

#23 Burnett North Fork Bridge Rehab

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

Motorized Recreation Grant Application

For: (choose all that apply)

Form 8700-159 (R 04/22)

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 Burnett County Forest & Parks			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 Susan Tollander			Check Recipient Name (Name to Appear on Check) Susan Tollander		
Title Recreation Coordinator			Title Recreation Coordinator		
Address 8150 State Rd 70			Address 8150 State Rd 70		
City Siren	State WI	ZIP Code 54872	City Siren	State WI	ZIP Code 54872
Telephone Number (715) 349-2157		Email Address stollander@burnettcounty.org			

Section 2: Project Information Required for all Projects

Project Title Trail 45 North Fork Bridge Rehabilitation					Current Funded Miles 262.4	New Miles (if applicable)
County Burnett	Township 39 N	Range 18	Section 28	¼ ¼ SE NE	¼ NE	GPS Coordinates: Lat. 45.840273 Long. -92.592046

Project Description Summary

Burnett County is requesting funding for a bridge rehabilitation project on Snowmobile/Winter ATV Corridor Trail 45 in western Burnett County. The North Fork Flowage bridge was installed in 2004, is 40' x 12', and rated for 12,000 pounds. The bridge was placed on existing abutments in 2004, and the age of them is unknown. The abutments are now starting to fail, and erosion is occurring around them. We propose replacing this bridge with a new, 60' bridge on new abutments. The longer length is a better option for this site, and combined with new abutments will resolve the erosion issues that are currently occurring. This segment of Trail 45 runs through Crex Meadows State Wildlife Area and is an important corridor connecting Grantsburg to Danbury.

COST ESTIMATE: \$82,000

Snowmobile Request: \$8,200 ATV Request: \$8,200 RTP Request: \$65,600

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

Estimated Cost

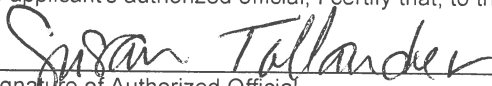
Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$16,400.00		\$16,400.00

Leave Blank – DNR Use Only

Applicant Certification

Printed Name of Authorized Official Susan Tollander	Official's Title Recreation Coordinator
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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

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

Bridge Rehab/Replace New Bridge Reroute with new bridge

County Burnett	Township 39 N	Range 18	<input type="radio"/> E <input checked="" type="radio"/> W	Section 28	¼ ¼ SE	¼ NE	GPS Coordinates: Lat. 45.840273 Long. -92.592046
Water Body Name North Fork Flowage				Bridge Name North Fork Flowage Bridge		County Inventory Number BURNETT-13	
Funded Trail Name or Number (SNARS if applicable) Corridor Trail 45				Has this bridge site ever received development or rehabilitation funds in the past? <input checked="" type="radio"/> Yes <input type="radio"/> No Year: 2004 \$ 14,200.00			
Bridge is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property				Old Bridge/Culvert Size 40'x12'		New Bridge/Culvert Size 60'x12'	
Landowner Where Bridge is Located Wisconsin DNR				Telephone Number (715) 463-2739		Length of Trail Use Agreement (5 year minimum)	
Current maximum load 12,000 lbs.		Age of Bridge 19 years		Bridge Material Steel frame, wood decking			
Proposed maximum load 25,000 lbs.							
Sponsoring Club Name Burnett County Snow Trails Association				Club Contact Danny Carlson		Telephone Number (715) 566-0177	
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 lbs			
What is the weight of your puller & drag/grading equipment? 14,000 lbs							
What other recreational trail uses are planned for this bridge? No other recreational trail uses							
If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users?							

- 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

Burnett County is requesting funding for a bridge rehabilitation project on Snowmobile/Winter ATV Corridor Trail 45 in western Burnett County. The North Fork Flowage bridge was installed in 2004, is 40' x 12', and rated for 12,000 pounds. The bridge was placed on existing abutments in 2004, and the age of them is unknown. The abutments are now starting to fail, and erosion is occurring around them. We propose replacing this bridge with a new, 60' bridge on new abutments. The longer length is a better option for this site, and combined with new abutments will resolve the erosion issues that are currently occurring. Rehabilitation of the bridge has been requested by the DNR Property Manager and the snowmobile club. This segment of Trail 45 runs through Crex Meadows State Wildlife Area and is an important corridor connecting Grantsburg to Danbury.

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

Quote 1

Steel Wooden

60' x 12'

Eby's Portable Welding & Fabrication

25,000 lbs.

Bridge Dimensions:

Bridge Manufacturer:

Design Weight Load

Cost of Structure:

1. Engineering

\$ 1,000

2. Structure

\$ 64,600

Subtotal \$ 65,600

Quote 2

Steel Wooden

60' x 12'

Anderson Bridges

25,000 lbs.

\$ 4,000

\$ 63,000

\$ 67,000

Quote 1

Contractor or Sponsor Estimate

Quote 2

Contractor or Sponsor Estimate

Installation Costs:

1. Engineering

\$ 1,000

2. Site Preparation

\$ 3,000

3. Abutments

\$ 3,000

4. Pilings/Piers

\$

5. Approaches

\$

6. Riprap

\$

7. Labor

\$ 7,400

8. Equipment Rental

\$

9. Culverts

\$

10. H & H Study

\$

11. Wetland Delineation

\$

12. Other Remove existing bridge

\$ 2,000

Subtotal \$ 16,400

Total Cost \$ 82,000

\$

\$ 5,000

\$ 10,000

\$

\$

\$ 2,000

\$ 5,000

\$

\$

\$

\$

\$ 5,000

\$ 27,000

\$ 94,000

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

1. Materials

\$

2. Labor

\$

Total \$

Tollander, Susan

From: Jeffery Eby <ebyswelding@yahoo.com>
Sent: Thursday, April 27, 2023 4:10 PM
To: Tollander, Susan
Subject: Re: Request for Bridge Estimates

Hi Susan,

Sorry I didn't get back to you sooner. To remove the existing bridge and abutments, disposing of the abutment material and hauling the bridge back to your shop at 8150 State Rd 70, Siren? \$ 2,000.00 is what I am estimating

Thank you

EBYS PORTABLE WELDING & FABRICATION

*JEFFERY A EBY
N5188 COUNTY ROAD B
GLEN FLORA, WI 54526
715-415-2247
EBYSWELDING@YAHOO.COM*

On Friday, April 21, 2023, 01:12:50 PM CDT, Tollander, Susan <stollander@burnettcounty.org> wrote:

Hi Jeff,

One more question –

How much additional cost would there be for you to remove the existing bridge and abutments, disposing of the abutment material and hauling the bridge back to our shop at 8150 State Rd 70, Siren?

Thank you,

Susie

Susan Tollander

Forest Recreation Coordinator

Burnett County Forest & Parks

8150 State Rd 70

Siren, WI 54872

715-349-2157

From: Jeffery Eby <ebyswelding@yahoo.com>
Sent: Friday, April 21, 2023 10:27 AM
To: Tollander, Susan <stollander@burnettcounty.org>
Subject: Re: Request for Bridge Estimates

Hi Good morning

Yes they are including in the estimate

Wood seal beam

Please

Let me know if you need anything else

*EBYS PORTABLE WELDING &
FABRICATION*

JEFFERY A EBY

N5188 COUNTY ROAD B

GLEN FLORA, WI 54526

715-415-2247

EBYSWELDING@YAHOO.COM

On Friday, April 21, 2023, 09:05:49 AM CDT, Tollander, Susan <stollander@burnettcounty.org> wrote:

Hi Jeff,

Does this estimate include pricing for all new abutments, and if so, what type of materials will be used for the abutments?

Thank you,

Susie

Susan Tollander

Forest Recreation Coordinator

Burnett County Forest & Parks

8150 State Rd 70

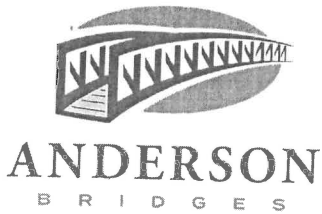
Siren, WI 54872

715-349-2157

From: Jeffery Eby <ebyswelding@yahoo.com>
Sent: Wednesday, April 12, 2023 9:15 AM
To: Tollander, Susan <stollander@burnettcounty.org>
Subject: Re: Request for Bridge Estimates

Hi Good Morning

below is the 60x12 estimate for North Fork Flowage



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

PROPOSAL

April 10, 2023

To: Burnett County Snowmobile Trail Administrator

Re: North Fork Flowage Snowmobile Bridge Budget

- 1 - **60' 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 piling abutments**
 - Loads: **85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load**
 - FOB: **Burnett County, WI**
 - Engineered Drawings State Seal: **Wisconsin**

Price-----		-----\$89,000
•	Structure (Steel Truss)	\$63,000
•	Engineering	\$4,000
•	Soil Testing	\$0
•	Site Prep	\$5,000
•	Abutments	\$10,000
•	Labor	\$5,000
•	Rip Rap	\$2,000

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

Please call with any questions.

Thank you,

Kory S. Weathers

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

Quote 1

Steel Wooden

Quote 2

Steel Wooden

Bridge Dimensions: 60x12

Bridge Manufacturer: Eby's Portable Welding

Design Weight Load 20,000 lbs.

Cost of Structure:	1. Engineering	\$ <u>1,000.00</u>	\$ _____
	2. Structure	\$ <u>64,600.00</u>	\$ _____
	Subtotal	\$ <u>65,600.00</u>	\$ _____

Quote 1

Contractor or Sponsor
Estimate

Quote 2

Contractor or Sponsor
Estimate

Installation Costs:

1. Engineering	\$ <u>1,000.00</u>	\$ _____
2. Site Preparation	\$ <u>3,000.00</u>	\$ _____
3. Abutments	\$ <u>3,000.00</u>	\$ _____
4. Pilings/Piers	\$ _____	\$ _____
5. Approaches	\$ _____	\$ _____
6. Riprap	\$ _____	\$ _____
7. Labor	\$ <u>7,400</u>	\$ _____
8. Equipment Rental	\$ _____	\$ _____
9. Culverts	\$ _____	\$ _____
10. H & H Study	\$ _____	\$ _____
11. Wetland Delineation	\$ _____	\$ _____
12. Other _____	\$ _____	\$ _____
Subtotal	\$ _____	\$ _____
Total Cost	\$ <u>80,000.00</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	\$ _____ 0

Tollander, Susan

From: Kory Weathers <kory@andersonbridges.com>
Sent: Monday, April 24, 2023 9:14 AM
To: Tollander, Susan
Subject: RE: Request for Bridge Estimates

If we were to do all the demolition and disposal as part of installing a new bridge, we would add \$5,000 to the project.

If we were to do all the demolition and disposal as a stand-alone project, the cost would be \$15,000.

Let me know if you need anything else.

Thank you,

Kory S. Weathers, Principal
Anderson Bridges LLC
111 Willow Street
Colfax, WI 54730
715-962-2800
715-962-2801 (fax)
www.andersonbridges.com

From: Tollander, Susan <stollander@burnettcounty.org>
Sent: Friday, April 21, 2023 1:19 PM
To: Kory Weathers <kory@andersonbridges.com>
Subject: RE: Request for Bridge Estimates

Hi Kory,

One more question about the North Fork bridge project –

How much additional cost would there be for you to remove the existing bridge, pilings, and abutments, disposing of the pilings/abutment material and hauling the bridge back to our shop at 8150 State Rd 70, Siren?

Thank you,
Susie

Susan Tollander
Forest Recreation Coordinator
Burnett County Forest & Parks
8150 State Rd 70
Siren, WI 54872
715-349-2157

From: Kory Weathers <kory@andersonbridges.com>
Sent: Monday, April 10, 2023 2:51 PM
To: Tollander, Susan <stollander@burnettcounty.org>

Cc: Ashley Anderson <ashley@andersonbridges.com>

Subject: RE: Request for Bridge Estimates

Susie,

I think Ashley may have gotten some projects mixed up when we did the North Fork Flowage. He asked me to revise that proposal to a 60' bridge so that he can extend the bridge 10' beyond the failing abutments on each side. I've attached the 60' budget proposal here. He is not interested in quoting the rehabilitation of this bridge due to the site conditions.

For the Whiskey Creek bridge, I have attached a proposal for the rehabilitation as requested.

Please feel free to contact Ashley if you need to discuss further (715-210-6920).

Thank you,

Kory S. Weathers, Principal
Anderson Bridges LLC
111 Willow Street
Colfax, WI 54730
715-962-2800
715-962-2801 (fax)
www.andersonbridges.com

From: Tollander, Susan <stollander@burnettcounty.org>

Sent: Friday, March 31, 2023 4:12 PM

To: Kory Weathers <kory@andersonbridges.com>

Subject: RE: Request for Bridge Estimates

Hi Kory,

I would also like to request another estimate for the North Fork Flowage bridge. Will you please send an estimate to keep the existing bridge, but increase the load rating to 25,000 lbs, replace the deck, and complete necessary repair work to the abutments/pilings?

Thank you,

Susie

Susan Tollander

Forest Recreation Coordinator
Burnett County Forest & Parks
8150 State Rd 70
Siren, WI 54872
715-349-2157

From: Kory Weathers <kory@andersonbridges.com>

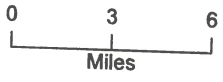
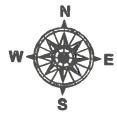
Sent: Tuesday, March 21, 2023 10:55 AM

To: Tollander, Susan <stollander@burnettcounty.org>

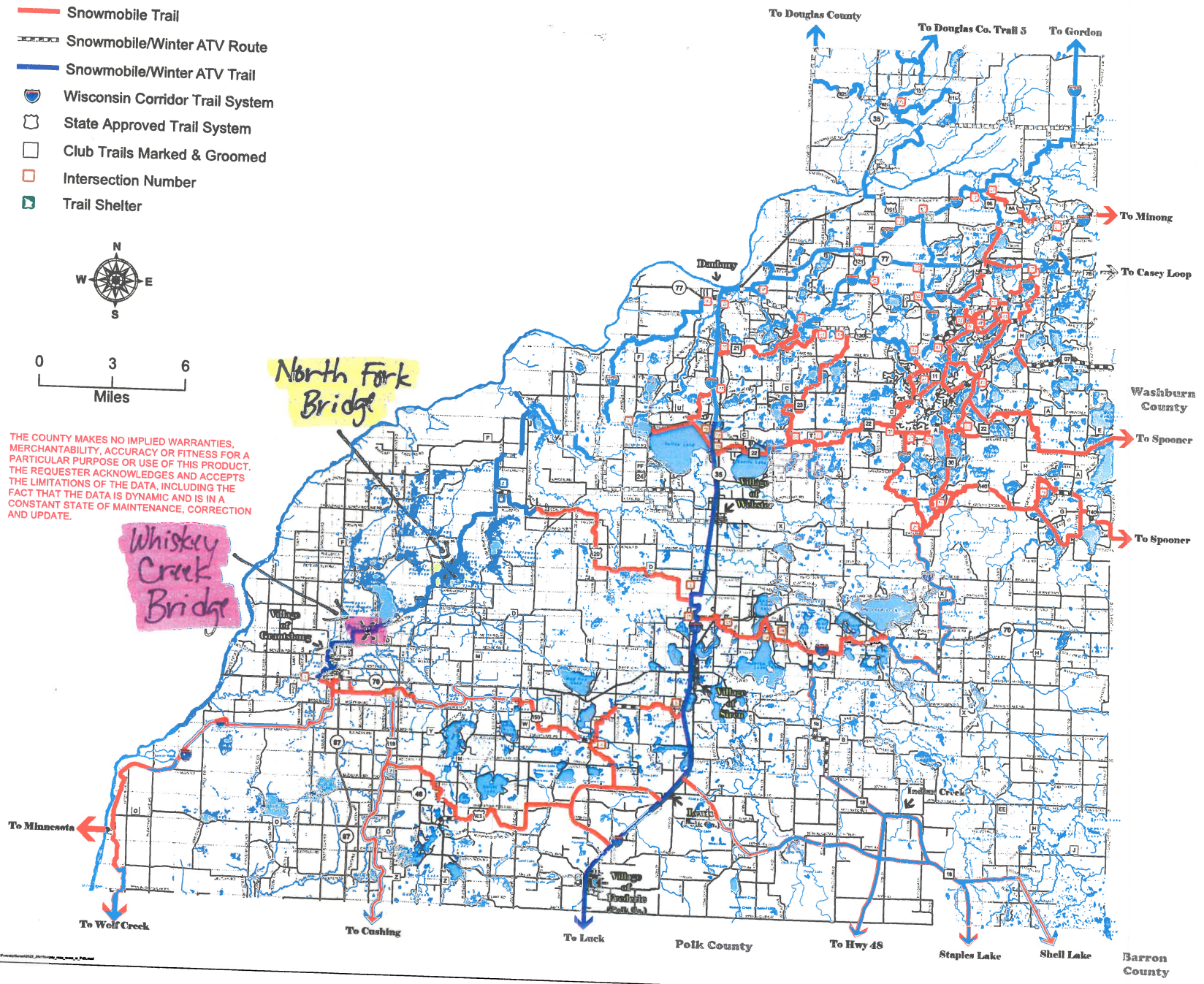
Subject: RE: Request for Bridge Estimates

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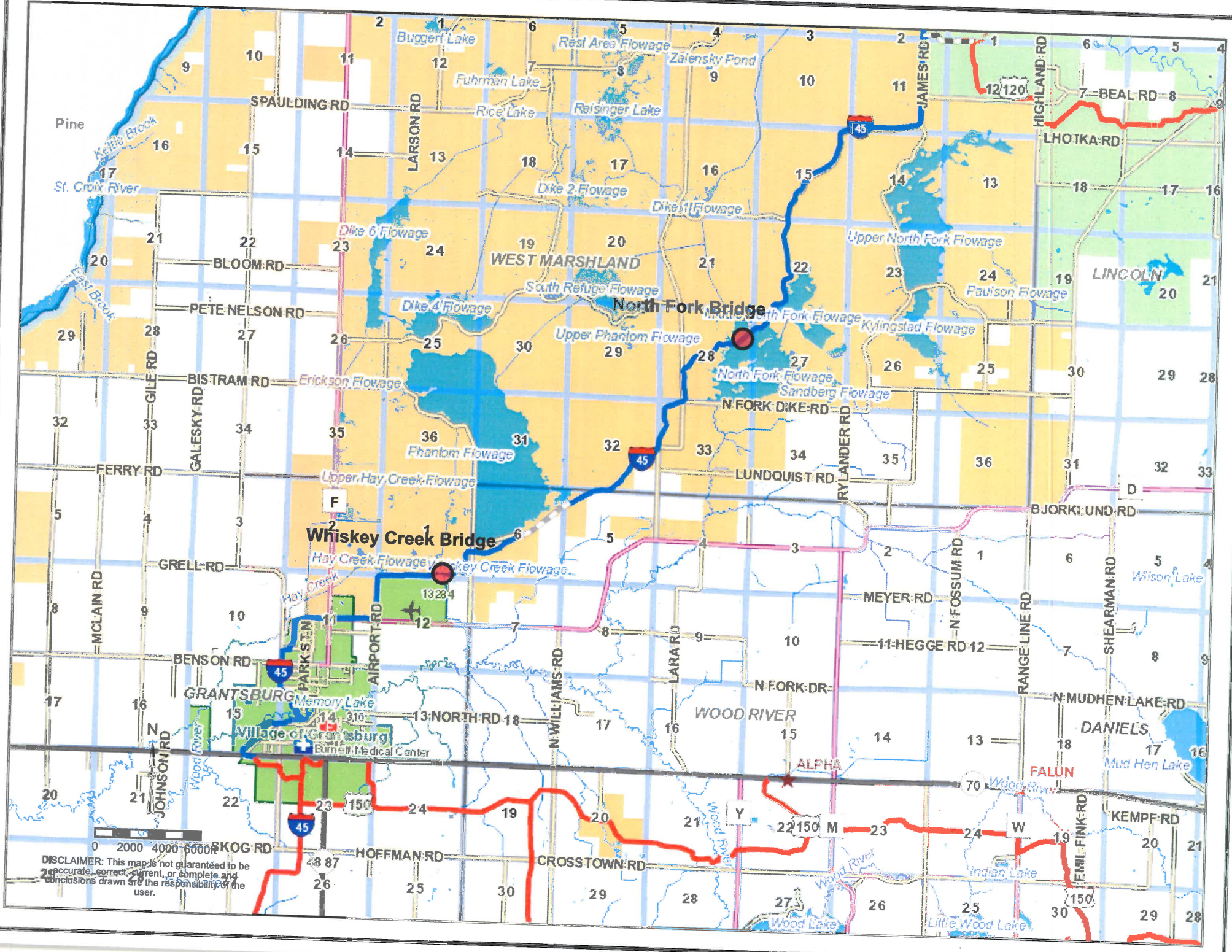
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- Snowmobile Trail
- Snowmobile/Winter ATV Route
- Snowmobile/Winter ATV Trail
- Wisconsin Corridor Trail System
- State Approved Trail System
- Club Trails Marked & Groomed
- Intersection Number
- Trail Shelter



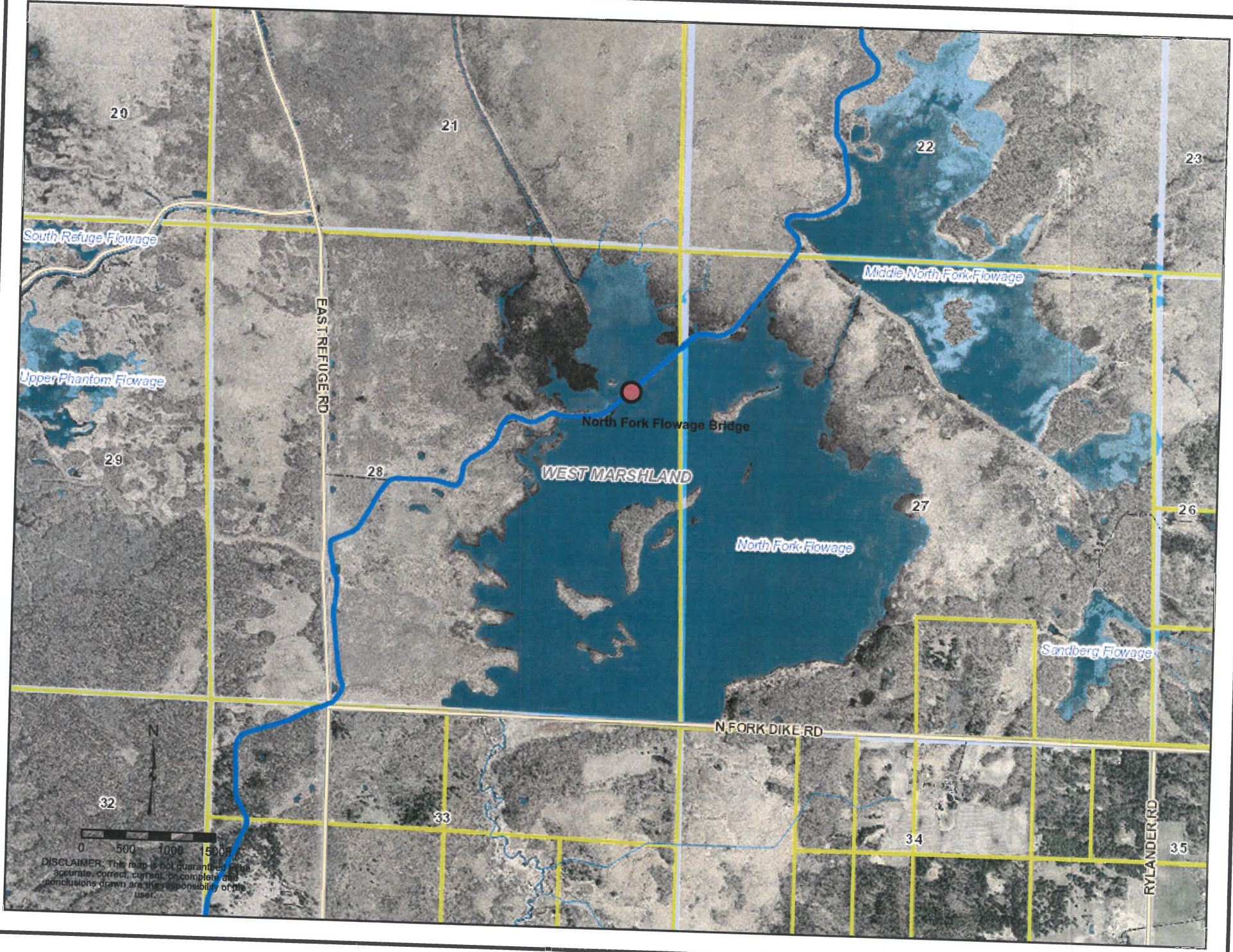
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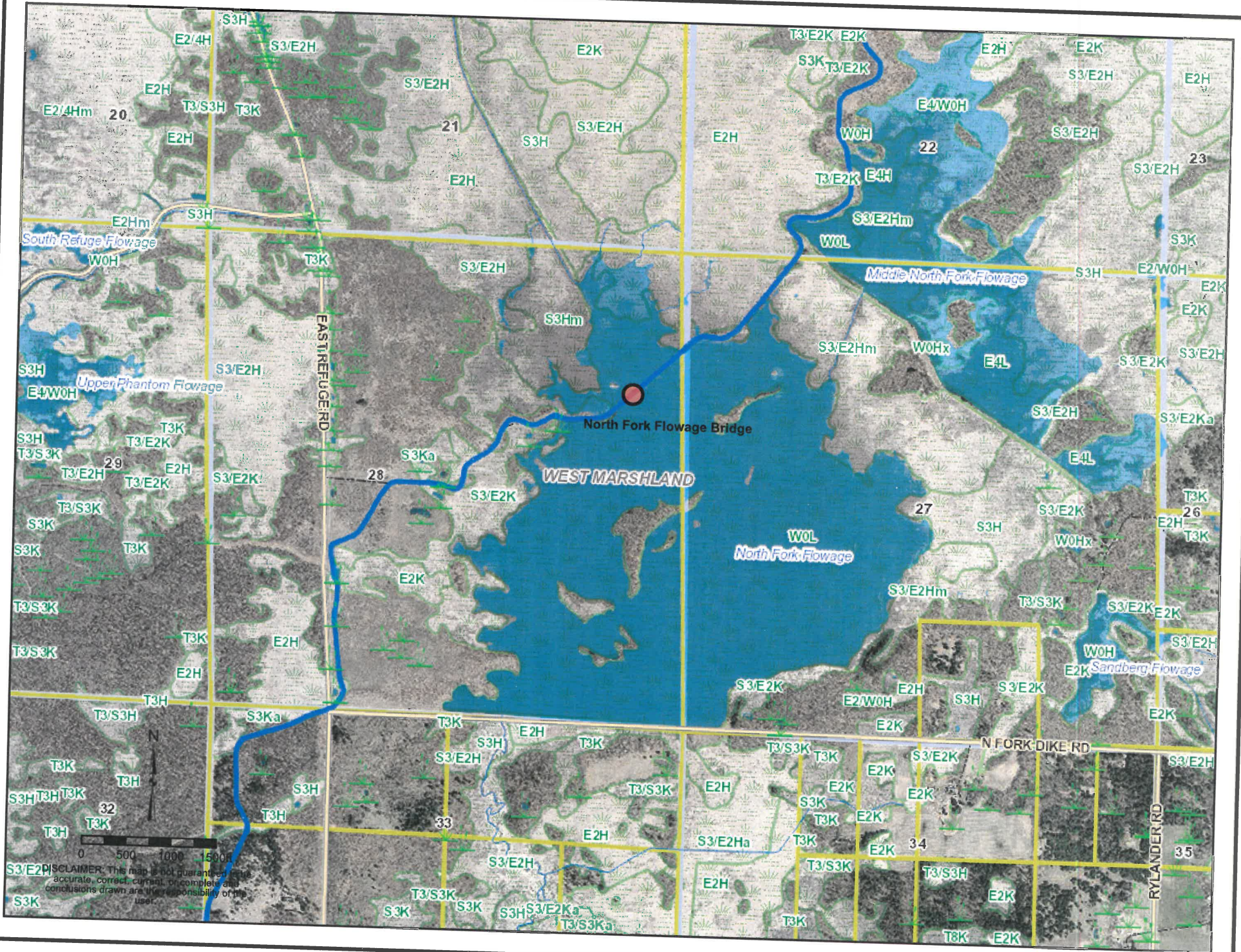
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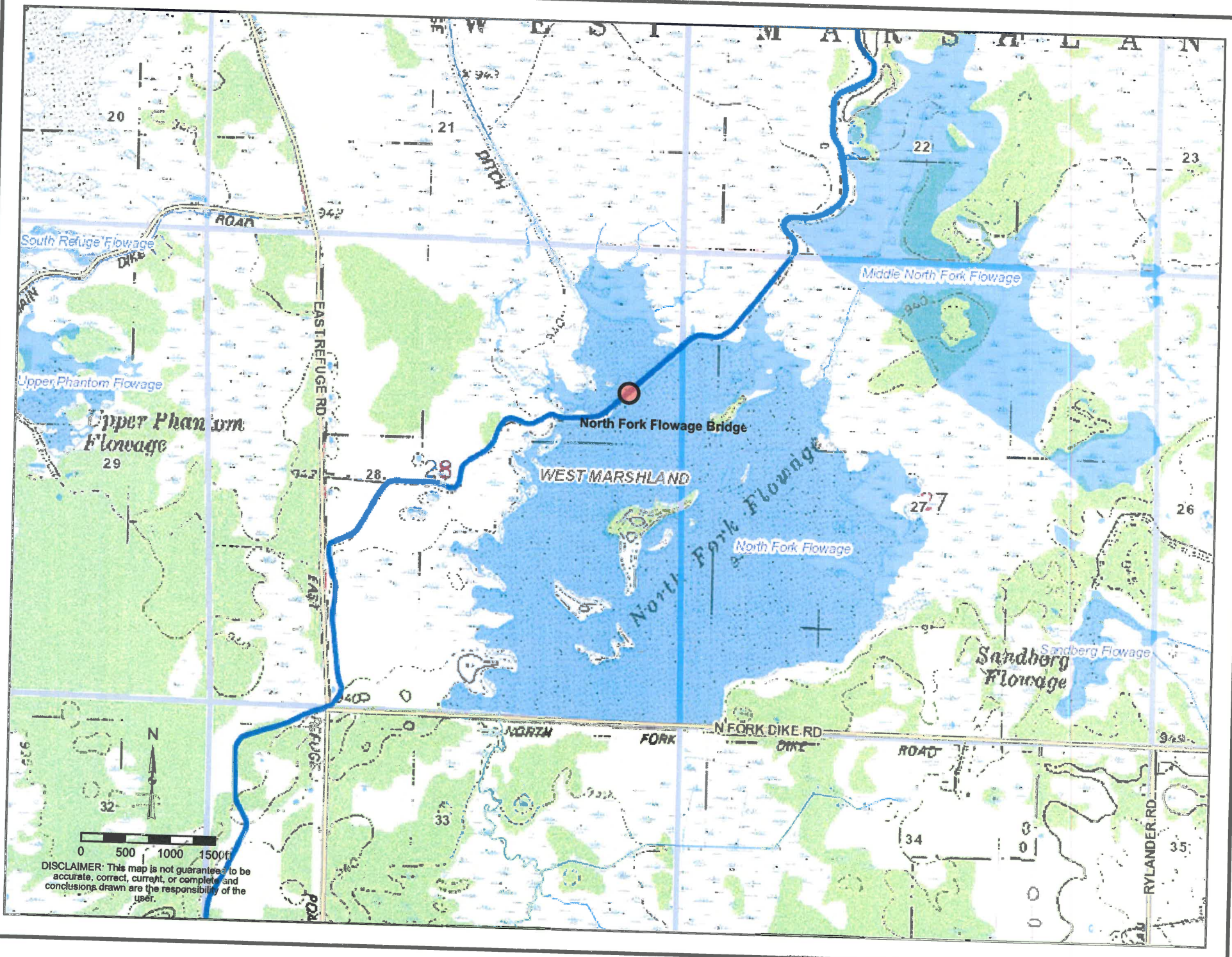
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