#52 Douglas Paske Bridge

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

Due Date: April 15

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

- 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.

Section 1: Applicant Information

Applicant / Organization Name
Douglas County Forestry

Individual Authorized to Act on Behalf of Applicant per Resolution
Clint Meyer

Title
Park and Recreation Supervisor

Address
PO Box 211

City
Solon Springs

State
WI

ZIP Code
54873

Email Address
clint.meyer@douglascountywi.org

Section 2: Project Information Required for all Projects

Project Title
Douglas County Trail 41 Paske Bridge

Current Funded Miles
345.1/338.2

New Miles (if applicable)
0

Project Description Summary
Douglas County proposes to replace a old Bridge over the Moose River. The original Bridge utilizes piers from an old Dam and the current Bridge has been in place since the 1960's. The Piers are failing as shown in the pictures, the County would like to remove existing bridge and embankments and replace it with a longer bridge. This project could potentially use a bridge from the Pokegama River if that project is approved.

This Request is being split 50/50 between Snowmobile($46,925.50) and Winter ATV($46,925.50) For a total of ($93,851)

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

Estimated Cost

Maintenance Acquisition Insurance Development Bridge Rehab. Trail Rehab. Total Estimated Cost

$93,851.00

Leaves Blank – DNR Use Only

Applicant Certification

Printed Name of Authorized Official
Clint Meyer

Official's Title
Park and Recreation Supervisor

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
4-13-2022
## Appendix A – Required for Bridge Rehab/Replace, New, or Reroute with New Bridge

<table>
<thead>
<tr>
<th>Bridge Typical View</th>
<th>Bridge Rehab/Replace</th>
<th>New Bridge</th>
<th>Reroute with new bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Township</td>
<td>Range</td>
<td>Section</td>
</tr>
<tr>
<td>Douglas</td>
<td>45 N</td>
<td>13 W</td>
<td>24</td>
</tr>
</tbody>
</table>

### Water Body Name
- Moose River

### Funded Trail Name or Number (SNARS if applicable)
- Trail 41

### Bridge is located on
- Private property
- Public property

### Bridge Name
- Paske Bridge

### Old Bridge/Culvert Size
- 12’X30’

### New Bridge/Culvert Size
- 12’X40’

### Landowner Where Bridge is Located
- Telephone Number
- Length of Trail Use Agreement (5 year minimum)

### Current maximum load
- lbs.

### Proposed maximum load
- 25,000 lbs.

### Age of Bridge
- 80 years

### Bridge Material
- Wood

### Sponsoring Club Name
- Jack Pine Riders

### Club Contact
- Bryan Ziemann

### Telephone Number
- (218) 206-5002

### Do you have your trail bridges posted as to maximum load?
- Yes
- No

### What is the maximum load of the other bridges on the system if groomed with this bridge?
- 14,000 lbs

### What is the weight of your puller & drag/grading equipment?
- 25,000 lbs

### What other recreational trail uses are planned for this bridge?

### If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users?

### 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?
- Yes
- No

### Bridge Project Detailed Description

Douglas County proposes to replace an old Bridge over the Moose River. The original Bridge utilizes piers from an old Dam and the current Bridge has been in place since the 1960's. The Piers are failing as shown in the pictures, the County would like to remove existing bridge and embankments and replace it with a longer bridge. This Project would be able to utilize the Bridge from the Pokegama crossing if that request is approved saving the cost of a new bridge on this project.
### Appendix A (continued)

#### Summarize Costs in Appropriate Categories:

<table>
<thead>
<tr>
<th>Bridge Structure</th>
<th>Quote 1</th>
<th>Quote 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bridge Dimensions:</strong></td>
<td>12'x40'</td>
<td>12'x40'</td>
</tr>
<tr>
<td><strong>Bridge Manufacturer:</strong></td>
<td>Anderson Bridge</td>
<td>Northwoods Bridge inc.</td>
</tr>
<tr>
<td><strong>Design Weight Load</strong></td>
<td>25,000 lbs.</td>
<td></td>
</tr>
<tr>
<td><strong>Cost of Structure:</strong></td>
<td>$4,000</td>
<td>$50,851</td>
</tr>
<tr>
<td>1. Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Structure</td>
<td>$32,000</td>
<td>$50,851</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>$36,000</td>
<td></td>
</tr>
</tbody>
</table>

#### Installation Costs:

| 1. Engineering | $27,500 |
| 2. Site Preparation | $5,000 |
| 3. Abutments | $7,000 |
| 4. Pilings/Piers | $ |
| 5. Approaches | $ |
| 6. Riprap | $2,000 |
| 7. Labor | $5,000 |
| 8. Equipment Rental | $ |
| 9. Culverts | $ |
| 10. H & H Study | $12,500 |
| 11. Wetland Delineation | $3,000 |
| 12. Other | $ |
| **Subtotal** | $62,000 |
| **Total Cost** | $98,000 |

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

### Entire Deck and Railing Projects

<table>
<thead>
<tr>
<th>Bridge Dimensions:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design Weight Load</strong></td>
<td>lbs.</td>
</tr>
<tr>
<td>1. Materials</td>
<td>$</td>
</tr>
<tr>
<td>2. Labor</td>
<td>$</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$</td>
</tr>
</tbody>
</table>
March 7, 2022

I have enclosed the following documentation for the Paske Bridge 40’x12’:

Bridge will be built to a state approved engineered drawing

Bridge will be a free span truss style. Bridge will be set on Helical piles

The hardware that will be used in the project are:

- 3” x ½” galvanized carriage bolts
- ½” galvanized washers
- ½” galvanized nuts
- 2” x ½” galvanized bolts
- Grk 5/16” x 2 ¾” screws
- 3/4” x 8” galvanized lag screws

The first layer of treated 2x12x12 decking will be bolted down using 3” x ½” galvanized carriage bolts with ½” galvanized washers and ½” galvanized nuts 10 per board.

The second layer of 2x12x12 treated decking will be fastened with Grk 2 ¾” x 5/16” screws 10 per board.

The bridge will be constructed from core 10 structural steel and will be welded to D1.1 welding standards.

I require 60% down payment to start the project and to order materials. The last 40% to be paid when bridge is completed and installed within 30 days
The manufacture time will not start until down payment has been received.

My proposal for this project is

$ 50,850.33

Pat Hover, Owner
Northwoods Bridge Inc
715-205-1269
April 7, 2022

To: Douglas County Snowmobile Trail Administrator

Re: Snowmobile Bridge Budget

1 - 40' x 12' (clear width) 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
- Deck: #1 Southern Yellow Pine (.40 ACQ)
- Safety Rails: Horizontal (4" opening)
- Installation: Steel Piling
- Loads: 85 psf live load - 35 psf wind load - 25,000 lbs. vehicle load
- FOB: Douglas County, WI
- Engineered Drawings State Seal: Wisconsin

Price: $55,000

- Structure (Steel Truss) $32,000
- Engineering $4,000
- Soil Testing $0
- Site Prep $5,000
- Abutments $7,000
- Labor $5,000
- Rip Rap $2,000

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

Please call with any questions.

Thank you,

Kory S. Weathers
April 7, 2022

This is a quote to move Old Ericson Creek Bridge to new location and set in place new abutments.

Set 67’ bridge on Northwoods Bridge dollies, remove from Ericson Creek in the winter while ground is hard.

Transport 35 miles to new location and set in place on new concrete abutments.

New concrete abutments will have helical piles in them for stability of the bridge.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piles</td>
<td>$26,000.00</td>
</tr>
<tr>
<td>Concrete</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>Transport</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Equipment</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>Labor</td>
<td>$18,400.00</td>
</tr>
<tr>
<td>Crane</td>
<td>$10,000.00</td>
</tr>
</tbody>
</table>

Total: $89,400.00

Pat Hover, Owner
Northwoods Bridge Inc
715-205-1269
2022-2023 Douglas County Trail 41
Paske Bridge Request
T45N-R13W-S24

Legend
- Blue: Snowmobile Funded Trails
- Red: Winter ATV Funded Trails

Map Prepared By: Clint Meyer