

#5 Cheese Country Bridge 48 Rehab

State of Wisconsin
 Department of Natural Resources
dnr.wi.gov

Motorized Recreation Grant Application

For: (choose all that apply)

Form 8700-159 (R 04/22)

Page 1 of 5

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 Tri County Trails Commission			Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input checked="" type="checkbox"/> Select if the same as applicant.		
Individual Authorized to Act on Behalf of Applicant per Resolution Thomas R. Jean			Check Recipient Name (Name to Appear on Check)		
Title Trail Coordinator			Title		
Address 15456 County Shop Road			Address		
City Darlington	State WI	ZIP Code 53530	City	State	ZIP Code
Telephone Number 608-574-4055		Email Address tandjjean@gmail.com			

Section 2: Project Information Required for all Projects

Project Title Cheese Country Trail ATV/UTV maintenance for 2023-2024				Current Funded Miles 57.5	New Miles (if applicable) NA
County Lafayette	Township N	Range O E O W	Section ¼ ¼	¼	GPS Coordinates: Lat. <u>N 42° 44.442'</u> Long. <u>W 090° 10.161'</u>

Project Description Summary

Rehabilitation of Bridge #48 on the Cheese Country Trail over the Pecatonica River in Calamine WI. To include removal of existing deteriorated deck and sub standard railing (also deteriorated). Construction of a new Wheeler wood deck system including new railing, wear surface, approach work and landscaping.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab. 167,172.28	Trail Rehab.	Total Estimated Cost
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official Thomas R. Jean	Official's Title Trail Coordinator
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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.

Thomas R. Jean
 Signature of Authorized Official

4-14-2023
 Date Prepared

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Page 3 of 5

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

Bridge Rehab/Replace New Bridge Reroute with new bridge

County Lafayette	Township N	Range <input type="radio"/> E <input type="radio"/> W	Section	1/4 1/4	1/4	GPS Coordinates: Lat. N42deg. 44.442' Long. W090deg. 10.161'	
Water Body Name Pecatonica River			Bridge Name Calamine Bridge		County Inventory Number #48		
Funded Trail Name or Number (SNARS if applicable) Cheese Country Trail			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 _____		New Bridge/Culvert Size _____		
Landowner Where Bridge is Located Pecatonica Rail Transit Commission			Telephone Number _____		Length of Trail Use Agreement (5 year minimum) _____		
Current maximum load >10,000 lbs.		Age of Bridge NA		Bridge Material Concrete inbutements, steel girders & wooden deck			
Proposed maximum load 40,000 lbs.		Sponsoring Club Name Tri County Trail Commission			Club Contact Tom Jean		Telephone Number 608-574-4055
Do you have your trail bridges posted as to maximum load? <input type="radio"/> Yes <input checked="" type="radio"/> 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? 10,000 #			40,000#				
What other recreational trail uses are planned for this bridge? ATV's, UTV's, Snowmobile, bikes, horses and pedestrians all use this trail.							
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? NA							
<input type="radio"/> Yes <input checked="" type="radio"/> No Have you contacted your local DNR Water Management Specialist (WMS) regarding a permit?							
<input type="radio"/> Yes <input checked="" type="radio"/> No Is a permit needed? (Please provide any written correspondence from WMS.)							
<input type="radio"/> Yes <input checked="" 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 deck on the existing bridge is severely deteriorated and the railing is sub standard, old and unsafe. The bridge consists of a old RR bridge designed for train traffic. Therefore the super structure is sound and in good shape. However the deck and rail systems need to be replaced. Jewell Associate Engineers from Spring Green was hired to do a structural analysis and to provide a cost estimate to repair the deck and railing. Their recommendation and cost estimate is the basis of this application.

Pecatonica State Trail Bridge Deck Replacement

Bridge Length

116 ft

Base Unit Costs - Replace Existing Decking With Panel-lam system

Item	Unit	Estimated North Quantity	Estimated Cost/Unit	North Bridge Cost
Existing Railing Removal	LF	232	\$4.00	\$928.00
Existing Curb Removal	LF	232	\$4.00	\$928.00
Existing Wearing Surface Removal	SF	1160	\$2.00	\$2,320.00
Existing Tie Removal	LF	1160	\$10.00	\$11,600.00
Total Material Cost	LF	116	\$685.00	\$79,460.00
Deck Panel Installation	LF	116	\$70.00	\$8,120.00
Proposed Railing Installation	LF	232	\$20.00	\$4,640.00
Wear Course Installation	SF	1392	\$3.00	\$4,176.00
Equipment Cost for Deck Installation	HR	70	\$75.00	\$5,250.00
Approach Work Excavation/Fill	CY	370	\$20.00	\$7,400.00
Approach Work Aggregate	CY	90	\$12.00	\$1,080.00
Seeding/Erosion/Finishing	SY	250	\$5.00	\$1,250.00
Mobilization	LS	1	\$5,000.00	\$5,000.00
Contingencies	LS	1	15%	\$19,822.80

Totals \$151,974.80

10% \$15,197.48

Total Project Cost \$167,172.28

Arthur

To Mineral Point

Blanchardville

Belmont

Calamine

Fayette

Truman

#48
N 42° 44.442'
W 1090° 10.161'

Lamont

Argyle

Darlington

#18

Woodford

Wiota

Cuba City

To Monroe

Benton

Lead Mine

Shullsburg

Gratiot



South Wayne

Hazel Green

Strawbridge

New Diggings

Legend
Trails

-  Cheese Country Trail
-  Pecatonica Trail



1 inch = 19,250 feet

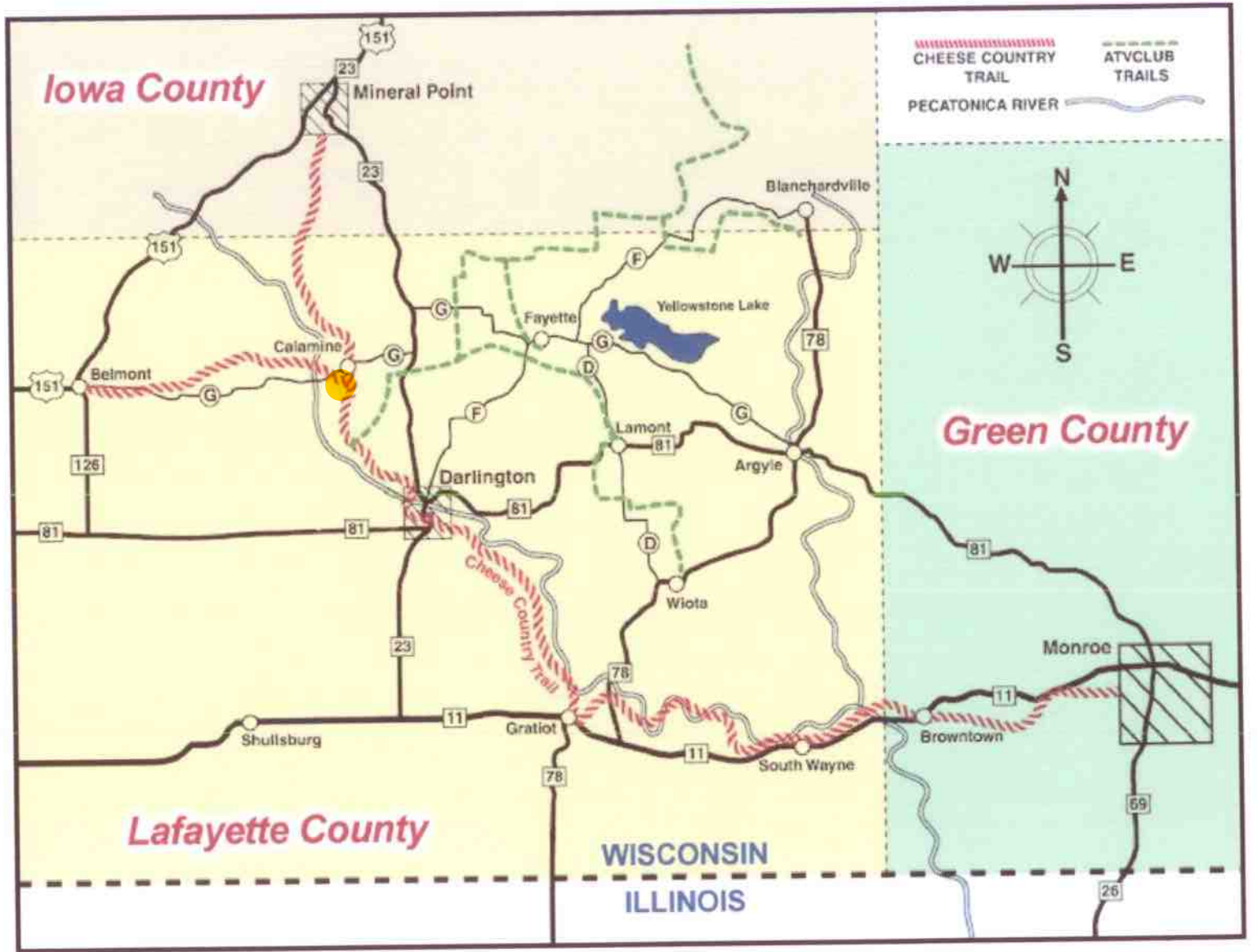
Cheese Country & Pecatonica Trails



Lafayette County Land Information
www.lafayettecountywi.org/lgi

Map features are a representation only and do not replace a survey or other legally recorded documents.
2015 Aerial Imagery

Map Created: April 2019







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Pecatonica River Access

Pecatonica State Trail

Pecatonica State Trail

Pecatonica State Trail

Pecatonica State Trail