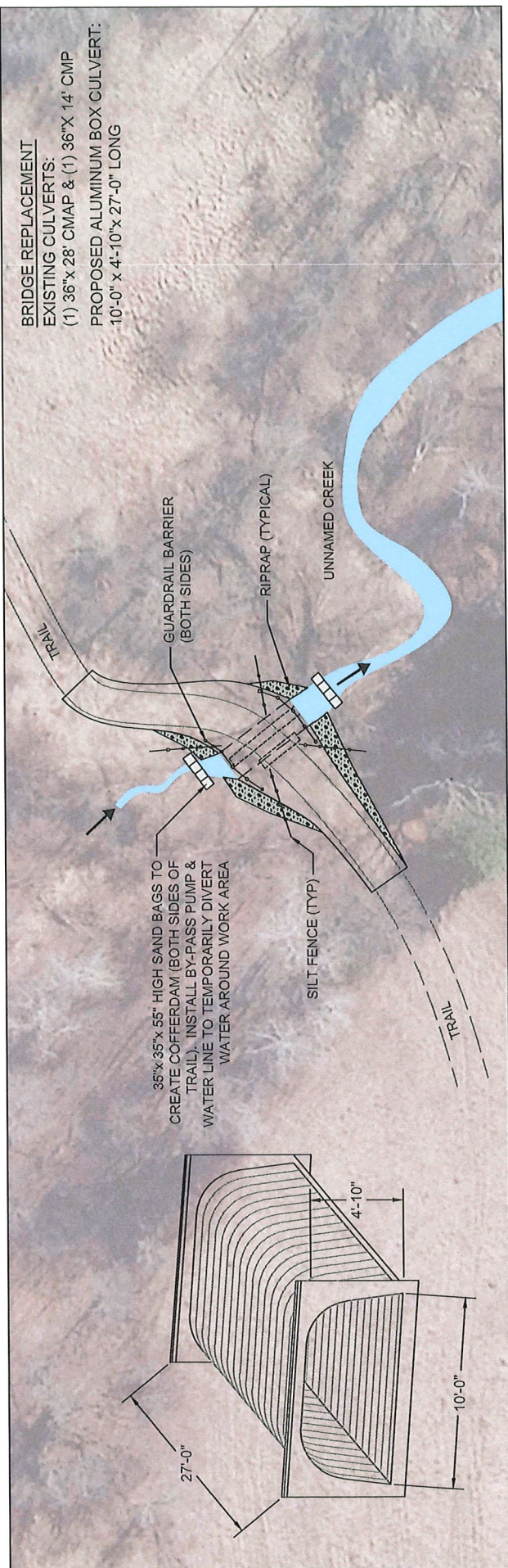
BRIDGE REPLACEMENT

EXISTING CULVERTS:

(1) 36"x 28' CMP & (1) 36"x 14' CMP

PROPOSED ALUMINUM BOX CULVERT:

10'-0" x 4'-10" x 27'-0" LONG



SCALE	NTS
PROJECT START DATE	2025
PROJECT END DATE	2025
DRAWN BY	LAR
CHECKED BY	JW



BARRON COUNTY HIGHWAY DEPARTMENT
 200 North 5th Street • Barron, WI 54603
 Phone: 715-691-3255 • Fax: 715-691-3061

CULVERT REPLACEMENT OVER UNNAMED CREEK
 TRAIL 37 CULVERT REPLACEMENT - 1000' EAST OF 16TH STREET
 TOWN OF MAPLE GROVE
 BARRON COUNTY, WISCONSIN

BARRON CO. PROJECT NO.
53369.462 785
2025-068

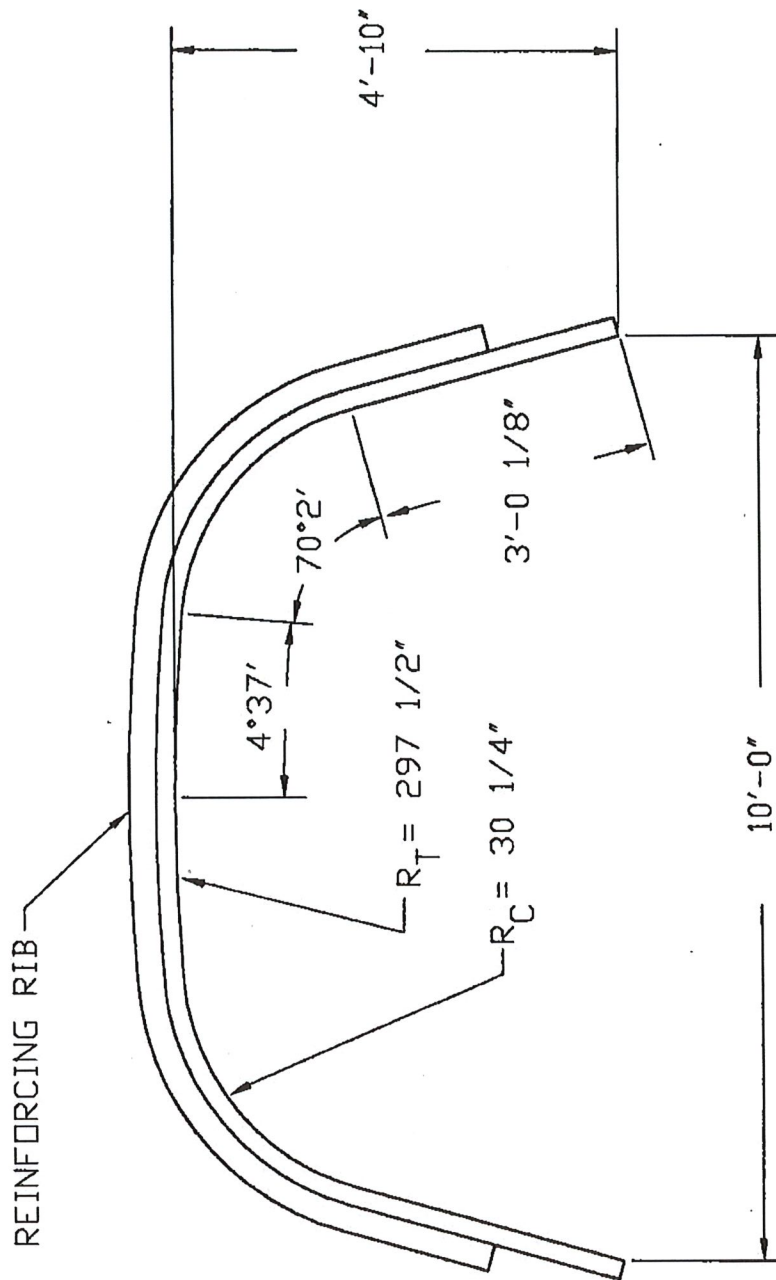
SHEET NO.
1 of 1

Barron County Sheriffs Dept. - Trail 37

Created by: LAR

2025-068





SCALE: 1/2" = 1'-0"
 APPROX. AREA = 40.2 SQ. FT.

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 CONSTRUCTION PRODUCTS INC.
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ALUMINUM BOX CULVERT
 STRUCTURE #4
 10'-0" SPAN x 4'-10" RISE

Drawing Date: S.A.V. 7-15-96

Revision Date: R.L.S. 7-23-97

Drawing Number: 1009692B

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	
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</u> that 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	/
	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	/
	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	-1
GRAND TOTAL			2

3

Comments/Notes:

Barron County does not feel that a P.E. needs to inspect 2 culverts that the average person can clearly see have failed.

County does not have an active Snow project that has exceeded the initial grant period.