

#2 Florence Nicolet State Trail Wisconsin Creek Bridge Redecking

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)

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 Florence County Forestry and 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 Mathew Gummin			Check Recipient Name (Name to Appear on Check) Mathew Gummin		
Title Recreation Manager			Title Recreation Manager		
Address 5617 Forestry Drive			Address 5617 Forestry Drive		
City Florence	State WI	ZIP Code 54121	City Florence	State WI	ZIP Code 54121
Telephone Number (715) 528-3207		Email Address mgummin@florencecountywi.gov			

Section 2: Project Information Required for all Projects

Project Title C7 Wisconsin Creek Bridge Re-Deck 2025					Current Funded Miles 175.2	New Miles (if applicable)
County Florence	Township 41 N	Range 15	Section 35	¼ ¼ SE	¼ SW	GPS Coordinates: Lat. 45.9838332 Long. -88.5915063

Project Description Summary

Florence County would like to re-deck the Wisconsin Creek Bridge located in the Town of Tipler. This major corridor trail C7 serves as a primary connection to trails leading to the eastern half of Florence County and to Forest County located to the west and south ends of the county. This also connects to the State of Michigan to the north as well. Based on past grant information, this bridge has not received any additional funding since 2009 (ATV-1973) when it was constructed and installed. I have been performing two "Designated Use Inspections" per year as required by the State since 2017, one in the spring and late fall. These inspections include bridge, trail, signage and facility inspections of what is visible at the time of inspection and are non-invasive. The results are emailed to Mike Duke for his review and determination. We have observed the deterioration of the wear course over the last few years and now feel that it is necessary to re-deck. With building material costs fluctuating we hope that there isn't an uptick in costs. We have estimated the cost to be \$17,031.35 as of 03/27/2024. This includes the tear off, fasteners, machine time, labor, and disposal. We would expect that the deck to last approximately 10-15 years if cared for properly.

Florence County is requesting this be split 50/50 ATV/Snow.

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

Estimated Cost

Maintenance	Acquisition	Insurance	Development	Bridge Rehab.	Trail Rehab.	Total Estimated Cost
				\$17,031.35		\$17,031.35
Leave Blank – DNR Use Only						

Applicant Certification

Printed Name of Authorized Official Mathew Gummin	Official's Title Recreation Manager
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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 Florence	Township 41 N	Range 15	<input checked="" type="radio"/> E <input type="radio"/> W	Section 35	¼ ¼ NW	¼ SW	GPS Coordinates: Lat. 45.9838332 Long. -88.5915063
Water Body Name Wisconsin Creek				Bridge Name Wisconsin Creek Bridge			County Inventory Number N/A NR-19-006
Funded Trail Name or Number (SNARS if applicable) C7				Has this bridge site ever received development or rehabilitation funds in the past? <input checked="" type="radio"/> Yes <input type="radio"/> No Year: 2009 \$ 101,359.75			
Bridge is located on: <input type="radio"/> Private property <input checked="" type="radio"/> Public property				Old Bridge/Culvert Size 12 x 91 feet New Bridge/Culvert Size _____			
Landowner Where Bridge is Located State of Wisconsin				Telephone Number _____		Length of Trail Use Agreement (5 year minimum) State owned - perpetual easement	
Current maximum load 18,000 lbs.		Age of Bridge 24		Bridge Material Steel			
Proposed maximum load _____ lbs.							
Sponsoring Club Name Blue Ox Trail Riders				Club Contact Fran Modschiedler (president)		Telephone Number (715) 674-2616	
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? Former Railroad bridges. Unknown			
What is the weight of your puller & drag/grading equipment? 17400							
What other recreational trail uses are planned for this bridge? No other uses planned							
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

Florence County would like to re-deck the Wisconsin Creek Bridge located in the Town of Tipler. This major corridor trail C7 serves as a primary connection to trails leading to the eastern half of Florence County and to Forest County located to the west and south ends of the county. This also connects to the State of Michigan to the north as well. Based on past grant information, this bridge has not received any additional funding since 2009 (ATV-1973) when it was constructed and installed. I have been performing two "Designated Use Inspections" per year as required by the State since 2017, one in the spring and late fall. These inspections include bridge, trail, signage and facility inspections of what is visible at the time of inspection and are non-invasive. The results are emailed to Mike Duke for his review and determination. We have observed the deterioration of the wear course over the last few years and now feel that it is necessary to re-deck. With building material costs fluctuating we hope that there isn't an uptick in costs. We have estimated the cost to be \$17,031.35 as of 03/27/2024. This includes the tear off, fasteners, machine time, labor, and disposal. We would expect that the deck to last approximately 10-15 years if cared for properly. Florence County will perform this rehabilitation.

For use with Recreation Grant Application Forms

Project Name: C7 Wisconsin Creek Bridge Re-Deck 2025		Prepared By: Mathew Gummin	Date: 04/11/2024
County: Florence	Project Applicant: Florence County Forestry and Parks	Landowner Name: Florence County	<input checked="" type="radio"/> Public <input type="radio"/> Private

Indicate - (C) Contract , (F) Force Acct., (D) Donated

	DEVELOPMENT PROJECT ITEMS <i>List by individual item or break down by Use Areas (See Item List On Back Of This Form)</i>	Quantity	Unit of Measure	Component Costs	Estimated Total Item Cost
F	Skid Steer (217)	30	hr	\$53.00	1,590.00
F	Dump Truck (101)	20	hr	\$16.00	320.00
F	Trailer (493)	20	hr	\$26.00	520.00
F	Chain Saw (914)	4	hr	\$6.50	26.00
C	Lumber 2x8x10 pt.	190	ea	\$16.87	3,205.30
C	GRK Fasteners 5/16 x 4 (Cases)	7	ea	\$292.55	2,047.85
F	Labor	180	hr	\$51.79	9,322.20
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TOTAL \$					\$17,031.35

NOTE:

- For development projects, contingency and indirect costs are **not** eligible expenses.
- For acquisition projects, complete the Acquisition Project Cost Estimate Section of this form.

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.

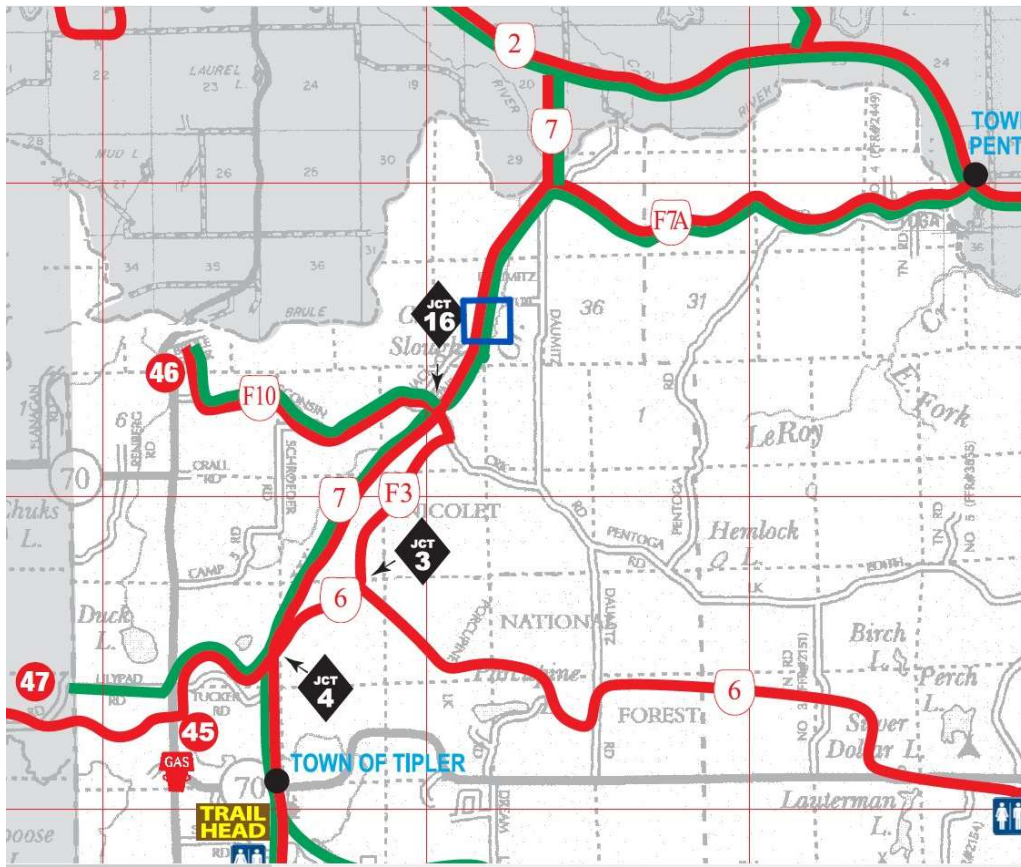
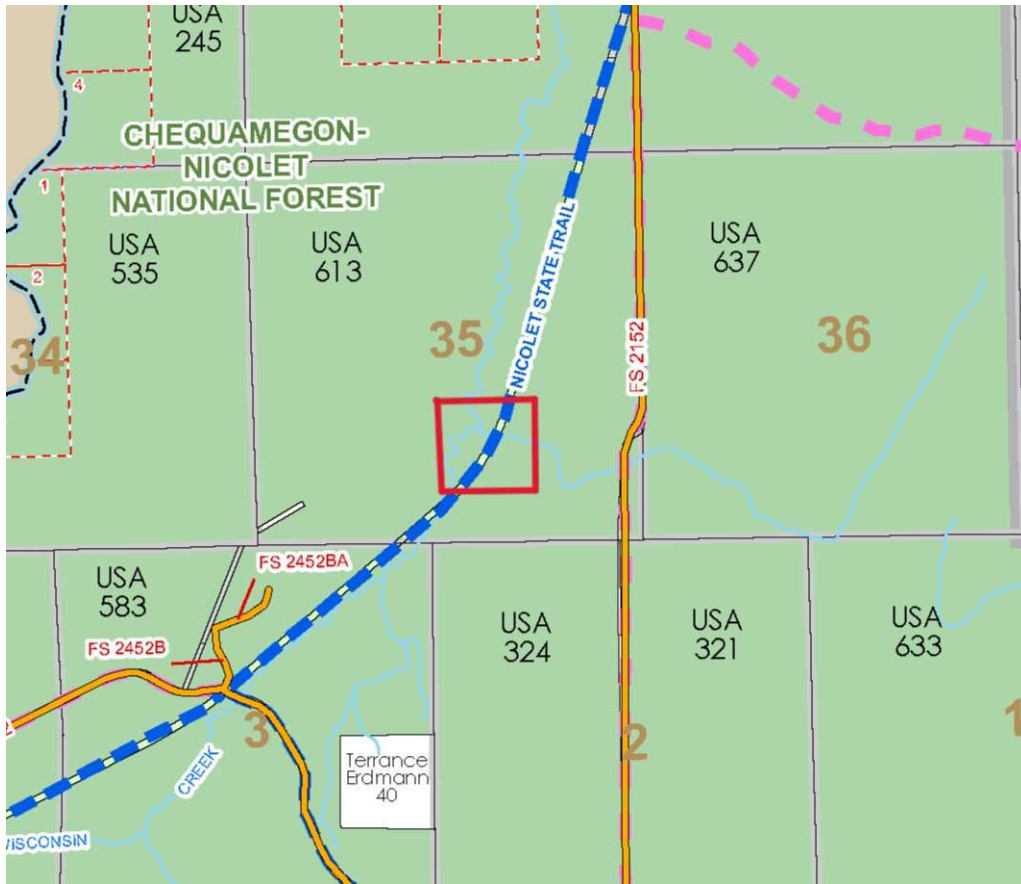
Category		Possible Points	Actual Points
1	Condition of the Structure (max of 10 points)		
	Has a certified bridge inspection report that supports the project & demonstrates need (see example, must provide copy of report by August 1 for 2024 only)	10	10
2	Permits (maximum points 4)		
	Consultation with DNR Water Mgmt Specialist has occurred & permit is likely, if needed	1	
	Permit in hand / Bridge already permitted	3	3
3	Funding (maximum points 2) Are other funds already committed?		
	50% or greater from other funding source(s)? Applied for ATV and Snow funds	2	2
	11% - 49% from other funding source(s)?	1	0
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	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 on each side of the bridge</u>	5	
	3-9 year deeded easement on private land or other public land, for <u>all portions of that trail to the nearest road on each side of the bridge</u>	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	
	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	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			XX 21

Comments/Notes:

Attached is a copy of the last bridge certification that we have dating back to 2020. We perform 2 inspections per year on the entire NST that includes bridges and items that are relevant to the inspection form provided by the State.

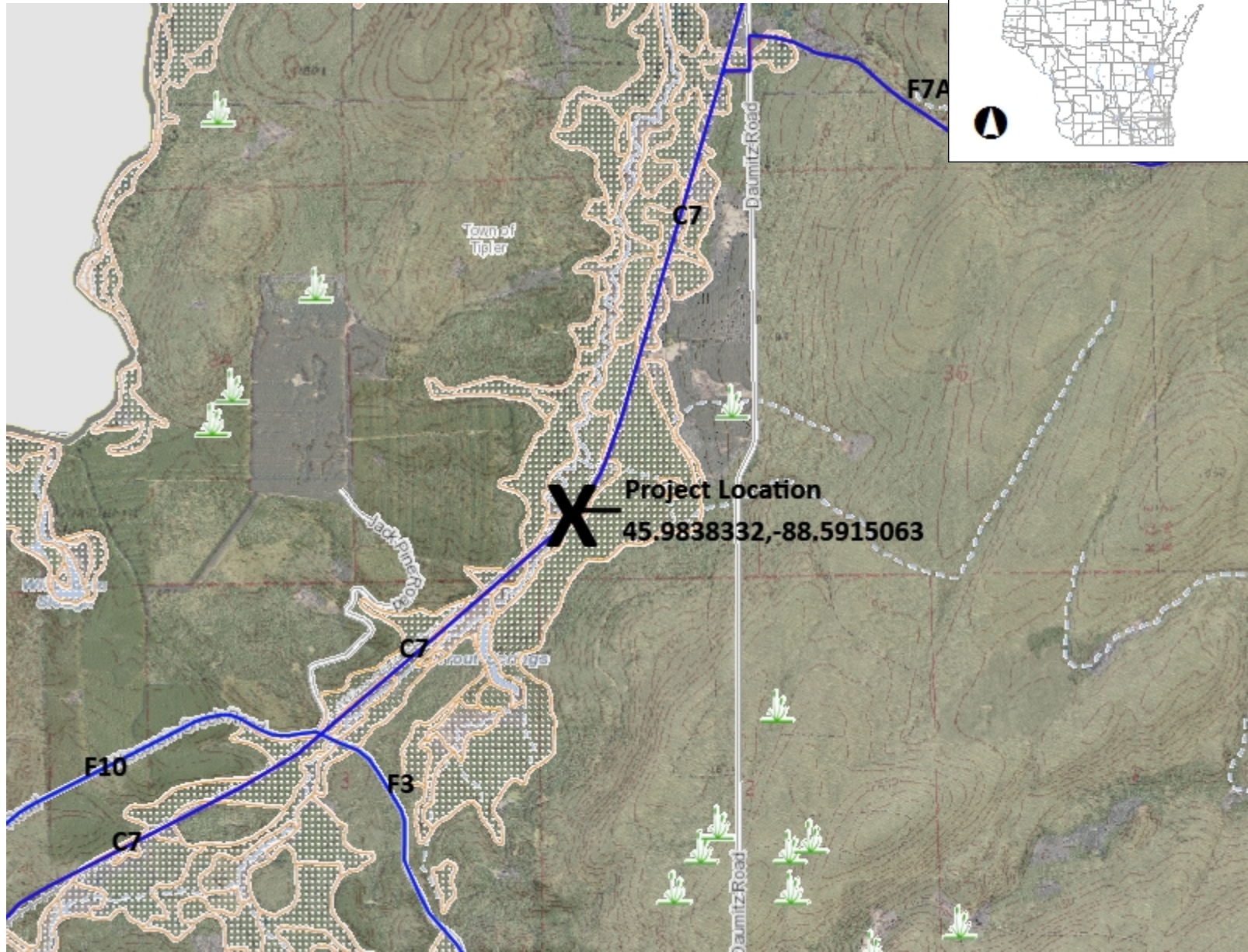
Bridge permit should be on file with the Waterways Dept as this was a grant funded project from the 2010's according to our Administrator.

Miles affected (4.61) are based on using an adjacent road that is not part of the funded trail system. To get to the same point on the Michigan side greatly exceeds 20 miles.



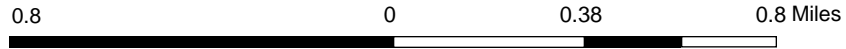


S.W.D.V. Map: Aerial, Wetland, Topo.



Legend

- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points
- Dammed pond
- Excavated pond
- Filled/draind wetland
- Wetland too small to delineate
- Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations
- Municipality
- State Boundaries
- County Boundaries
- Major Roads**
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads**
 - County HWY
 - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water



NAD_1983_HARN_Wisconsin_TM

1: 23,760

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

Notes

F10 Not Funded (Club Trail)





State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue Green Bay WI
54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



INSPECTION REPORT FOR **NR-19-006**

Nicolet State Trail over Wisconsin Creek
October 26, 2020



Identification & Location

Structure No.	NR-19-006	State Division	Trails
Feature On	Nicolet State Trail	Location	Nicolet State Trail
Feature Under	Wisconsin Creek	Trail Mile	
Sect/Twn/Rng		Latitude	N45.98374
Municipality		Longitude	W88.59164
County	Florence	Owner	
Year Built	2011	Maintainer	WI DNR

Inspection

Type	Prior Date	Frequency (mos)
Routine	11/8/2012	
SIA Review		

Inspector

Inspector	Number	Date	Completion Time
Eugene Hietpas	9708	10/26/2020	30 Minutes
Signature	<i>Eugene Hietpas</i>		
Team Members	Matthew Courtney		

Geometry

Total Width (ft)	12	Clr Deck Width (ft)	12
Total Length (ft)	91	Deck Area (sq ft)	1092
Deck Surface Material	Timber		

Span(s)

Span No.	Material	Configuration	Length (ft)
1	Steel	Low Truss	91

Hydraulic

High Water Elevation (ft)	
Q100 (ft ³ /sec)	
Velocity (ft/sec)	

Capacity

Inventory Rating		Last Rating Date	
Operating Rating		Controlling	

Elements

Quantity in Condition State

Element	Defect	Description	UOM	Total	1	2	3	4	Comments
31		Timber Deck	SF	1092		1092			Built 2011; snow covered
216		Timber Abutments	LF	30		30			
313		Fixed Bearing	EA	2		2			
311		Movable Bearing	EA	2		2			
8400		Integral Wingwall	EA	4		4			
121		Steel Truss - Bottom	LF	182		182			Unpainted
120		Steel Truss	LF	728		728			Unpainted
152		Steel Floor Beam	LF	108		108			Transverse booms
152		Steel Floor Beam	LF	728		728			

Assessments

Quantity in Condition State

Element	Description	UOM	Total	1	2	3	4	Comments
9030	Signs - Object Markers	EA	4		4			
9041	Slope Protection - Bare	EA	2		2			
9324	Approach Roadway - Gravel	EA	2		2			

NBI Ratings

	File	New
Deck	8	7
Superstructure	8	7
Substructure	8	7
Culvert	N/A	N/A
Channel	8	8
Waterway	8	8

Structure Specific Notes

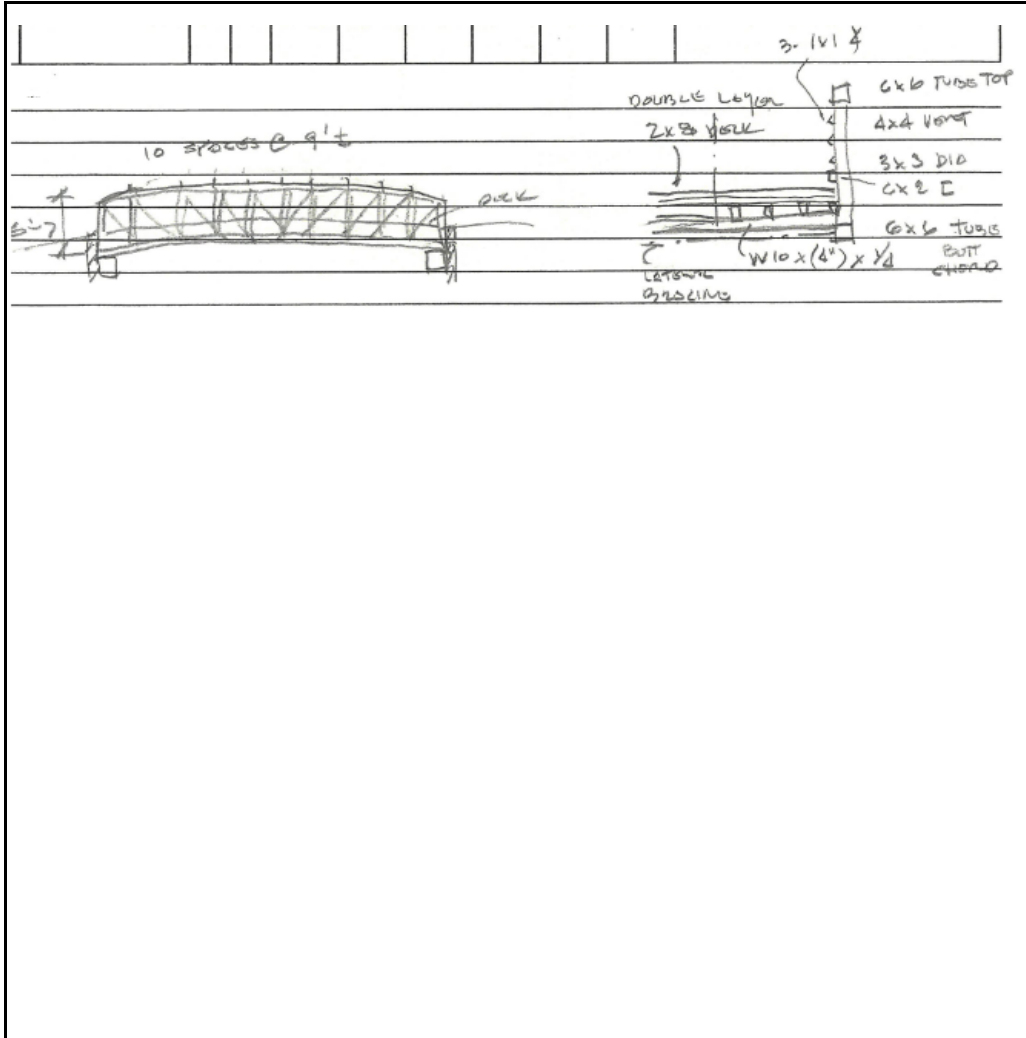
Inspection Specific Notes

Inspector Site-Specific Safety Considerations

Maintenance Items History

Item	Priority	Recommended By	Status Date

Sketch





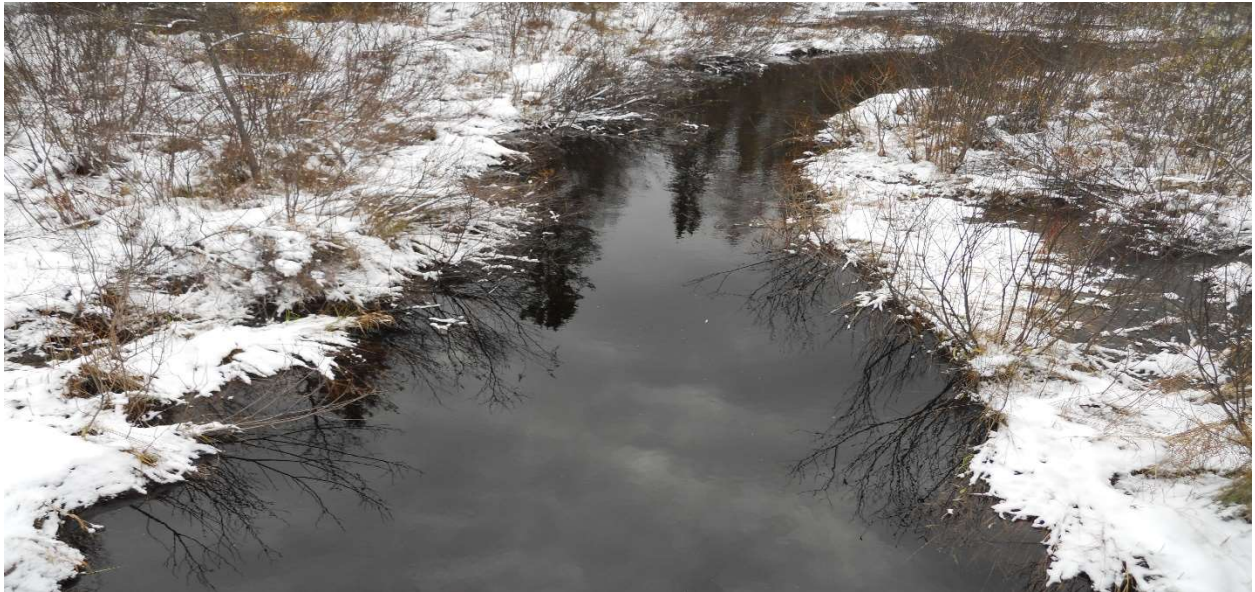
North approach, looking south.



South approach, looking north.



Downstream looking north.



Upstream looking south.



South abutment, looking south.



North abutment, looking north.



Underdeck, looking north.



Nine-ton limit sign, looking southwest.



West fascia, looking southeast.



East fascia, looking southwest.