

### #33 Douglas Olson Meadow Dam Culvert

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)

- 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 Douglas County Forestry				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 Clint Meyer				Check Recipient Name (Name to Appear on Check) Clint Meyer			
Title Park and Recreation Supervisor				Title Park and Recreation Supervisor			
Address PO Box 211				Address PO Box 211			
City	State	ZIP Code	City	State	ZIP Code	GPS Coordinates:	
Solon Springs	WI	54873	Solon Springs	WI	54873	Lat. _____ Long. _____	
Telephone Number (715) 378-2219			Email Address clint.meyer@douglascountywi.gov				

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

Project Title Douglas County trail 7 Culvert replacement					Current Funded Miles 355	New Miles (if applicable)	
County	Township	Range	Section	1/4 1/4	1/4	GPS Coordinates:	
Douglas	41 N	11	6			Lat. _____ Long. _____	

#### Project Description Summary

Trail 7 runs across Olson Meadow Dam utilizing it as a crossing of an unnamed tributary to lower ox creek. the structure is approximately 50 years old and has structural issues that need to be addressed. The county has decided to remove the dam in suing so the county will apply for a Dam Removal Grant that can fund \$50,000.00 of the cost the remainder is requesting to be funded by the snowmobile and WATV program for the replacement of the failing culvert. total project cost is \$128,000.00. It is estimated that \$50,000.00 will be funded by the Dam Removal Grant leaving a total of \$78,600.00 to be divided between Snowmobile (~~\$39,300.00~~ **\$24,750**) and Winter ATV (~~\$39,300.00~~ **\$24,750**).

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

#### Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$78,600.00		\$78,600.00
<b>Leave Blank – DNR Use Only</b>						
				<b>\$49,500</b>		<b>\$49,500</b>

#### Applicant Certification

Printed Name of Authorized Official Clint Meyer	Official's Title Park and Recreation Supervisor
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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

4-15-2024  
Date Prepared



Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

		Quote 1	Quote 2
		<input type="radio"/> Steel <input type="radio"/> Wooden	<input type="radio"/> Steel <input type="radio"/> Wooden
Bridge Dimensions:		66"x70'	_____
Bridge Manufacturer:	concrete	_____	_____
Design Weight Load		_____ lbs.	_____ lbs.
Cost of Structure:	1. Engineering	\$ 51,700	\$ 51,700
	2. Structure	\$ 76,900	\$ 47,800
	<b>Subtotal</b>	<b>\$ 128,600</b>	<b>\$ _____</b>

		Quote 1	Quote 2
		<input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate	<input type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate
<b>Installation Costs:</b>			
1. Engineering		\$ _____	\$ _____
2. Site Preparation		\$ _____	\$ _____
3. Abutments		\$ _____	\$ _____
4. Pilings/Piers		\$ _____	\$ _____
5. Approaches		\$ _____	\$ _____
6. Riprap		\$ _____	\$ _____
7. Labor		\$ _____	\$ _____
8. Equipment Rental		\$ _____	\$ _____
9. Culverts		\$ _____	\$ _____
10. H & H Study		\$ _____	\$ _____
11. Wetland Delineation		\$ _____	\$ _____
12. Other _____		\$ _____	\$ _____
	<b>Subtotal</b>	<b>\$ _____</b>	<b>\$ _____</b>
	<b>Total Cost</b>	<b>\$ 128,600</b>	<b>\$ 99,500</b>

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** \$ \_\_\_\_\_

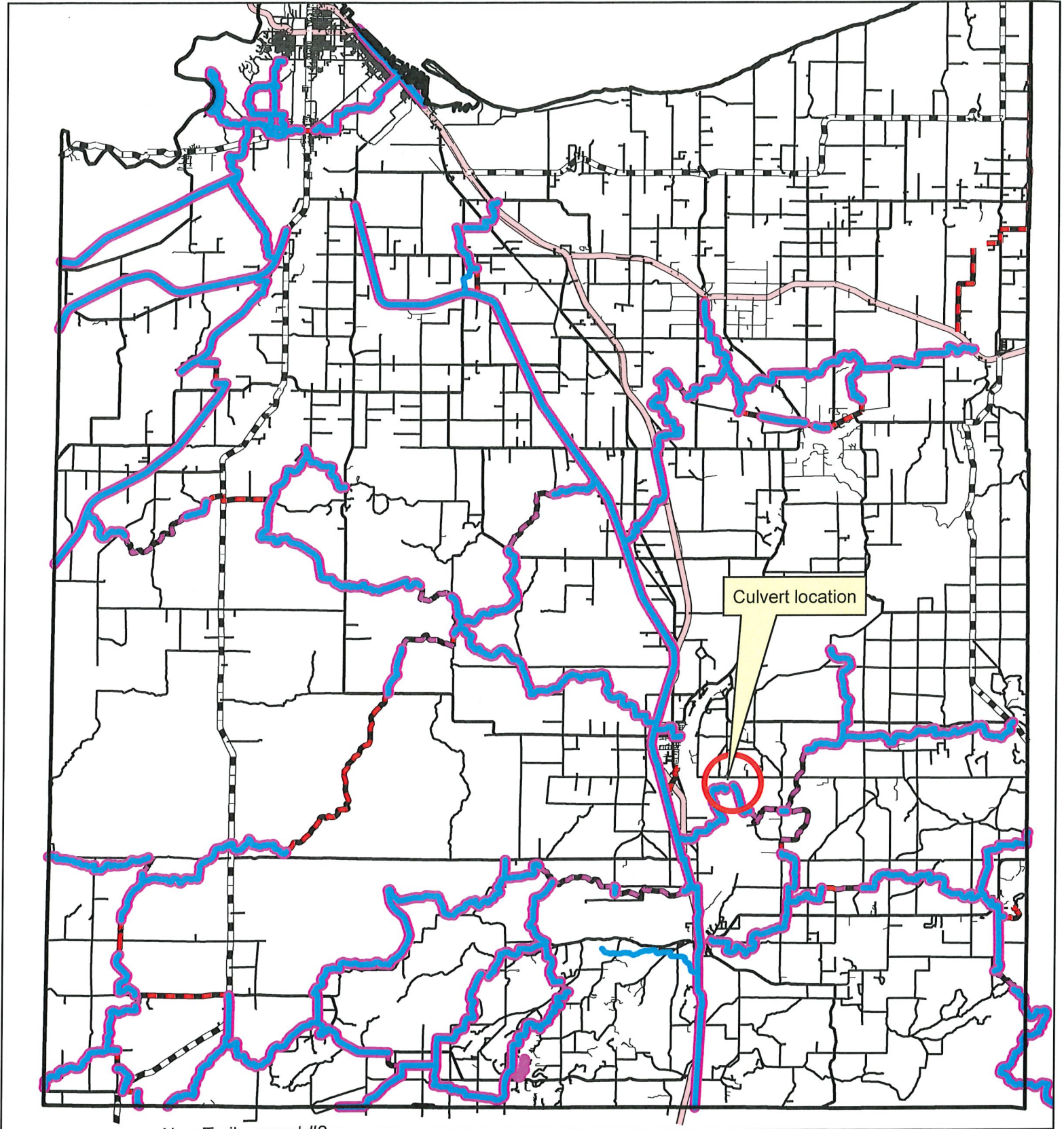
Guidelines for Applicant

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	<b>Condition of the Structure</b> (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	0
2	<b>Permits</b> (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	<b>Funding</b> (maximum points 2) Are other funds already committed?		
	50% or greater from other funding source(s)?	2	2
	11% - 49% from other funding source(s)?	1	
4	<b>Length of Written Easements or Land Use Agreement</b> (max points 5)(ch. 23.09(26)(am)1 WI Stats)		
	On public land (County, State, Federal)	5	5
	10 or more year <b>deeded easement</b> on private land or other public land, for <u>all portions of</u> that trail to the nearest road on each side of the bridge	5	-
	3-9 year <b>deeded easement</b> on private land or other public land, for <u>all portions of that</u> trail to the nearest road on each side of the bridge	4	-
	10 or more year <b>deeded easement</b> on private land or other public land, for <u>just the bridge</u> site	3	-
	3-9 <b>deeded easement</b> on private land or other public land, for <u>just the bridge</u> site	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	<b>Miles Impacted</b> – 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	1
	20 miles or more	3	
	No other snowmobile trails connect. Explain:	4	
	<b>DEDUCTIONS</b>		
6	<b>County Active Project Deduction</b> (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	-1
<b>GRAND TOTAL</b>			8

Comments/Notes:

# 2024-2025 Douglas County Snow and WATV/UTV Culvert Replacement 41N-11W-6



## Legend

 Snowmobile Funded Trails

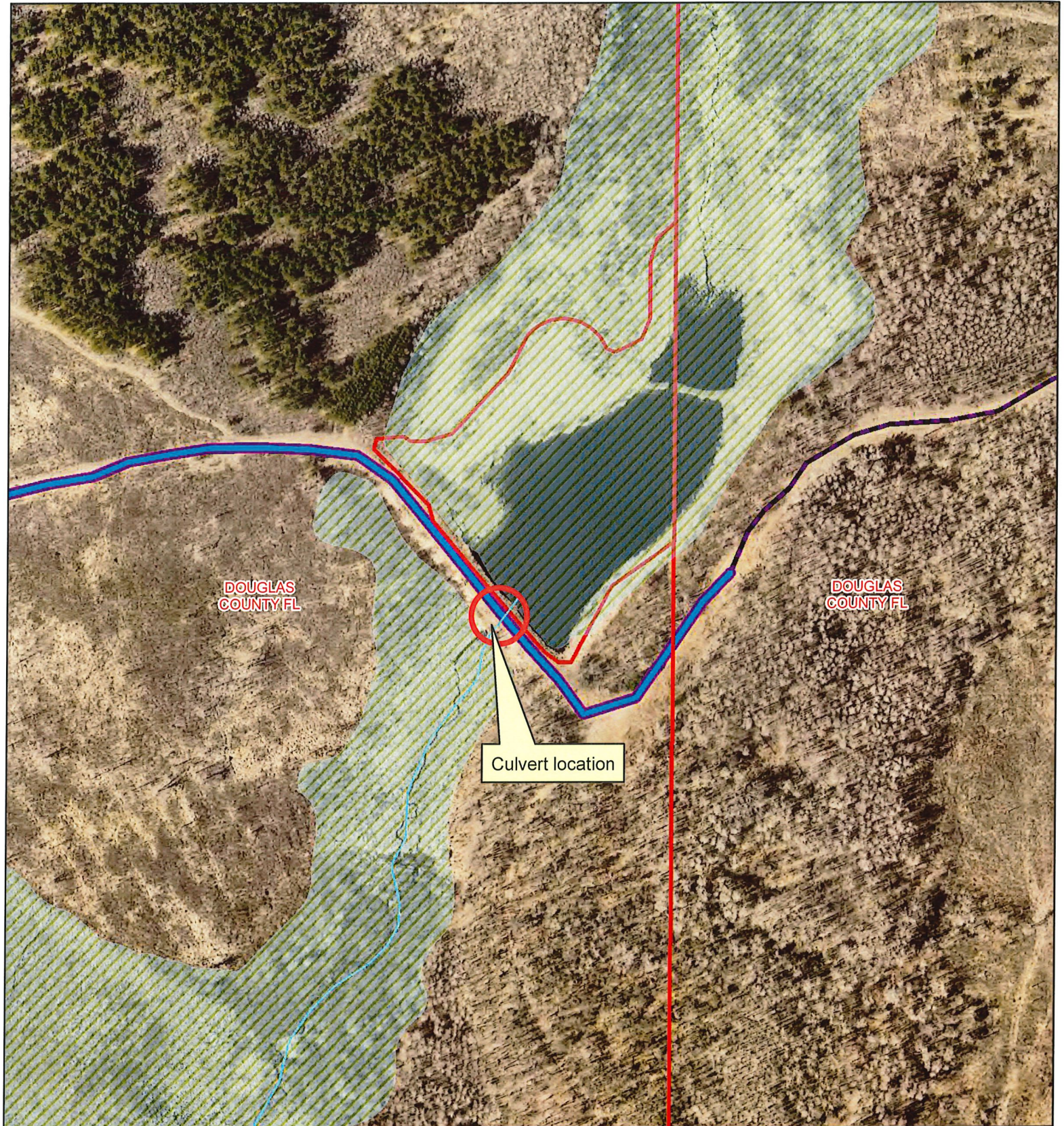
 Winter ATV Funded Trails



0 1 2 4 6 8 Miles

Map Created by: Clint Meyer

# 2024-2025 Douglas County Snow and WATV/UTV Culvert Replacement 41N-11W-6



## Legend

 Snowmobile Funded Trails

 Winter ATV Funded Trails



0 0.00 0.02 0.04 0.06 0.08 Miles

Map Created by: Clint Meyer











Todd Gibbon  
Long Island Engineering LLC  
201 Maple Ridge  
Ashland, WI 54806



February 23, 2024

Clint Meyer  
Park & Recreation Manager  
Douglas County Forestry Department  
9182 East Hughes Avenue, PO Box 211  
Solon Springs, WI 54873

Mr. Meyer:

Thank you for the opportunity to provide professional services for the Olson Meadow Dam Removal Project.

### **Project Overview**

We understand that Olson Meadow Dam has structural issues with the existing corrugated metal pipe. The structure has reached its end of life and requires removal. WESLIE Engineering Group has developed the following work plan to comply with the WDNR regulations regarding dam removal, prepare construction documents, and prepare a competitive bid package for contractor bidding.

### **Work Plan**

<b>Task 1</b>	<b>Wetland Delineation</b> Complete a wetland delineation of dam removal area. Create wetland delineation report and obtain concurrence from WDNR.	<b>\$4,500</b>
<b>Task 2</b>	<b>Preliminary Design</b> Create preliminary design drawings in coordination with the Douglas County Forestry Department. This preliminary design drawings will be used in the application for approval to remove the dam.	<b>\$4,600</b>
<b>Task 3</b>	<b>Floodplain Modeling</b> Update existing Hec-RAS modeling to reflect dam replacement or to reflect dam removal and construction of a new culvert to maintain the trail crossing. Either scenario will require floodplain modeling.	<b>\$3,700</b>
<b>Task 4</b>	<b>WDNR Wetland Permitting</b> Submit for a wetland impact permit. The permit is expected to be a General Permit submitted as a joint WDNR and Army Corps permit. Permit will be submitted jointly with the dam removal permit.	<b>\$3,000</b>

Clint Meyer  
February 23, 2024  
Page 2

<b>Task 5</b>	<b>WDNR Dam Removal or Reconstruction Permit</b> Develop report and analysis necessary for permitting with WDNR. Submit to WDNR a permit request to remove or to reconstruct Olson Meadow Dam.	<b>\$3,900</b>
<b>Task 6</b>	<b>WDNR Ch30 Permit for Culvert Installation</b> Develop a Ch30 General Permit application for installation of a new culvert on a navigable stream.	<b>\$2,500</b>
<b>Task 7</b>	<b>Final Design and Plan Production</b> Develop final construction plans and details necessary for contractors to complete bids.	<b>\$4,600</b>
<b>Task 8</b>	<b>Bid Package</b> Complete competitive bid package. Package includes contract language (front end specifications) and technical specifications with plan sheets and details. Attend prebid meeting and bid opening and perform bid evaluation.	<b>\$4,500</b>
<b>Task 9</b>	<b>Onsite Project Representations</b> Perform project representation for construction. (This assumes 40hrs/wk for a PE inspector for 2 weeks of critical inspection and 25hrs/wk for 2 weeks of part time critical inspection.)	<b>\$15,000</b>
<b>Task 10</b>	<b>As-Built Topo and Drawings</b> Complete an As-Built topographic survey and PE stamped As-Built drawings. Submit drawings to WDNR.	<b>\$5,400</b>

#### **Deliverables**

For this project, Long Island Engineering LLC and Weyandt Engineering Services LLC (WESLIE Engineering Group) will provide the following:

- Preliminary design plans for WDNR permitting
- WDNR permit for dam removal or reconstruction
- WDNR permit for new culvert installation on navigable stream (Ch30)
- Final design plans and plan production
- Wetland Delineation and Permitting
- Competitive Bid Package
- As-built survey and stamped as-built plans

#### **Schedule**

We are available to provide these services promptly to submit permits in 2024 for a 2025 construction season.

#### **Fee Estimate**

We propose to complete **Tasks 1 through 10** in the scope of work for a time and materials estimated fee of **\$51,700**.

Clint Meyer  
February 23, 2024  
Page 3

If during the course of work, any issues that arise that are beyond the scope of this proposal, Long Island Engineering LLC will discuss the potential effects of this on the project and provide an estimated fee prior to moving forward with any additional work. The following rates apply to staff that may work on this project. These rates are good for the 2024 calendar year.

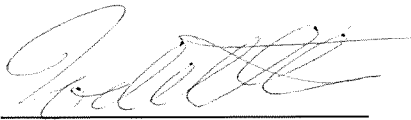
- Senior Engineer      \$155/hr
- Admin Support        \$60/hr

This letter and contract represents the entire understanding between Douglas County Forestry Department and Long Island Engineering LLC for the above described project (**Olson Meadow Dam Removal**) and may only be modified in writing signed by both parties. If this satisfactorily sets forth your understanding of our agreement, please sign in the space provided below and return to us.

I look forward to discussing this project with you further. If you have any questions, please contact me at **715-209-4747** or via email at **longislandengineeringllc@outlook.com**.

Sincerely,

Long Island Engineering, LLC



Todd Gibbon, PE CFM

Accepted by:

\_\_\_\_\_  
Clint Meyer  
Park and Recreation Supervisor

\_\_\_\_\_  
Date



Office: 9346 E Wasko Road  
Solon Springs, WI 54873

Phone: (218) 464 3965

[www.lakeeffectconstruction.com](http://www.lakeeffectconstruction.com)

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Excavation ♦ Site Preparation ♦ Landscaping ♦ Demolition ♦ Material Delivery ♦ Trucking

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To: Olsen Meadows  
Attn: Clint Meyer

Date: June 4, 2024

Project: Olson Meadows Flowage  
E Fire Lane  
Solon Springs WI 54873

Pricing includes labor, material, and equipment and is subject to acceptance within 30 days.

## PROPOSAL

This proposal is offered and based on the terms and conditions of the Minnesota AGC Subcontract or AIA Contract A201 with no additional terminology or riders.

### Base Bid Scope of Work:

#### *Site Work*

- Install silt fence on both sides of dam
- Excavate existing pipes and stockpile materials onsite
- Remove overflow structure and dispose of
- Install new culvert pipe
- Backfill, place and compact materials from onsite to proposed elevation
- Import 60 yards gravel for reconstruction of trail

**Bid Price: \$47,800.00**

### Clarifications and Exclusions

- Unforeseen conditions such as contaminated soils or rock excavation are excluded.
- Also not included would be permits, dewatering or any winter conditions.
- \*\*\*\*Final payment is due on the date we finish.

**Thank you for the opportunity to participate in this project.**

Please call / email with any questions.

Respectfully submitted,

Danny Haskins  
Owner/Operator  
[danny@lakeeffectconstruction.com](mailto:danny@lakeeffectconstruction.com)  
Cell: (218) 464 3965



**Ritola Inc**  
 61426 Storck Rd  
 Mason, WI 54856  
 Phone: (715)-278-0324  
 Email: estimating@ritolainc.com

**Proposal**

**# 24-0**

Date: 3/1/24

<p><b><u>Proposal submitted to:</u></b>          ATTN: Todd Gibbon</p>	<p><b><u>Project:</u></b>          Douglas County          Olson Meadow Dam</p>
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We hereby submit Specifications and a Proposal for:

Removal and replacement of existing structure and piping

The following items to be included:

**Culvert Removal**

Item	Unit	Est. Quantity	Unit Price	Total
FINISH ROADWAY	EACH	2	\$ 3,450.00	\$ 6,900.00
MOBILIZATION	EACH	1	\$ 11,500.00	\$ 11,500.00
SALVAGED TOPSOIL	SY	200	\$ 11.50	\$ 2,300.00
SILT FENCE	LF	150	\$ 8.05	\$ 1,207.50
EROSION MAT URBAN CLASS I TYPE A	SY	200	\$ 3.45	\$ 690.00
SEEDING MIXTURE NO. 70 (@0.4LB/1,000SF)	LB	1	\$ 11.50	\$ 11.50
SEEDING NURSE CROP (@1LB/1,000SF)	LB	1	\$ 11.50	\$ 11.50
REMOVE EX. 48" CMP AND 60" RISER STRUCTURE	LS	1	\$ 3,450.00	\$ 3,450.00
WATER MANAGEMENT	LS	1	\$ 11,500.00	\$ 11,500.00
			<b>TOTAL</b>	<b>\$ 37,570.50</b>

**Culvert Replacement**

Item	Unit	Est. Quantity	Unit Price	Total
SELECT BORROW	CY	30	\$ 57.50	\$ 1,725.00
APRON ENDWALLS FOR CULVERT PIPE 60-Inch	EACH	2	\$ 4,025.00	\$ 8,050.00
RIP RAP LIGHT	CY	30	\$ 172.50	\$ 5,175.00
SEEDING MIXTURE NO. 70 (@0.4LB/1,000SF)	LB	1	\$ 11.50	\$ 11.50
SEEDING NURSE CROP (@1LB/1,000SF)	LB	1	\$ 11.50	\$ 11.50
STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 60-Inch	LF	70	\$ 345.00	\$ 24,150.00
			<b>Total</b>	<b>\$ 39,330.00</b>

Terms: LATE CHARGE on balances past due (30 days) a fixed amount of 1.5% per month on unpaid balance for annual percentage rate of 18%.

**We hereby propose to furnish materials and labor in accordance with the above specifications for the sum of:**

**\$ 76,900.50      seventy six thousand nine hundred and 50/100 Dollars**

All work to be completed as specified and in a workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra cost will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Ritola Inc. has General Liability Insurance and our workers are covered by Workman's Compensation Insurance.

Proposal submitted by:

Authorized  
Signature \_\_\_\_\_



This proposal may be withdrawn by us if not accepted within 30 days

**Acceptance of Proposal** The above price(s), specifications and conditions are satisfactory and are hereby accepted. You are authorizing us to do the work. Warranty as stated in terms and conditions. Payment will be made as outlined above.

Signature of acceptance \_\_\_\_\_ Date: \_\_\_\_\_

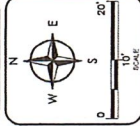




LONG ISLAND ENGINEERING LLC  
 201 Maple Ridge - Ashland WI 54806  
 715-209-1717  
 longislandengineeringllc.com

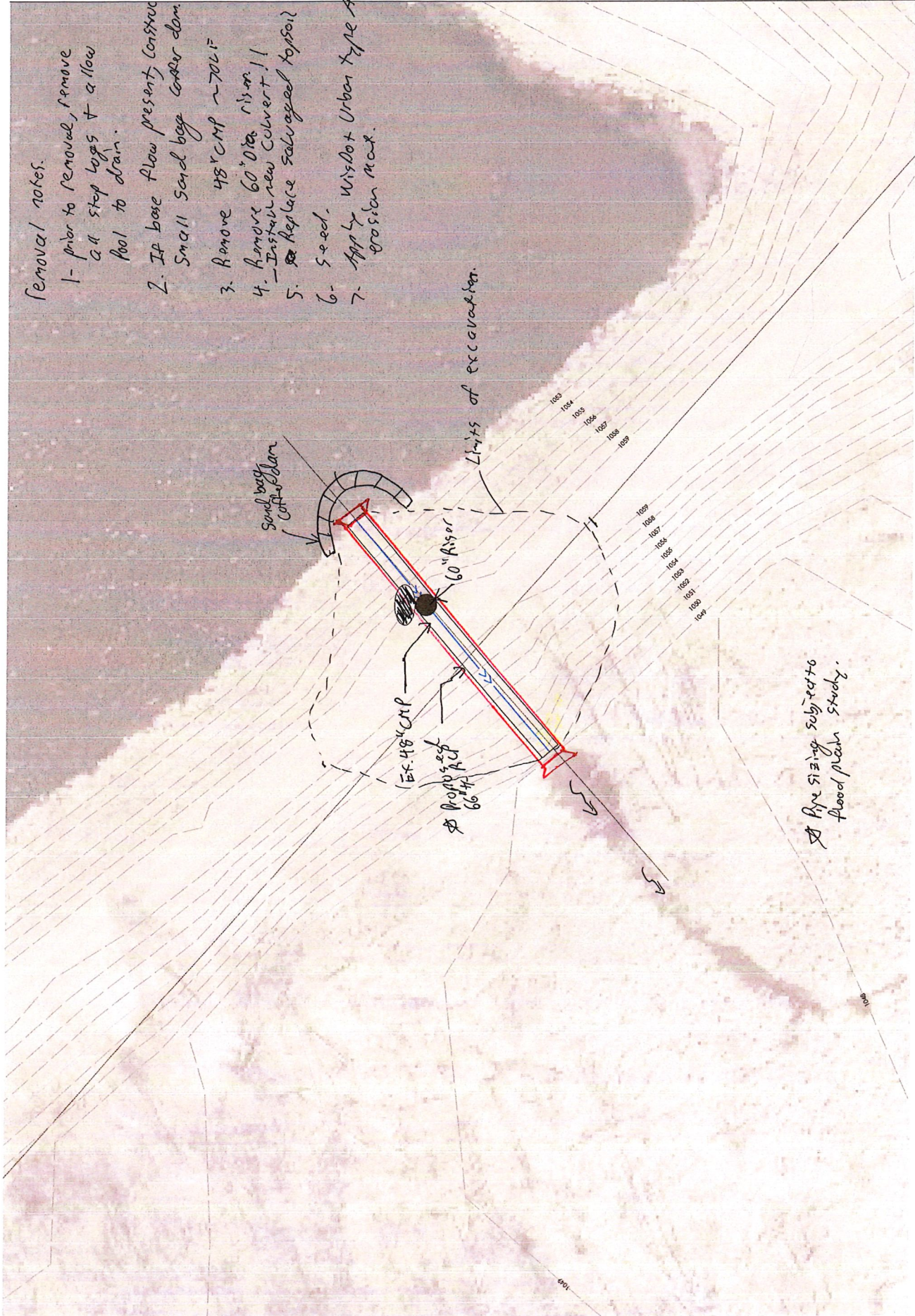
PLAN VIEW  
 OLSON MEADOW REMOVAL  
 Douglas County Forestry Dept.  
 Gordon  
 Douglas County, Wisconsin

DATE	BY	NO.	REVISIONS
3-15-2018			
3-15-2018			
3-15-2018			
3-15-2018			
3-15-2018			
3-15-2018			
3-15-2018			



SHEET NO. 1  
 SHEET TITLE  
 DATE  
 FILE NO.

- Removal notes.
- 1- prior to removal, remove all stop logs + a flow pool to drain.
  - 2- If base flow present, construct small sand bag center dam.
  - 3- Remove 48" CMP ~ 70L<sup>2</sup>
  - 4- Remove 60" Dia riser.!!  
- Install new Culvert!!
  - 5- ~~Replace~~ Salvage soil to soil
  - 6- Seed.
  - 7- Apply Wisdot Urban type A erosion mat.



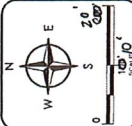
Site sizing subject to flood plain study.



LONG ISLAND ENGINEERING LLC  
 201 Maple Ridge - Madison, WI 53706  
 715-228-4177  
 longislandengr@gmail.com

**PROFILE VIEW**  
**OLSON MEADOW DFA**  
 Douglas County Forestry Dept.  
 Gordon  
 Douglas County, Wisconsin

DATE	BY	NO.	REVISIONS
3-15-2016			
3-15-2016			
3-15-2016			
3-15-2016			
3-15-2016			



PROJECT: \_\_\_\_\_  
 SHEET NO: \_\_\_\_\_  
 TOTAL SHEETS: \_\_\_\_\_

