

S-45 Columbia New Bridge Cost Increase

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

Motorized Recreation Grant Application

For: (choose all that apply)

Form 8700-159 (R 02/2024)

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☐ ATV/UTV Trail Aid☒ Snowmobile Trail Aid

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 Columbia County LWCD/Rio Doylestown SledHeads			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 Kurt R. Calkins			Check Recipient Name (Name to Appear on Check) Columbia County LWCD		
Title Land Resources Director			Title		
Address 112 E. Edgewater Street			Address 112 E. Edgewater Street, Room 244		
City Portage	State WI	ZIP Code 53901	City Portage	State WI	ZIP Code 53901
Telephone Number 608-742-9670		Email Address kelly.maginnis@columbiacountywi.gov			

Section 2: Project Information Required for all Projects

Project Title Trail 35 Bridge - additional funding needed to install					Current Funded Miles 14.79	New Miles (if applicable)
County Columbia	Township 11 N	Range 11	Section 11	1/4 1/4 1/4	GPS Coordinates: Lat. 43.438169 Long. -89.150981	

Project Description Summary

The installation location originally planned for this bridge has to be relocated to an area outside of the wetland/floodplain. This new location would increase the span of the bridge from the original grant award which was 70' to 120'. This would be an additional cost for grant award #S-5842 to complete this much needed bridge.

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

Estimated Cost

Maintenance 95000.00	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official KURT R. CALKINS	Official's Title Land Resources Director
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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.

Signature of Authorized Official

Date Prepared
4/15/2025

Grant #S-5842 - Trail 35 Snowmobile Bridge Grant Amendment Summary

BACKGROUND

In 2022, the SnoHoppers snowmobile club (now Rio Doylestown SledHeads), submitted a request to the Columbia County LWCD for a snowmobile bridge grant application to place a snowmobile bridge over an unnamed tributary of the Crawfish River. The LWCD applied for the grant in 2022, and it was awarded to us in February of 2023. The \$165,000.00 grant was awarded to us based on estimates we received to install a 70'L x 12'W bridge, with an advanced payment for the bridge received in July, 2023. The grant was extended this year from ending June, 2024 to June, 2025 due to the new information on the floodplain area taking more time.

At the time of this application, the LWCD wasn't providing technical assistance to the clubs regarding the placement of their bridge requests. Recently, the department noticed on previous bridge grant awards that some of the bridges to be installed were running into issues during the permitting process. The LWCD department then decided that we should assist these clubs with the placement of their bridges prior to applying for them. The reason the club first applied for a bridge application was this trail goes through a very marshy area, which during the winter can make crossing through on ice impassable if the ice is not froze and they had to travel on the adjacent road with a deep ditch/embankment on the side and it was dangerous to continue doing that (see pics).

While reviewing the bridge location for the Trail 35 grant through interactive map and on-site visits, we noticed that there would be several permitting issues with the location of this bridge. The first issue we noticed was that the bridge and trail leading to the bridge would travel through a wetland with the current bridge installation estimates. The location of the trail going through the wetland would degrade the wetland and possibly impact the approval of the permit. The proposed bridge and the footings installed, could also affect the permitting of the structure due to excavating and possibly filling of the wetland during installation. Wetland soils are also not the ideal soil types to be placing structures on. The second issue we noticed was that this bridge would be placed in a floodplain area (see attached map with floodplain layer). This would require the structure to get an H and H study to determine the impacts of the bridge to the floodplain. The cost of the study and any remediation of placing the bridge in the floodplain, would also create many unknowns in the final bridge cost. There would also be the possibility of damage to the bridge during flooding events. We corresponded with Village of Doylestown, Jeff Schure, Kurt Byfield, and Will Disser regarding solutions.

Due to the permitting and cost unknowns of placing the bridge at this location, the department recommended that a new site for the bridge be explored. The department then recommended that they place the bridge to the east of original location to move it out of the wetlands and floodplain (see enclosed location maps). This new location would then increase the size of the bridge from the original proposed size of 70' to 120'.

COST ADJUSTMENT REQUEST

The department then proceeded to get estimates for the new proposed 120' bridge. We received two estimates- one at \$260,000.00 and the other at \$292,300.00 (See enclosed estimates). This new cost of a longer bridge would increase the cost of the project by \$95,000.00 or \$127,300. These are only estimates for cost amendment purposes, once a decision is made at the snowmobile council meeting, "If approved", we would continue with following the county bidding process for this project, opening it up to all contractors.

If any other information is needed or there are questions/concerns please feel free to contact the Columbia County LWCD at (608)742-9670, Tim O'Leary or Kelly Maginnis are handling this project.

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

☐ Bridge Rehab/Replace ☒ New Bridge ☐ Reroute with new bridge

County Columbia	Township 11 N	Range 11	Section E W	1/4 1/4 1/4	GPS Coordinates: Lat. 43.438169 Long. -89.150981
Water Body Name wetland			Bridge Name Trail 35 bridge		County Inventory Number
Funded Trail Name or Number (SNARS if applicable) County Trail 35			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 N/A New Bridge/Culvert Size 120'Lx12'Wx12.5'H		
Landowner Where Bridge is Located Sally Jo Bahr Epps			Telephone Number 920-210-5020		Length of Trail Use Agreement (5 year minimum) 5+ years
Current maximum load _____ lbs.		Age of Bridge	Bridge Material		
Proposed maximum load 25,000 lbs.					
Sponsoring Club Name Rio Doylestown SledHeads			Club Contact Adam Hohlstein		Telephone Number 920-382-7003
Do you have your trail bridges posted as to maximum load? <input type="radio"/> Yes <input 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? 11,900 lbs					
What other recreational trail uses are planned for this bridge? snowmobile					
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? None					
<input type="radio"/> Yes <input checked="" type="radio"/> No Have you contacted your local DNR Water Management Specialist (WMS) regarding a permit? <input checked="" type="radio"/> Yes <input type="radio"/> No Is a permit needed? (Please provide any written correspondence from WMS.) <input checked="" type="radio"/> Yes <input 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 installation location originally planned for this bridge has to be relocated to an area outside of the wetland/floodplain. This new location would increase the span of the bridge from the original grant award which was 70' to 120'. This would be an additional cost for grant award #S-5842 to complete this much needed bridge. (While reviewing the bridge location for the Trail 35 grant through interactive map and on-site visits, we noticed that there would be several permitting issues with the location of this bridge. The first issue we noticed was that the bridge and trail leading to the bridge would travel through a wetland with the current bridge installation estimates. The location of the trail going through the wetland would degrade the wetland and possibly impact the approval of the permit. The proposed bridge and the footings installed, could also affect the permitting of the structure due to excavating and possibly filling of the wetland during installation. Wetland soils are also not the ideal soil types to be placing structures on. The second issue we noticed was that this bridge would be placed in a floodplain area (see attached map with floodplain layer). This would require the structure to get an H&H study to determine the impacts of the bridge to the floodplain. The cost of the study and any remediation of placing the bridge in the floodplain, would also create many unknowns in the final bridge cost. There would also be the possibility of damage to the bridge during flooding events. We corresponded with Village of Doylestown, Jeff Schure, Kurt Byfield, and Will Disser regarding solutions.) We got 2 estimates, one with a \$95,000 increase and the other an increase of \$127,300, to install and complete this project properly.

Appendix A (continued)**Summarize Costs in Appropriate Categories:**

		Bridge Structure	
		Quote 1	Quote 2
		<input type="radio"/> Steel <input checked="" type="radio"/> Wooden	<input type="radio"/> Steel <input checked="" type="radio"/> Wooden
Bridge Dimensions:		120'x12'	120'x12'
Bridge Manufacturer:		Anderson Bridges	Wheeler Lumber, LLC
Design Weight Load		25,000 lbs.	25,000 lbs.
Cost of Structure:	1. Engineering	\$	\$
	2. Structure	\$ 160,000	\$ 150,000
	Subtotal	\$	\$

		Quote 1	Quote 2
		<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate	<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate
Installation Costs:			
1. Engineering		\$ 20,000	\$ 10,000
2. Site Preparation		\$ 10,000	\$ 60,000
3. Abutments		\$ 40,000	\$ 65,000
4. Pillings/Piers		\$	\$
5. Approaches		\$	\$
6. Riprap		\$ 10,000	\$
7. Labor		\$ 20,000	\$
8. Equipment Rental		\$	\$
9. Culverts		\$	\$
10. H & H Study		\$	\$
11. Wetland Delineation		\$	\$
12. Other <u>GeoTech Investigation</u>		\$	\$ 10,000
	Subtotal	\$	\$
	Total Cost	\$ 260,000. ⁰⁰	\$ 295,000. ⁰⁰

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

Entire Deck and Railing Projects		<input checked="" type="radio"/> Contractor <input type="radio"/> Sponsor <input type="radio"/> Club
Bridge Dimensions:	120'x12'	
Design Weight Load	25,000 lbs.	
1. Materials	\$ 240,000	
2. Labor	\$ 20,000	
Total	\$ 260,000. ⁰⁰	

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Appendix B – Required for Trail/Qualified Trout Rehab, Reroute, or Development

☐ Trail Rehab ☐ Qualified Trout ☐ New Trail ☐ Trail Reroute (Mandatory or Discretionary)

County Columbia	Township N	Range E	Section 1/4 1/4	1/4	GPS Coordinates: Lat. Long.
Funded Trail Name or Number (SNARS if applicable)			Has this trail ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input checked="" type="radio"/> No Year: \$		
Trail is located on: <input checked="" type="radio"/> Private property <input type="radio"/> Public property		Length of Easement or Landowner Use Agreement years		Expiration Date	
Landowner Where Trail is Located				Telephone Number	

What other recreational trail uses are planned for this trail?

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?	Will this result in closure of a trail? <input type="radio"/> Yes <input checked="" type="radio"/> No
Is this a critical section to the overall trail system? <input type="radio"/> Yes <input checked="" type="radio"/> No	Is there a reasonable alternative? No
Does any section of this trail contain a bridge? <input type="radio"/> Yes <input checked="" type="radio"/> No	Will this bridge require rehabilitation now or in the next few years? <input type="radio"/> Yes <input checked="" type="radio"/> No
What is the weight of your puller & drag/grading equipment? lbs.	

☐ Yes ☒ No 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

Trail Project Detailed Description

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

PROPOSAL

July 3, 2024

To: Columbia County Snowmobile Trail Administrator

Re: Snowmobile Bridge Budget

- 1 - **120' 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/A847 (Unpainted self-weathering)**
 - Deck: **#1 Southern Yellow Pine (.40 MCA)**
 - 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: **Columbia County, WI**
 - Engineered Drawings State Seal: **Wisconsin**

Price-----\$260,000

• Structure (Steel Truss)	\$160,000
• Engineering	\$20,000
• Soil Testing	\$0
• Site Prep	\$10,000
• Abutments	\$40,000
• Labor	\$20,000
• Rip Rap	\$10,000

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

Please call with any questions.

Thank you,

Kory S. Weathers

Project: Revised: Doylestown Snowmobile Bridge
Columbia Co., WI



Letting | Date:
Time:
Place:

Wheeler Lumber LLC
9531 W 78th Street, Ste. 100 | Minneapolis, MN 55344
Jake Silkey | Sales Engineer
jsilkey@wheeler1892.com | 262.229.4068

Timber Panel Lam Snowmobile Bridge:

30'/30'/30'/30' (120' total span) x 12' wide, H12.5 loading (25,000 lbs vehicle)

Wheeler Materials: \$150,000

Engineering: \$10,000

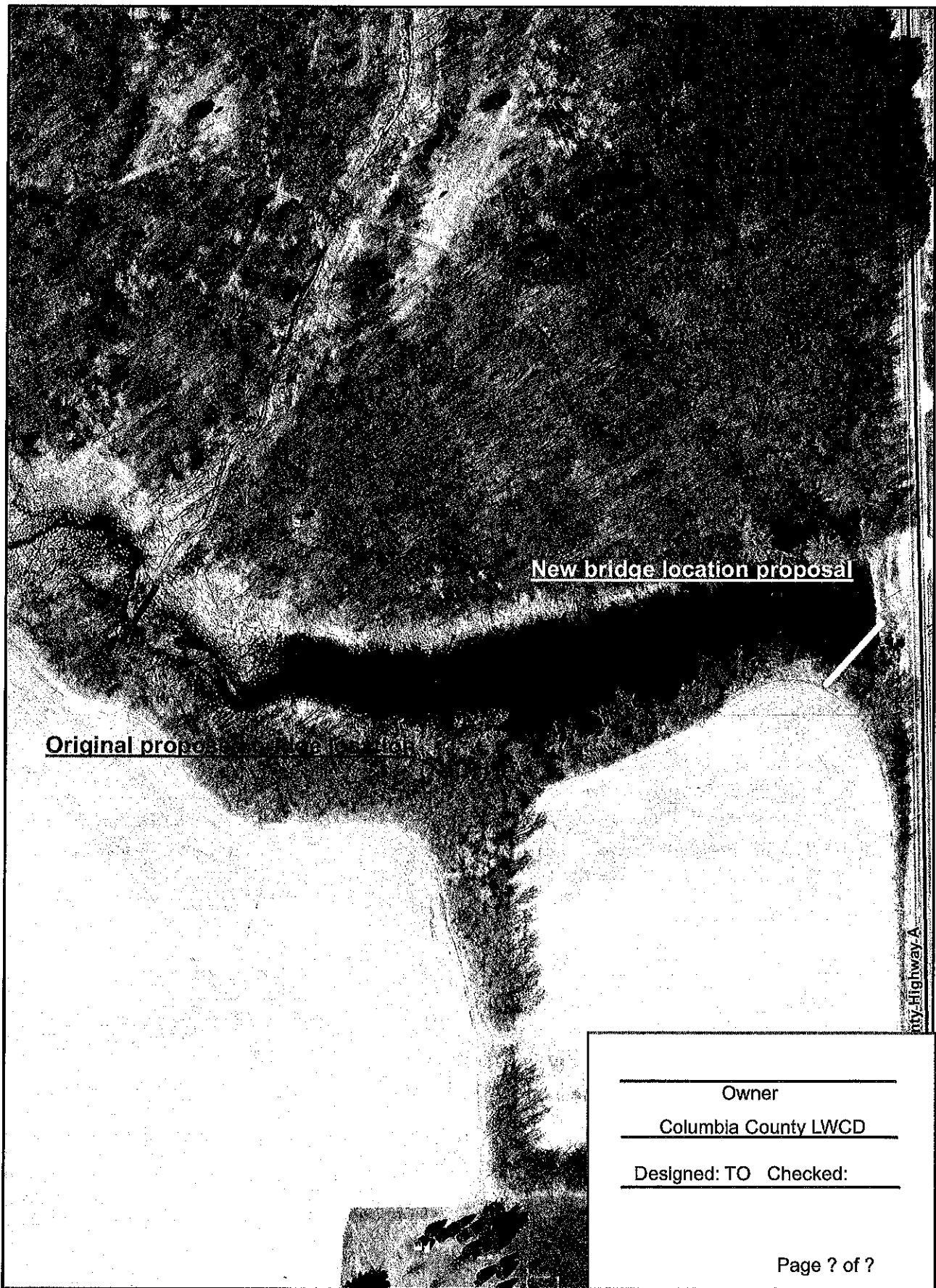
Geotechnical Investigation: \$10,000

Abutments and Piers (Helical or Timber Piling **by others**): \$65,000

Construction Costs (bridge install, mobilization, restoration **by others**): \$60,000

Total Estimated Cost: \$295,000

Trail 35 bridge location map



Original proposed bridge location

New bridge location proposal

County Highway A

Owner
Columbia County LWCD

Designed: TO Checked: _____

Trail 35 bridge location map



Original proposed bridge location

New bridge location proposal

County Highway A

Owner

Columbia County LWCD

Designed: TO Checked:

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Business Listings

- 2 Johnson Sales Inc.
- 3 Arlington Inn
- 4 Bell Ford
- 5 Dean's Dock
- 6 Carl F. Statz
- 7 Arlington BP
- 8 Owl's Nest
- 9 Lockwood's Longshot
- 10 Subway Paynette
- 11 The Frog Pond
- 12 Hooker's Resort
- 13 Mad-City Power Sports
- 14 The Timber's
- 15 Lodi Valley Suites
- 16 Peg & Doc's
- 17 KD's Bar & Grill
- 18 Tootsie's Bar & Grill
- 19 Bar Buddies
- 20 Harmony Grove BP
- 21 Ness Auto Sales
- 22 Bushnell Ford
- 23 Lakeside Bar & Grill
- 24 Fitz's
- 25 Lucky's on the Lake
- 26 Fish Tales Food & Spirits
- 27 Sunset Harbor Bar & Grill
- 28 Mickey D's
- 29 Lodi Kwik Mart
- 30 Waddle Inn
- 31 Log Tavern
- 32 Remi's Thirsty Moose
- 33 Blystone Towing
- 34 Polinow Automotive
- 35 Deb's Northstar Tavern
- 36 Fort BP
- 37 Lake Mason Lodge
- 38 Napa Auto and Lock
- 39 All Stop Travel Plaza
- 40 I39 Supply
- 41 Davis Construction
- 42 Suds & Buds
- 43 Morse Powersports
- 44 Club 23
- 45 Diesel Forward
- 46 Harold LaJeune Mem. Park
- 47 Northside Auto Repair
- 48 Portage Ford
- 49 Red Apple Restaurant
- 50 Big O's Trailers
- 51 Trans Works Transmissions
- 52 Kwik Trip Portage
- 53 Winnebago Ride Runners
- 54 Weaver Auto Parts
- 55 Caddy Shack
- 56 Corp Protection Group
- 57 Wayside Auto Repair
- 58 Otter's Inn Bar & Grill
- 59 MJOz Saloon
- 60 H&M Electrical Contracting
- 61 Farmers & Merchants Bank
- 62 JCF Trucking
- 63 Silver Springs Campsites
- 64 Fast Lanes
- 65 Pardeeville Watersports/Liquor
- 66 Hilltop Bar
- 67 The Dump
- 68 Cambria Oil
- 69 Columbus Family Restaurant
- 70 C.J's Bar & Grill
- 71 Columbus West Travel Center
- 72 Piggly Wiggly - Randolph
- 73 Kelly's Bar
- 74 Fall River Mobil Mart
- 75 The Old Rock
- 76 Harold & Lori's Club 60
- 77 Northpoint Plaza
- 78 Otsego Yacht Club
- 79 Cercis Brewing Co.
- 80 O'Reilly Auto Parts
- 81 MP's Town Tap Bar & Grill
- 82 Culver's - Portage/Columbus
- 83 The Cardinal Cane
- 84 Wood's Liquor Landing
- 85 Wise Guy's
- 86 Quamme Insurance

Join a Snowmobile Club!
Association of Wisconsin
Snowmobile Clubs



Purpose: Use on trail prior to road crossing.

The Columbia County Association of Snowmobile clubs and private landowners assume no liability for snowmobile operators' use of these trails. Please respect Private and No Trespassing signs. Do not operate snowmobiles on highways. Obey all state laws and local ordinances. These trails are for snowmobiling only. No 2, 3 or 4-wheeled vehicles allowed on County Trails. Our trails never fail with happy landowners so **stay on marked trails!**

County Trails



**The Future of Wisconsin
Snowmobiling Depends on YOU!**

Safe Snowmobiling is **YOUR**
Responsibility

Slow Down! Excessive speed is dangerous to both you and other snowmobilers. Every trail ride is not a cross-country race.

Ride Sober! Alcohol or drugs affect your riding ability. Save the party for after the ride.

Stay on Trails! The trails are established for safe riding. Many trails are on private property and will be closed if there are problems.

**All trails are subject to change pending landowner permission.
Safety course required if born after 1/1/1985.**

Effective July 1, 2015, all snowmobiles operating on a Wisconsin snowmobile trail or corridor must display a valid snowmobile trail pass **whether registered in Wisconsin or another state** in addition to having the snowmobile registered. Trail passes expire on the following June 30th. For snowmobiles registered in Wisconsin **and** owned by a person who is both a member of a snowmobile club **and** a member of AVSC, passes may be ordered through the AVSC website (www.avsc.org) or the DeForest office at a cost of \$10 each. Trail passes are delivered by US Mail. For snowmobiles registered in Wisconsin, passes are available online at dnr.wi.gov or at any DNR license sales agent at a cost of \$30 each. For snowmobiles registered in or in the process of being registered in another state, province or country, non-resident trail passes are available online at dnr.wi.gov or at any DNR select agent at a cost of \$50 each. All Wisconsin snowmobile trail passes will be shipped by US Mail. A temporary operating receipt is issued when orders are placed at dnr.wi.gov and at DNR license sales locations to operate legally on snowmobile trails. Carry the receipt with you until your pass is delivered by the US Mail and affixed to your snowmobile's windshield.

Although nearly all of the trail intersections in Columbia County are well marked, snowmobilers who are familiar with or may be using GPS (Global Positioning System) units will note that new trail maps show latitude and longitude coordinates along the margins that may be helpful in pinpointing your location.

SUPPORT THESE COLUMBIA COUNTY SNOWMOBILE CLUBS

**YELLOW THUNDER
SNOWMOBILE ASSOC.**
lowthundersnowmobile.clubhosting.
Lodi/Lake WI Area

**ARLINGTON PRAIRIE
DRIFTERS**
prairiedrifters.com
Arlington/Poynette Area

**NEW HAVEN
SNO-STREAKERS**
Wisconsin Dells Area

ROCKY RUN RIDERS
orgsites.com/wi/rockyrunriders
Pardeeville/Wyocena Area

 **WINNEBAGO
RIDGE RUNNERS**
winnebagoridgerunners.com
 **Portage Area**

**CAMPER COUNTRY
SNOWRIDERS**
Rio Area

 **THE MOONLIGHTERS, INC.**
Cambria Area

**COLUMBUS/FALL RIVER
SNOW-BLAZERS**
CFRSC.com 
Columbus/Fall River Area

SNO-HOPPERS CLUB
Doylestown Area

RANDOLPH TRAIL BUSTERS