

S-58 Iron Co 182 West Rd Relocation

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)

Due Date: April 15

- 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](#).

DNR Use Only	
Category	Number

Section 1: Applicant Information

Applicant / Organization Name Iron County Forestry Department			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 Eric Peterson			Check Recipient Name (Name to Appear on Check)		
Title Forest Administrator			Title		
Address 607 3rd Ave N Suite 2			Address		
City Hurley	State WI	ZIP Code 54534	City	State	ZIP Code
Telephone Number (715)561-2697		Email Address icfadmin@ironcountyforest.org			

Section 2: Project Information Required for all Projects

Project Title Trail 182 West Road Trail Relocation					Current Funded Miles	New Miles (if applicable)
County Iron	Township 41 N	Range 3	Section 30	1/4 1/4 SW	1/4 SW	GPS Coordinates: Lat. 45.997973 Long. -90.173120

Project Description Summary

See attached

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
			32,331.40			
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official Eric J Peterson	Official's Title Forest Administrator
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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

3/25/2026
 Date Prepared



IRON COUNTY FORESTRY DEPARTMENT

607-3RD AVENUE NORTH - SUITE 2 • HURLEY, WISCONSIN 54534
PHONE: (715) 561-2697 • FAX: (715) 561-4801

“Trail 182 West Road” Project

Narrative

The Trail 182 West Road Project is a discretionary relocation of Trail 182 within the Town of Sherman in Iron County. This project will relocate 0.35 miles of snowmobile trail from ash swamplands on State of Wisconsin – Turtle Flambeau Flowage property to higher ground within the WisDOT Hwy 182 Right-Of-Way and DNR lands.

This 0.35-mile segment has been an annual issue with getting Trail 182 open and allowing for connection to Price County due to high groundwater tables and continual movement of groundwater within the swampland. The Mercer Sno-Goers snowmobile club tried cribbing and corduroying the worst waterholes throughout this segment and even obtained a wetland fill permit from the WDNR to try and remedy the situation. These efforts proved unsuccessful as once one waterhole was repaired others continually opened. In discussions with DNR staff, the relocation of this trail will ultimately protect sensitive wetlands and regardless, additional wetland fill may not be permitted, leaving the trail unusable for much of the winter season.

This project proposes to relocate Trail 182 at its departure from West Road to the ROW of Highway 182. This ROW would need only limited brush mowing and 2 small culverts before the new trail would leave the WisDOT parcel and return to DNR Turtle Flambeau Flowage property. As the relocated trail enters DNR property there is a small stream that will need to be bridged. This crossing will require a 12'X30' steel substructure, wood decked bridge with 8-foot ramps on approaches. The bridge will meet required design standards for a snowmobile bridge (25,000# max) and necessary requirements to receive a DNR General Permit for a free span bridge. After crossing the bridge approximately 300' of new trail would need to be constructed to rejoin the existing Trail 182. The entire project would be located on high ground allowing for grooming and public use with minimal snow.

Onsite meetings with WDNR staff have occurred and no objections have been raised to the project. The Turtle Flambeau Flowage is currently under Master Plan revisions and this project will be incorporated into the new Master Plan to allow for the relocation project. The new bridge structure will need final approval from DNR Engineers before construction can occur.

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

	Quote 1	Quote 2
	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden	<input checked="" type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:	<u>12'x30'</u>	<u>12'x30'</u>
Bridge Manufacturer:	<u>Force Account</u>	<u>Wheeler Lumber</u>
Design Weight Load	<u>25,000</u> lbs.	<u>25,000</u> lbs.
Cost of Structure:	1. Engineering \$ _____	_____
	2. Structure \$ <u>18,179.10</u>	\$ <u>48,000</u>
	Subtotal \$ <u>18,179.10</u>	\$ <u>48,000.00</u>

	Quote 1	Quote 2
	<input type="radio"/> Contractor or <input checked="" type="radio"/> Sponsor Estimate	<input type="radio"/> Contractor or <input checked="" type="radio"/> Sponsor Estimate
Installation Costs:		
1. Engineering	\$ _____	\$ _____
2. Site Preparation	\$ <u>480.00</u>	\$ <u>480.00</u>
3. Abutments	\$ _____	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ _____
7. Labor	\$ <u>7,434.00</u>	\$ <u>3,500.00</u>
8. Equipment Rental	\$ <u>4100.50</u>	\$ <u>2,000.00</u>
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other _____	\$ _____	\$ _____
	Subtotal \$ <u>12,014.50</u>	\$ <u>5,980.00</u>
	Total Cost \$ <u>30,193.60</u>	\$ <u>53,980.00</u>

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

Entire Deck and Railing Projects Contractor Sponsor Club

Bridge Dimensions:	_____
Design Weight Load	_____ lbs.
1. Materials	\$ _____
2. Labor	\$ _____
Total	\$ _____

Motorized Recreation Grant Application

Form 8700-159 (R 02/2024)

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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 Iron	Township 41 N	Range 3	<input checked="" type="radio"/> E <input type="radio"/> W	Section 30	1/4 1/4 SW	1/4 SW	GPS Coordinates: Lat. 45.997973 Long. -90.173120
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Funded Trail Name or Number (SNARS if applicable) 182	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 type="radio"/> Private property <input checked="" type="radio"/> Public property	Length of Easement or Landowner Use Agreement _____ years	Expiration Date _____
---	--	--------------------------

Landowner Where Trail is Located WisDOT/WDNR	Telephone Number _____
---	---------------------------

What other recreational trail uses are planned for this trail?
None

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? 20+ Access to Price & Ashland County	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 checked="" type="radio"/> Yes <input type="radio"/> No	Is there a reasonable alternative? _____
--	---

Does any section of this trail contain a bridge? <input checked="" type="radio"/> Yes <input type="radio"/> No	Will this bridge require rehabilitation now or in the next few years? <input type="radio"/> Yes <input type="radio"/> No	What is the weight of your puller & drag/grading equipment? 20,000 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

See attached

Recreation Grant Project Cost Estimate Worksheet

Form 8700-014 (R 07/14)

Page 1 of 3

For use with Recreation Grant Application Forms

Project Name: Trail 182 West Road Trail Relocation		Prepared By: Tara Krall	Date 04/02/2024
County Iron	Project Applicant: Iron County Forestry Department	Landowner Name WDNR/WisDot	<input checked="" type="radio"/> Public <input type="radio"/> Private

Indicate - (C) Contract, (F) Force Acct., (D) Donated

DEVELOPMENT PROJECT ITEMS List by individual item or break down by Use Areas (See Item List On Back Of This Form)					
	Quantity	Unit of Measure	Component Costs	Estimated Total Item Cost	
(F)	10	ea	\$432.00	\$4,320.00	
(F)	58	ea	\$107.64	\$6,243.12	
(F)	6	ea	\$143.52	\$861.12	
(F)	6	ea	\$18.88	\$113.28	
(F)	26	ea	\$14.00	\$364.00	
(F)	2	ea	\$450.00	\$900.00	
(F)	6	ea	\$776.66	\$4,659.96	
(F)	2	ea	\$470.00	\$940.00	
(F)	1	ea	\$127.02	\$127.02	
(F)	4	ea	\$58.90	\$235.60	
(F)	1	box	\$120.00	\$120.00	
(F)	1	box	\$195.00	\$195.00	
(F)	10	yds	\$8.00	\$80.00	
(F)	2	loads	\$200.00	\$400.00	
(F)	182	hours	\$42.00	\$7,644.00	
(F)	12	hours	\$52.00	\$624.00	
(F)	4	hours	\$43.00	\$172.00	
(F)	15	hours	\$53.00	\$795.00	
(F)	18	hours	\$60.00	\$1,080.00	
(F)	21	hours	\$60.00	\$1,260.00	
(F)	10	hours	\$26.00	\$260.00	
(F)	15	hours	\$26.00	\$390.00	
(F)	9	hours	\$16.00	\$144.00	
(F)	14	hours	\$4.00	\$56.00	
(F)	3	hours	\$18.00	\$54.00	
(F)	3	hours	\$18.00	\$54.00	
(F)	5	hours	\$46.56	\$232.80	

Guidelines for Applicant

Complete this form for each relocation you are submitting a grant application for. Provide any additional documents not requested on application checklist to substantiate your points, including actual deeded easements.

Mandatory or Discretionary? (no points)	
A) Trail is already closed or will be closed for the upcoming season. = Mandatory	B
B) Trail won't be closed for the coming season, but relocation is preferable for landowner request to avoid road use, etc = Discretionary	

Category		Possible Points	Actual Points
1	Maintenance Increase Only		
	New trail footprint has already been cleared/constructed, application is requesting only a maintenance increase	2	
2	Dedicated Highway Rec Wing		
	An opportunity to develop a dedicated rec wing on a highway will allow for increased safety of trail users by getting them off of a shared highway bridge.	2	
3	Funding (maximum points 2) Are other funds already committed?		
	50% or greater from other funding source(s)?	2	
	11% - 49% from other funding source(s)?	1	
	0% - 10% from other funding source(s)?	0	
4	Length of Written Easements or Land Use Agreement (max points 4) (ch. 23.09(26)(am)1 WI Stats)		
	On public land (County, State, Federal)	4	4
	10 or more year deeded easement on private land or other public land, for all portions of that trail segment to the nearest road on each side	3	
	3-9 year deeded easement on private land or other public land, for all portions of that trail to the nearest road on each side	2	
	10 or more year land use agreement (LUA, not deeded) on private land or other public land	1	
	3-9 year land use agreement (LUA, not deeded) on private land or other public land	0	
5	Miles Impacted – How many miles will need to rerouted if the trail is shut down? Measured from nearest intersection on both sides of lost segment. (max 4 points)		
	Less than 20 miles	1	
	20 miles or more <i>Connection to Prica/Ashland Co</i>	3	3
	No other snowmobile trails connect. Explain:	4	
DEDUCTIONS			
8	County Active Project Deduction (maximum deduction 1 point) A snowmobile active project is one that has exceeded it's initial grant period.		
	Two or more active projects - deduct 1 point	-1	0
GRAND TOTAL			7

** No open, extended grant projects.

QUOTATION

4/2/2024

PROJECT: Snowmobile Grants
Hurley, Wisconsin
Iron County



Wheeler Lumber LLC
Jake Silkey, PE
jsilkey@wheeler1892.com
262.229.4068

BID DATE:

Recreational Timber Panel-Lam Bridge – 182 West Road

30' single span x 12' clear roadway.

Superstructure is designed to a 60# pedestrian load and a 25,000 lbs. (H12.5) vehicle loading.

Longitudinal dowel laminated timber deck panels.

42" high horizontal pedestrian railing. Includes 12"x12" timber sills & 3"x12" timber wear course.

Lump Sum Total \$48,000.00

Recreational Timber Panel-Lam Bridge – Hurd Creek

25' single span x 12' clear roadway.

Superstructure is designed to a 60# pedestrian load and a 25,000 lbs. (H12.5) vehicle loading.

Longitudinal dowel laminated timber deck panels.

42" high horizontal pedestrian railing. Includes 12"x12" timber sills & 3"x12" timber wear course.

Lump Sum Total \$39,900.00

Note:

Price does not include the cost of unloading and installation.

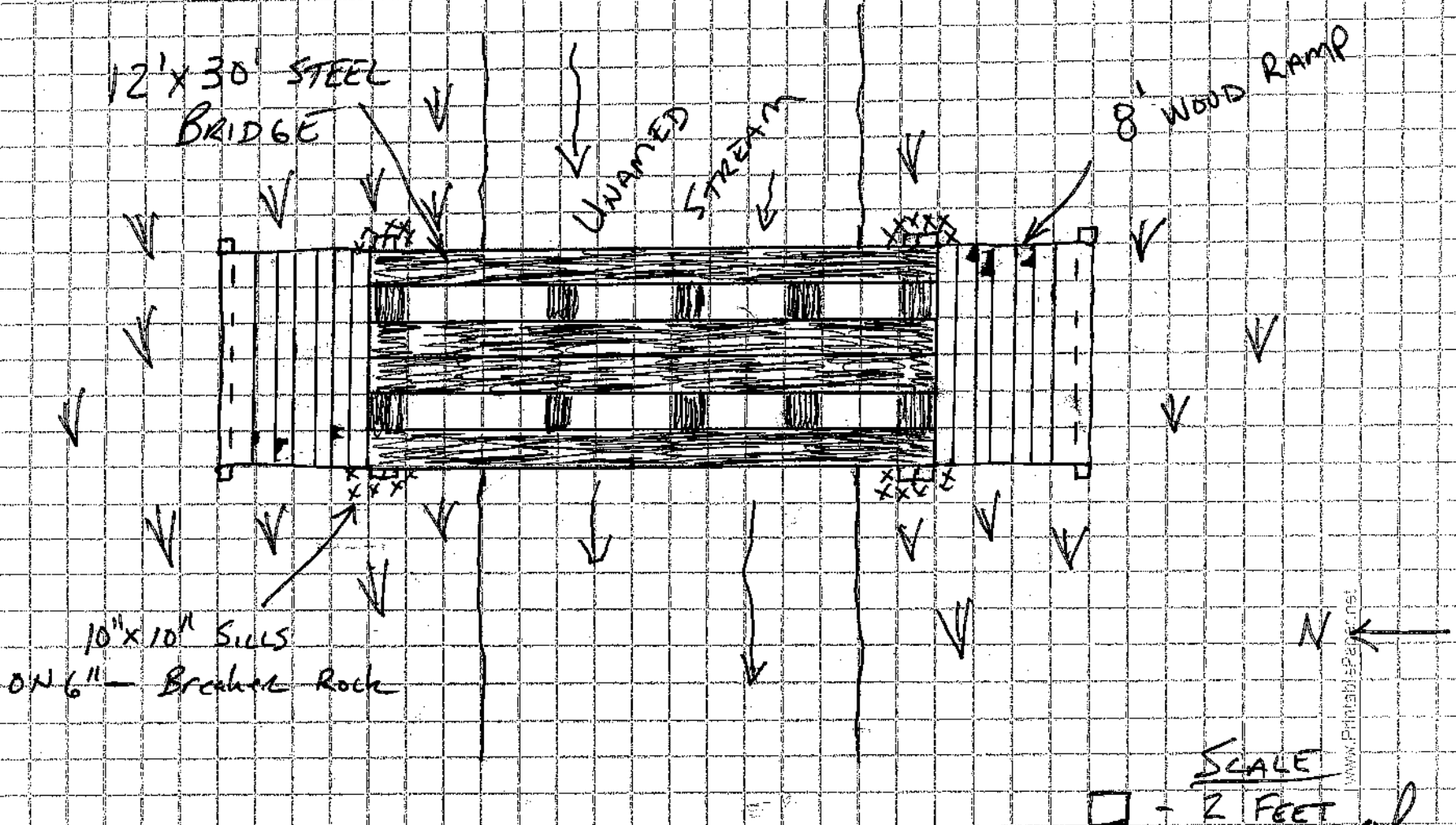
The method and sequence of erection shall be the responsibility of others.

All timber to be Douglas Fir, pressure treated with Copper Naphthenate (QNAP) in Type A Hydrocarbon Solvent in accordance with AWPA P-36 and HSA-14 to meet AWPA UC4B & UC4C.

Includes associated hardware. Hardware to be hot-dipped galvanized or coated to meet ICC AC-257.

Wheeler will include bridge superstructure plans sealed by a Professional Engineer registered in the state of the bridge location. Wheeler will not assume responsibility as Engineer of Record for the project.

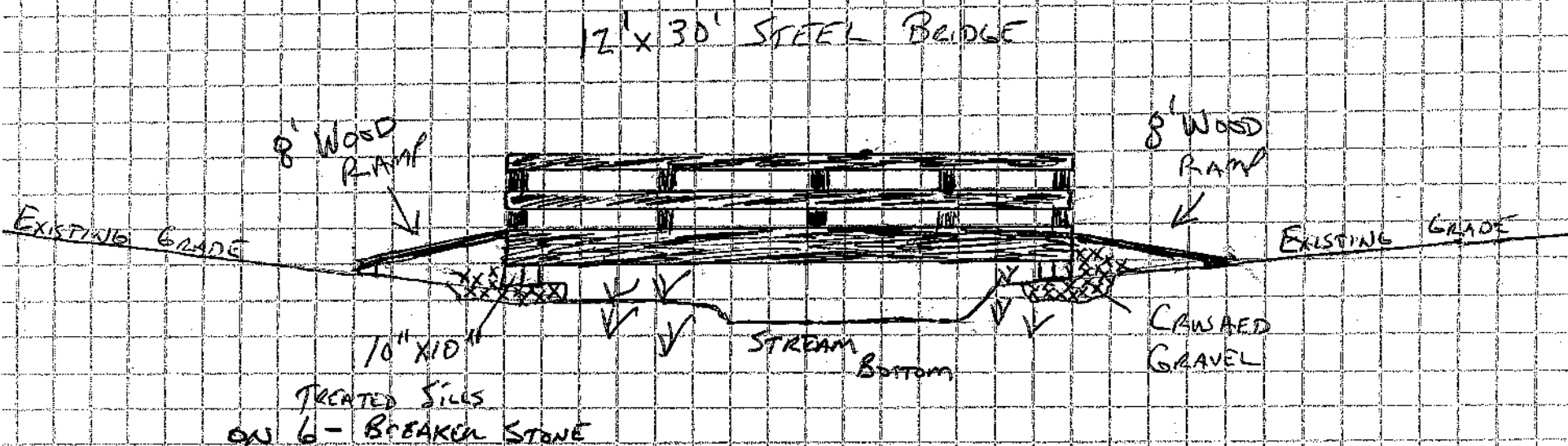
IRON COUNTY FORESTRY
182 WEST ROAD
TOP VIEW



www.PlanishSpace.net

Ed
3/6/14

IRON COUNTY FORESTRY
182 WEST ROAD
SIDE VIEW



N ←

SCALE
□ 2 FEET

www.PrimariesPaper.net

EJP
3/6/24

182 WEST ROAD

30 foot bridge

Stream 12 wide bottom to 20 wide high water by 1 foot deep. Muck bottom.

Bottom of stream to existing Bank 2 ft deep.

Bottom of bridge elevation to be three and a half to 4 ft above stream bottom.

South Bank slope approximately 2 ft rise over 20 ft horizontal.

North Bank approximately 25 ft to high ground and bridge deck elevation.

BREAKER ROCK (6 minus) - 2 LOADS (DMA)

CRUSHED GRAVEL - 2 LOADS (DMA)

300' CLEAR/GRUB 16 FEET WIDE

8-10 TREES TO REMOVE (LEAVE ON-SITE)

1500' MOW FELON

2- 10" X 20' CULVERTS (EXCAVATOR INSTALL)

SIGNS/POSTS (TRAIL CLOSED, BRIDGE AHEAD, CHEVRONS)

JOB # 1905

5 BRIDGE DESIGN ALL RECREATIONAL W/LL @ $12\frac{1}{2}$ TON = 25^k

ALL SIMPLE SPAN 12' WIDE w/ ADEQUATE HANDLING WOOD NECK & WEAR PLATE.

SIZES RANGE FROM 20' TO 40' (20, 25, 30, 35, 40)

ADEQUATE WELD IN FIELD BRACING @ $\frac{1}{4}$ POINTS ALONG SPAN BETWEEN EACH OF 6 MEMBERS

APPROX SPACING $\frac{12'}{5 \text{ SPAN}} = 2.4' \approx 29" \pm$

BRIDGING TO BE PIECES OF SAME SIZE BEAM MEMBERS

IMPACT LOADING @ 25% OF ALL WEIGHT LL+DL.

SNOW LOAD @ 60 PSF

BRIDGE DL @ 35 PSF

MAX. LIVE LOAD 25^k (WORST CASE SINGLE AXIAL @ $\frac{1}{2}$) W/ 1.33 INCREASE FWD UNITY 1.0

CALCULATE FULL LOAD MOMENT THEN DIVIDE BETWEEN 5 MEMBERS. $\frac{1}{2}$ OUTSIDE MEMBERS FOR HANDLING

@ 20' $M = 12.5^k(10') + \frac{0.095(12)(20')^2}{8} = 182^{k-ft} / 5 = 36.4$

$\frac{6}{5} = 1.2$

@ 25' $M = 12.5^k(12.5') + \frac{1.14(25)^2}{8} = 245.3^{k-ft} / 5 = 49.1$

20% WOT INCLUDED

@ 30' $M = 12.5^k(15.0') + \frac{1.14(30')^2}{8} = 315.75^{k-ft} / 5 = 63.2$

@ 35' $M = 12.5^k(17.5') + \frac{1.14(35')^2}{8} = 393.3^{k-ft} / 5 = 78.7$

@ 40' $M = 12.5^k(20.0') + \frac{1.14(40')^2}{8} = 478^{k-ft} / 5 = 95.6$

$S_x = \frac{36.4(12)}{22} = 19.9 < 21.3$ W 12x19 6@20'

$S_x = \frac{49.1(12)}{22} = 26.8 < 33.4$ W 12x24 6@25'

$S_x = \frac{63.2(12)}{22} = 34.5 < 38.6$ W 12x30 6@30'

$S_x = \frac{78.7(12)}{22} = 42.9 < 45.6$ W 12x35 6@35'

$S_x = \frac{95.6(12)}{22} = 52.1 < 58.1$ W 12x45 or W 16x36 6@40'

56.5



STRESS INCREASE DUE TO L.L. (FULL LENGTH) @ 1.33 ALLOWS 33% IMPACT



Iron County GIS

West Road / Hwy 182 Reroute

DISCLAIMER: Iron County does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1 = 400'

Iron County

300 Taconite St Suite 113
 Hurley, Wisconsin 54534
 715-561-5803

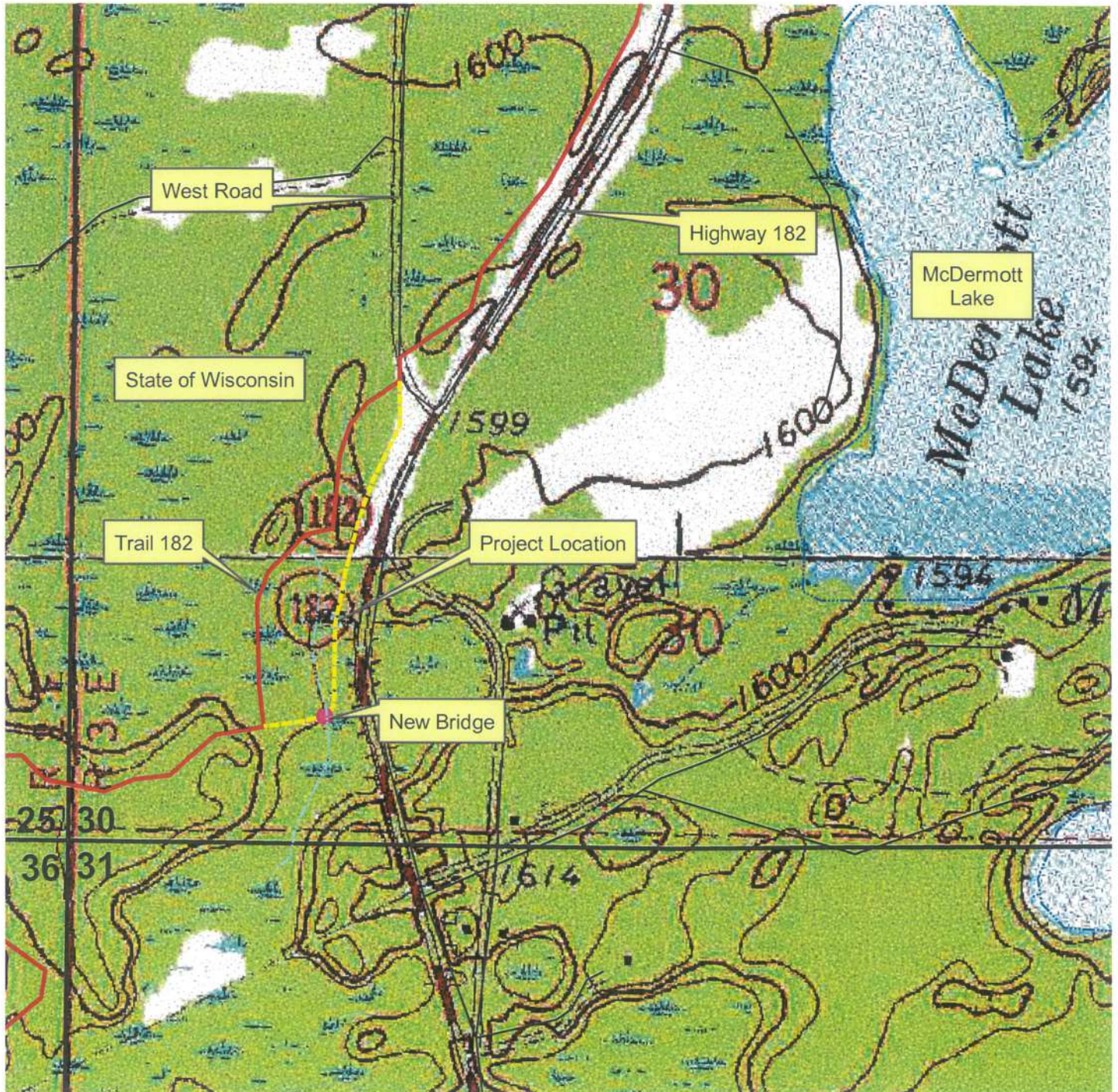
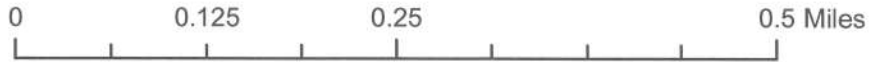
Print Date: 2/6/2024

Iron County Forestry
"Trail 182 West Road"
SW SW, Sec. 30, T41N, R3E
Town of Sherman, Iron County, Wisconsin



Map By: Iron County Forestry

Iron County Forestry
"Trail 182 West Road"
SW SW, Sec. 30, T41N, R3E
Town of Sherman, Iron County, Wisconsin



Map By: Iron County Forestry

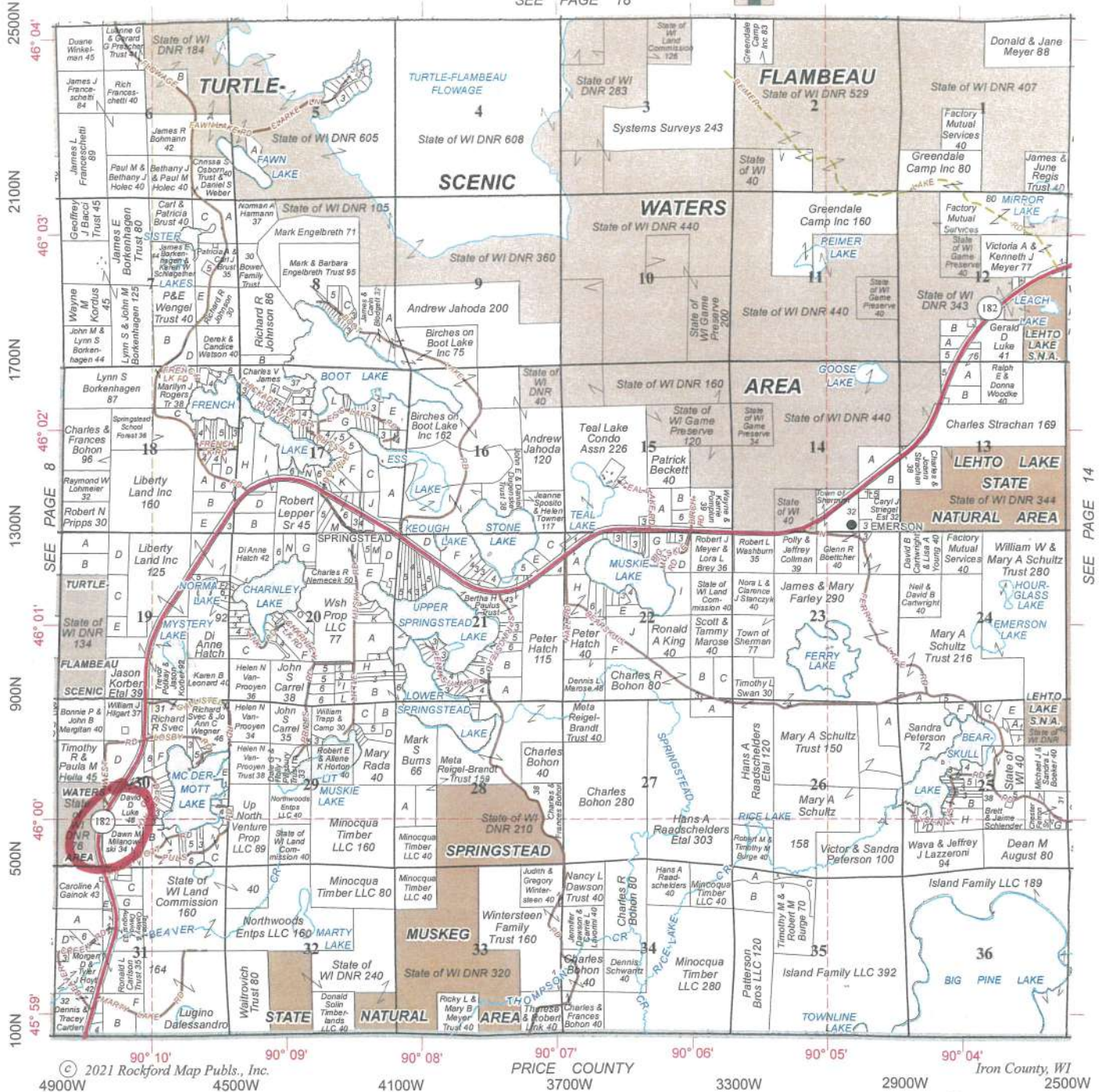
SOUTH CENTRAL PART

SHERMAN

SEE PAGE 18

T.41N.-R.3E.

Refer to page 66 for keyed parcels



SEE PAGE 14

SNOW RIDGE LUMBER, Inc.

Year Round Market for Hardwood Sawlogs & Veneer

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1200 Odanah Road • Hurley, WI 54534

www.snowridgelumber.com

Want to see your ad here?

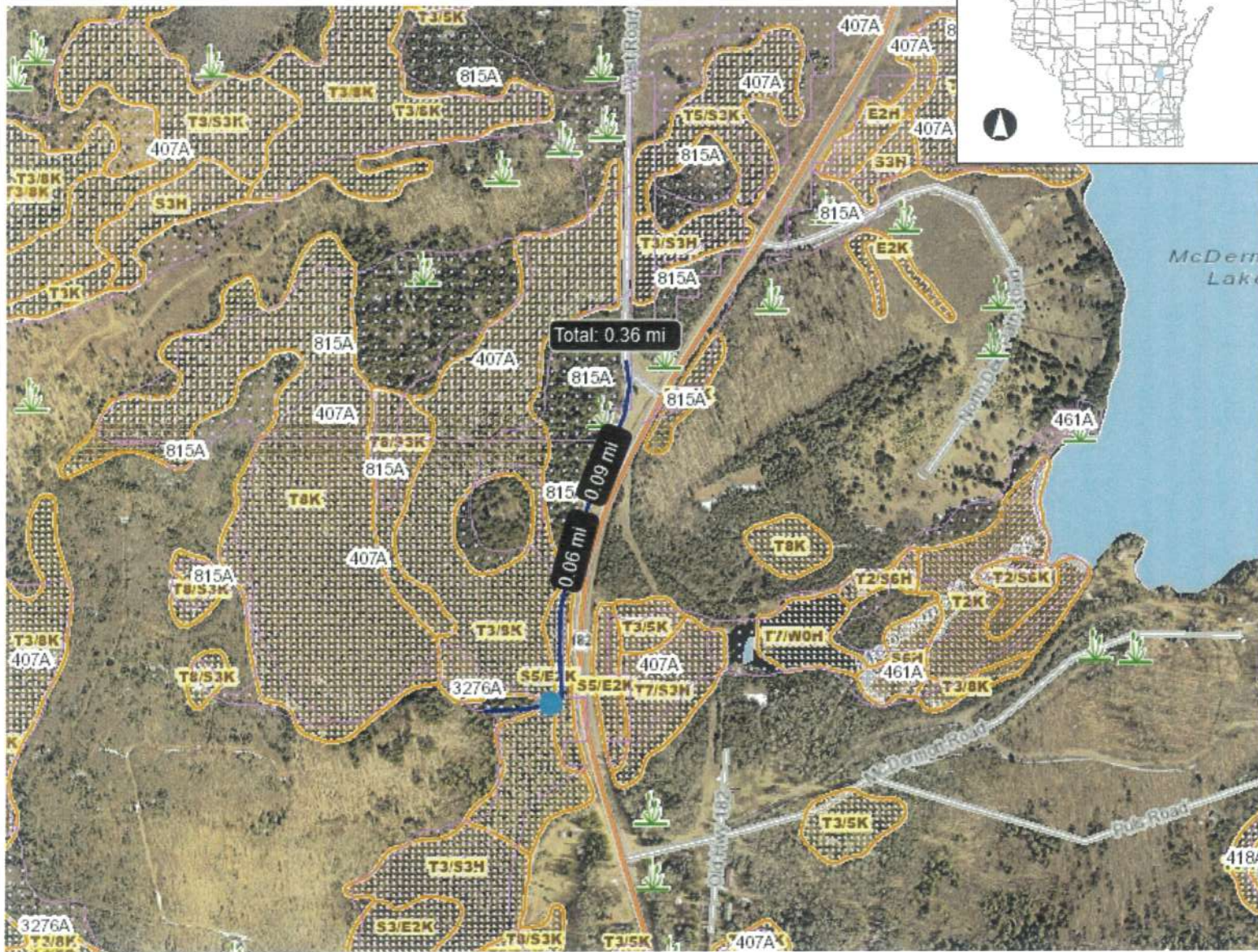
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Surface Water Data Viewer Map Iron County Forestry



Legend

- Wetland Indicators
- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points**
- Dammed pond
- Excavated pond
- Filled/draind wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Lake Class Areas
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- Dammed pond
- Excavated pond
- Filled/draind wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations
- NRCS Wetspots
- Municipality
- State Boundaries
- County Boundaries
- Major Roads**
- Interstate Highway
- State Highway
- US Highway

Notes

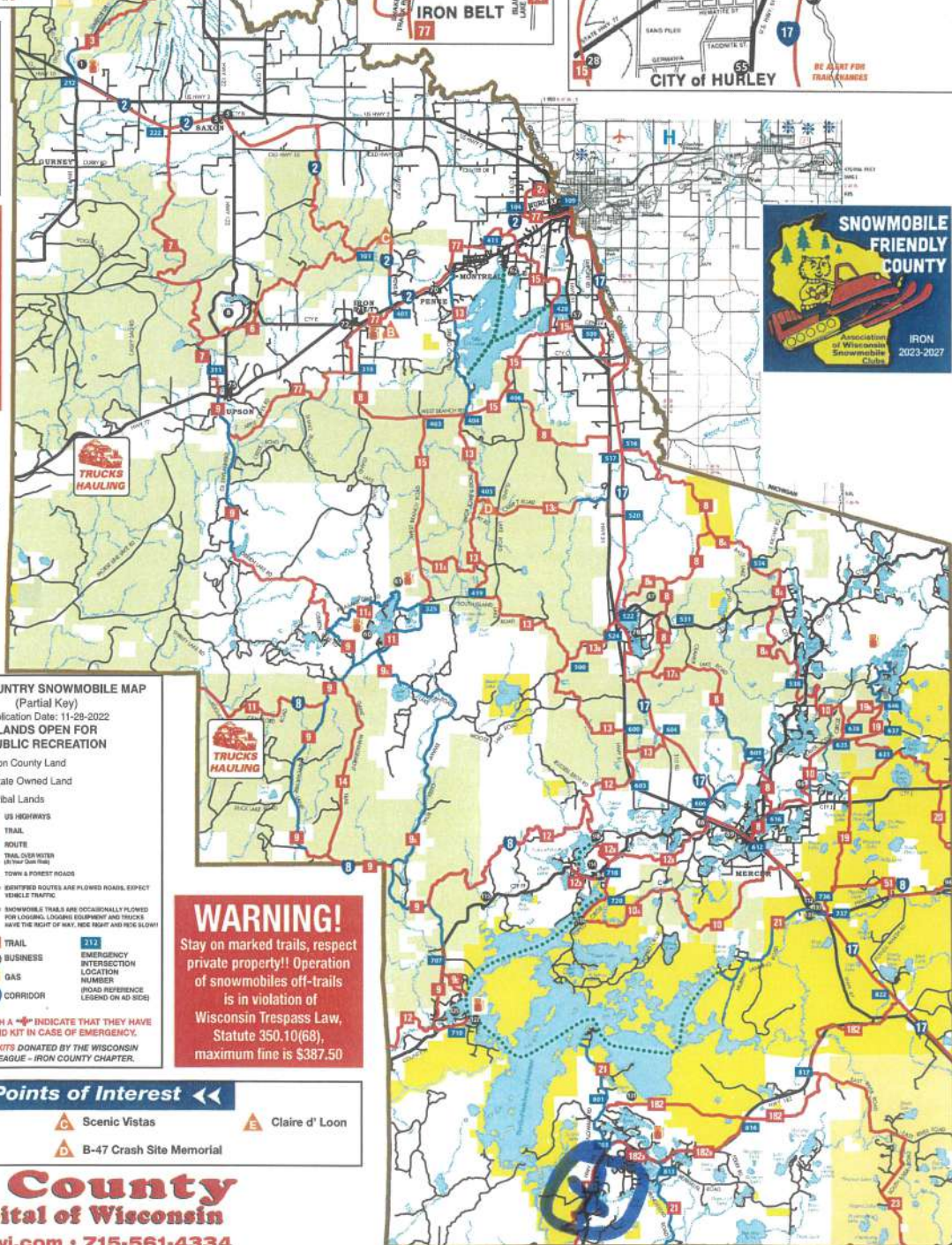
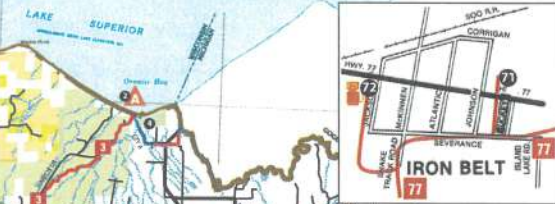
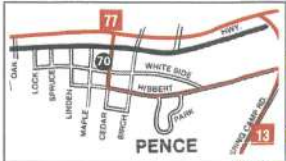
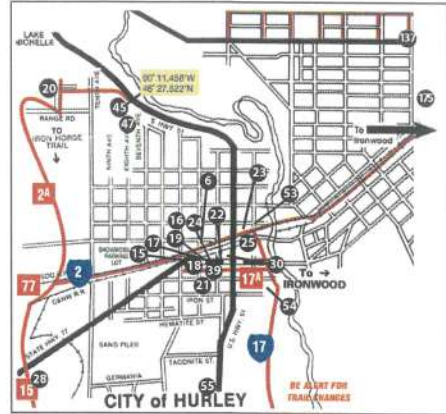
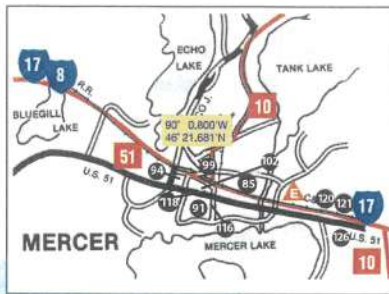
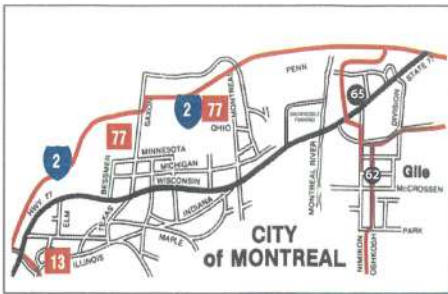
Trail 182 West Road

0.3 0 0.13 0.3 Miles

NAD_1983_HARN_Wisconsin_TM

1: 7,920

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>



EXPECT VEHICLE TRAFFIC ON ALL ROUTES.
 Designated trails are occasionally plowed for logging activities, logging equipment and trucks have the Right-of-Way!!
 Ride right and ride safe on ALL plowed roadways!



IRON COUNTY SNOWMOBILE MAP
 (Partial Key)
 Publication Date: 11-29-2022
LANDS OPEN FOR PUBLIC RECREATION
 Iron County Land
 State Owned Land
 Tribal Lands
 US HIGHWAYS
 TRAIL
 ROUTE
 TOWN & FOREST ROADS
 TOWN & FOREST ROADS
 * IDENTIFIED ROUTES ARE PLOWED ROADS, EXPECT TRUCK TRAFFIC.
 * SNOWMOBILE TRAILS ARE OCCASIONALLY PLOWED FOR LOGGING, LOGGING EQUIPMENT AND TRUCKS HAVE THE RIGHT OF WAY. RIDE RIGHT AND RIDE SLOW!
 13 TRAIL
 7 BUSINESS
 8 GAS
 2 CORRIDOR
 317 EMERGENCY INTERSECTION LOCATION NUMBER (ROAD REFERENCE LEGEND ON AD SIDE)
 THE ADS WITH A * INDICATE THAT THEY HAVE A FIRST AID KIT IN CASE OF EMERGENCY.
 FIRST AID KITS DONATED BY THE WISCONSIN TAVERN LEAGUE - IRON COUNTY CHAPTER.

WARNING!
 Stay on marked trails, respect private property!! Operation of snowmobiles off-trails is in violation of Wisconsin Trespass Law, Statute 350.10(68), maximum fine is \$387.50

- Scenic Points of Interest**
- A Saxon Harbor and Lake Superior
 - B Plummer Mine
 - C Scenic Vistas
 - D B-47 Crash Site Memorial
 - E Claire d' Loon

Iron County
Snow Capital of Wisconsin
www.hurleywi.com • 715-561-4334
www.mercercc.com • 715-476-2389

WARNING
 SNOWMOBILE SPEED LIMIT ON PLOWED TOWN ROADS
25 MPH

- Please respect private property.
- Use extreme caution on lakes and streams.
- Obey all state laws and local ordinances.
- Do not operate snowmobiles on state highways or county roads.
- Snowmobile routes are roads so designated by local ordinance. Do not use unless posted as a route.
- Iron County, Iron County Snowmobile Council, White Thunder Riders Snowmobile Club, Mercer Snow-Scooters Snowmobile Club, and members and affiliates thereof assume no liability as to trails, machines or individuals.
- This map is intended as a guide only. The Snowmobile Council assumes no liability relative to accuracy of trail locations and routes.

Non-Resident Snowmobile Stickers Required



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IRON COUNTY RECREATIONAL COUNCIL
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 Printed by Hahn Printing, Eagle River, WI