# 51 Douglas Trail 3 Winter ATV Dev

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

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 | Douglas County Forestry  
| Individual Authorized to Act on Behalf of Applicant per Resolution | Check Recipient: Individual other than authorized individual to act on behalf of the applicant. ☒ Select if the same as applicant.  
| Clint Meyer | Clint Meyer  
| Title | Title  
| Park and Recreation Supervisor | Park and Recreation Supervisor  
| Address | Address  
| PO Box 211 | PO Box 211  
| City | Solon Springs  
| State | WI  
| ZIP Code | 54873  
| Telephone Number | (715) 378-2219  
| Email Address | clint.meyer@douglascountywi.org

Section 2: Project Information Required for all Projects

| Project Title | Douglas County Trail 3 Development  
| Current Funded Miles | 338.2  
| New Miles (if applicable) | 2.9  

Project Description Summary

Winter ATV/UTV New Trail and Bridge Request Request #1  
Douglas County Proposes to add 2.9 miles to our trail network. Douglas county would like to develop a safer crossing of Cranberry Lake Road and reconnect to the existing trail 3. This new section is 800 long and would require removing tree and stumps shaping the trail, gate installation and signing. This project would require a new bridge be constructed over Cranberry Creek.

The maintenance will include: Mowing, Grading, Brushing, Sign Replacement, Winter Grooming (Class AAA-2), Plowing of Parking Lots, and Litter Clean Up.
This Request is being split 50/50 between Snowmobile($88,507.5) and Winter ATV($88,507.5) For a Development total of ($177,015.00)

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

Estimated Cost

| Maintenance | $580.00  
| Acquisition |  
| Insurance |  
| Development | $10,015.00  
| Bridge Rehab. | $167,000.00  
| Trail Rehab. |  
| Total Estimated Cost | $177,585.00

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

<table>
<thead>
<tr>
<th>County</th>
<th>Township</th>
<th>Range</th>
<th>Section</th>
<th>gps coordinates:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas</td>
<td>43 N</td>
<td>12 W</td>
<td>19 NW</td>
<td>Lat.:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long.:</td>
</tr>
</tbody>
</table>

### Water Body Name
- cranberry creek

### Funded Trail Name or Number (SNARS if applicable)
- [ ] Private property
- [ ] Public property

### Bridge is located on:
- [ ] Old Bridge/Culvert
- [ ] New Bridge/Culvert

### Landowner Where Bridge is Located
- Brule River LLC

### Current maximum load
- [ ] 0 lbs.
- [ ] Proposed maximum load
- [ ] 0 lbs.

### Bridge Material
- [ ] Age of Bridge

### Telephone Number
- [ ] Club Contact

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

### What is the weight of your puller & drag/grading equipment?

### Conservation Easement
- [ ] 5 year minimum

### Snowmobile and Winter ATV

### Other Recreational Trail Uses

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

### Contact DNR Water Management Specialist (WMS)
- [ ] Yes
- [ ] No

### Permit Needed?
- [ ] Yes
- [ ] No

### Floodplain Determination
- [ ] Yes
- [ ] No

### Hydrologic and Hydraulic Study
- [ ] Yes
- [ ] No

### Bridge Project Detailed Description
This Trail segment has been utilizing a very old bridge that the county has no history on. With the Development of the new trail section, The county would also like to place a new bridge over Cranberry Creek. The location of the bridge is on private land that is part of a State of Wisconsin permanent Conservation Easement. The bridge would be a clear span steal truss bridge with a wood deck.
## Appendix A (continued)

### Summarize Costs in Appropriate Categories:

<table>
<thead>
<tr>
<th>Bridge Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quote 1</strong></td>
</tr>
<tr>
<td>Steel ☐ Wooden ◯</td>
</tr>
<tr>
<td>Bridge Dimensions: 80' X 12'</td>
</tr>
<tr>
<td>Bridge Manufacturer: Anderson</td>
</tr>
<tr>
<td>Design Weight Load: 25,000 lbs.</td>
</tr>
<tr>
<td>Cost of Structure:</td>
</tr>
<tr>
<td>1. Engineering $8,000</td>
</tr>
<tr>
<td>2. Structure $80,000</td>
</tr>
<tr>
<td>Subtotal $88,000</td>
</tr>
<tr>
<td><strong>Quote 2</strong></td>
</tr>
<tr>
<td>Steel ☐ Wooden ◯</td>
</tr>
<tr>
<td>Northwoods Bridge INC.</td>
</tr>
<tr>
<td>___________ lbs.</td>
</tr>
<tr>
<td>$ ___________</td>
</tr>
<tr>
<td>$ 344,968</td>
</tr>
<tr>
<td>$ 344,968</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Installation Costs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Engineering $27,500</td>
</tr>
<tr>
<td>2. Site Preparation $2,000</td>
</tr>
<tr>
<td>3. Abutments $20,000</td>
</tr>
<tr>
<td>4. Pilings/Piers $ ___________</td>
</tr>
<tr>
<td>5. Approaches $2,000</td>
</tr>
<tr>
<td>6. Riprap $2,000</td>
</tr>
<tr>
<td>7. Labor $10,000</td>
</tr>
<tr>
<td>8. Equipment Rental $ ___________</td>
</tr>
<tr>
<td>9. Culverts $ ___________</td>
</tr>
<tr>
<td>10. H &amp; H Study $12,500</td>
</tr>
<tr>
<td>11. Wetland Delineation $3,000</td>
</tr>
<tr>
<td>12. Other ___________</td>
</tr>
<tr>
<td>Subtotal $79,000</td>
</tr>
<tr>
<td>Total Cost $167,000</td>
</tr>
</tbody>
</table>

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

### Entire Deck and Railing Projects

<table>
<thead>
<tr>
<th>O Contractor O Sponsor O Club</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridge Dimensions: ___________</td>
</tr>
<tr>
<td>Design Weight Load ___________ lbs.</td>
</tr>
<tr>
<td>1. Materials $ ___________</td>
</tr>
<tr>
<td>2. Labor $ ___________</td>
</tr>
<tr>
<td>Total $ ___________</td>
</tr>
</tbody>
</table>
Appendix B – Required for Trail/Qualified Troute Rehab, Reroute, or Development

- Trail Rehab □ Qualified Troute □ New Trail □ Trail Reroute (Mandatory or Discretionary)

<table>
<thead>
<tr>
<th>County</th>
<th>Township</th>
<th>Range</th>
<th>Section</th>
<th>¾</th>
<th>¼</th>
<th>GPS Coordinates:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas</td>
<td>43 N</td>
<td>12</td>
<td>19</td>
<td>NW</td>
<td>NW</td>
<td>Lat. Long.</td>
</tr>
</tbody>
</table>

- Funded Trail Name or Number (SNARS if applicable)

- Has this trail ever received development or rehabilitation funds in the past? □ Yes □ No Year:

- Trail is located on:
  □ Private property □ Public property

- Length of Easement or Landowner Use Agreement
  DNR Conservation Easement years

- Expiration Date

- Landowner Where Trail is Located
  Brule River LLC.

- Telephone Number

- What other recreational trail uses are planned for this trail?
  Winter ATV

- If there are other recreational uses planned, how much of the trail development/rehab. cost will be paid for by other users?

- How many miles would be affected if this project is not funded? 5.4

- Will this result in closure of a trail? □ Yes □ No

- Is this a critical section to the overall trail system? □ Yes □ No

- Is there a reasonable alternative? Not at this time

- Does any section of this trail contain a bridge? □ Yes □ No

- Will this bridge require rehabilitation now or in the next few years? □ Yes □ No

- What is the weight of your puller & drag/grading equipment? 12,000 lbs.

- 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

- Will this project be located near or cross any intermittent or perennial waterway? Surface Water Data Viewer □ Yes □ No

- Will this project be located near or cross any wetland? □ Yes □ No

- Will this project involve land disturbance – including clearing and grubbing – of 1 acre or more of land? (Less than 4/10th mile for a typical trail) DNR Storm Water Contact List □ Yes □ No

Trail Project Detailed Description

The County is asking to construct a new section of trail 800' Long to cross perpendicular to Cranberry Lake Road and connect to the existing trail. This new section of trail would eliminate a 90 degree corner at the intersection that and make for a much safer crossing of Cranberry Lake Road. It would then be Necessary to install a new Bridge across Cranberry creek. After the Bridge Crossing the rest of the trail is already developed. The Existing Bridge Has been in place and has been utilized as a recreation trail for almost 30 Years. There is no history on the bridge and it needs to be replaced.
## Recreation Grant Project Cost Estimate Worksheet

**Form 8700-014**  (R 07/14)

*For use with Recreation Grant Application Forms*

<table>
<thead>
<tr>
<th>Project Name:</th>
<th>Prepared By:</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas County Trail 3</td>
<td>Clint Meyer</td>
<td>04/05/2022</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Project Applicant</th>
<th>Landowner Name</th>
<th>Public/Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas</td>
<td>Douglas County</td>
<td>Douglas County/Brule River LLC</td>
<td>Public</td>
</tr>
</tbody>
</table>

### DEVELOPMENT PROJECT ITEMS

*List by individual item or break down by Use Areas (See Item List On Back Of This Form)*

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit of Measure</th>
<th>Component Costs</th>
<th>Estimated Item Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering and permitting</td>
<td>1</td>
<td></td>
<td>$43,000.00</td>
<td>$43,000.00</td>
</tr>
<tr>
<td>Bridge</td>
<td>1</td>
<td></td>
<td>$124,000.00</td>
<td>$124,000.00</td>
</tr>
<tr>
<td>Trail Development remove trees and stumps</td>
<td>1</td>
<td>1</td>
<td>$6,615.00</td>
<td>$6,615.00</td>
</tr>
<tr>
<td>Driveway culvert at road crossing</td>
<td>1</td>
<td>1</td>
<td>$950.00</td>
<td>$950.00</td>
</tr>
<tr>
<td>Cleanup</td>
<td>1</td>
<td></td>
<td>$750.00</td>
<td>$750.00</td>
</tr>
<tr>
<td>New Gate</td>
<td>1</td>
<td>1</td>
<td>$1,500.00</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>Signs and posts</td>
<td>1</td>
<td>1</td>
<td>$200.00</td>
<td>$200.00</td>
</tr>
</tbody>
</table>

**TOTAL**: $177,015.00

*NOTE: For acquisition projects, complete the Acquisition Project Cost Estimate Section*
January 19, 2022

To: Douglas County Snowmobile Trail Coordinator

Re: Snowmobile Bridge Budget

1 - 80' 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 and/or Concrete Abutments
   • Loads: 85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load
   • FOB: Douglas County, WI
   • Engineered Drawings State Seal: Wisconsin

Price.................................................................................................................$124,000
   • Structure (Steel Truss) ..................................................$80,000
   • Approaches (Fill) ..............................................................$2,000
   • Engineering ..................................................................$8,000
   • Site Prep ....................................................................$2,000
   • Abutments .................................................................$20,000
   • Labor ..............................................................$10,000
   • Rip Rap ..............................................................$2,000

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

Please call with any questions.

Thank you,

Kory S. Weathers
March 28, 2022

I have enclosed the following documentation a quote for the Cranberry Creek Bridge 80’x12’ clear span bridge set on concrete abutments.

Bridge will be built to a state approved engineered drawing.

Bridge will be free span truss style. Bridge will be set on concrete abutments with helical piles in the concrete.

This price includes removing old bridge and piles and construction and setting of new bridge.

The hardware that will be used in the project are:

- 3” x ¾” galvanized carriage bolts
- ½” galvanized washers
- ½” galvanized nuts
- Grk 5/16” x 2 ¾” 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. Welding standards.

The bridge railings 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

$344,968.00

Pat Hover, Owner
Northwoods Bridge Inc
715-205-1269
TO stump and pile brush on land to be burned in the winter. To straighten trail out.

TO read out 1 culvert in by Cranberry Lake Road.

Level trail at least 14 feet wide and grade.

Get permit from Town of Wascott for trail entrance.

Put culvert in.

---

TRAIL Equipment: $615.00
Put culvert & Permit: $950.00
Burn Brush & Stumps & Bury: $750.00

Total: $8,315.00

---

Propose hereby to furnish material and labor – complete in accordance with above specifications, for the sum of:

$8,315.00

be made as follows:


Authorized:  
Signature:  

Note: This proposal may be withdrawn by us if not accepted within 180 days.
2022-2023 Douglas County Trail 3 Development
New Miles Request
T43N-R12W-S19

Legend
- New Trail Development
- Existing Trail
- Winter ATV Funded Trails
- Snowmobile Funded Trails

Map Prepared By: Clint Meyer

Distance:
0 2.25 4.5 9 Miles
2022-2023 Douglas County Trail 3 Development
New Miles Request
T43N-R12W-S19

Legend
- New Trail Development
- Creeks 2010
- Stream Order
- Lakes_2010
- Wetlands
- Existing Trail
- Winter ATV Funded Trails

Map Prepared By: Clint Meyer

0 0.0425 0.085 0.17 Miles