

#47 Trempealeau NN Bridge

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

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 Trempealeau 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 Jack Haye			Check Recipient Name (Name to Appear on Check) Trempealeau County Treasurer		
Title Parks and Recreation Coordinator			Title Trempealeau County Treasurer		
Address 18600 Hobson St.			Address 18600 Hobson St.		
City Whitehall	State WI	ZIP Code 54773	City Whitehall	State WI	ZIP Code 54773
Telephone Number (715) 538-1914		Email Address jack.haye@co.trempealeau.wi.us			

Section 2: Project Information Required for all Projects

Project Title Double N Bridge					Current Funded Miles 256.1	New Miles (if applicable)
County Trempealeau	Township 24 N	Range 7	Section 3	¼ ¼ NW	¼ SE	GPS Coordinates: Lat. 44.58782 Long. -91.21214

Project Description Summary
 Trempealeau County, in cooperation with Associated Snowmobile Clubs of Trempealeau County, is applying for bridge funds for a structure in the City of Osseo. The bridge faulty decking that needs to be repaired yearly. We foresee this bridge continuing to have damage and erosion problems, and will not be passable in the near future, especially after heavy snow and rainfall. This bridge is adjacent to a section of the Buffalo River Fishery area and is considered a state corridor trail. Also it is a essential checkpoint to the entrance of Osseo that will affect gas stations and tourism destinations in the City of Osseo.

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

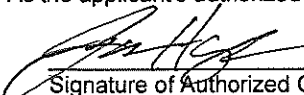
Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$46,575.00		\$46,575.00
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official Jack Haye	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

4/12/2024
 Date Prepared

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

Bridge Rehab/Replace New Bridge Reroute with new bridge

County	Township	Range	Section	¼ ¼	¼	GPS Coordinates:
Trempealeau	24 N	7 <input type="radio"/> E <input checked="" type="radio"/> W	10	NW	SE	Lat. 44.58782 Long. -91.21214
Water Body Name			Bridge Name		County Inventory Number	
North Fork Buffalo River			Double N Bridge		32	
Funded Trail Name or Number (SNARS if applicable)			Has this bridge site ever received development or rehabilitation funds in the past? <input checked="" type="radio"/> Yes <input type="radio"/> No Year: 2010 \$ 849.00			
Corridor 29						
Bridge is located on: <input checked="" type="radio"/> Private property <input type="radio"/> Public property			Old Bridge/Culvert Size		New Bridge/Culvert Size	
			50' x 12'			
Landowner Where Bridge is Located			Telephone Number		Length of Trail Use Agreement (5 year minimum)	
Marie Severson					10 years	
Current maximum load		lbs.	Age of Bridge	Bridge Material		
Proposed maximum load		25,000 lbs.	40 years	Wood		
Sponsoring Club Name			Club Contact		Telephone Number	
Osseo Sno-Drifters			Anthony Larson		(715) 533-3445	
Do you have your trail bridges posted as to maximum load? <input type="radio"/> Yes <input checked="" 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?			Unknown, bridges on the system have received work from the club over 2 years prior			
4,800lbs						
What other recreational trail uses are planned for this bridge?						
ATV and snowmobile- year round use						
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						

- 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

Trempealeau County, in cooperation with Associated Snowmobile Clubs of Trempealeau County, is applying for bridge funds for a structure in the City of Osseo. The bridge faulty decking that needs to be repaired yearly. We foresee this bridge continuing to have damage and erosion problems, and will not be passable in the near future, especially after heavy snow and rainfall. This bridge is adjacent to a section of the Buffalo River Fishery area and is considered a state corridor trail. Also it is a essential checkpoint to the entrance of Osseo that will affect gas stations and tourism destinations in the City.

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:		50' x 12'	_____
Bridge Manufacturer:	Custom Manufacturing	_____	Steen Construction
Design Weight Load		25,000 lbs.	25,000 lbs.
Cost of Structure:	1. Engineering	\$ _____	\$ _____
	2. Structure	\$ REDECKING	\$ REDECKING
	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		\$ 3,000	\$ 2,000
2. Site Preparation		\$ 11,800	\$ _____
3. Abutments		\$ _____	\$ _____
4. Pilings/Piers		\$ _____	\$ _____
5. Approaches		\$ _____	\$ _____
6. Riprap		\$ _____	\$ _____
7. Labor		\$ 3,400	\$ 9,600
8. Equipment Rental		\$ 2,800	\$ 2,550
9. Culverts		\$ _____	\$ 2,000
10. H & H Study		\$ _____	\$ _____
11. Wetland Delineation		\$ _____	\$ _____
12. Other _____		\$ 73,300	\$ 30,425
	Subtotal	\$ 94,300	\$ 46,575
	Total Cost	\$ 94,300	\$ 46,575

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
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Bridge Dimensions:	50' x 12' Wide
Design Weight Load	25,000 lbs.
1. Materials	\$ _____
2. Labor	\$ _____
Total	\$ _____



SC DESIGN / BUILD CONSTRUCTION COMPANY

4.10.24

Estimate for Osseo Sno Drifter's

RE: NN Snowmobile Bridge Redeck

Steen Construction is pleased to submit an estimate to do the following work

1. Demo Existing Railings, Decking and haul away
2. Install new 6" thick wood decking 16' wide
3. Install new railing to match existing
4. Install new basecourse to match up to new deck
5. Existing beams to remain
6. No concrete foundations included

Total Cost \$ 46,575.00

Note: Existing beams to remain. If they are determined to need to be replaced this will be billed as T&M plus 15%

Note: Engineering is an allowance of \$2,000.00



SC DESIGN / BUILD CONSTRUCTION COMPANY

JOB PRICE QUOTE WORKSHEET

NN Snowmobile Bridge	4.10.24
DEMO	\$4,800.00
ENGINEERING ALLOWANCE	\$2,000.00
EXCAVATING AND BACKFILL	\$2,500.00
ROUGH IN DRIVEWAY AND INSTALL BASECOURSE	\$800.00
CONCRETE WORK FOUNDATION	\$0.00
FRAMING LABOR	\$9,600.00
MATERIALS ALLOWANCE	\$16,250.00
CRANE	\$1,800.00
DUMPSTER	\$750.00
EQUIPMENT RENTAL	\$2,000.00
SUBTOTAL	\$40,500.00
OVERHEAD, CONTRACTING, & INS	\$6,075.00
TOTAL	\$46,575.00
HIGHLIGHTED OPTIONS FROM BELOW W/ OVERHEAD	\$0.00
GRAND TOTAL	\$46,575.00



Custom Manufacturing, Inc.

606 Delco Drive, P.O. Box 279
Clinton, WI 53525
608-676-2282 Fax: 608-676-2283
tina@custommfginc.com

Quotation 6467

Please Indicate The Above Number When Ordering

Date: April 4, 2024	Salesperson: Tina Forrest
Inquiry Date:	Inquiry Number

To: Trempealeau County Department of
Land Management
18600 Hobson Street
Whitehall, WI 54773

Estimated Ship Date 8 - 12 weeks	Shipped VIA Best Way	F.O.B Clinton, WI	Terms Net 30		
			Description	Price	Total
			2024 GRANT APPLICATION ESTIMATE Double N		
1			50' Arched Bridge x 12' Wide - 25,000# Load Double Decked - 42" Horizontal Railing - Hardware On 2 sets of Galvanized Sill Pans	\$ 73,300.00	
			Stamped Engineered Drawings	3,000.00	
			Installation & Site Preparation	11,800.00	
			Equipment Rental	2,800.00	
			Removal & Disposal of Existing Bridge	2,200.00	
			Delivery Charges	1,200.00	
			Total		\$ 94,300.00
			The above prices do not include sales tax or any necessary permits.		
			Bridge kit includes all Steel I-Beams and Crossmembers, which are predrilled and have a red oxide primer finish, MCA Southern Yellow Pine treated lumber and all hardware. All lumber is Pre-Stained.		
			Bridge Kit Meets - WI DNR Guidelines - 25,000# Load		

We are pleased to submit the above quotation for your consideration. Should you place an order, be assured it will receive our prompt attention. This quotation is valid for 30 days. Thereafter it is subject to change without notice.

BY: Tina Forrest

ACCEPTED: _____

DATE: _____

Double N Bridge
(Cty NN) - Osseo

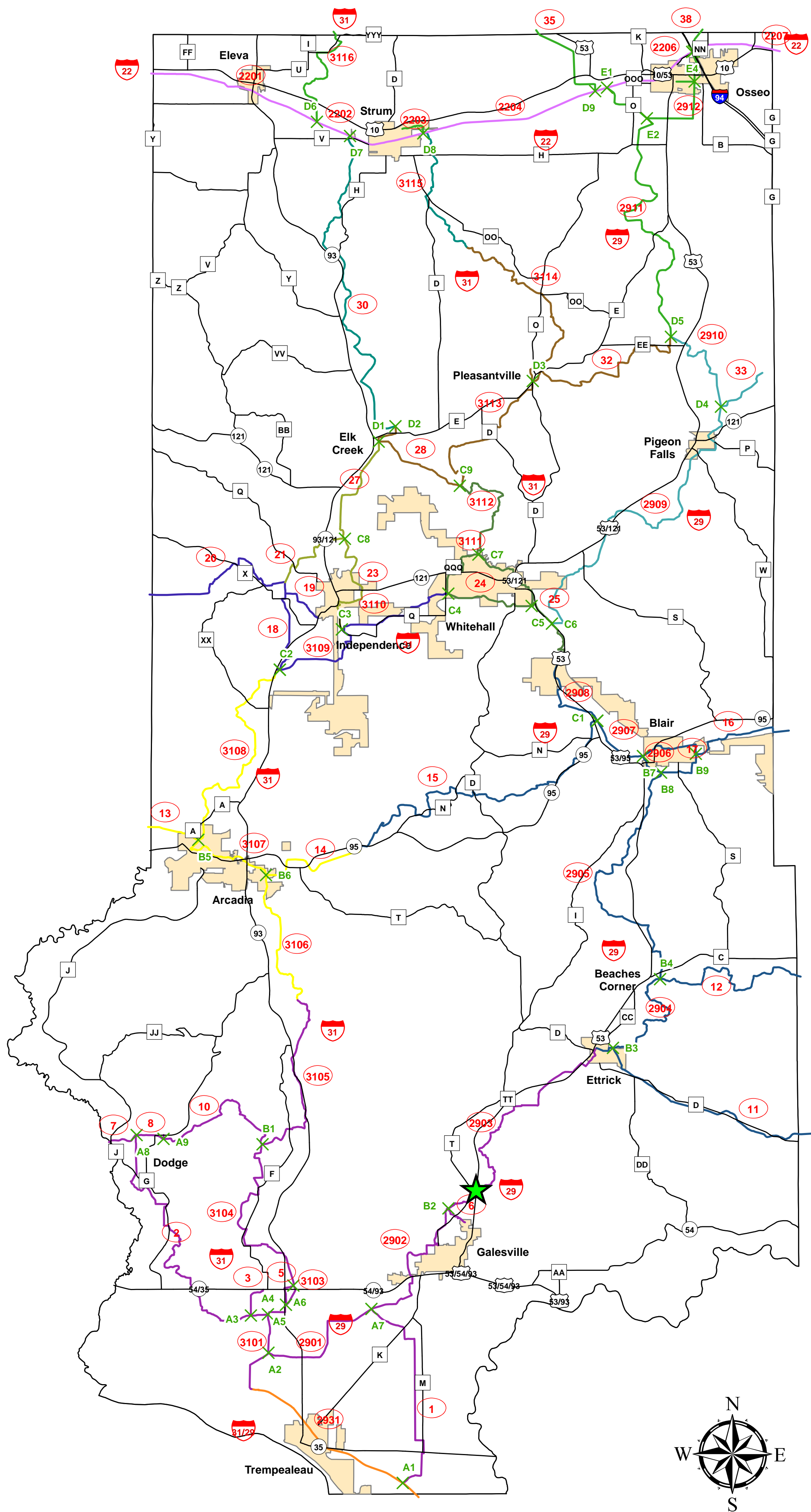
Guidelines for Applicant

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</u> of that trail to the nearest road on each side of the bridge	5	
	3-9 year deeded easement on private land or other public land, for <u>all portions</u> of that trail to the nearest road 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	
	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	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)		
	1.9mi		
	Less than 20 miles	1	
	20 miles or more	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			12

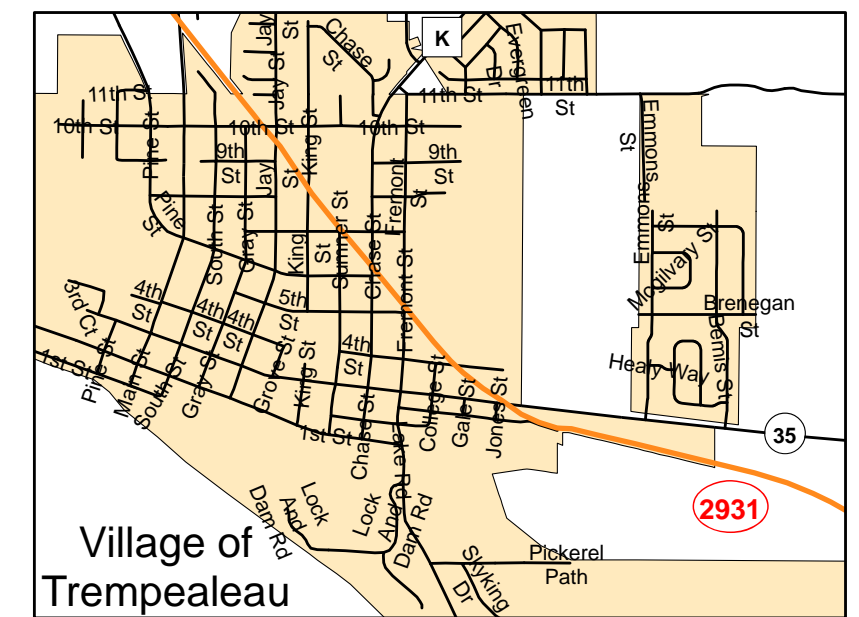
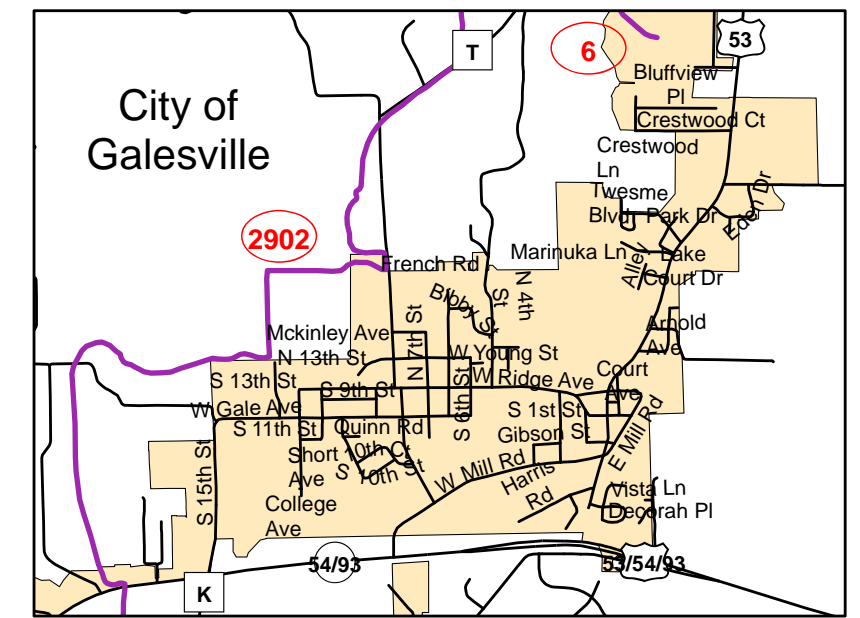
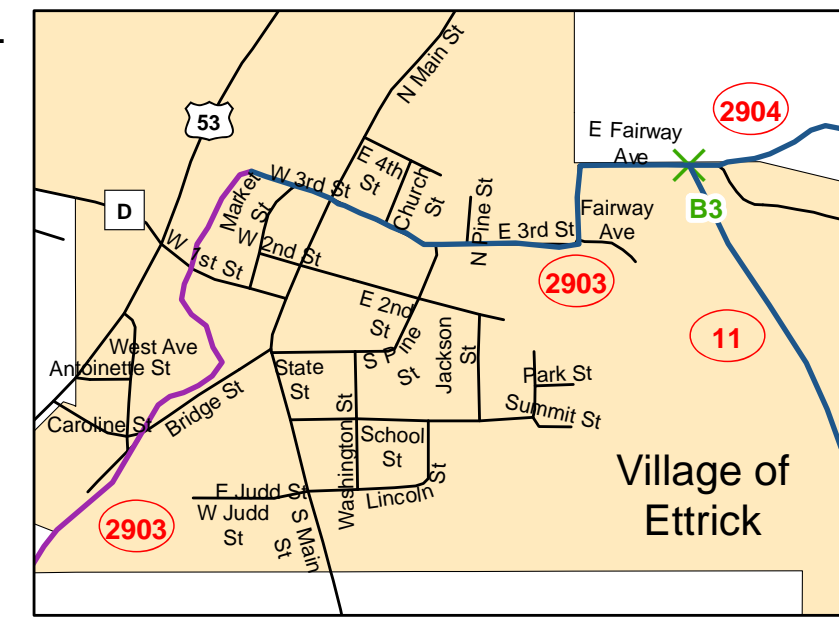
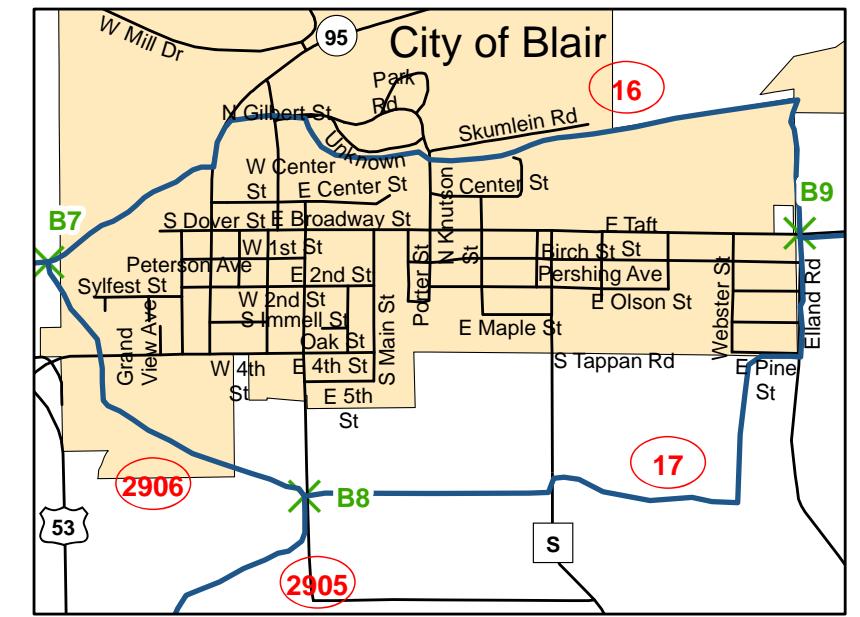
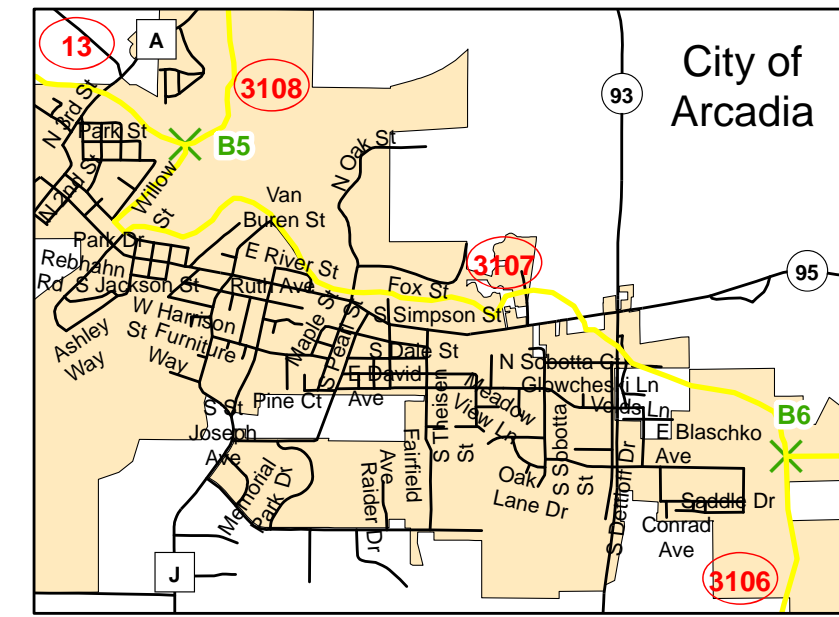
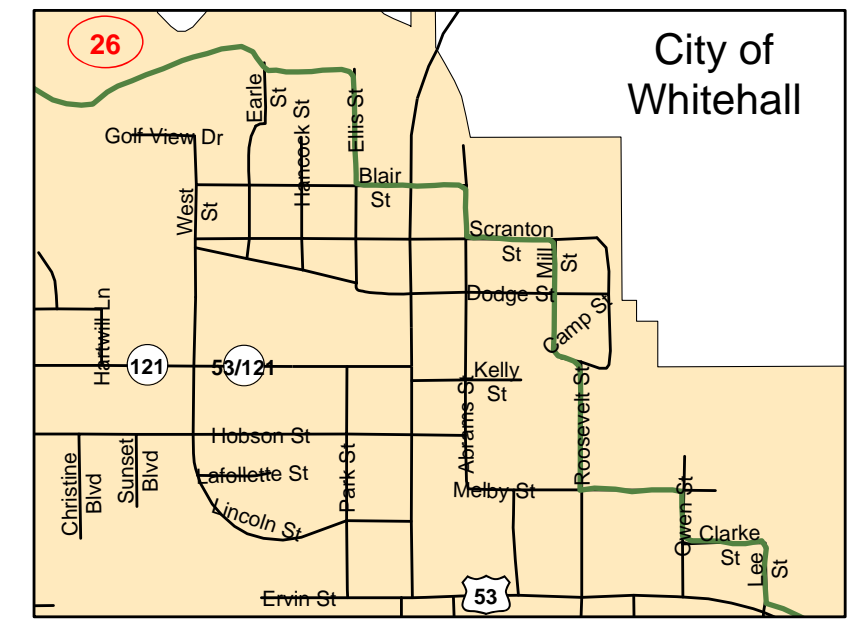
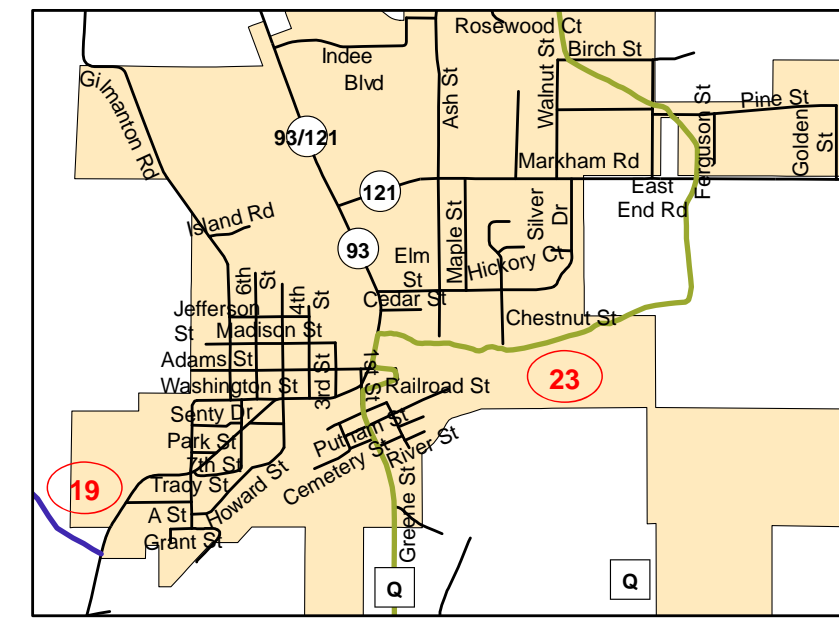
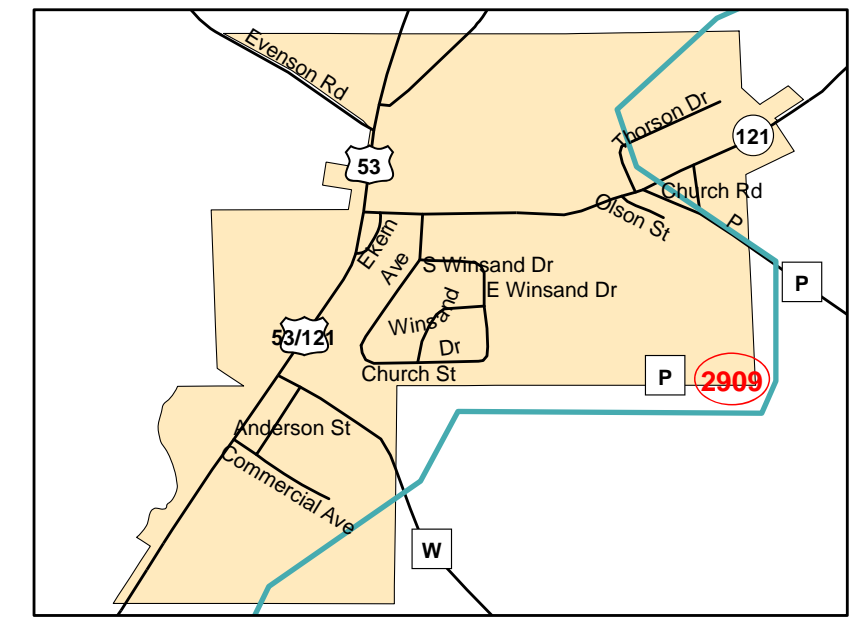
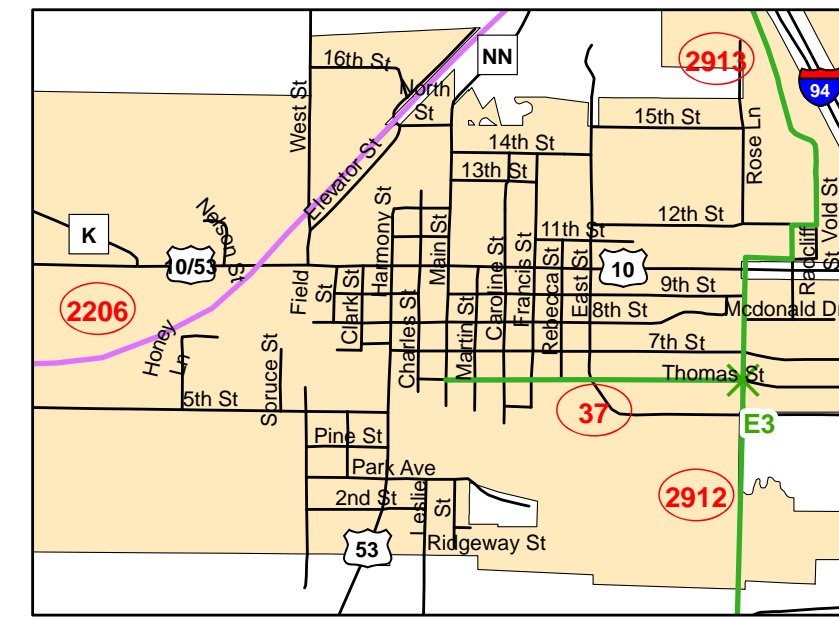
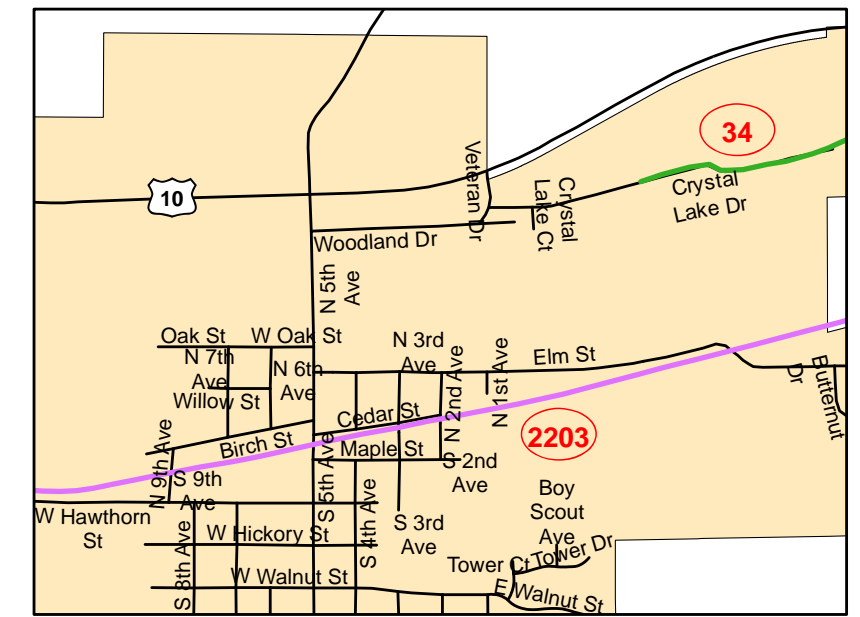
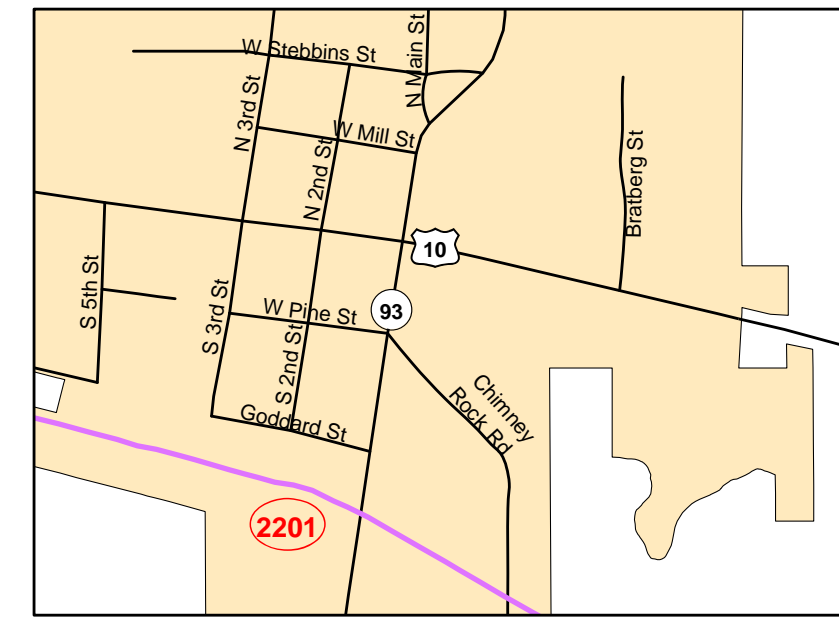
Comments/Notes:

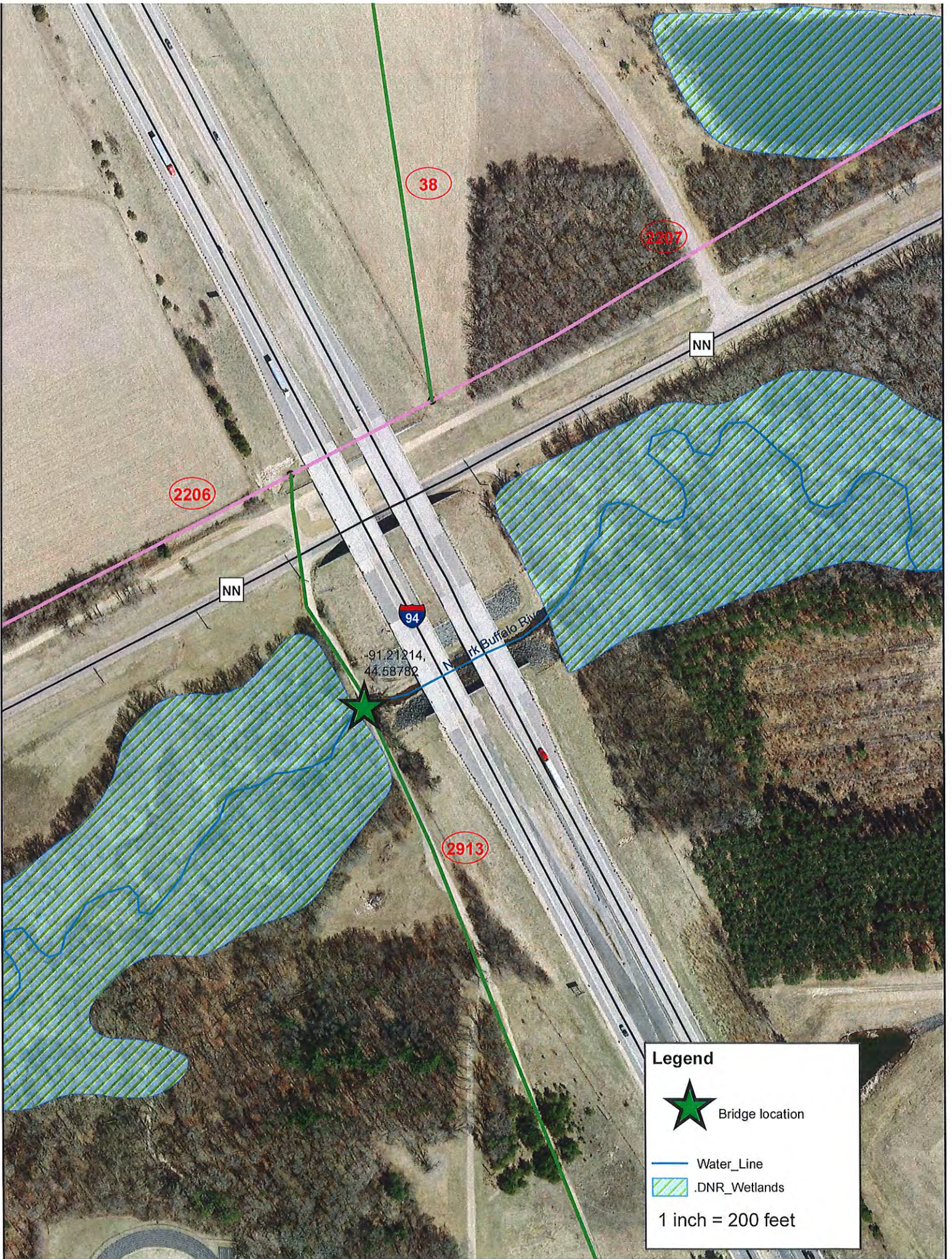
Trempealeau County Snowmobile Trails



Legend

- Bridge to be replaced
- Trail Intersections
- Roads
- Snowmobile Trails**
- ARCADIA
- BUFFALO RIVER STATE TRAIL
- ELEVA-STRUM
- ELK CREEK
- G-E-T
- GREAT RIVER STATE TRAIL
- INDEPENDENCE
- J-T RIDGE RUNNERS
- OSSEO
- PIGEON
- PLEASANTVILLE
- WHITEHALL
- Corporated Limits
- Trail Number
- State Corridor





38

2207

NN

2206

NN

94

-91.21214,
44.68782

2913

Legend

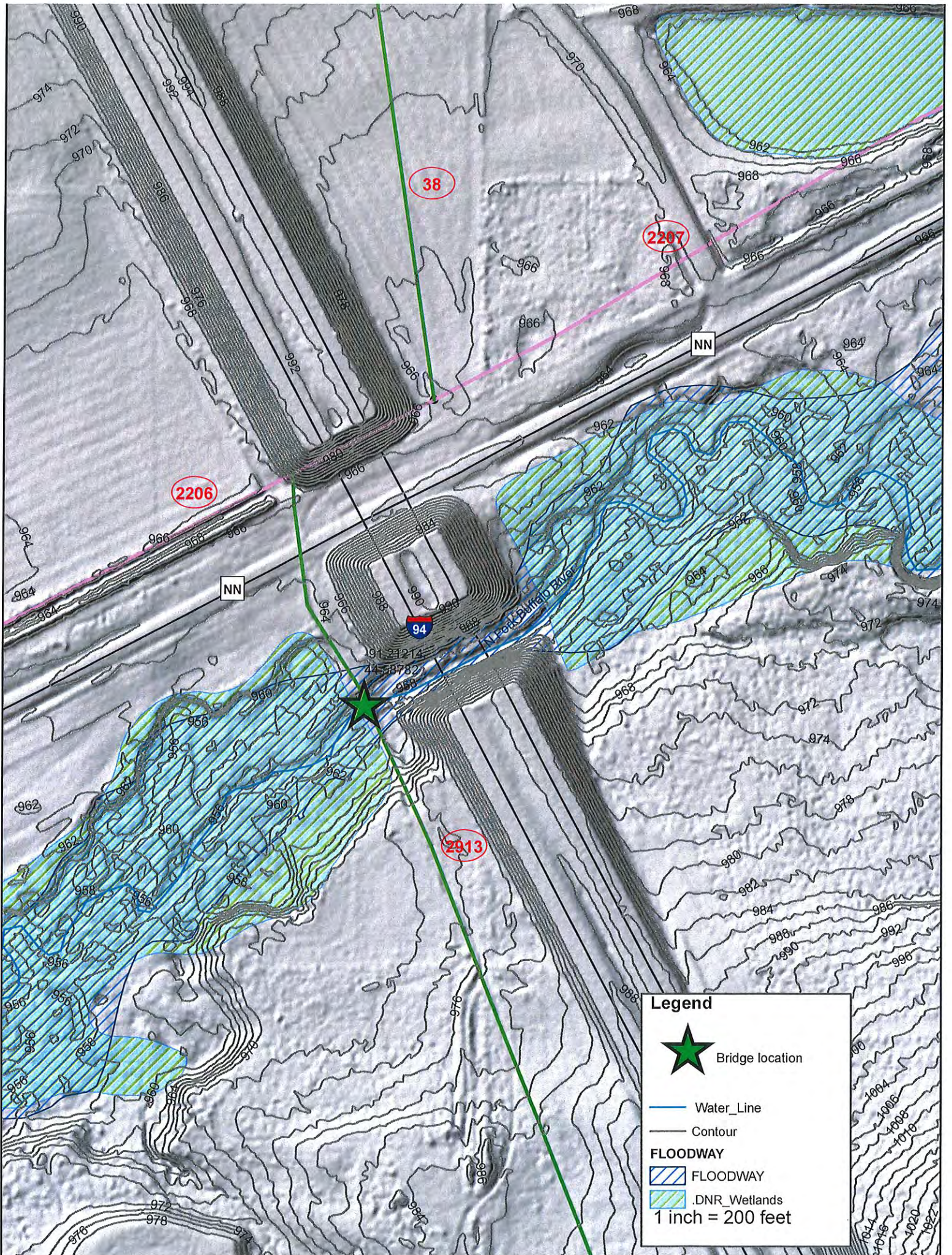


Bridge location

Water_Line

.DNR_Wetlands

1 inch = 200 feet



38

2207

2206

2913

NN

NN

94

Legend



Bridge location

Water_Line

Contour

FLOODWAY

FLOODWAY

.DNR_Wetlands

1 inch = 200 feet









LAND USE AGREEMENT

TO WHOM IT MAY CONCERN:

This is to certify that Trempealeau County through its duly authorized representative, and operational department, and hereinafter named the Permittee, is hereby authorized and permitted by Marian Severson, hereinafter named the Owner, to enter upon and use the following described land 160 Rods or 1 Acre, Section 10, T 24 N, R 07 W, City, Village, or Township of Osgood, for the purpose of locating, constructing, and maintaining public snowmobile trail approximately 10 feet wide, on a one-rod wide right-of-way, including the installation of directional and informational signs, culverts, and/or bridges necessary to accomplish the intended use.

This permit shall be in effect on a continuous basis, but public use thereof shall be restricted to the period between December 1st of any year and April 1st the following year. This permit may be terminated, for just cause, by either party upon thirty (30) days written notice between April 1st and October 1st of the same year, but not until after one public use period of the intended use is completed.

It is understood by the Owner and the Permittee that this is subject to the following conditions:

1. The permit is non-transferable.
2. This permit shall be effective upon signing by both parties. Before locating the trail or making improvements or changes on the property, the Owner shall be notified of the plans and be given an opportunity to comment on the plan. Improvements will be done in such a way as to minimize erosion and any impact on the Owners use of the land.
3. The Permittee shall maintain the right-of-way, under permit, in a safe condition during the period of public use heretofore stated and shall be permitted and authorized to place signs along the trail in accordance with state funded trail standards.

4. The Permittee agrees to protect, indemnify, and save harmless the Owner, its agents and employees, from and against any and all Claims, demands, suits, liability and expense, by reason of loss or damage to any property or bodily injury to any person whatsoever, that may arise from the construction and placement of objects on the described lands and from the maintenance or use of the described lands.
5. Additional conditions specifically pertinent to this agreed land use will be valid if enumerated in the space provided between this condition and the closing signatures. Every such additional condition will be initialed by the Permittee and the Owner.
6. All slash and brush will be disposed of at the direction of the Owner.

PERMITTEE:

Club

OSSEO Sno Drifters
Snowmobile Club

Anthony La
Signature of Snowmobile Club Rep.

4/6/24
Date

OWNER:

MARIAN SEVERSON
Marian Severson
Print Name of Landowner

Marian Severson
Signature of Landowner

4-06-24
Date

County - Trempealeau

[Signature]
Signature

County Coordinator
Title

4/9/24
Date

****This form will be kept on file in the County Clerk's Office****

Bridge Inspection Report for:
Department of Land Management, Trempealeau County, WI
CTH NN & I-94 Snowmobile Bridge

Bridge Inspection Date: June 10, 2024

Bridge Inspectors:

Jack R. Dittmar, WisDOT Certified Inspector #5503 & Jack M. Dittmar, Team Member

Bridge Location:

Coordinates: 44.58782, -91.21214

Physical Location: South of CTH NN along west side of Interstate 94

Waterway Crossing: North Fork Buffalo River

Bridge Geometry (see typical section):

Bridge Length: 31.5'

Bridge Width: 10'

Bridge Type: Double 15"x5" Steel I Beams with timber plank deck

Bridge Age: Unknown

Bridge Condition (see photos – 2 pages):

Deck: The timber decking is 31' 3" by mostly 12" boards clipped to the top flange of the steel girders. The decking is very worn with some uneven longitudinal movement of boards creating 1"+ gaps between some planks. All plank are significantly worn in the center from snowmobile track studs. Currently, one plank is broken, two have been temporarily repaired with treated 2x4s underneath and most are significantly weakened from loss of thickness. Worst damage is on the south end of bridge. The bridge railings attached to the ends of longer deck plank are very loose with some repaired damage.

Superstructure: The steel I beams are significantly rusted with pack rusting on the top and bottom flanges and pit rusting throughout. There is no protective coating on the beams. Two steel diaphragms hold the I beams together and one diaphragm has holes completely through it.

Substructure: The main substructure is four timber piling (one at each end of the I beams) with "L" notches cut in the top for the I beams to rest on. The pilings are in good shape. Since the abutments are simply the pilings supporting the I beams, there isn't a solid transition from the gravel trail to the bridge deck. The trail gravel erodes

Bridge Inspection Report for:
Department of Land Management, Trempealeau County, WI
CTH NN & I-94 Snowmobile Bridge

down under the deck planks at each end of the bridge and eventually into the river during floods. A single wood plank retaining wall is located between the timber piling and the river but they aren't retaining much fill or rock located underneath the ends of the deck. One of the retaining planks is almost broke in two. There isn't enough large riprap under the bridge to protect the trail and bank during floods.

Channel: The channel makes a gentle bend through the bridge. The banks are steep underneath and around the bridge, but mostly well vegetated. Two dead trees are laying in the creek immediately upstream of the bridge and will cause issues with bridge integrity during floods if left in place.

National Bridge Inspection (NBI) Ratings:

(9-7 Good, 6-5 Fair, 4-3 Poor, 2-1 Critical, 0 Closed)

Deck – 3

Superstructure – 6

OVERALL CONDITION = FAIR

Substructure – 5

Channel – 6

Bridge Maintenance Items & Recommendations:

Recommended maintenance is complete bridge rehabilitation consisting of removing the existing deck, installing a solid abutment around the timber pilings, riprapping the river bank underneath the bridge, cleaning and painting the steel I beams, and installing a new deck and railings.

Depending on rehabilitation costs, complete bridge replacement may be more economical and/or provide a lower long term annual cost.

Please contact me if you have any questions or need any other information.



Jack R. Dittmar, P.E.

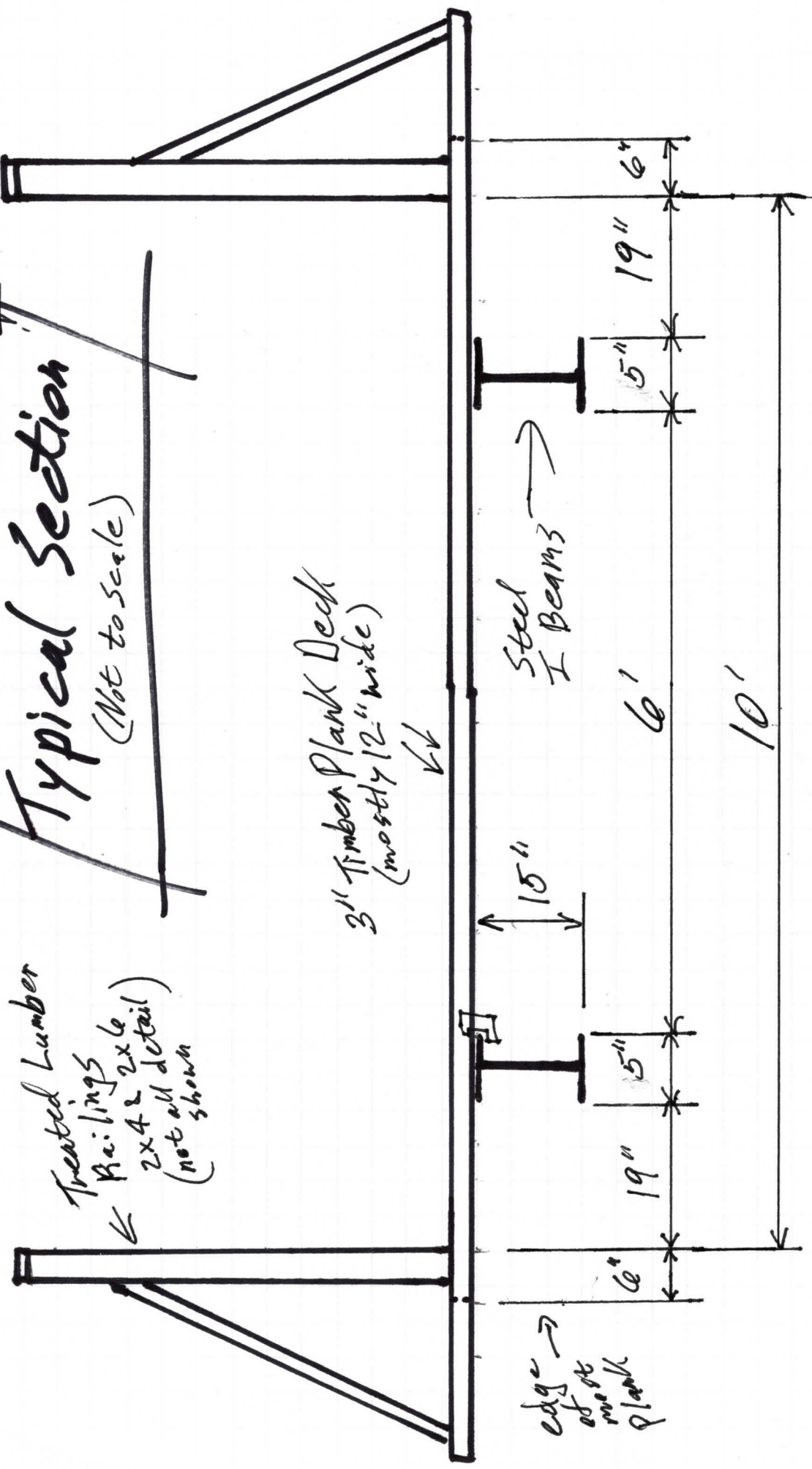
BCDServices2024@gmail.com

(715) 896-4570



CTH NN & I-94 Snowmobile Bridge

Typical Section (Not to Scale)



06/24/24

BCD Services, LLC

CTH NN & I-94 Snowmobile Bridge Photos



North End of Deck looking to South



Bridge Profile Looking Downstream to West



North Abutment & Retaining Wall



South End of Deck looking to North



North I Beam Diaphragm with metal section loss & Holes

CTH NN & I-94 Snowmobile Bridge Photos



Deck Plank Wear looking to South at South end



South Abutment & Retaining Wall



Timber Plank Gaps Looking Upstream to East



South Abutment Retaining Wall