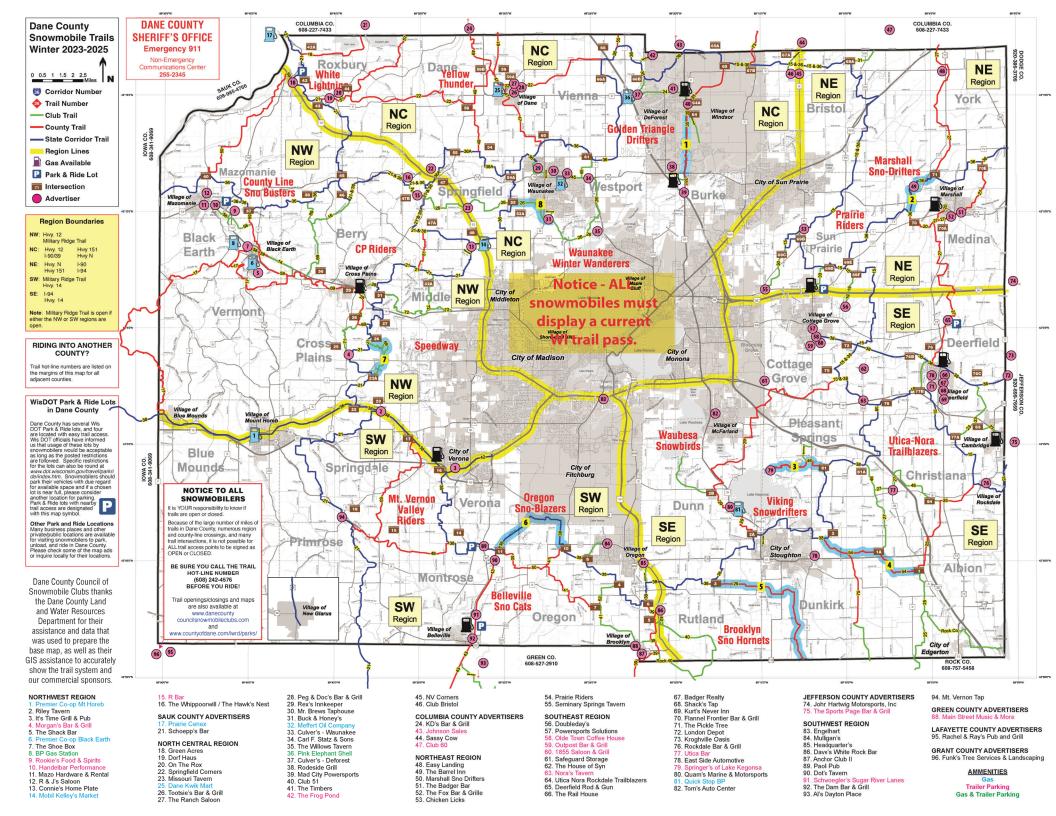
ar Data Print Save Note	: In orde Save a	r to fill and s copy of the	ave this for file, open A	m electronic dobe Reade	ally, it mu er, select	ist be opened usin File > Open and bi	g Adobe rowse fo	Reader	r or Acrobat softwa you saved.
State of Wisconsin				Motorize	d Rec	reation Gran	t App	olicati	on
Department of Natural Resources				For: (cho					700-159 (R 04/22)
<u>dnr.wi.gov</u>						V Trail Aid			Page 1 of 5
Due Date: April 15 #5 Da	ane Bad	ger Mill Ci	reek Brid	ore		bile Trail Aid			
Notice: Completion of this form is required in the financial assistance. Personally identifination Natural Resources (DNR) may provide	iable infor	mation found	on this for	m is not inter	nded to be	e used for any other	purpose	e. The D	Department of
Instructions: Applications may co	mbine mo	ore than one	e source of	funds. The	y may		DNR Us	e Only	
be submitted for consideration of tra Stewardship funding. Submit one of necessary attachments. Send appli	opy of all	forms and a	attachmen	ts. See Pag	e 2 for	Category			Number
Section 1: Applicant Informatio	n								
Applicant / Organization Name				Check Re	cipient: I	ndividual other tha	an autho	rized in	dividual to act
Dane County Parks				on behalf	of the ap	plicant. 🔲 S	elect if t	he sam	e as applicant.
Individual Authorized to Act on Beh	alf of App	olicant per R	esolution	Check Re	ecipient	Name (Name to A	Appear o	on Chec	:k)
Joleen Stinson				County of	of Dane				
Title				Title					
Interim Parks Director									
Address 5201 Fen Oak Dr, Room 208				Address	Address				
				5201 Fen Oak Dr, Room 208					
City		State ZIP	Code	City State ZIP Code					
Madison		WI	53718	Madison				WI	53718
Telephone Number		Email Addre	ess						·
(608) 422-0657		stinson.jol	een@cou	ntyofdane.	com				
Section 2: Project Information F		•	<u> </u>	v	15		8		
Project Title					Curren	t Funded Miles	New M	Ailes (if a	applicable)
Dane County Trail Maintenance	2				407.8		1.46		
County	Township	o Range	_ Section	on 1/4 1/4	1/4	GPS Coordinate	es:		
Dana	N					Lat.			
Dane	N) w			Long.			
Project Description Summary Dane County requests funding t further request the addition of 1 Finally, Dane County requests f	.46 fund unding t	ain 407.8 n ed miles to to install a	niles of ap cover a new bridg	critical trai	il segme g over th	ile trails within t	olumbi	ia with	Dane County
trail #38, which is on a recently									
trait #38, which is on a recently									

Estimated Cost								
Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost		
\$122,340.00				\$100,000.00		x \$222, 840x00		
		Lea	ve Blank – DNR	Use Only				
Applicant Certif	Applicant Certification							
Printed Name of /	Authorized Official		Off	cial's Title				
Joleen Stinson			Par	ks Director				
As the applicant's	authorized official,	I certify that, to the	best of my know	edge, the informatio	n in this application	is true and correct.		

λ	pleen	Sti	Mor	\sum
Si	gnature of Authorized	Official	-	

4/13/2023

Date Prepared





Dane County Land & Water Resources Department Parks Division

> Joleen Stinson, Parks Director Laura M. Hicklin, Director Joe Parisi, Dane County Executive

Dane County 2023 – 2024 Snowmobile Trail Aids Grant Request Priority Project List Ranking for Dane County

1. New Bridge over Badger Mill Creek on Dane County Park property

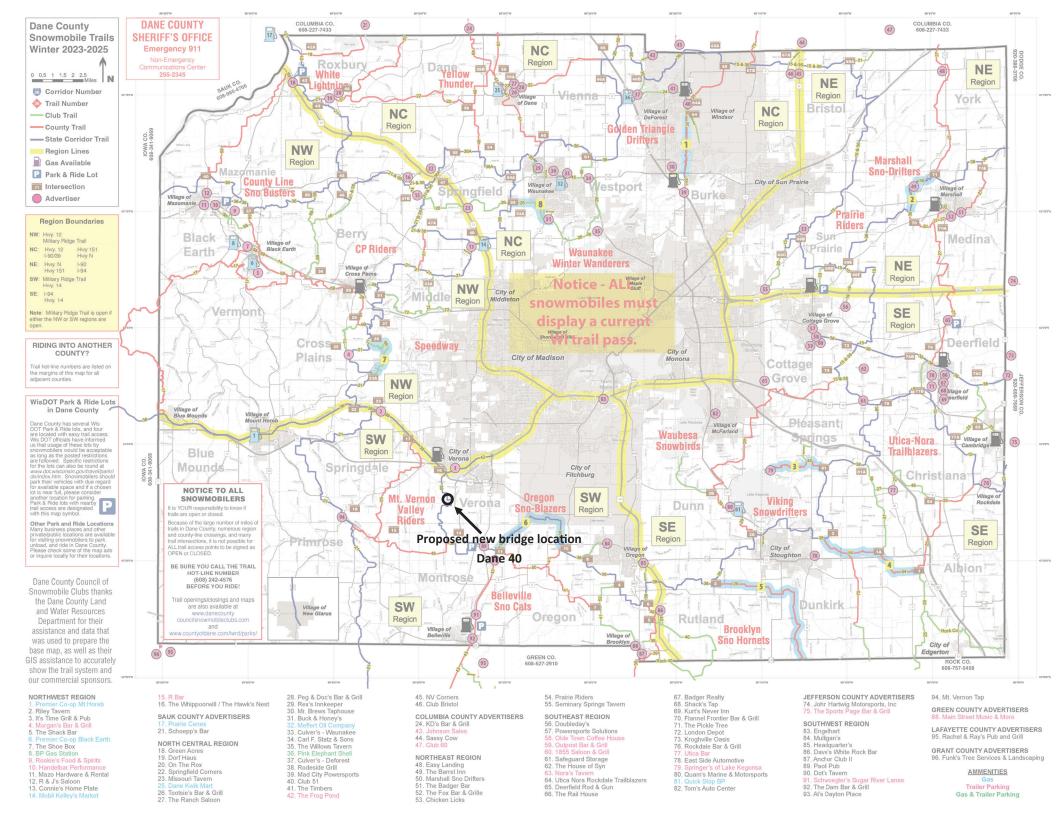
Dane County purchased this property in the fall of 2020. Dane County Land & Water Resources Department is planning a streambank restoration project and conversion of croplands to prairie to reduce the amount of runoff into the Badger Mill Creek and the Sugar River, providing groundwater protection and improved water quality. As part of the streambank restoration project, the culverts will be removed. New snowmobile bridge is needed to maintain this critical snowmobile trail crossing over of the Badger Mill Creek.

2. New Trail Miles Providing a Connection to Columbia County

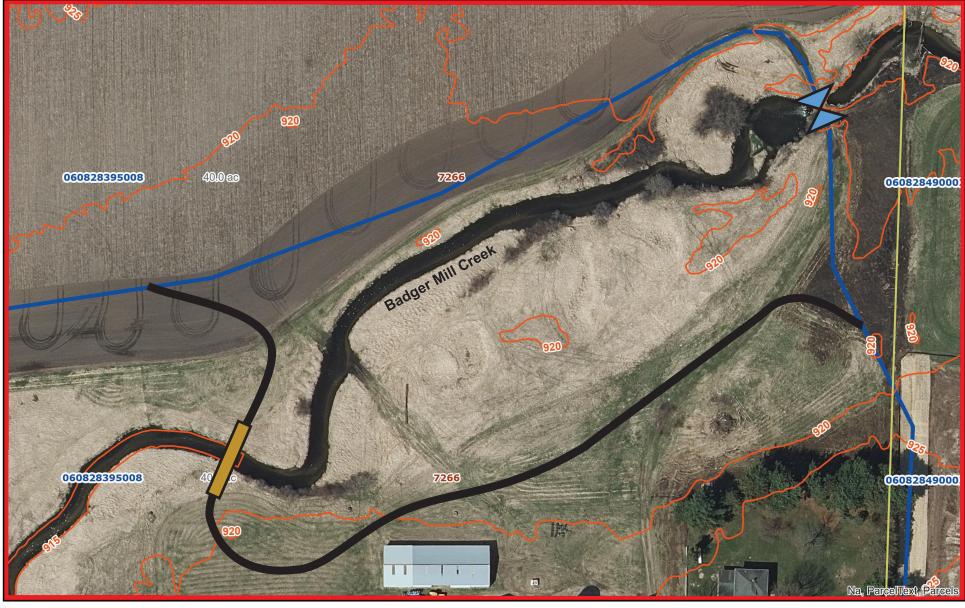
Trail 31 connects state corridor 11 in Columbia County with state corridors 15 and 36 in Dane County. This trail provides direct access between Dane and Columbia Counties.

Existing Culverts Crossing Badger Mill Creek, Dane County Inventory #40



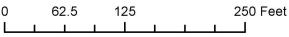


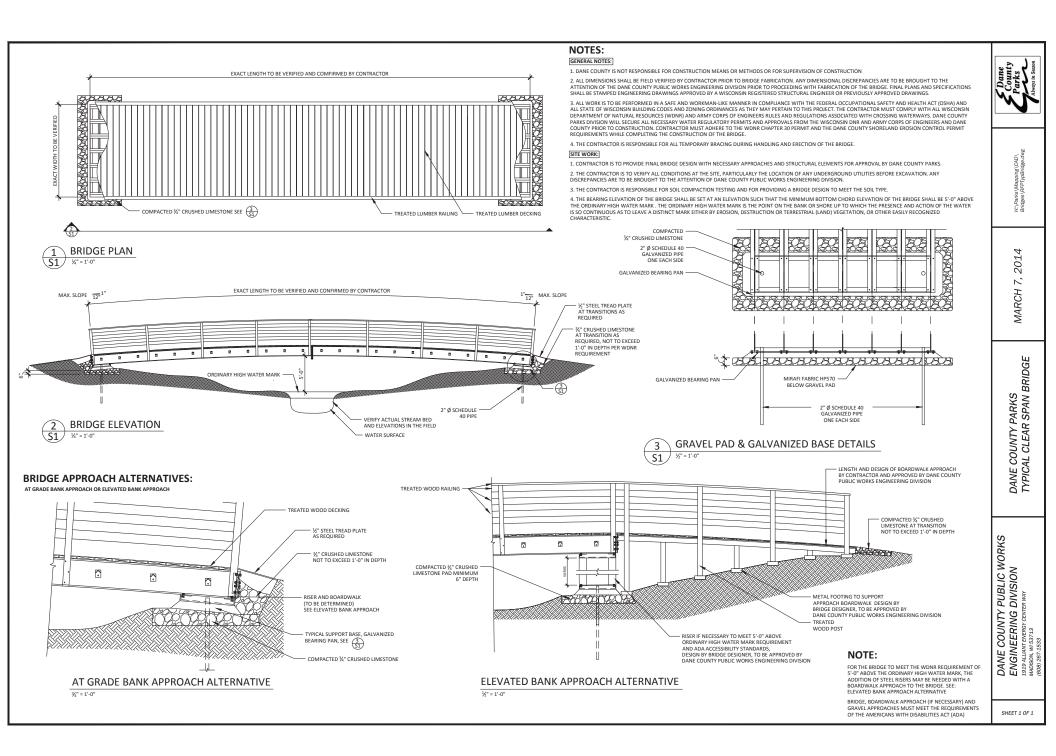
Dane County Snowmobile Trail New Bridge Application Map











Dane County Parks

Motorized Recreation Grant Application

Page 3 of 5

Form 8700-159 (R 04/22)

Appendix A – Required for Bridge Rehab/Replace, New, or Reroute with New Bridge X Reroute with new bridge Bridge Rehab/Replace New Bridge GPS Coordinates: County Section 1/4 1/4 1/4 Township Range ΘE 42.959782 Lat. 06 N 8 OW 28 SE SW Dane Long. -89.557323 Water Body Name Bridge Name County Inventory Number Badger Mill Creek Badger Mill Creek - DCP Culvert Dane 40 Funded Trail Name or Number (SNARS if applicable) Has this bridge site ever received development or rehabilitation funds in the past? O Yes • No Year: \$ 38 Old Bridge/Culvert Size $1 \text{ culvert} \sim 60'' \times 25'$ Bridge is located on: O Private property New Bridge/Culvert Size 70' x 12' Public property Length of Trail Use Agreement Landowner Where Bridge is Located **Telephone Number** (5 year minimum) Dane County (608) 422-0657 permanent public ownership Bridge Material Age of Bridge Current maximum load lbs. 25,000 Proposed maximum load lbs. n/a culverts Sponsoring Club Name Club Contact **Telephone Number** 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? Yes No What is the weight of your puller & drag/grading equipment? 12.000 lbs 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? O Yes No Have you contacted your local DNR Water Management Specialist (WMS) regarding a permit? Is a permit needed? (Please provide any written correspondence from WMS.) • Yes O No Have you contacted your County Zoning Dept. regarding a floodplain determination? • Yes • No • No Will an H & H (hydrologic and hydraulic) study be required? O Yes

Bridge Project Detailed Description

Dane County purchased this property, which is approximately 160 acres, in the fall of 2020. This property contains over 1,900 feet of two bank frontage along Badger Mill Creek and 1,775 feet on the Sugar River and the confluence of the two streams sits in the southern portion of the property. Both are classified as Tier I Streams in the Dane County Parks & Open Space Plan. Acquisition of this property protected these water resources. Dane County Land & Water Resources Department is planning a streambank restoration project and conversion of croplands to prairie to reduce the amount of runoff into the streams providing groundwater protection and improved water quality. Restoration will also enhance wetland functions, enabling more floodwater storage while also providing improved fish and wildlife habitat. As part of the streambank restoration project, the culverts will be removed.

A new snowmobile bridge is needed to maintain this critical snowmobile trail crossing over of the Badger Mill Creek. The new bridge creek crossing is proposed to be shifted slightly to the west on the same property. This location was selected because the creek is relatively stable and low energy, and because this is where the band of riparian wetlands is the narrowest.

This property is classified as a Natural Resource Area (NRA). Dane County NRAs are lands designated for the protection of a valuable natural environment, wildlife habitat, open space, and/or greenbelt corridor. Recreation at NRAs is a secondary objective, with limited to no developed facilities. Therefore, there are no formal trails planned for this property and the new bridge would be used primarily for snowmobiles.

Motorized Recreation Grant Application

Form 8700-159 (R 04/22)

Page 4 of 5

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure						
Quote 1 Quote 2						
	Steel O Wooden	Steel O Wooden				
Bridge Dimensions:	70 ' x 12'	80' x 12'				
Bridge Manufacturer: Anderson E	Bridges	Custom Manufacturing, Inc				
Design Weight Load	25,000 lbs.	1000 lbs.				
Cost of Structure: 1. Engineering	\$ 4,000	\$ <u>3,000</u>				
2. Structure	\$ <u>74,000</u>	\$ 87,900				
Subtotal	\$ <u>78,000</u>	\$ <u>90,900</u>				
	Quote 1	Quote 2				
\odot	Contractor or O Sponsor	Ocontractor or O Sponsor				
Installation Costs:	Estimate	Estimate				
1. Engineering	\$	\$				
2. Site Preparation	\$ 5,000	\$ <u>8,500</u>				
3. Abutments	\$ <u>10,000</u>	\$				
4. Pilings/Piers	\$	\$				
5. Approaches	\$	\$				
6. Riprap	\$ <u>2,000</u>	\$				
7. Labor	\$ 5,000	\$				
8. Equipment Rental	\$	\$ 2,000				
9. Culverts	\$	\$				
10. H & H Study	\$	\$				
11. Wetland Delineation	\$	\$				
12. Other delivery	\$	\$ 900				
Subtotal	\$22,000	\$ <u>11,400</u>				
Total Cost	\$ <u>100,000</u>	\$ <u>102,300</u>				

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

En	tire Deck and Railing Projects		🔿 Contracto	r 🔿 Sponsor	O Club
Bric	dge Dimensions:				
Des	sign Weight Load	<u> (i</u>	lbs.		
1.	Materials	\$_			
2.	Labor	\$_			
	Tota	I\$_			



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

PROPOSAL

April 11, 2023

To: Dane County Snowmobile Trail Administrator

Re: Badger Mill 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: Dane 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



Custom Manufacturing, Inc.

606 Delco Drive, P.O. Box 279 Clinton, WI 53525 608-676-2282 Fax: 608-676-2283 tina@custommfginc.com



Please Indicate The Above Number When Ordering

Date: April 8, 2023	Salesperson: Tina Forrest
Inquiry Date:	Inquiry Number

To: Dane County Parks Department 4318 Robertson Rd Madison, WI 53718

Estimated Ship Date 8-12 weeks	Shipped VIA Best way	F.O.B Clinton, WI	Terms Net 30	
1	2023 GRANT A R 40' Arched Bridg (80' total) - 12' Double Decked -	Description APPLICATION ESTIMA Rhiner Bridge ge w/ 2 – 20' Approaches Wide - 25,000# Load - 42'' Horizontal Railing - ets of Galvanized Riser F	\$ 87,900.00	Total
	Installation & Site Equipment Renta Delivery Charges Total	e Preparation l	8,500.00 2,000.00 900.00	\$ 102,300.00
	necessary permits Bridge kit include Crossmembers, w red oxide primer Pine treated lumb All lumber is Pre	es all Steel I-Beams and which are predrilled and h finish, MCA Southern Ye per and all hardware. Stained.	ave a	
	Bridge Kit Meets 25,000# Load	- WI DNR Guidelines –		

We are pleased to submit the above quotation for your consideration. Should you place an order, be assured it will receive our prompt attention. This quotation is valid for 30 days. Thereafter it is subject to change without notice.

BY: Tina Forrest

ACCEPTED: