

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)

Page 1 of 5

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 Pierce County				Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input type="checkbox"/> Select if the same as applicant.			
Individual Authorized to Act on Behalf of Applicant per Resolution Travis Campbell				Check Recipient Name (Name to Appear on Check) Pierce County Treasurer			
Title Co. Park Superintendent - Snowmobile Coordinator				Title Pierce County Treasurer			
Address N4351 County Road HH				Address 414 W. Main Street			
City Plum City	State WI	ZIP Code 54761		City Ellsworth	State WI	ZIP Code 54011	
Telephone Number (715) 639-5611		Email Address travis.campbell@co.pierce.wi.us					

Section 2: Project Information Required for all Projects

Project Title Jensen Bridge Replacement						Current Funded Miles 237.9	New Miles (if applicable)
County Pierce	Township 27 N	Range 15	Section 36	1/4 1/4 NE	1/4 NE	GPS Coordinates: Lat. 44.7832519 Long. -92.1389047	

Project Description Summary

The proposed the replacement bridge is located on the trail connecting the towns of Elmwood and Spring Valley. This trail also serves as an important link between Dunn and St. Croix Counties.

The current bridge was originally designed and constructed by club members in 1995. Our groomer currently avoids using it, opting instead to drive directly through the river at this location. Given that this is a Class II trout stream, avoiding river crossings would greatly benefit the local trout population. Additionally, this practice leads to stones and ice accumulating in the groomer's tracks, causing flat spots on the guide wheels. Although the existing bridge may appear structurally sound, it visibly wiggles when even a riding lawn mower crosses it, indicating potential instability.

The project consist of removing the existing bridge, placing a new abutment and rip rap and setting a new steel truss bridge.

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

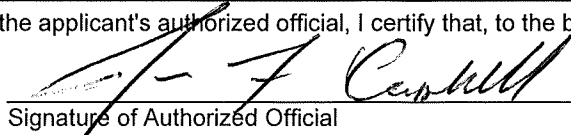
Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$179,850.00		\$179,850.00
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official	Official's Title
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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

04/13/2025
Date Prepared

Checklist for Maintenance and Projects

Snowmobile	ATV/UTV	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Project is on public land and I will be applying for RTP funds for this project. \$
<input type="checkbox"/>	<input type="checkbox"/>	Land Acquisition – consult your Regional Grant Specialist for required procedures
Maintenance		
<input type="checkbox"/>	<input type="checkbox"/>	Current trail map identifying funded/unfunded miles.
<input type="checkbox"/>	<input type="checkbox"/>	Troutes – identify gas tax or no gas tax
Bridge Rehab/Replace/New, Re-Route w/bridge – Must complete Appendix A		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quality photos showing need for rehabilitation (no snow photos)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	County wide trail map showing bridge location on the funded trail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Aerial, wetland, topo, and plat maps showing bridge location with trails overlaid
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Detailed construction plans (show length, width, rail height and approaches)
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Reroute - trail map showing old trail and proposed new trail with bridge location
<input checked="" type="checkbox"/>		
<input type="checkbox"/>		
	<input type="checkbox"/>	Identify season - Summer, Winter, Year-Round (Winter include rules)
Trail Rehab/Qualified Troute – Must complete Appendix B		
<input type="checkbox"/>	<input type="checkbox"/>	Quality photos showing need for rehabilitation
<input type="checkbox"/>	<input type="checkbox"/>	County wide trail map showing the segment proposed for rehabilitation on the funded trail
<input type="checkbox"/>	<input type="checkbox"/>	Aerial, wetland, topo, and plat maps with the trails overlaid
<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	Depth and location of gravel to be used
	<input type="checkbox"/>	Identify season - Summer, Winter, Year-Round (Winter include rules)
New Miles – Must complete Appendix B if development funds are requested		
<input type="checkbox"/>	<input type="checkbox"/>	Current county trail map identifying all requested segments.
<input type="checkbox"/>	<input type="checkbox"/>	Aerial and topo site maps for each segment requested. Include Town-Range-Section.
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Construction plans for bridges or other structures. Include Appendix A
<input type="checkbox"/>		
	<input type="checkbox"/>	Troutes – identify gas tax or no gas tax
	<input type="checkbox"/>	Identify season - Summer, Winter, Year-Round (Winter include rules)
Intensive Use Area		
	<input type="checkbox"/>	County, plat, wetland, topo maps showing project boundaries, trails, and elements
	<input type="checkbox"/>	Site plans showing any existing facilities along with proposed new construction including trails, riding courses, bridges, culverts, shelters, parking lots and toilets
	<input type="checkbox"/>	Preliminary construction plans for new trails, major grading, buildings, bridges, etc.
	<input type="checkbox"/>	
New Support		
<input type="checkbox"/>	<input type="checkbox"/>	Campgrounds, shelter, etc. Please provide detailed information.
<input type="checkbox"/>	<input type="checkbox"/>	

Appendix A – Required for Bridge Rehab/Replace, New, or Reroute with New Bridge
☒ Bridge Rehab/Replace ☐ New Bridge ☐ Reroute with new bridge

County Pierce	Township 27 N	Range 15	Section 8	¼ ¼ SW	¼ SE	GPS Coordinates: Lat. 44.8322182 Long. -92.2226024
Water Body Name Eau Galle River			Bridge Name Jensen		County Inventory Number 11	
Funded Trail Name or Number (SNARS if applicable) 20			Has this bridge site ever received development or rehabilitation funds in the past? <input checked="" type="radio"/> Yes <input type="radio"/> No Year: 2012 \$ 6,150.00			
Bridge is located on: <input checked="" type="radio"/> Private property <input type="radio"/> Public property			Old Bridge/Culvert Size 11.5' x 110'		New Bridge/Culvert Size 12' x 100'	
Landowner Where Bridge is Located Brock E Jensen			Telephone Number (715) 495-5983		Length of Trail Use Agreement (5 year minimum) 10 year	
Current maximum load 12,000 lbs.		Age of Bridge 30 years		Bridge Material Steel I-beam		
Proposed maximum load 25,000 lbs.						
Sponsoring Club Name Snow Valley Riders			Club Contact Dustin Timm		Telephone Number (715) 495-1856	
Do you have your trail bridges posted as to maximum load? <input checked="" type="radio"/> Yes <input type="radio"/> No			What is the maximum load of the other bridges on the system if groomed with this bridge? 12,000			
What is the weight of your puller & drag/grading equipment? Over 13,000 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?						

- ☒ 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 Have you contacted your County Zoning Dept. regarding a floodplain determination?
☒ Yes ☐ No Will an H & H (hydrologic and hydraulic) study be required?

Bridge Project Detailed Description

The proposed the replacement bridge is located on the trail connecting the towns of Elmwood and Spring Valley. This trail also serves as an important link between Dunn and St. Croix Counties.

The current bridge was originally designed and constructed by club members in 1995. Due to concerns of the strength of the bridge, our groomer currently avoid using it, opting instead to drive directly through the river at this location. Given that this is a Class II trout stream, avoiding river crossings would greatly benefit the local trout population. Additionally, this practice leads to stones and ice accumulating in the groomer's tracks, causing flat spots on the guide wheels. Although the existing bridge may appear structurally sound, it visibly wiggles when even a riding lawn mower crosses it, indicating potential instability.

The proposed project involves:

- * Removing the existing bridge structure
- * Installing new abutments and riprap for reinforcement
- * Setting a new, more durable steel truss bridge in place

Thank you for considering this proposal. I believe these improvements are essential for safety and environmental stewardship.

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>100 x 12</u>	<u>90x12</u>
Bridge Manufacturer:	<u>Anderson Bridges</u>		<u>Contech Engineered Solutions</u>
Design Weight Load		<u>25,000 lbs.</u>	<u>20,000 lbs.</u>
Cost of Structure:	1. Engineering	\$ <u> </u>	\$ <u> </u>
	2. Structure	\$ <u>127,000</u>	\$ <u>217,000</u>
	Subtotal	\$ <u>127,000</u>	\$ <u>217,000</u>
		Quote 1	Quote 2
		<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor	<input type="radio"/> Contractor or <input checked="" type="radio"/> Sponsor
		Estimate	Estimate
Installation Costs:	1. Engineering	\$ <u>10,000</u>	\$ <u>10,000</u>
	2. Site Preparation	\$ <u>6,000</u>	\$ <u>6,000</u>
	3. Abutments	\$ <u>20,000</u>	\$ <u>20,000</u>
	4. Pilings/Piers	\$ <u> </u>	\$ <u> </u>
	5. Approaches	\$ <u>2,000</u>	\$ <u>2,000</u>
	6. Riprap	\$ <u>2,000</u>	\$ <u>2,000</u>
	7. Labor	\$ <u>10,000</u>	\$ <u>10,000</u>
	8. Equipment Rental	\$ <u> </u>	\$ <u> </u>
	9. Culverts	\$ <u> </u>	\$ <u> </u>
	10. H & H Study	\$ <u> </u>	\$ <u> </u>
	11. Wetland Delineation	\$ <u> </u>	\$ <u> </u>
	12. Other Force & Permts	\$ <u>2,850</u>	\$ <u>4,000</u>
	Subtotal	\$ <u>52,850</u>	\$ <u>54,000</u>
	Total Cost	\$ <u>179,850</u>	\$ <u>271,000</u>

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:	<u>100x12</u>	
Design Weight Load	<u>25,000 lbs.</u>	
1. Materials	\$ <u>127,000</u>	
2. Labor	\$ <u>52,850</u>	
Total	\$ <u>179,850</u>	

**SNOWMOBILE TRAIL
LAND USE AGREEMENT
PIERCE COUNTY, WISCONSIN**

This **AGREEMENT** made this _____ day of April, 2025, by and between Brock Jensen, of Pierce County Wisconsin, **GRANTOR**, and Pierce County Snowmobile Council Club and Snow Valley Riders, **GRANTEE**.

WHEREAS, the **GRANTEE** through its Pierce County Snowmobile Council, desires to construct the aforementioned snowmobile trail in a no less than twelve foot wide and not to exceed a sixteen foot wide corridor, on and across the property of the **GRANTOR**.

NOW THEREFORTH in WITNESSETH:

The **GRANTOR** offers to the **GRANTEE** the right commencing on the 1st day of November of the year, through the last day of March of the following year to construct, operate and maintain a public snowmobile trail on, over and across the following described property.

Spring Lake Township, T27N R15W Range 8 Section

In order to accomplish the purpose of this agreement, the **GRANTEE** intends to place or construct the following item (s) on the above stated property.

_____ Gate X Bridge X 16 Foot Corridor X Other (10 year land use agreement until 2035)

All Physical improvements remain the property of the **GRANTEE** and may be removed when the property ceases to be used as a snowmobile trail.

It is understood by both the **GRANTOR** and the **GRANTEE**, that this agreement is subject to the following conditions:

- 1) **GRANTOR** shall not incur any expense for the construction or operation of the snowmobile trail.
- 2) This agreement is non-transferable by the **GRANTEE**.
- 3) No unnecessary removal of vegetation will be done. No trees shall be cut without permission from the **GRANTOR**. Any trees cut will remain the property of the **GRANTOR**.
- 4) **GRANTEE** shall indemnify and hold harmless for injury to person or property arising from the use of snowmobiles on the described property. Further protection provided to property owner, is identified under Wisconsin's Recreational Use Statute 895.52.
- 5) Necessary fence removal shall be only by approval of the **GRANTOR** and any replacement shall be made by the **GRANTEE**.
- 6) This agreement shall be automatically self- renewing for successive periods of one year.
- 7) **GRANTOR** may terminate this agreement only by giving written notice thereof by certified or registered mail at the **GRANTEE'S** mailing address set forth below to **GRANTEE** prior to September 1st of any year.
- 8) Additional conditions will be valid if enumerated on the reverse side of this document and initialed by both parties.

GRANTEE:

Snow Valley Riders
PIERCE COUNTY SNOWMOBILE COUNCIL CLUB

Travis Campbell for Dustin Timm
CLUB REPRESENTATIVE NAME

[Signature] 04/12/2025
Signed Date

Official Address
Pierce County Snowmobile Council
C/O Nugget Lake County Park
N4351 Co. Rd. HH
Plum City, WI. 54761
PH: (715) 639-5611

GRANTOR:

Brock Jensen
PROPERTY OWNER

W1820 770th Ave Spring Valley, WI 54767
OWNER ADDRESS

[Signature] 4/12/25
Signed Date

Copies:
Property Owner
Snowmobile Club
Snowmobile Coordinator



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

PROPOSAL

April 1, 2025

To: Pierce County Snowmobile Trail Coordinator

Re: Carter Turner Snowmobile Bridge Budget

- 1 - **100' 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 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: **Pierce County, WI**
 - Engineered Drawings State Seal: **Wisconsin**

Price-----\$177,000

• Structure (Steel Truss)	\$127,000
• Approaches (Fill)	\$2,000
• Engineering	\$10,000
• Site Prep	\$1,000
• Abutments	\$20,000
• Labor	\$10,000
• Rip Rap	\$2,000
• Existing Bridge Removal	\$5,000

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

Please call with any questions.

Thank you,

Kory S. Weathers

Dennis stated his previous estimate was still ok March 25,2025 by email

Dennis Brever <Dennis.Brever@conteches.com>

Oct 16,
2023,
7:43 AM

to me

Travis

Here is the budget pricing for your project we talked about on the phone last week.

Continental Pedestrian Bridge
Length – 90'-0" Long (out to out of end verticals)
Width – 12'-0" Wide (Clear between rub rails)
Style – Connector H-Section
Finish – Self Weathering Steel
AASHTO LRFD Design
90 PSF Live Load
H-10 (20,000 LB) Vehicle Load
Bridge to be designed to accept a 6-inch-thick cast-in-place concrete deck
Side Dams and End Dams included
Galvanized Form Decking included
Concrete and steel reinforcing to be supplied and installed by others
Steel Toe Rail
Nominal 5/4x6 IPE Wood Rub Rail
Horizontal Steel Safety Rails
Bearing Pads
Steel Cover Plates on both ends of the bridge

Bridge to be shipped in Two sections

Total Budget Number = \$148,000.00 Plus Tax if applicable (Delivery to Pierce County, WI included)

Continental Pedestrian Bridge
Length – 90'-0" Long (out to out of end verticals)
Width – 12'-0" Wide (Clear between rub rails)
Style – Connector H-Section
Finish – Self Weathering Steel
AASHTO LRFD Design
90 PSF Live Load
H-10 (20,000 LB) Vehicle Load
Nominal 3-inch-thick Treated Wood Decking
Steel Toe Rail
Nominal 5/4x6 IPE Wood Rub Rail
Horizontal Steel Safety Rails
Bearing Pads
Steel Cover Plates on both ends of the bridge

Bridge to be shipped in Two sections

Total Budget Number = \$160,000.00 Plus Tax if applicable (Delivery to Pierce County, WI included)

Continental Pedestrian Bridge
Length – 110'-0" Long (out to out of end verticals)
Width – 12'-0" Wide (Clear between rub rails)
Style – Connector H-Section
Finish – Self Weathering Steel
AASHTO LRFD Design
90 PSF Live Load
H-10 (20,000 LB) Vehicle Load
Bridge to be designed to accept a 6-inch-thick cast-in-place concrete deck
Side Dams and End Dams included

Galvanized Form Decking included
Concrete and steel reinforcing to be supplied and installed by others
Steel Toe Rail
Nominal 5/4x6 IPE Wood Rub Rail
Horizontal Steel Safety Rails
Bearing Pads
Steel Cover Plates on both ends of the bridge

Bridge to be shipped in Two sections

Total Budget Number = \$200,000.00 Plus Tax if applicable (Delivery to Pierce County, WI included)

Continental Pedestrian Bridge
Length – 110'-0" Long (out to out of end verticals)
Width – 12'-0" Wide (Clear between rub rails)
Style – Connector H-Section
Finish – Self Weathering Steel
AASHTO LRFD Design
90 PSF Live Load
H-10 (20,000 LB) Vehicle Load
Nominal 3-inch-thick Treated Wood Decking
Steel Toe Rail
Nominal 5/4x6 IPE Wood Rub Rail
Horizontal Steel Safety Rails
Bearing Pads
Steel Cover Plates on both ends of the bridge

Bridge to be shipped in Two sections

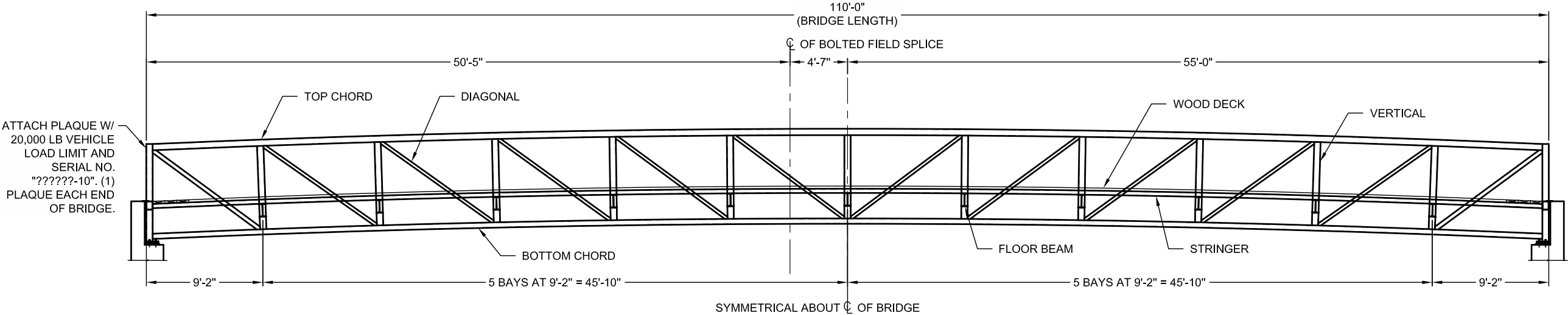
Total Budget Number = \$217,000.00 Plus Tax if applicable (Delivery to Pierce County, WI included)

All excavation & backfill, Foundations, setting of the bridge, and if you go with the cast-in-place concrete deck the rebar and concrete will be supplied and installed by others. All these cost will need to be added to the bridge pricing for your final installed cost for your grant.

Please let me know if you have any questions or need anything else for this project.

Thanks,

Dennis Brever – Truss Consultant
Contech Engineered Solutions LLC
Office 320-345-9337
Cell 320-304-3595
Dennis.Brever@conteches.com



GENERAL NOTES

1. DESIGN STRESSES ARE IN ACCORDANCE WITH "STANDARD SPECIFICATION FOR HIGHWAY BRIDGES" & "GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES" BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO).
2. BRIDGE MEMBERS ARE FABRICATED FROM HIGH STRENGTH, LOW ALLOY, ENHANCED ATMOSPHERIC CORROSION RESISTANT ASTM A847 COLD-FORMED WELDED SQUARE AND RECTANGULAR TUBING, AND ASTM A588, ASTM A606, OR ASTM A242 PLATE AND STRUCTURAL SHAPES (Fy=50,000 PSI).
3. BRIDGE DECKING NOMINAL 3" x 12' SELECT STRUCTURAL FIR (Fb=1,400 PSI min.) OR 3" x 10' SOUTHERN YELLOW PINE (Fb=1,300 PSI min.). ALKALINE COPPER QUATERNARY (ACQ) TO A 0.4 PCF RETENTION OR TO REFUSAL OR AZOLE BIOCIDES (MCA) TO A 0.06 PCF RETENTION OR TO REFUSAL.
4. THE GAS METAL ARC WELDING PROCESS OR FLUX CORED ARC WELDING PROCESS WILL BE USED. WELDING TO BE IN ACCORDANCE WITH AWS D1.1.
5. ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS. WELD BETWEEN TOP CHORD AND END VERTICAL SHALL BE AS DETAILED.
6. UNLESS OTHERWISE NOTED, WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. WELDS SHALL BE APPLIED AS FOLLOWS:

A. BOTH ENDS OF VERTICALS, DIAGONALS, AND FLOOR BEAMS SHALL BE WELDED ALL AROUND.

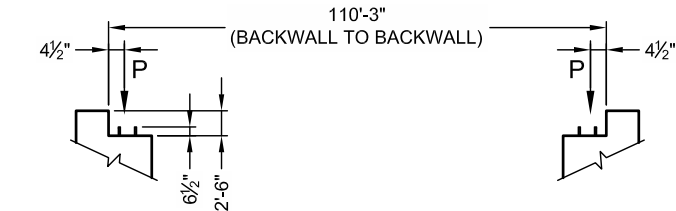
B. BRACE DIAGONALS WILL BE WELDED ALL AROUND.

C. MISCELLANEOUS NON-STRUCTURAL MEMBERS WILL BE STITCH WELDED TO THEIR SUPPORTING MEMBERS.
7. BRIDGE DESIGN WAS ONLY BASED ON COMBINATIONS OF THE FOLLOWING LOADS WHICH WILL PRODUCE MAXIMUM CRITICAL MEMBER STRESSES.

A. 90 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE 20,000 LB VEHICLE LOAD. THE LOAD SHALL BE DISTRIBUTED AS A FOUR-WHEEL VEHICLE WITH 80% OF THE LOAD ON THE REAR WHEELS. THE WHEEL TRACK WIDTH OF THE VEHICLE SHALL BE 6'-0" AND THE WHEEL BASE SHALL BE 14'-0". THE VEHICLE SHALL BE POSITIONED SO AS TO PRODUCE THE MAXIMUM STRESSES IN EACH MEMBER, INCLUDING DECKING.

B. 35 PSF WIND LOAD ON THE FULL HEIGHT OF THE BRIDGE, AS IF ENCLOSED.

C. 20 PSF UPWARD FORCE APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE BRIDGE WIDTH (AASHTO 3.15.3).
8. CLEANING: ALL EXPOSED SURFACES OF STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL SURFACES PREPARATION SPECIFICATIONS NO. 7 BRUSH-OFF BLAST CLEANING. SSPC-SP7-LATEST EDITION.
9. MINIMUM MATERIAL THICKNESS OF 1/4" ON ALL STRUCTURAL MEMBERS.



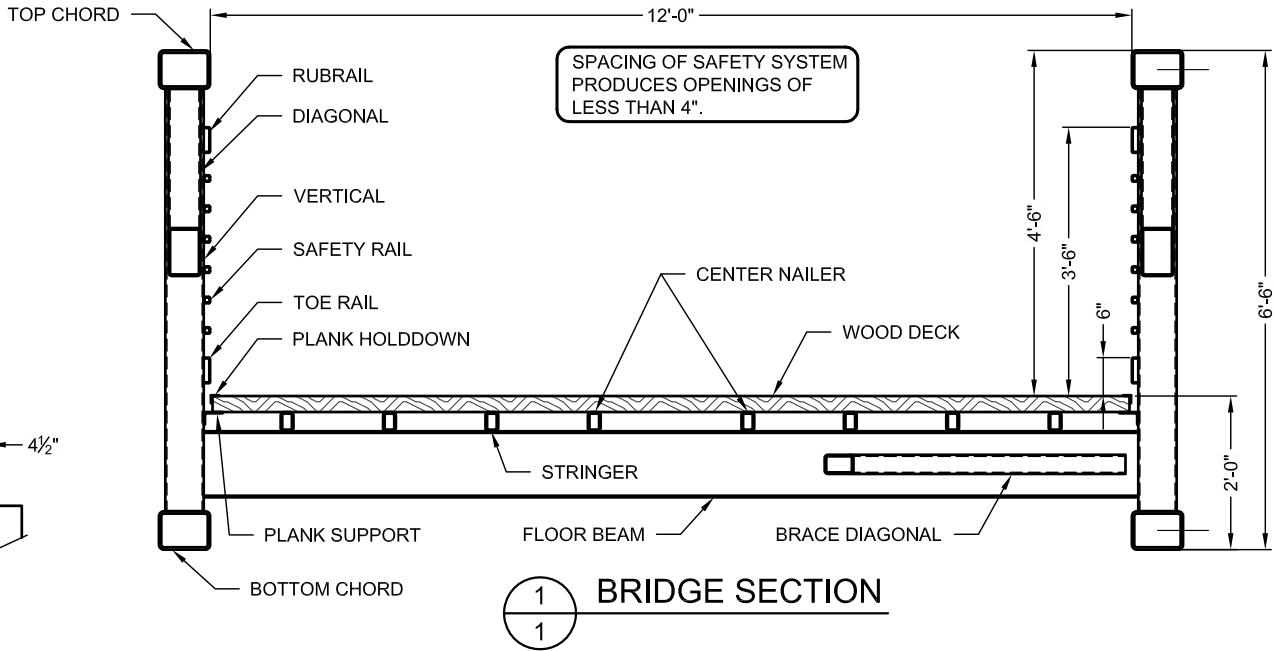
ANCHOR BOLT ELEVATION

COMBINE REACTIONS AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED

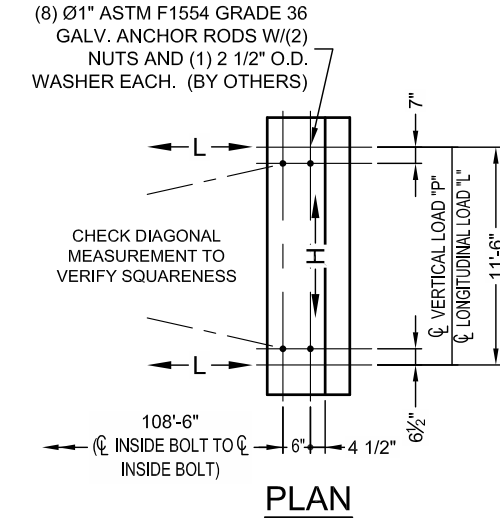
BRIDGE REACTIONS		+ DOWNWARD LOAD - UPWARD LOAD	
	P (LBS)	H (LBS)	L (LBS)
DEAD LOAD	13,650		
UNIFORM LIVE LOAD	29,700		
VEHICLE LOAD	10,000		
WIND UPLIFT 20 PSF		-11,000 -3,667	
WIND	±4,125	12,515	
THERMAL			2,050

"P" - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE)
"H" - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE)
"L" - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE)

BRIDGE LIFTING WEIGHT: 54,600 LBS



BRIDGE SECTION



PLAN

CONTECH
FABRICATION
DRAWING



The design and information shown on this drawing is provided as a service to the project owner, engineer or architect. It is not to be used, reproduced or modified in any manner without the prior written consent of Contech. Failure to comply with these conditions may result in Contech expressly disclaiming any liability or responsibility for such use.

If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered as the work progresses, these discrepancies must be reported to Contech immediately. Contech shall not be responsible for incomplete or inaccurate information supplied by others.

MARK	DATE	REVISION DESCRIPTION	BY

110'-0" x 12'-0"
STANDARD WOOD DECK
PEDESTRIAN BRIDGE
CITY, STATE

CONTECH
ENGINEERED SOLUTIONS LLC
www.conteches.com
8301 State Highway 29 North, Alexandria, MN 55308
800-398-2047 320-452-7500 320-452-7067 FAX

EXPRESS

DATE: -
DESIGNED: -
DRAWN: -
CHECKED: -
APPROVED: -
PROJECT No.: -
SEQUENCE No.: -
SHEET: 1 OF 1

Guidelines for Applicant

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

Category		Possible Points	Actual Points
1	Condition of the Structure (max of 10 points)		
	Has a certified bridge inspection report that supports the project & demonstrates need (see example, must provide copy of report by August 1 for 2024 only)	10	10
2	Permits (maximum points 4)		
	Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	1	1
	Permit in hand / Bridge already permitted	3	
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	
4	Length of Written Easements or Land Use Agreement (max points 5)(ch. 23.09(26)(am)1 WI Stats)		
	On public land (County, State, Federal)	5	
	10 or more year deeded easement on private land or other public land, for <u>all portions of that trail to the nearest road</u> on each side of the bridge	5	
	3-9 year deeded easement on private land or other public land, for <u>all portions of that trail to the nearest road</u> on each side of the bridge	4	
	10 or more year deeded easement on private land or other public land, for <u>just the bridge site</u>	3	1
	3-9 deeded easement on private land or other public land, for <u>just the bridge site</u>	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 structure is not replaced? Measured from nearest intersection on both sides of the bridge. (max 4 points)		
	Less than 20 miles	1	
	20 miles or more	3	3
	No other snowmobile trails connect. Explain:	4	
	DEDUCTIONS		
6	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	
GRAND TOTAL			15

Comments/Notes:

Report Summary for Jensen Bridge.

NBI Ratings

	File	New
Deck		3
Superstructure		6
Substructure		7
Culvert		
Channel		6
Waterway		

Structure Specific Notes

Structure is a steel girder bridge. 18"x6"x1/2" girders. There is minor freckled rust widespread on the girders. Abutments are 12"x8'w x 7'H poured concrete in good condition. Wooden deck has multiple boards with severe decay and most others in poor condition. Deck should be replaced. Channel has some minor scour issues around the South approach.

5/28/24 Bradley A. Taplin.

Bradley A. Taplin Insp. No. 6522

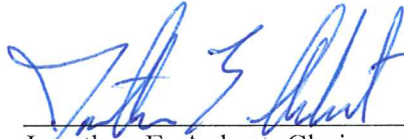
RESOLUTION NO. 24-02
AUTHORIZATION TO APPLY FOR SNOWMOBILE TRAIL PROGRAM STATE AID

WHEREAS, Pierce County is interested in providing, maintaining, acquiring, insuring, and developing lands for public snowmobile trails throughout the county; and

WHEREAS, said public snowmobile trails are eligible for snowmobile stewardship grant funds; and

NOW, THEREFORE BE IT RESOLVED, that the Pierce County Board of Supervisors authorizes the County Park Superintendent and Assistant Park Superintendent to act on behalf of Pierce County and to submit an application to the State of Wisconsin Department of Natural Resources for any financial aid that may be available, sign documents, and take necessary action to undertake, direct and complete the approved project.

Dated this 16th day of April, 2024.



Jonathan E. Aubart, Chairman
Pierce County Board of Supervisors

ATTESTED TO BY:



Jamie Feuerhelm, County Clerk

APPROVED AS TO FORM AND LEGALITY BY:



Bradley D. Lawrence, Corp. Counsel

Adopted:

APR 16 2024



Approach from the south. Groomers are unable to cross this bridge and take a river crossing instead.



River Crossing used by groomer. Rocks and ice get stuck in the tracks and cause issues.



Approach from the north. Groomers are unable to cross this bridge and take a river crossing instead.



River Crossing used by groomer. Rocks and ice get stuck in the tracks and cause issues.



Groomers are wider than the main structure



I-Beams are not continuous sections. Plates hold them together.



Set high on narrow concrete abutments. The main structure is also very narrow.



The riding lawn mower in the upper right corner made the bridge wiggle when crossing (Landowner)



Set high on narrow concrete abutments. Rip rap missing so bridge has little protection



Not sure if this is just a pour line or a crack in the abutment



Shows the I-Beam on this side also plated together.



The area is in need of more rip rap to protect the bridge



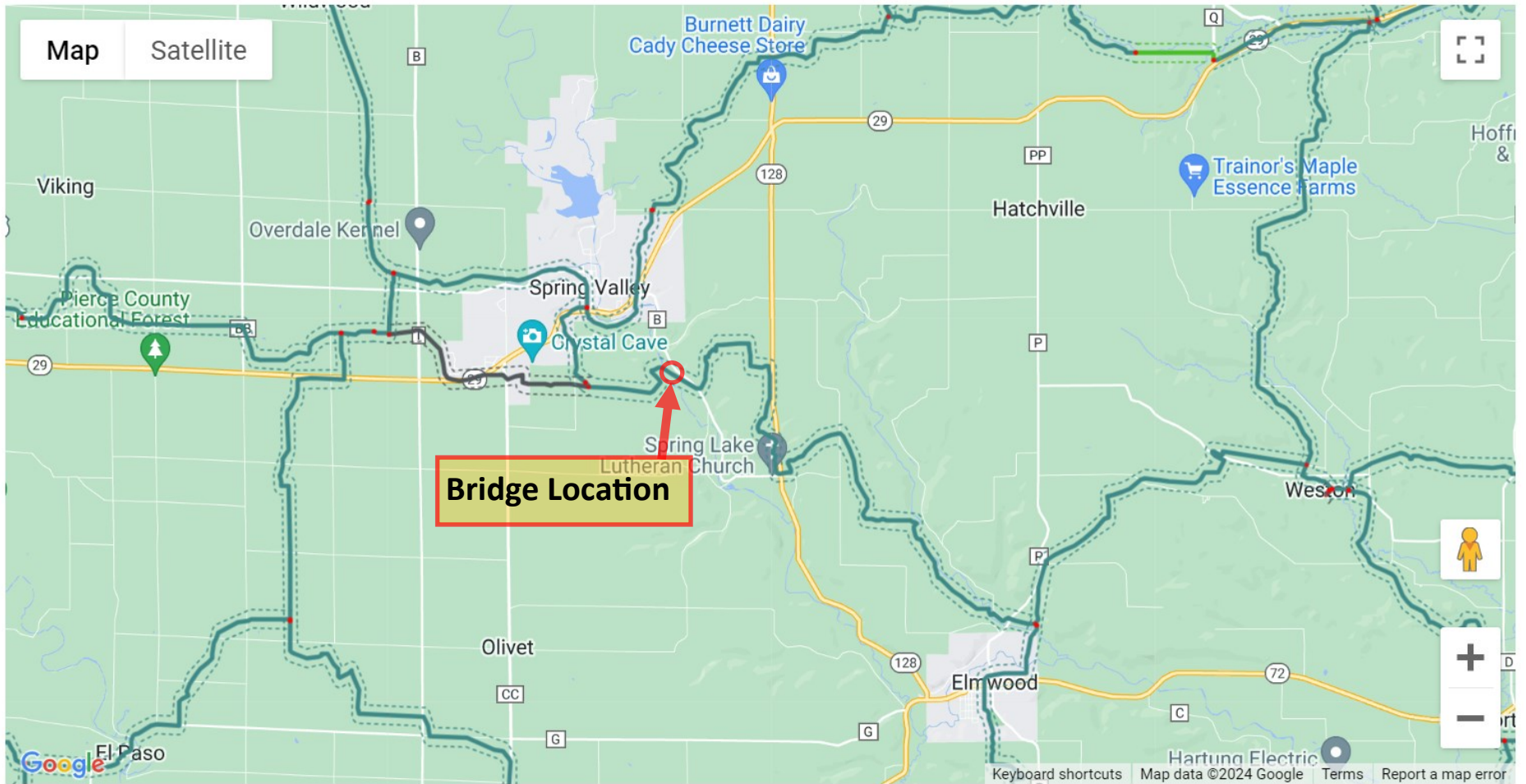
Though appears to be well built it still wiggles under a light load. Welds don't appear as strong as they should



This may be because of the span over such narrow concrete supports

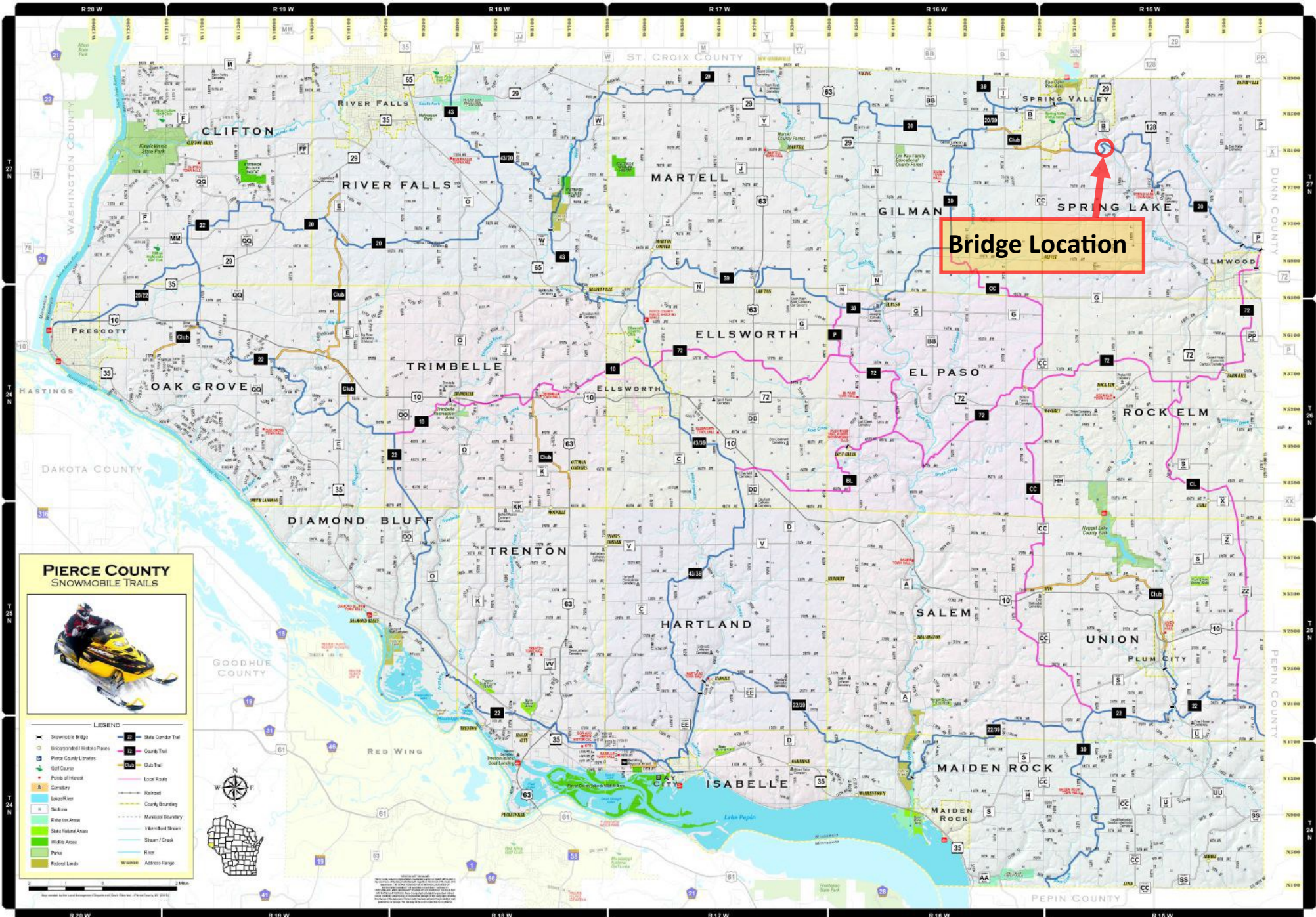
Bridge Location Map

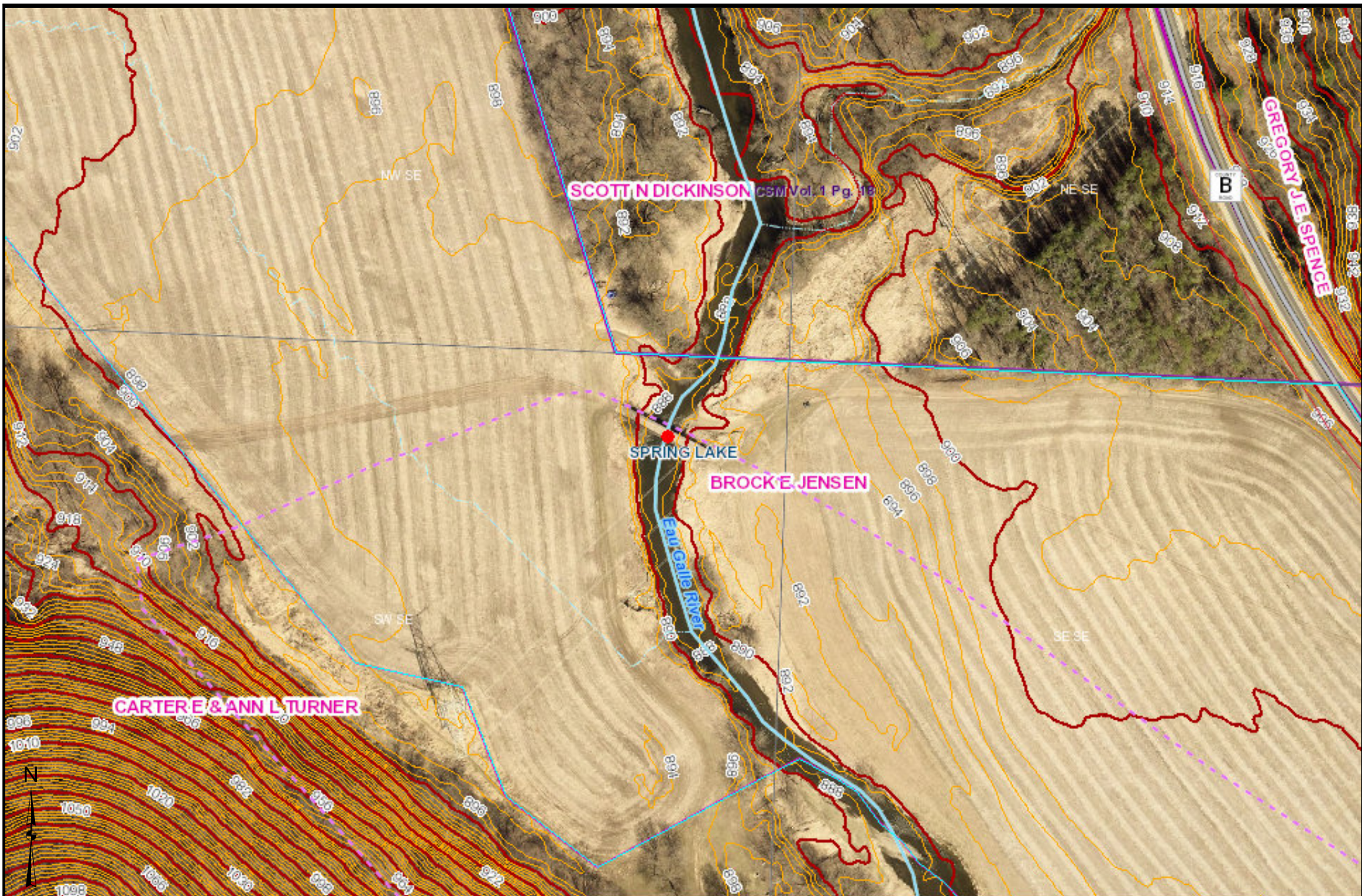
SNARS



- Eligible Detour
- Flagged Road Route
- Funded
- Funded - Long Term Re-Route
- Funded - Short Term Re-Route
- Ineligible road route
- Integral Road Route
- Non-Funded
- Non-Funded - Long Term Re-Route
- Non-Funded - Short Term Re-Route
- Pending Funded
- Road Route

Bridge Location Map





These data are provided on an "AS-IS" basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.

Close up

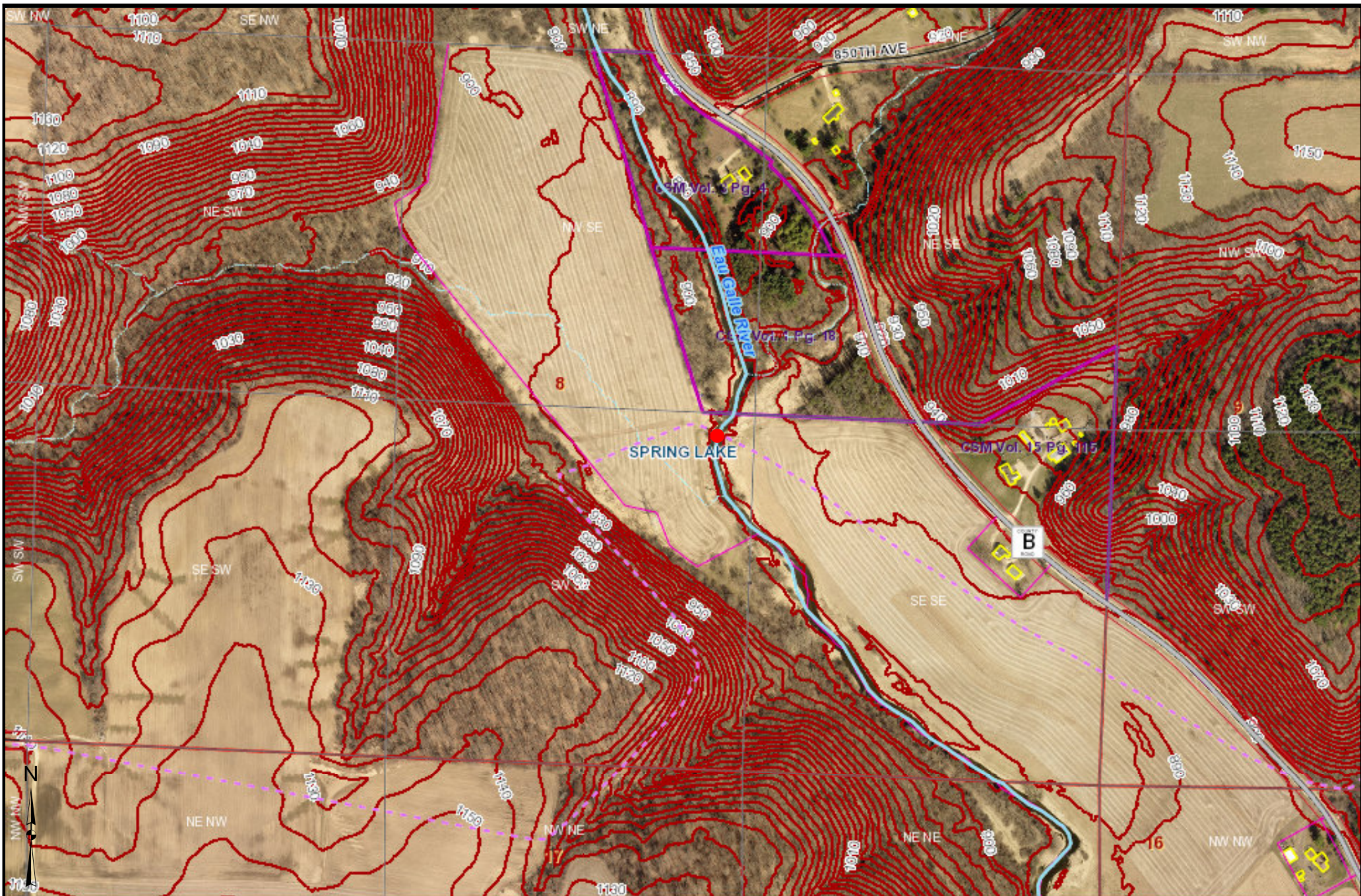
1:1,664

Date: 4/14/2024

Pierce County, WI



This map is not a substitute for accurate field surveys or for locating actual property lines and any adjacent features.

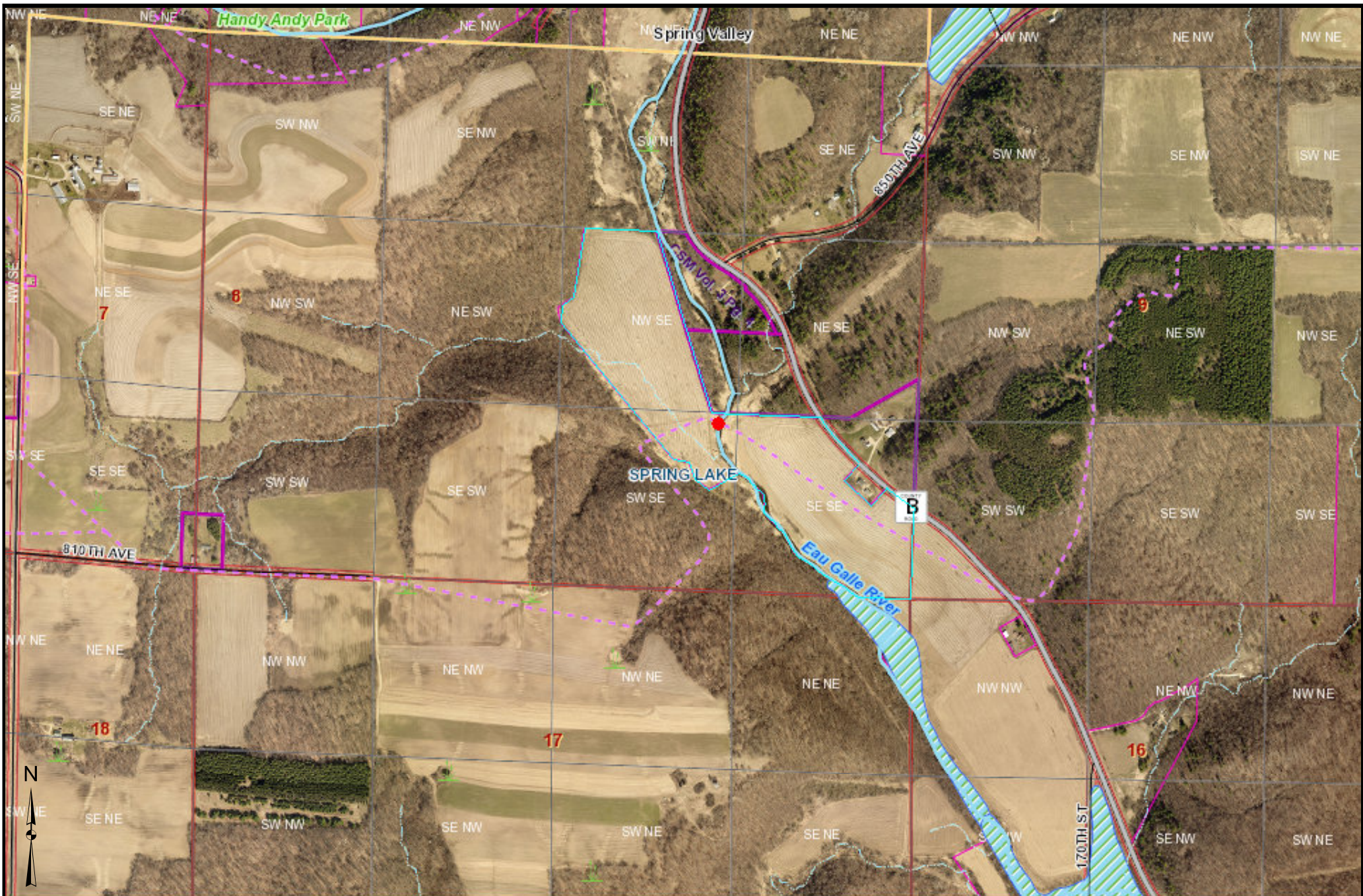


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<h2>Contour Map</h2> <p>Snowmobile Trail is Pink Dashed Line</p>	
1:5,546	Date: 4/15/2024
<small>This map is not a substitute for accurate field surveys or for locating actual property lines and any adjacent features.</small>	

Pierce County, WI





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Aerial Plat and Wetland Map

Trails are pink dashed line, Wetlands are blue areas south of bridge

1:11,092

Date: 4/14/2024

This map is not a substitute for accurate field surveys or for locating actual property lines and any adjacent features.

Pierce County, WI

