

S-67 Columbia New Bridge COST INCREASE

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

**Section 2: Project Information Required for all Projects**

Project Title Trail 35 Bridge					Current Funded Miles 14.79	New Miles (if applicable)
County Columbia	Township 11 N	Range 11	Section 11	<input checked="" type="radio"/> E <input type="radio"/> W	GPS Coordinates: Lat. 43.438169 Long. -89.150981	¼ ¼ ¼

**Project Description Summary**  
 This bridge app was applied for in 2022-2023 and was awarded a grant for \$165,000.00. Upon inspection of the area it had to be relocated/rebid to install outside of the wetland/floodplain which the club was unaware about with the first application. The new bridge installation location would span 120' over that area. It is in a wetland/marshy area, which is unusable when the ground is not frozen over the season or when the water rises, the groomer is not able to get through, or the snowmobiles to travel on. The alternate route is either a longer distance back to join the original trail or travel the adjacent roadway which has a very dangerous/step ditch/culvert area during the times it can't be travelled. This solution of installing the bridge outside of the floodplain area would eliminate the need for putting it in the waterway and needing an H&H study done.

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

**Estimated Cost**

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
			\$260,000.00			\$260,000.00
Leave Blank – DNR Use Only						

**Applicant Certification**

Printed Name of Authorized Official	Official's Title
	Land Resources Director

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

4/15/2006  
 Date Prepared







**ANDERSON**  
BRIDGES

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

# PROPOSAL

July 3, 2024

To: Columbia County Snowmobile Trail Administrator

Re: Snowmobile Bridge Budget

- 1 - **120' x 12' (clear width) steel truss bridge**
- Design Standards: **AASHTO**
  - Diagonals per Panel: **1**
  - Clear width: **Inside face structural elements at deck level**
  - End Vertical: **Square**
  - Bearings: **Equal Elevations**
  - Steel Grade: **A588/A847 (Unpainted self-weathering)**
  - Deck: **#1 Southern Yellow Pine (.40 MCA)**
  - Safety Rails: **Horizontal (4" opening)**
  - Installation: **Steel and/or concrete abutments**
  - Loads: **85 psf live load - 35 psf wind load – 25,000 lbs. vehicle load**
  - FOB: **Columbia County, WI**
  - Engineered Drawings State Seal: **Wisconsin**

Price	<b>\$260,000</b>
• <b>Structure (Steel Truss)</b>	<b>\$160,000</b>
• <b>Engineering</b>	<b>\$20,000</b>
• <b>Soil Testing</b>	<b>\$0</b>
• <b>Site Prep</b>	<b>\$10,000</b>
• <b>Abutments</b>	<b>\$40,000</b>
• <b>Labor</b>	<b>\$20,000</b>
• <b>Rip Rap</b>	<b>\$10,000</b>

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

Please call with any questions.

Thank you,

Kory S. Weathers

## **TRAIL 35 SNOWMOBILE BRIDGE INSTALLATION PROJECT, GRANT #S-5842 \$165,000.00**

We received a grant approval in July, 2023 for \$165,000.00, but with the explanation below, we needed to alter the bridge location and installation with additional costs, totalling \$260,000. We applied for an amendment in 2024 and were denied. So we are applying for this bridge project again for the amount that will get this bridge installed.

Here's the background:

Once we started looking at permitting for this project we not only realized it was in the Village of Doylestown vs county permitting but it was also in a Flood Storage Zone A area. The reason they applied for a bridge application was this is a very marshy area and sometimes during the winter they could cross on ice but other times the water wasn't frozen and they had to travel on the adjacent road with a deep ditch/embankment on the side and it was dangerous to continue doing that (see pics).

The proposed estimates for the bridge installation would have put the pilings into the waterflow of the flood storage area. To span outside of that area the bridge would have had to be around 200 feet to clear the area in question, otherwise it would need an H&H Study done which after contacting a couple engineering companies could be quite costly.

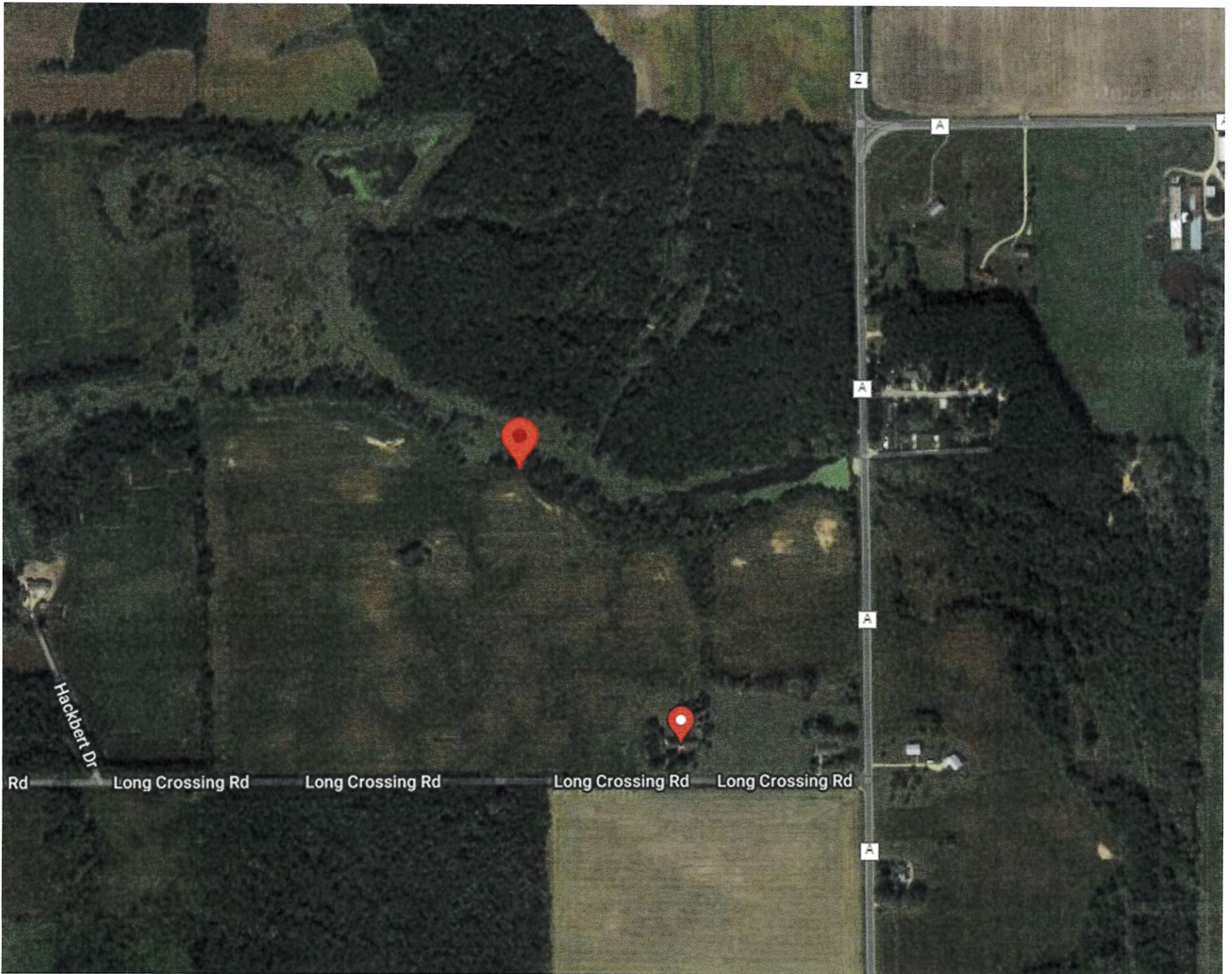
Our office spent an amount of time corresponding with Village of Doylestown, club president, Jeff Schure, Kurt Byfield, and Will Disser regarding solutions to keep the cost down by not entering the waterway installing this bridge. One of our technicians in LWCD visited the site and in consulting with the Village of Doylestown, Will Disser and our County Highway Department for right of way restrictions, and it was determined this bridge could be installed outside of this flood storage area by moving the proposed installation site over an old existing dam structure (permit issued 1993), in this unnamed creek area.

Because the new proposed installation area does exceed the original length on the 2 estimates with the bridge grant application, we reached out to both companies that had provided the original estimates.

- 1) We received one updated estimate from Wheeler for the 120' in length x 12' width bridge for \$260,000.00 to cover the area of the waterway.
- 2) We did not get any application from RG Huston, so we reached out to a few companies we have worked with on previous bridge projects for the 2<sup>nd</sup> estimate. In the process, we also found out some companies that install bridges only go 100 feet in length. Our 2<sup>nd</sup> estimate comes from Anderson Bridges, LLC, for the same size of indicated in #1, for \$260,000.00.

These are only estimates for cost amendment purposes, once a decision is made at the snowmobile council meeting, "If approved", we would continue with following the county bidding process for this project, opening it up to all contractors.

I have attached pictures as well to see the new proposed area to install vs previous. If you have any questions, please do not hesitate to call.



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**Estimate**

7/8/2024

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



Letting | Date:  
| Time:  
| Place:

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

**Timber Panel Lam Snowmobile Bridge:**

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

Wheeler Materials: \$150,000

Engineering: \$10,000

Geotechnical Investigation: \$10,000

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

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

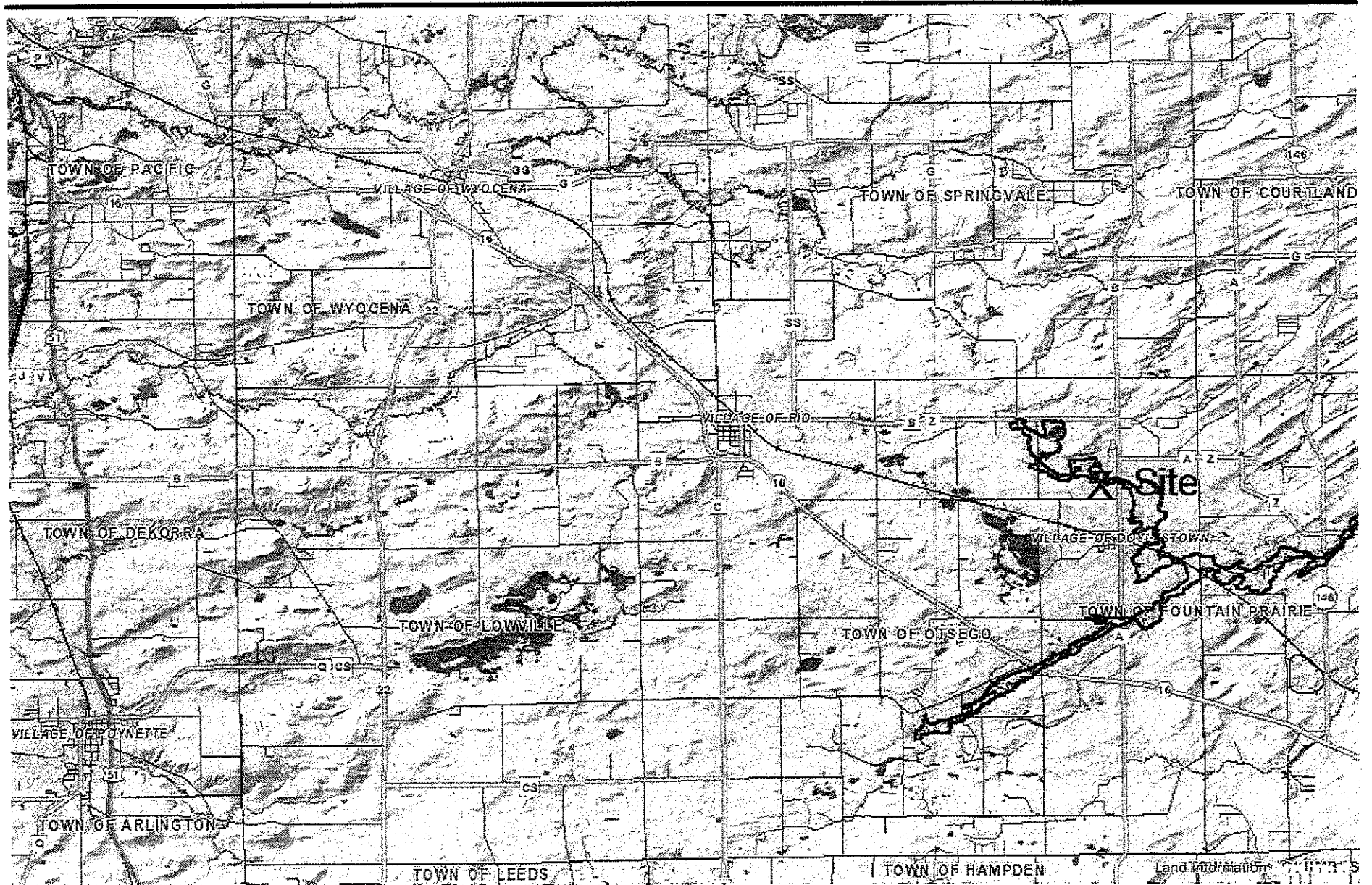
**Total Estimated Cost: \$295,000**



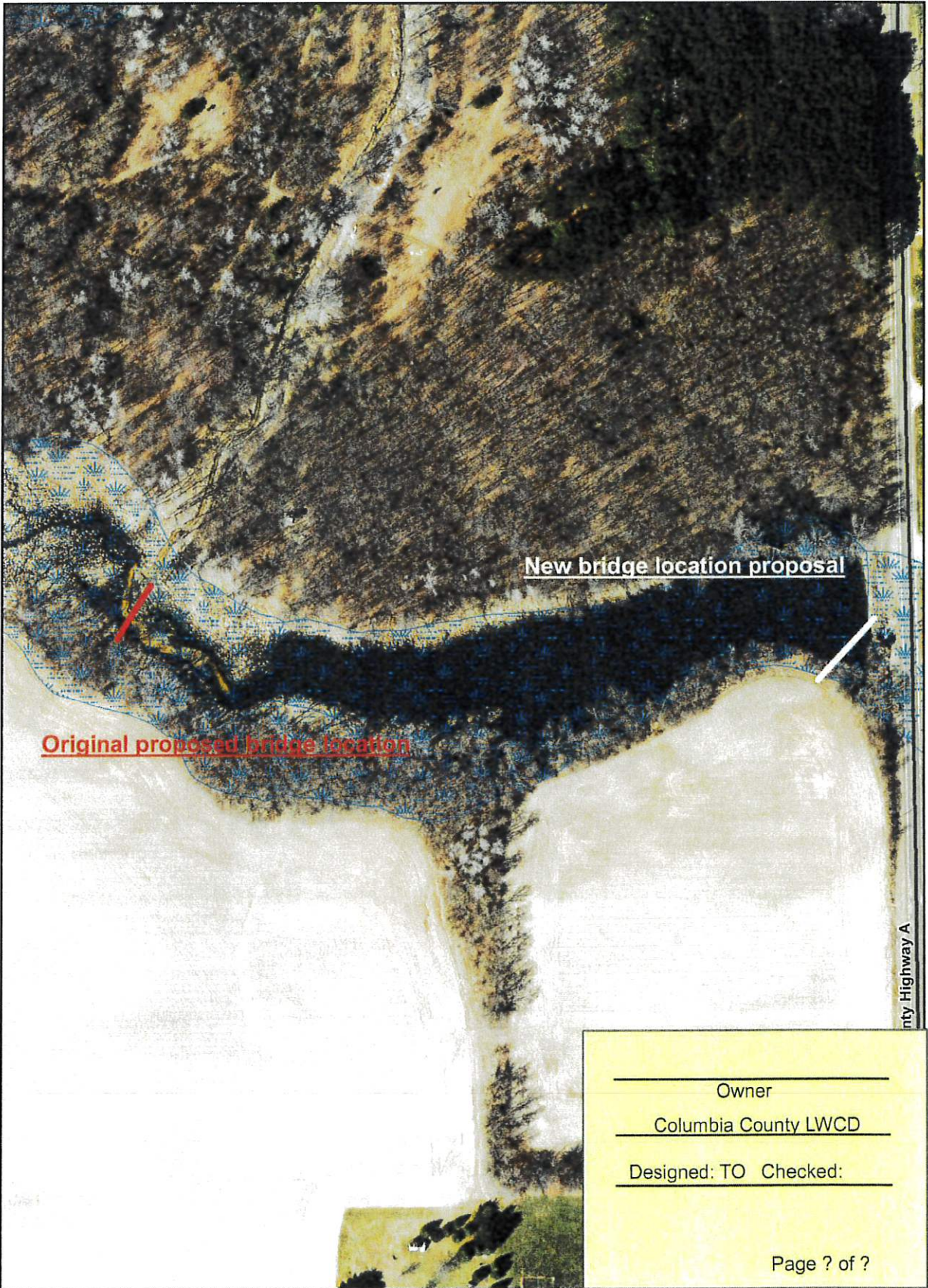
# Site map



# Location map



Trail 35 bridge location map with wetland layer



Trail 35 bridge location map with floodplain layer

