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#6 Cheese Country Bridge 19 Rehab

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

Motorized Recreation Grant Application For: (choose all that apply)

Form 8700-

Form 8700-159 (R 04/22)

Due Date: April 15

☐ ATV/UTV Trail Aid

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Snowmobile Trail Aid
 Snowmobile T

Notice: Completion of this form is required under Wisconsin Statutes 23 00/26) and 22 22	Fallows to the Control of the Contro
Notice: Completion of this form is required under Wisconsin Statutes 23.09(26) and 23.33. financial assistance. Personally identifiable information found on this form is required.	railure to complete this form will result in denial of
mission decidentes. I croonally lightlinguit information for the not intended to	ho wood for one address the second of the se
Natural Resources (DNR) may provide this information to requesters as required by Wiscons	in's Public Records law (ss. 1931 – 1939 Wie State)

Instructions: Applications may combine more than one source of funds. They may **DNR Use Only** 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 Category Number necessary attachments. Send applications to your Community Services Specialist. Section 1: Applicant Information Applicant / Organization Name Check Recipient: Individual other than authorized individual to act Tri County Trails Commission on behalf of the applicant. Select if the same as applicant. Individual Authorized to Act on Behalf of Applicant per Resolution Check Recipient Name (Name to Appear on Check) Thomas R. Jean Title Title Trail Coordinator Address Address 15456 County Shop Road City State ZIP Code City State ZIP Code Darlington WI 53530

	33 - 33 - 33 - 34 - 35 - 35 - 35 - 35 -								
Section 2: Project Informa	tion	Required t	or all P	roiect	s				
Drojoct Title				Current	Funded Miles	New Miles (if applicable)			
Cheese Country Trail Bridge # 18 rehabilitation				57.5		NA			
County		Township	Range		Section	1/4 1/4	1/4	GPS Coordinate	es:
Lafayette	-	N		O _E		-	~	Lat. Long.	
D : (D)					L			19.	

Email Address

tandijean@gmail.com

Project Description Summary

Telephone Number

608-574-4055

Rehabilitation of Bridge #18 on the Cheese Country Trail over the Pecatonica River in Calamine WI. To include removal of existing deterioated deck and sub standard railing (also deterioated). 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.

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost	
9			-	83,651.92	2		
			Leave Blank - DNR	Use Only			
Applicant Cert	ification						
Printed Name o	f Authorized Officia		Of	ficial's Title			
Thomas R. Jean			Tr	Trail 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

Date Prepared

Motorized Recreation Grant Application

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Appendix A – Required for Bridge Rehab/Replace,	New, or Reroute with New Br	idge					
☑ Bridge Rehab/Replace ☐ New Bridge ☐ Reroute with new bridge							
County Township Range Section	on 1/4 1/4 1/4 GPS Coordinate						
Lafayette OE N OW	Lat. N42deg. 38.745' Long. W090deg. 03.347'						
Water Body Name Br	ridge Name	County Inventory Number					
Pecatonica River R	Redrock Bridge #18						
	Has this bridge site ever received development or rehabilitation funds in the past? Yes No Year: \$\$						
Cheese Country Trail							
Bridge is located on: Private property O	ld Bridge/Culvert Size						
	ew Bridge/Culvert Size						
	Telephone Number Length of Trail Use Agreement (5						
Pecatonica Rail Transit Commission							
Current maximum load $>10,000$ lbs. Age of Bridge							
Proposed maximum load40,000 lbs. NA	Concrete inbutements, steel						
	Contact	Telephone Number					
•	n Jean	608-574-4055					
	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? 40,0	40,000#						
10,000 #							
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							
Yes No Have you contacted your local <u>DNR Water Management Specialist (WMS)</u> 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 deck on the existing bridge is severly deterioated and the railing is sub standard, old and unsafe and the railing is too narrow to get a groomer through. 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.

Cheese CountryTrail Bridge Deck Replacement

Bridge Length

64 ft

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

Item		Estimated	Estimated	South Bridge
		South Quantity	Cost/Unit	Cost
Existing Railing Removal	LF	128	\$4.00	\$512.00
Existing Curb Removal	LF	128	\$4.00	\$512.00
Existing Wearing Surface Removal	SF	608	\$2.00	\$1,216.00
Existing Tie Removal	LF	64	\$10.00	\$640.00
Total Material Cost	LF	64	\$685.00	\$43,840.00
Deck Panel Installation	LF	64	\$70.00	\$4,480.00
Proposed Railing Installation	LF	128	\$20.00	\$2,560.00
Wear Course Installation	SF	768	\$3.00	\$2,304.00
Equipment Cost for Deck Installation	HR	40	\$75.00	\$3,000.00
Approach Work Excavation/Fill	CY	75	\$20.00	\$1,500.00
Approach Work Aggregate	CY	22	\$12.00	\$264.00
Seeding/Erosion/Finishing	SY	60	\$5.00	\$300.00
Mobilization	LS	1	\$5,000.00	\$5,000.00
Contingincies	LS	1	15%	\$9,919.20
			Totals	\$76,047.20

Engineering

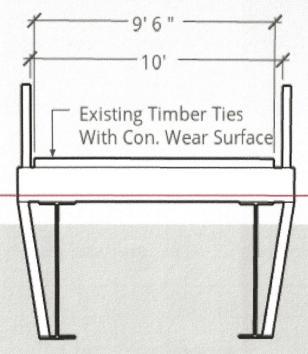
10%

\$7,604.72

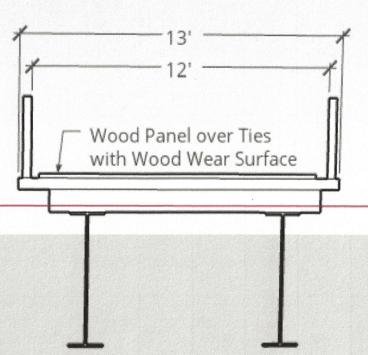
Total Project Cost

\$83,651.92

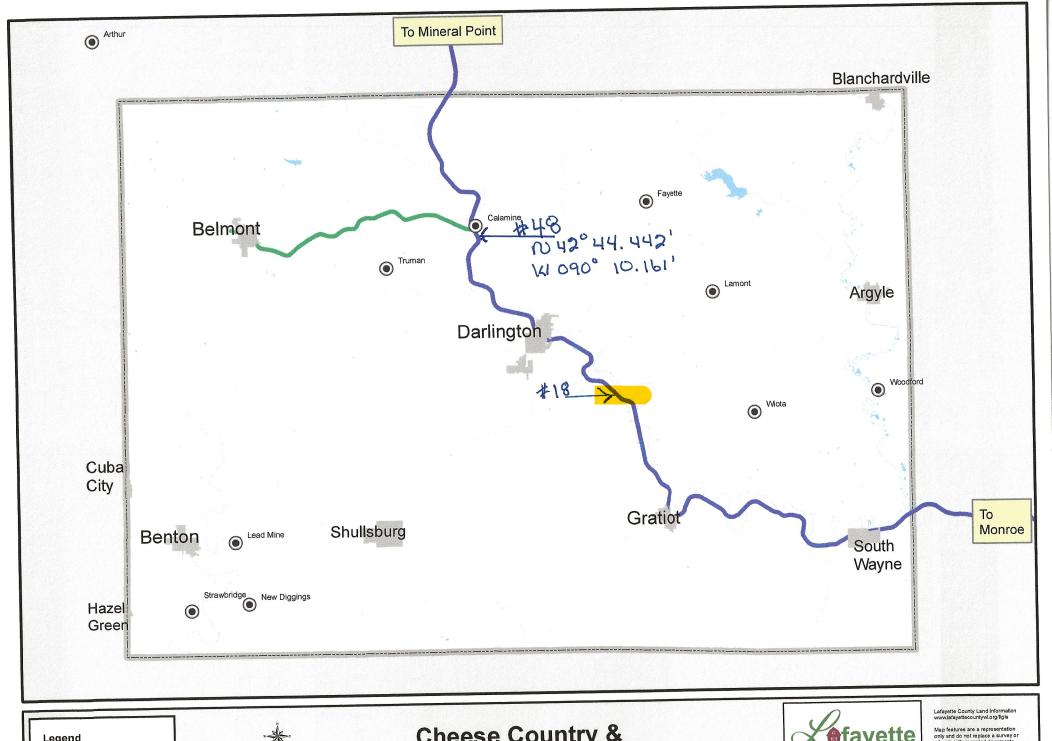
Cheese Country Trial Bridge



Existing Cross Section



Proposed Cross Section



Legend **Trails** Cheese Country Trail Pecatonica Trail



Cheese Country & Pecatonica Trails



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

