

#43 Price Co Deer Creek 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)
 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 Price County Trails Association			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 Evan Lund			Check Recipient Name (Name to Appear on Check) Same		
Title Snowmobile Coordinator			Title		
Address 104 S Eyder Ave			Address		
City Phillips	State WI	ZIP Code 54555	City	State	ZIP Code
Telephone Number 715-339-2550	Email Address lcd@co.price.wi.us				

Section 2: Project Information Required for all Projects						
Project Title Deer Creek- Donovan Snowmobile Bridge				Current Funded Miles	New Miles (if applicable)	
County Price	Township 37 N	Range 1	Section 2	1/4 1/4 SE	1/4 SE	GPS Coordinates: Lat. 45.712047 Long. -90.460630


Project Description Summary
 The Price County Trails Association is planning to replace an existing bridge on Deer Creek west of Phillips, WI. The existing bridge is in poor condition and is becoming unsafe. The bridge is located in a wetland, so no fill will be used. The bridge will be anchored using driven pilings. The new bridge will be 35'X12' with two 16' ramp approaches. Silt fence will be placed along the creek during construction to ensure no erosion occurs. The area impacted will be contained in the approximate 67'x12' area. *Due to the small size of the creek and boat travel unfeasible, we're asking for 3.5' of clearance instead of 5'.*

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

Estimated Cost						
Maintenance	Acquisition	Insurance	Development	Bridge Rehab. 62,310	Trail Rehab.	Total Estimated Cost
Leave Blank – DNR Use Only						

Applicant Certification	
Printed Name of Authorized Official Evan Lund	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 4/10/24
Date Prepared

Motorized Recreation Grant Application

Form 8700-159 (R 02/2024)

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

Bridge Rehab/Replace
 New Bridge
 Reroute with new bridge

County	Township	Range	Section	¼ ¼	¼	GPS Coordinates:
Price	37 N	1	2	SE	SE	Lat. 45.712047 Long. -90.460630
Water Body Name			Bridge Name		County Inventory Number	
Deer Creek			Deer Creek- Donovan Bridge			
Funded Trail Name or Number (SNARS if applicable)			Has this bridge site ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input checked="" type="radio"/> No Year: _____ \$ _____			
90						
Bridge is located on:			Old Bridge/Culvert Size			
<input checked="" type="radio"/> Private property			52'X12'			
<input type="radio"/> Public property			New Bridge/Culvert Size			
			34'X12' with two 17' Ramps			
Landowner Where Bridge is Located			Telephone Number		Length of Trail Use Agreement (5 year minimum)	
Dorothy and Francis Donovan			715-339-2611		5 Years	
Current maximum load		Age of Bridge	Bridge Material			
12000 lbs.		Unkown	Wood			
Proposed maximum load						
25000 lbs.						
Sponsoring Club Name			Club Contact		Telephone Number	
Lugerville Chasers			Frank Dusek		715-339-3883	
Do you have your trail bridges posted as to maximum load?			What is the maximum load of the other bridges on the system if groomed with this bridge?			
<input type="radio"/> Yes <input checked="" type="radio"/> No			Varies			
What is the weight of your puller & drag/grading equipment?						
14,000						
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 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 Price County Trails Association is planning to replace an existing bridge on Deer Creek west of Phillips, WI. The existing bridge is in poor condition and is becoming unsafe. The bridge is located in a wetland, so no fill will be used. The bridge will be anchored using driven pilings. The new bridge will be 35'X12' with two 16' ramp approaches. Silt fence will be placed along the creek during construction to ensure no erosion occurs. The area impacted will be contained in the approximate 67'x12' area. *Due to the small size of the creek and boat travel unfeasible, we're asking for 3.5' of OHWM clearance instead of 5'.*

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:		<u>67'x12'</u>	<u>70'x12'</u>
Bridge Manufacturer:		<u>Janak and Sons</u>	<u>Anderson</u>
Design Weight Load		<u>25,000</u> lbs.	<u>25,000</u> lbs.
Cost of Structure:	1. Engineering	\$ <u>2,500</u>	\$ <u>4,000</u>
	2. Structure	\$ _____	\$ <u>74,000</u>
	Subtotal	\$ _____	\$ _____

		Quote 1	Quote 2
		<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor
		Estimate	Estimate
1. Engineering		\$ <u>2,500</u>	\$ <u>4,000</u>
2. Site Preparation		\$ <u>3,000</u>	\$ <u>5,000</u>
3. Abutments		\$ _____	\$ <u>10,000</u>
4. Pilings/Piers		\$ _____	\$ _____
5. Approaches		\$ <u>6,000</u>	\$ _____
6. Riprap		\$ _____	\$ <u>2,000</u>
7. Labor		\$ <u>50,810</u>	\$ <u>5,000</u>
8. Equipment Rental		\$ _____	\$ _____
9. Culverts		\$ _____	\$ _____
10. H & H Study		\$ _____	\$ _____
11. Wetland Delineation		\$ _____	\$ _____
12. Other _____		\$ _____	\$ _____
	Subtotal	\$ _____	\$ _____
	Total Cost	\$ <u>62,310</u>	\$ <u>100,000</u>

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

Entire Deck and Railing Projects		<input checked="" type="radio"/> Contractor	<input type="radio"/> Sponsor	<input type="radio"/> Club
Bridge Dimensions:		<u>67'x12'</u>		
Design Weight Load		<u>25,000</u> lbs.		
1. Materials		\$ _____		
2. Labor		\$ _____		
	Total	\$ <u>62,310</u>		

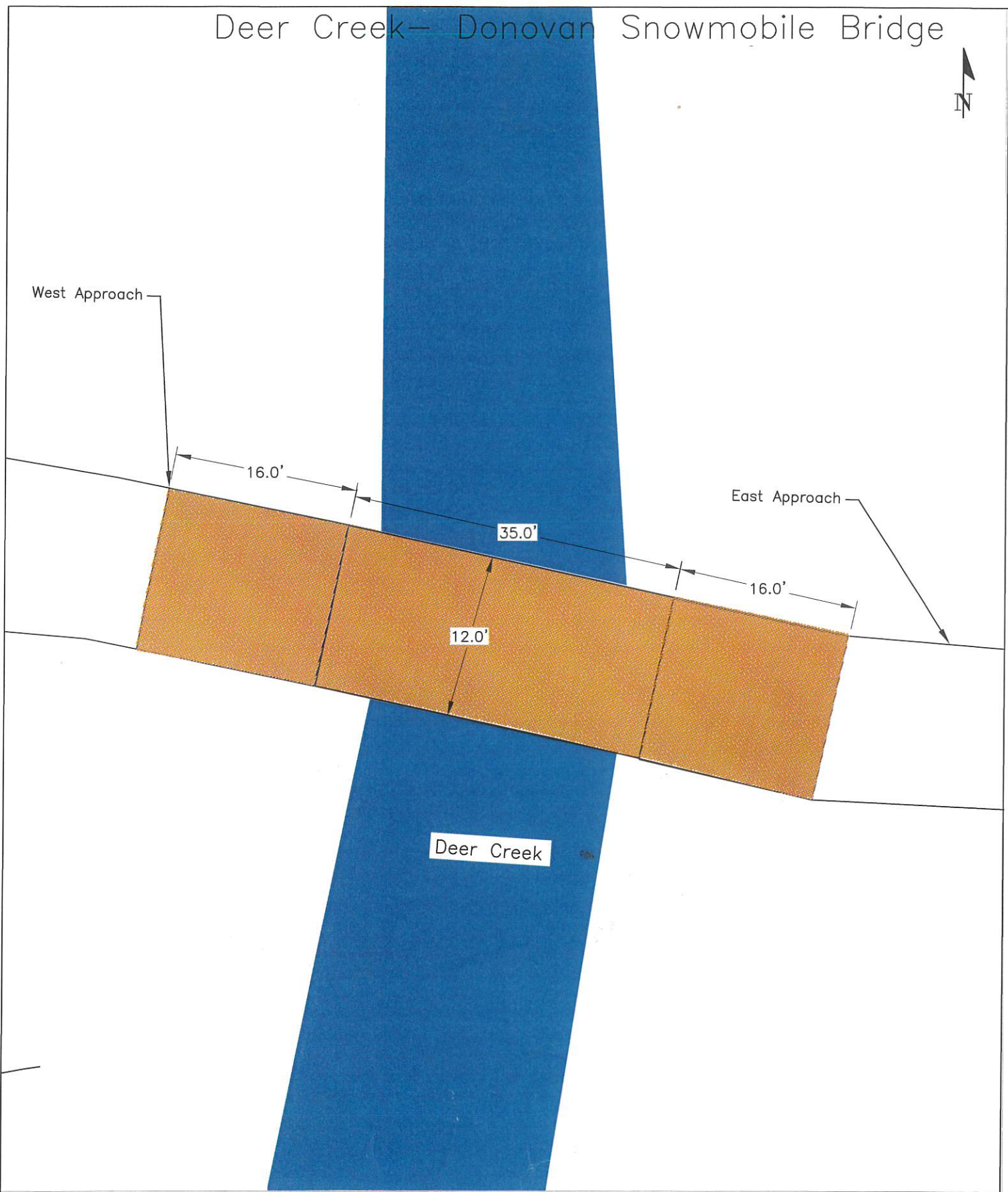
Guidelines for Applicant

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	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 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	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		2

Comments/Notes:

Deer Creek— Donovan Snowmobile Bridge

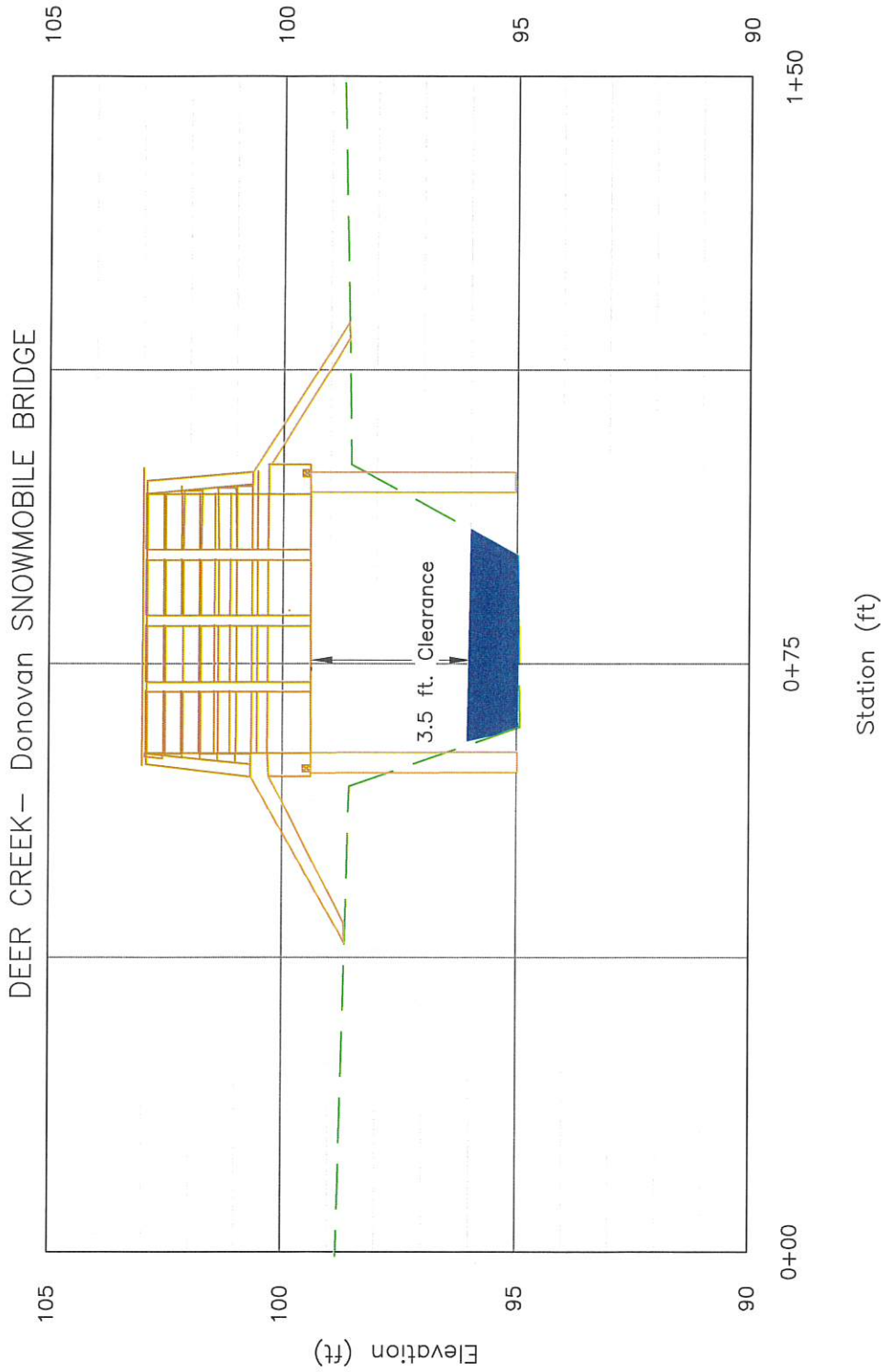


Price County
Land Conservation Department

DESIGNED: JMT
 CHECKED: _____
 APPROVED: _____
 PROJECT NUMBER: _____

PLAN VIEW
 Price County
 Snowmobile
 Trails Association
 CLIENT: _____
 COUNTY: PRICE

DATE
February 2024
 SHEET ____ OF ____



*Bridge structure dimensions shown in engineering drawing (see attached)



















** Vertical Scale exaggerated 1:5.

Conceptual sketch— for DNR permitting purposes only. Placement of bridge does not take include a detailed hydrological study. The plan preparer is not responsible for design or safety of bridge structure.

Price County Land Conservation Department	DESIGNED: <u>JMT</u>	PROFILE VIEW Price County Snowmobile Trails Association CLIENT: PRICE COUNTY: PRICE	DATE
	CHECKED: _____		
	APPROVED: _____		
	PROJECT NUMBER: _____		SHEET _____ OF _____

Deer Creek Wetland Map



-  Parcels
-  Parcel Numbers
-  Rivers and Streams
-  Lakes and Rivers
-  Roads
 -  US Highways
 -  State Highways
 -  County Highways
 -  Town Roads
 -  City and Village Roads
 -  Forest Roads
 -  Private Roads
-  Wetland Points
 -  Dammed pond
 -  Excavated pond
 -  Wetland too small to delineate
-  Wetlands
-  Marshes

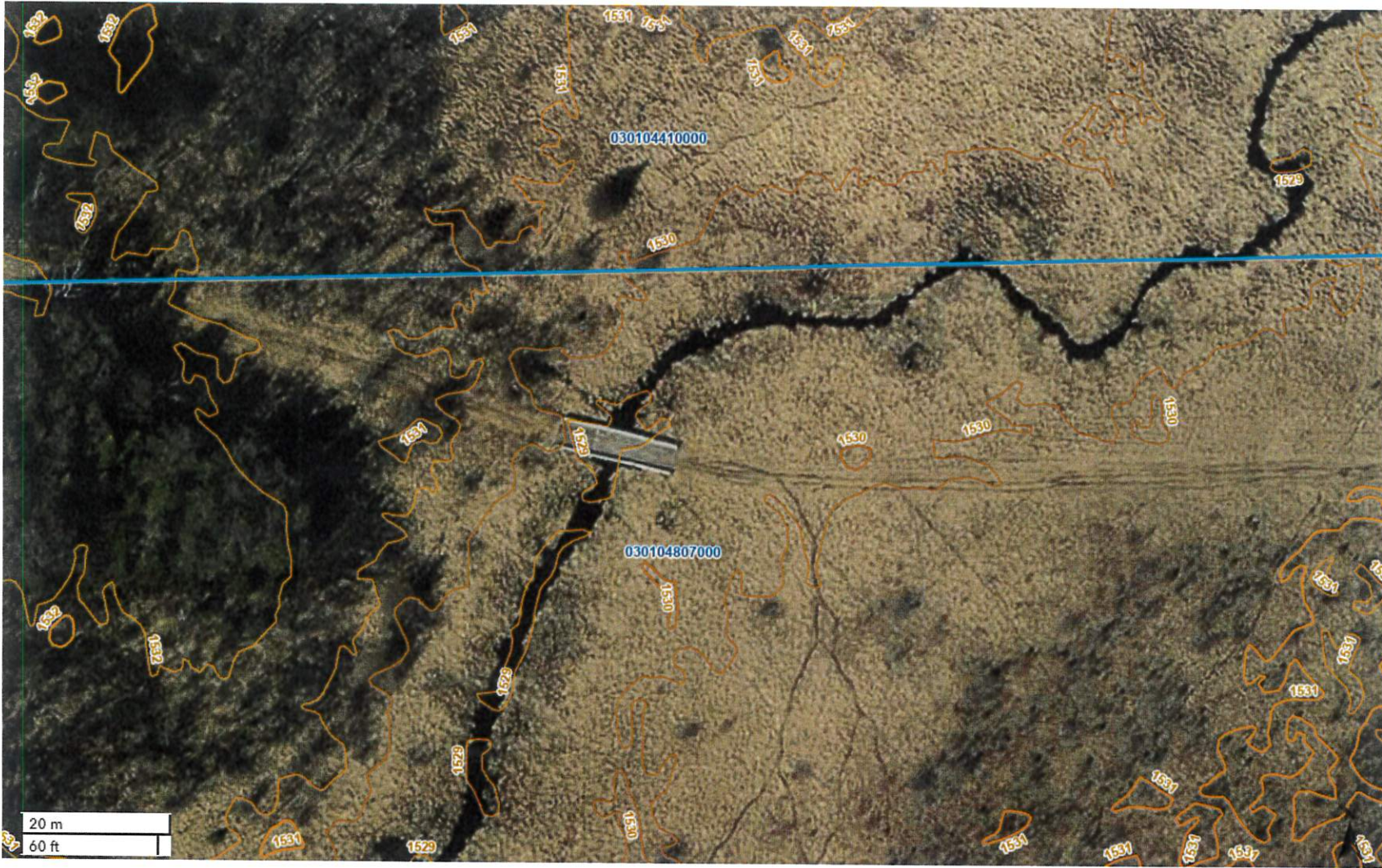
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Developed by



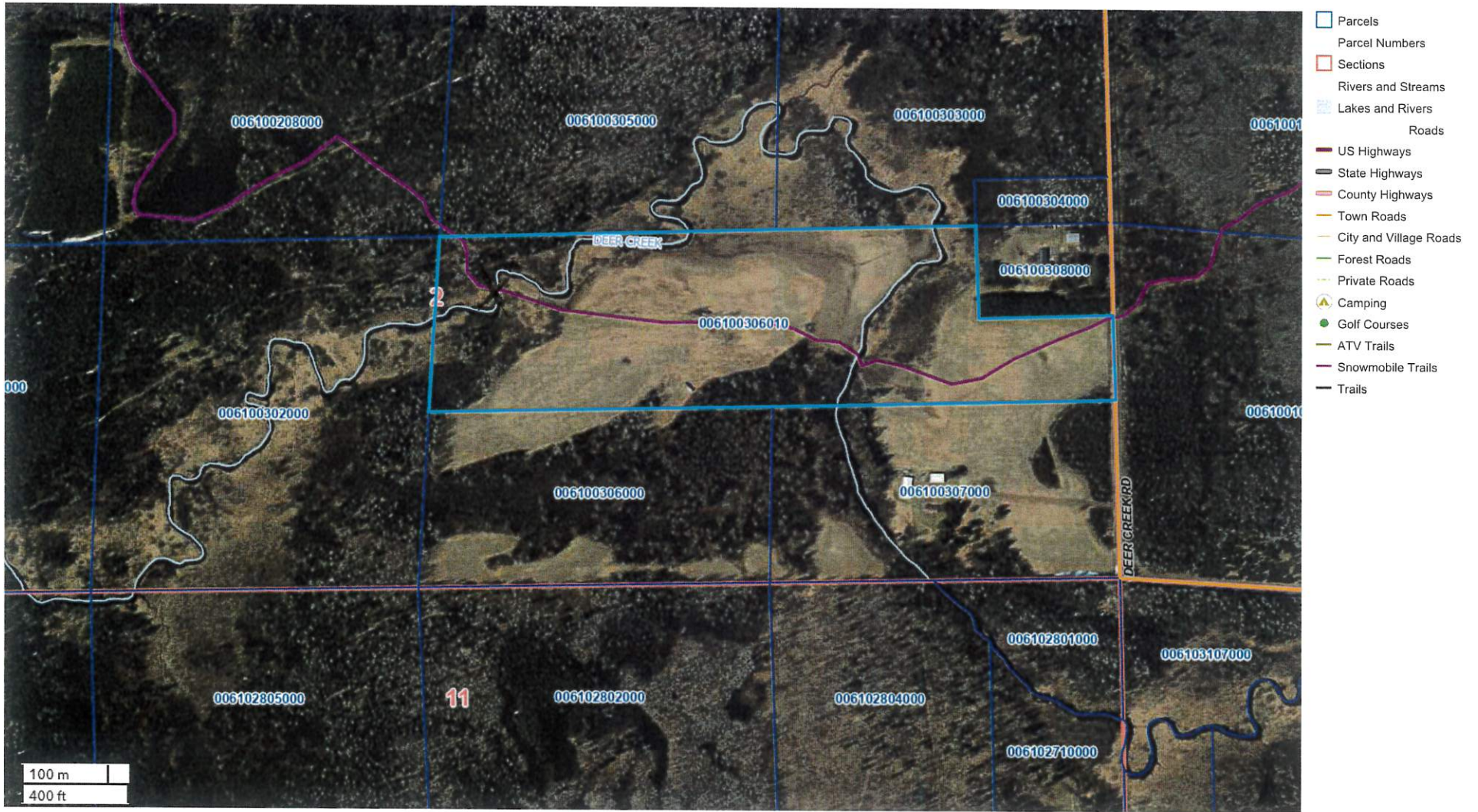
Deer Creek



- Parcels
- Parcel Numbers
- Rivers and Streams
- Lakes and Rivers
- Roads
 - US Highways
 - State Highways
 - County Highways
 - Town Roads
 - City and Village Roads
 - Forest Roads
 - Private Roads
- Contours
 - Index
 - Index Depression
 - Intermediate
 - Intermediate Depression

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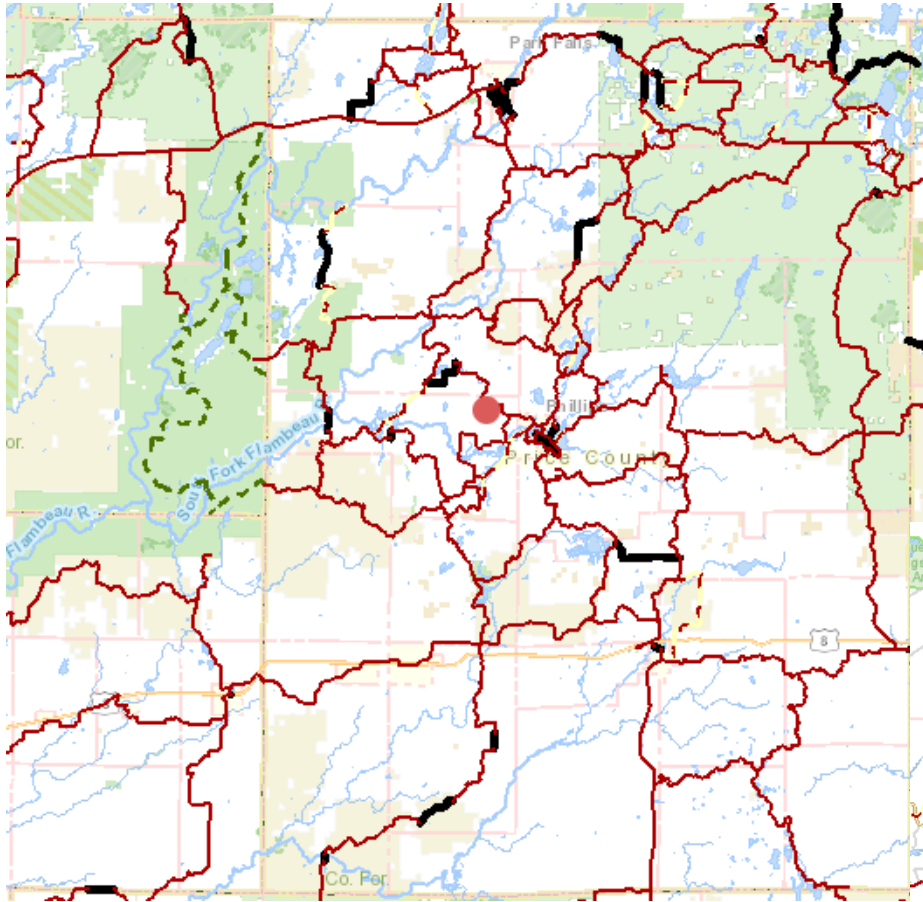


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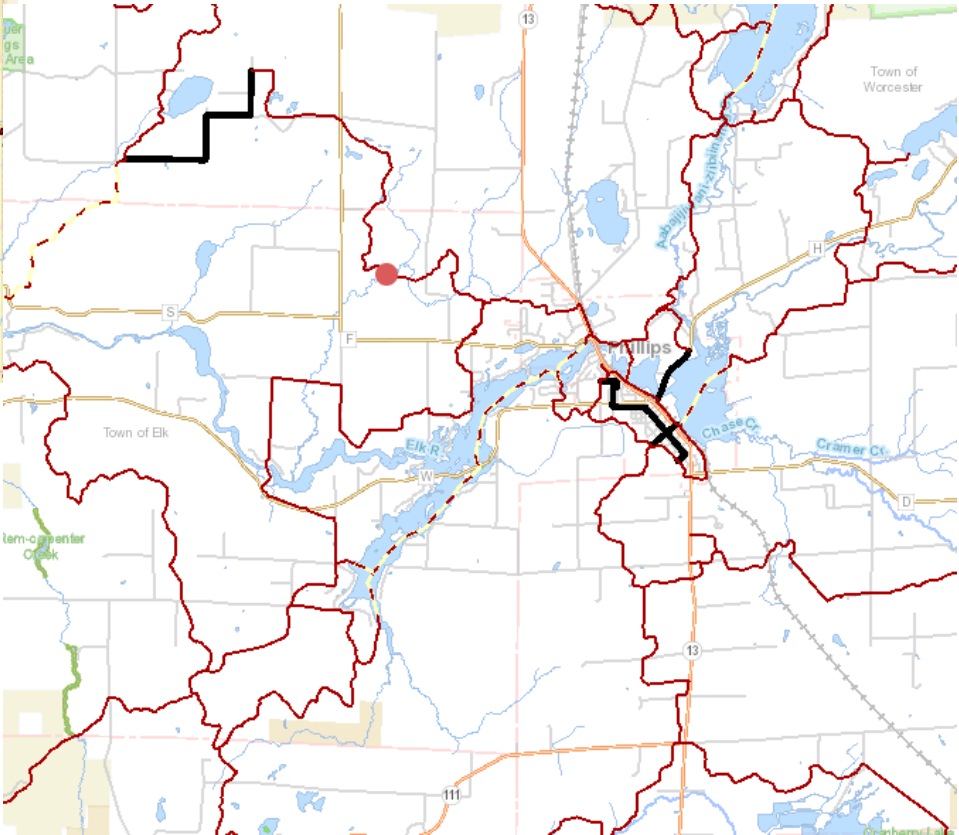
Developed by





County View

NW of Phillips



Bridge Structure

Quote 1

Steel Wooden

67' x 12'

Bridge Dimensions:

Bridge Manufacturer: JANAK ALU SONS

Design Weight Load 25,000 lbs.

Cost of Structure: 1. Engineering \$ _____

2. Structure \$ _____

Subtotal \$ ~~54,110~~ 62,310

Quote 1

Contractor or Sponsor

Estimate

Installation Costs:

1. Engineering \$ 2,800

2. Site Preparation \$ 3,000

3. Abutments \$ _____

4. Pilings/Piers \$ _____

5. Approaches \$ 6,000

6. Riprap \$ _____

7. Labor \$ 50,810

8. Equipment Rental \$ _____

9. Culverts \$ _____

10. H & H Study \$ _____

11. Wetland Delineation \$ _____

12. Other _____ \$ _____

Subtotal \$ _____

Total Cost \$ 62,310

FOR BUDGET PURPOSES ONLY

Entire Deck and Railing Projects

Contractor Sponsor Club

Bridge Dimensions: _____

Design Weight Load _____ lbs.

1. Materials \$ _____

2. Labor \$ _____

Total \$ _____



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

PROPOSAL

February 29, 2024

To: Price County Snowmobile Trail Administrator

Re: Deer Creek Snowmobile Bridge Budget

- 1 - **70' x 12' (clear width) arched 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: **Price County, WI**
 - Engineered Drawings State Seal: **Wisconsin**

Price-----		\$100,000
•	Structure (Steel Truss)	\$74,000
•	Engineering	\$4,000
•	Soil Testing	\$0
•	Site Prep	\$5,000
•	Abutments	\$10,000
•	Labor	\$5,000
•	Rip Rap	\$2,000

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

Please call with any questions.

Thank you,

Kory S. Weathers

Dear Creek Snowmobile Bridge



Deer Creek Snowmobile Bridge





Trail Bridge Inspection

Price County

Bridge Name

Lugerville Chasers

Inspected By:

William S. Knaack Jr, P.E.

William S. Knaack Sr.

Tyler Weber, Club Rep.

5/10/24

Prepared By

KBIS, LLC





W7218 Hickory Lane
Phillips, WI 54555
wm.kbis@gmail.com
715.820.0095

Bridge Inspection Report

General Information

The structure in this report was inspected by certified Wisconsin Department of Transportation Bridge Inspectors. Inspectors are Bridge Inspection Team Leaders and NSTM certified inspectors.

The bridge was inspected with trail use in mind, using normal vehicle bridge standards to determine the condition of the structure.

All recommendations made in the report are also considering the use of the trail. Trail bridges in general should have a load rating considering all the possible uses of the structure. Even though the bridges may be just for snowmobiles, several types of vehicles may use the structure.

Location information/General Description:

Located North of CTH F and Deer Creek Rd, Phillips.
45.711411, -90.455429

Bridge Condition

Condition State (CS) 1-Good, CS2-Fair, CS3-Poor, CS4-Critical

This bridge is floating on top of the stream. NO substructure found.

Native log stringers, 7, could dig right through them from decay. The deck is really new, it is also holding this bridge above water.

This bridge is no longer useful and has strong stream impact.

I do not recommend any heavy equipment or vehicles on this bridge. Snowmobiles would be fine in a frozen condition.

Length 28ft, 13 ft wide, 0+ feet clearance.



W7218 Hickory Lane
Phillips, WI 54555
wm.kbis@gmail.com
715.820.0095

Bridge Inspection Report

Report Summary

NBI Ratings: 9-7 Good, 6-5 Fair, 4-3 Poor, 2-1 Critical, 0-Closed

Deck	# 7	
Wearing Surface	#7	
Superstructure	# 2	
Substructure	# << >>	
Channel	# 4	
Overall Condition	Critical	

Recommendations/Maintenance Items:

*****This bridge needs to be replaced or load rated in 2024. This by visual observation, this bridge has very little structural strength left with the floating timbers. I do not recommend taking any heavy equipment across this structure until replacement. Load rating is not cost effective either, as it will most likely result in a tonnage that will not allow needed equipment across. If not replaced this year, the club/county should then use the timbers placed adjacent to the span last year and use that for a temp structure. This structure is impeding the flood plain. It is constricting the channel. Any high water it wants to go downstream. It is a floating bridge that has long outlived itself.

Install new object markers with new bridge.

Signed By:

William S. Knaack Jr., P.E.

Bridge Inspection Report

Photo Observations



Looking South

Bridge Inspection Report

Photo Observations



Very decayed timber superstructure.

Bridge Inspection Report

Photo Observations



Very decayed timber superstructure.

Bridge Inspection Report

Photo Observations



Looking West

Bridge Inspection Report

Photo Observations



West Bridge ahead Sign

Bridge Inspection Report

Photo Observations



CS3 Object Marker SE.