CROW WING COUNTY
MINNESOTA

C.8.

February 2, 2026

City of Crosslake
Char Nelson, Clerk
City Hall, 37028 County Rd 66
Crosslake, Minnesota 56442

Re: Annual Bridge Inspections

Dear Char Nelson,

The annual bridge inspections for 2025 have been completed in accordance with Minnesota Statutes, Chapter 165. A bridge is defined as a drainage structure with a span of 10-feet or more; therefore, large culverts are considered bridges for inspection purposes as well as the more conventional bridge structures. A copy of the inspection report for bridges inspected in 2025 under your jurisdiction is enclosed. Please note that all bridges are not necessarily inspected each year. Depending on the type and condition of a structure the inspection frequency may be as high a 48-month interval.

The key information to look at on the inspection report may be the comments made by the Inspector and any change in an element condition from years prior printed in red. The "Sufficiency Rating" has moved to the first page of the "Minnesota Bridge Inspection Report", located on right, just above the first element in the report.

Since bridges represent a considerable investment of taxpayer dollars, you are encouraged to seriously review each report as well as conduct an on-site review of your bridges to confirm existing conditions and take appropriate action. This office is available to provide advice as to maintenance procedures and answer any questions related to bridges. You may contact the following: Wayne Dosh, Senior Engineering Technician and Certified Bridge Inspector; Rob Hall, Assistant County Highway Engineer and Timothy Bray, County Highway Engineer.

Sincerely,

Timothy Bray P.E.
County Highway Engineer

By: Wayne Dosh
Wayne Dosh Senior Engineering Technician

Timothy V. Bray
County Engineer
Highway Department
16589 County Road 142
Brainerd, MN 56401

Office: (218) 824-1110
www.crowwing.gov

Our Vision: Being Minnesota's favorite place.
Our Mission: Serve well. Deliver value. Drive results.
Our Values: Be responsible. Treat people right. Build a better future.

ROUTINE (SNBI)
BRIDGE INSPECTION REPORT

Bridge # 18533 | DREAM ISLAND RD over CHANNEL LITTLE PINE LK

District: District 3 **County:** 18 - Crow Wing **City/Township:** 13978 - Crosslake

State: 27 - Minnesota **Owner:** L03 - City or municipal highway agency **Maint Area:** **Crew:**

Date of Inspection: 11/04/2025

Inspection Types: Routine (SNBI)

Equipment Used (Routine): A05 - Waders, IX - Other

Inspection Agency: Crow Wing County

Inspectors: Wayne Dosh

Report Written By: Dosh,Wayne

Report Reviewed By: Timothy Bray

Final Report Date: 01/09/2026

Minnesota Structure Inventory Report

Bridge Number: 18533 **Feature Carried:** DREAM ISLAND RD **Feature Intersected:** CHANNEL LITTLE PINE LK

IDENTIFICATION

Loc.: 1.7 MI E OF JCT CSAH 6
Lat/Long: 46.700311, -94.076317
County: 18 - Crow Wing
City: Cross Lake Town:
District: District 3 Maint Area:
Bridge Crew:

Sect. Twp. Range: 10 137N 27W
Agency Br No: CITY34
Bridge Name:
Insp. Agency: Crow Wing County
Custodian: L03 - City or municipal highway agency
Owner: L03 - City or municipal highway agency

Year Built: 2017 Rehab Yr:
Date Opened: 11/13/2017
BB Number: N
BB Lead State:
Historical Sign: 7
Ref.Post: 002+00.070

STRUCTURE GEOMETRY

Service Carried: 1-Highway - with LRS
Service Under: 6-Waterway
MN Span Material: 5 - Prestress or Precast
MN Span Design: 01 - Beam Span
NBIS Length (ft): 48.1
Max Span Length (ft): 46.0
Min Span Length (ft): 46.0
Width Out-to-Out / Barrel Len.: 22.0
Br. Width Curb-to-Curb (ft): 20.0
Deck Install year: 2016
Wear Course Fill Depth (ft)/Year: 0.00 Yr: 2017
Culvert Type:
Roadway Area (sq ft): 963
Deck Area (sq ft): 1060.0
Approach Rdwy Width (ft): 20.0
Median Type: 0 - No median
Median Width (ft): 0.0
Max. Bridge Height (ft): 8
Skew: 0
Sidewalk Width: LT: 0.0 RT: 0.0

BRIDGE BARRIERS AND TRANSITIONS

Barrier Code N/W: 55
Barrier Code S/E: 55
Median Barrier: NN
Railing Crash: 3504
Transition Crash: N

LOAD CAPACITY

Status: A - Open
Design Load: HL93 - HL-93
Design Method:
Load Posting:
Inventory Rating: 1.25
Operating Rating: 2.48
Rating Date: 2016-05-18
Permit Codes: 1 1 1

CONDITION AND APPRAISAL RATINGS

Condition

Bridge Condition: G - Good
Deck: 7 - GOOD
Superstructure: 8 - VERY GOOD
Substructure: 8 - VERY GOOD
Culvert: N - NOT APPLICABLE
Railings: 7 - GOOD
Transitions: N - NOT APPLICABLE
Bearings: 8 - VERY GOOD
Joints: N - NOT APPLICABLE
Channel: 8 - VERY GOOD
Channel Protection: 8 - VERY GOOD
Scour: 8 - VERY GOOD

Appraisal

Approach Alignment: F - Fair
Scour Vulnerability: A
Overtopping Likli.: 1 - Remote - once every 100 years or less frequently

PAINT

Year Painted:
Painted Area: sq ft
Primer Type:
Finish Type:
Paint Prop:
Paint Spec:

SIGNS

Load Posting: 0 - Not Required
Horizontal Clear: 1 - Object Markers
Vertical Clearance: N - Not Applicable
Traffic: 0 - Not Required

IMPROVEMENT COSTS (TWP)

Proposed Work:
Proposed Structure:
Year of Estimate:
Improvement Cost:

INSPECTION EVENTS

Last Reviewed By: Timothy Bray
Preferred Interval:
Days in field: 1 Day/s

Routine

Last Routine: 11/04/2025
Routine Interval: 24
Next Routine Due: 11/30/2027

NSTM

NSTM Required: N - NSTM inspection not required
Last NSTM:
NSTM Condition: N - NOT APPLICABLE
Fatigue Details E/E': 0

Underwater

Underwater Req: N - Underwater inspection not required
Last Underwater:
Underwater Cond: N - NOT APPLICABLE

Pinned Assembly (Special)

Pinned Detail (Y/N): N
Last Pinned Insp:
Pinned Interval:

In-Depth/Complex (In Depth)

Complex Required: N - Bridge does not have complex feature
Last Complex:
Complex Interval:

WATERWAY

MN Scour Code: L
MN Scour Eval Year: 2016
POA Required: 0 - A scour POA is not required.
NBI Waterway Open: 69
NBI Drainage Area: 150
Flood Zone:

SNBI Bridge Items: Required Data Collection

Fields with an * (asterix) must have a value

Bridge Number: 18533 **Feature Carried:** DREAM ISLAND RD **Feature Intersected:** CHANNEL LITTLE PINE LK

INSPECTION DETAILS

Last Routine Date / Freq:	11/04/2025 24 Months
Bridge Condition	G - Good
Status:	A - Open
Inspection Agency:	Crow Wing County
Latitude/Longitude:	46.700311 , -94.076317

STRUCTURE

Service Carried:	1-Highway - with LRS
Service Under:	6-Waterway
MN Span Design:	01 - Beam Span
MN Span Material:	5 - Prestress or Precast

Posted Load: Veh: Semi: Dbl:

CONDITION - Values can not be 9

B.C.01: Deck Rating:	7 - GOOD
B.C.02: Superstructure Rating	8 - VERY GOOD
B.C.03: Substructure Rating	8 - VERY GOOD
B.C.04: Culvert Rating	N - NOT APPLICABLE
*B.C.05: Bridge Railing Rating	7 - GOOD
*B.C.06: Rail Transition Rating	N - NOT APPLICABLE
*B.C.07: Bearing Rating	8 - VERY GOOD
*B.C.08: Joint Rating	N - NOT APPLICABLE
B.C.09: Channel Rating	8 - VERY GOOD
*B.C.10: Channel Prot. Rating	8 - VERY GOOD
*B.C.11: Scour Rating	8 - VERY GOOD

APPRAISAL

B.AP.01: Approach Alignment	F - Fair
B.AP.02: Overtopping Lik.	1 - Remote - once every 100 years or less frequently

FIELD COLLECTION - Bridge Railing Crash Test Rating

If railing/guardrail is not present AND not required B.RH.01/.02 and B.C.05/.06 should be coded N

Barrier Codes: N/W: 55 S/E: 55 Med: NN

*B.RH.01: Bridge Railings	3504 - NCHRP 350 (1993) - Test Level 4
*B.RH.02: Transitions	N - Not Applicable

FIELD COLLECTION - Measurements

*B.G.12: Curved Bridge	N - Not Curved
*B.G.13: Max Bridge Height	8
*B.G.04: Minimum Span Length	46.0

FIELD VERIFICATION - If skewed use the formula

Measurement / cos(skew) for Bridge Length and Max Span

B.G.01: NBIS Bridge Length	48.1
B.G.03: Max Span Length	46.0
B.G.05: Bridge Width O-O	22.0
B.G.06: Bridge Width C-C	20.0
B.G.07: N/W Curb or SW Width	0.0
B.G.08: S/E Curb or SW Width	0.0
Deck Install Year	2016
Wear Surface Install Year	2017
Wear Course Fill Depth (ft)	0.00
B.G.09: Approach Rdwy Width	20.0
B.G.10: Bridge Median	0 - No median
MnDOT Median Width	0.0
B.G.11: Skew	0

MINNESOTA BRIDGE INSPECTION REPORT

01/15/2026

BRIDGE 18533 M 24 OVER CHANNEL LITTLE PINE LK

County: Crow Wing
City: Cross Lake
Township:
Section: 10 Township: 137N Range: 27W
Span Type: 5 - Prestressed Concrete 2 - Stringer/ Multi-beam or Girder
List:
NBI Deck: 7 Super: 8 Sub: 8 Chan: 8

Location: 1.7 MI E OF JCT CSAH 6
Route: 10 - MUN 24 Ref. Pt.: 002+00.070
Control Section:
Maint. Area:
Local Agency Bridge Nbr.: CITY34
Culv: N
Open, Posted, Closed: A - Open
MN Scour Code: L - STBL - LOW RISK

Length: 48.1 ft.
Deck Width: 22.0 ft.
Rdwy. Area/ Pct. Unsnd: 963 sq. ft. / %
Paint Area/ Pct. Unsnd: sq. ft. / %
Culvert: N/A
Postings:

Appraisal Ratings - Approach: 6 Waterway: 9
Required Bridge Signs - Load Posting: 0 - Not Required Traffic: 0 - Not Required
Horizntal: 1 - Object Markers Vertical: N - Not Applicable

Unofficial Structurally Deficient N
Unofficial Functionally Obsolete N
Unofficial Sufficiency Rating 93.5

ELEM NBR	ELEMENT NAME	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
12	Reinforced Concrete Deck	Routine (SNBI)	11/04/2025	1060 SF	1060	0	0	0
		Routine	11/02/2023	1060 SF	1060	0	0	0
	Notes: 11/04/2025 - 11/02/2023: There are some minor transverse random cracks with minor leaching visible on the side of the deck and minor longitudinal cracks at deck ends. There are minor longitudinal cracks visible on the bottom of the deck following the rebar chairs. None of the cracks visible have any leaching or efflorescence. 11/03/2021: There are minor longitudinal cracks visible on the bottom of the deck following the rebar chairs. None of the cracks visible have any leaching or efflorescence. 11/05/2019: Like new.							
	510 - Wearing Surfaces	Routine (SNBI)	11/04/2025	963 SF	963	0	0	0
		Routine	11/02/2023	963 SF	963	0	0	0
	Notes: 11/04/2025 - 11/02/2023: The surface of the deck has minor unsealed transverse cracks across the deck and minor longitudinal cracks, 10' to 15' long, located at the roadway centerline over the abutments at both ends of the deck. 11/03/2021: The surface of the deck has minor longitudinal cracks, 10' to 15' long, located at the roadway centerline over the abutments at both ends of the deck. 11/05/2019: Like new.							
109	Prestressed Concrete Open Girder/ Beam	Routine (SNBI)	11/04/2025	189 LF	189	0	0	0
		Routine	11/02/2023	189 LF	189	0	0	0
	Notes: 11/04/2025 - 11/02/2023: No notable defects or deterioration.							
215	Reinforced Concrete Abutment	Routine (SNBI)	11/04/2025	73 LF	73	0	0	0
		Routine	11/02/2023	73 LF	73	0	0	0
	Notes: 11/04/2025 - 11/02/2023: No notable defects or deterioration.							
332	Timber Bridge Railing	Routine (SNBI)	11/04/2025	99 LF	83	16	0	0
		Routine	11/02/2023	99 LF	83	16	0	0
	Notes: 11/04/2025 - 11/02/2023: All of the rail posts have checks or shakes that penetrates 5% to 50% of the post thickness. 11/03/2021: Timber railing is in good condition. All connections are in place and functional. Timber railing does in fact measure 99 feet!							
800	Critical Deficiencies or Safety Hazards	Routine (SNBI)	11/04/2025	1 EA	1	0	0	0
		Routine	11/02/2023	1 EA	1	0	0	0

BRIDGE 18533 M 24 OVER CHANNEL LITTLE PINE LK

ELEM NBR	ELEMENT NAME	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
822	Bituminous Approach Roadway	Routine (SNBI)	11/04/2025	2 EA	2	0	0	0
		Routine	11/02/2023	2 EA	0	2	0	0
	Notes: 11/04/2025: Approaches have been patched and seal coated. There has been no new settlement since the approaches were seal coated. 11/02/2023 - 11/03/2021: Minor settlement has occurred at the abutments in the approaches. There is a bituminous patch present at the deck joint to prevent plows from catching the concrete deck. 11/05/2019: Approaches were paved spring 2018.							
855	Secondary Members (Superstructure)	Routine (SNBI)	11/04/2025	1 EA	1	0	0	0
		Routine	11/02/2023	1 EA	1	0	0	0
	Notes: 11/04/2025 - 11/02/2023: Isolated minor cracks in the concrete diaphragms.							
891	Other Bridge Signing	Routine (SNBI)	11/04/2025	1 EA	1	0	0	0
		Routine	11/02/2023	1 EA	1	0	0	0
	Notes: 11/04/2025 - 11/03/2021: Object markers have been mounted on posts and are 4' above the pavement, back from the bridge railing. Object marker sign reflective sheeting has minor damage, suspect from being initially installed too low and damage was done by the plow or a sweeper. 11/05/2019: Object markers are mounted on the bridge railing and the bottom of the signs are inches above the roadway pavement. The Minnesota Manual on Uniform Traffic Control Devices states the bottom of the object marker should be installed 4 feet above the pavement.							
892	Slopes & Slope Protection	Routine (SNBI)	11/04/2025	1 EA	1	0	0	0
		Routine	11/02/2023	1 EA	1	0	0	0
	Notes: 11/04/2025 - 11/02/2023: Past eroded areas have been repaired with sewer rock. Slopes appear to be stable. 11/03/2021: Erosion behind the wing-walls appears to have stabilized. Erosion appears to have been initially caused by utility work in the area of the west wingwalls. 11/05/2019: Erosion occurring behind the wing-walls at the SW and NW corners. It appears the erosion was caused by utility work in the area of the wingwall.							
893	Guardrail	Routine (SNBI)	11/04/2025	1 EA	0	1	0	0
		Routine	11/02/2023	1 EA	1	0	0	0
	Notes: 11/04/2025: The cable guardrail on the bridge approaches is again low, continuing to settle and tip. 11/02/2023: Repairs have been made. No notable damage or deterioration. 11/03/2021: The cable guardrail on the north side of the bridge has settled. Today the height to the center cable measures 14 inches, and should measure 24 inches. The SW cable has had a traffic impact bending over 2 posts in the middle of the run and the king post at the bridge in the SW run is leaning slightly to the south. 11/05/2019: Cable has now been installed on the south approach as well. Again none of the cable is attached to the bridge and the anchorage for the cable is installed just before the wing-walls. The SW cable has had a traffic impact bending over 2 posts in the middle of the run and the king post at the bridge in the SW run is leaning slightly to the south. 12/06/17: Cable guardrail installed on both sides of the north approach only. Guardrail is not attached to the bridge. The cable rail in place with the original bridge on this site was installed to discourage snowmobilers from using the road embankment as a launch pad.							
894	Deck & Approach Drainage	Routine (SNBI)	11/04/2025	1 EA	0	1	0	0
		Routine	11/02/2023	1 EA	0	1	0	0
	Notes: 11/04/2025 - 11/03/2021: Water is draining the minor erosion behind the wingwalls and through the cork joints, then draining across the bridge seat.							
899	Miscellaneous Items	Routine (SNBI)	11/04/2025	1 EA	1	0	0	0
		Routine	11/02/2023	1 EA	1	0	0	0
	Notes: 11/04/2025 - 11/03/2021: Utility is attached to the west bridge curb.							
900	Protected Species	Routine (SNBI)	11/04/2025	1 EA	0	1	0	0
		Routine	11/02/2023	1 EA	0	1	0	0
	Notes: 11/04/2025 - 11/05/2019: None observed.							
~~885~~	~~Scour~~	~~Routine (SNBI)~~	~~11/04/2025~~	~~0 EA~~	~~0~~	~~0~~	~~0~~	~~0~~

BRIDGE 18533 M 24 OVER CHANNEL LITTLE PINE LK

ELEM NBR	ELEMENT NAME	REPORT TYPE	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4

General Notes: 11/04/2025: Assisted by Justin Larson.
11/04/2025: Waded under the bridge. Water is 2 feet deep.
11/02/2023: Water was about 2' deep. Inspected without waders or boat today.
11/03/2021 - 11/05/2019: Was able to wade beneath the bridge. Water depth in the channel is 2 - 2.5 feet deep today.
12/06/17: Bridge has opened to traffic on November 13th of 2017. Was able to walk beneath the bridge to inspect. Water is open beneath bridge today. Water depth in the channel under the bridge is 1-1.5 feet deep. Roadway approaches are gravel and will not be paved till spring.
The, "dummy" inspection was created by the MnDOT Bridge Office --- THIS IS NOT AN ACTUAL FIELD INSPECTION.

58. Deck NBI: 11/04/2025: Some minor defects. Minor cracks longitudinal cracks on the bottom of the deck following the reinforcement chairs. Some minor cracks visible on the top at the ends of the deck. there are some moderate cracks seen on the outside face of the bridge with light efflorescence.

36A. Brdg Railings NBI:

36B. Transitions NBI:

36C. Appr Guardrail NBI:

36D. Appr Guardrail Terminal NBI:

59. Superstructure NBI:

60. Substructure NBI:

61. Channel NBI: 11/04/2025: Banks are well vegetated, No bank erosion evident.

62. Culvert NBI:

71. Waterway Adeq NBI:

72. Appr Roadway Alignment NBI:

Wayne Dosh
Inspector's Signature

API WSG
Reviewer's Signature

Bridge:	**18533**	Last SNBI Routine Date:	**11/04/2025**
Overall Cond:	**G - Good**	Next SNBI Routine Due:	**11/30/2027**

SNBI Component Condition and Appraisal Notes

General Notes

11/04/2025: Assisted by Justin Larson.
11/04/2025: Waded under the bridge. Water is 2 feet deep.
11/02/2023: Water was about 2' deep. Inspected without waders or boat today.
11/03/2021 - 11/05/2019: Was able to wade beneath the bridge. Water depth in the channel is 2 - 2.5 feet deep today.
12/06/17: Bridge has opened to traffic on November 13th of 2017. Was able to walk beneath the bridge to inspect. Water is open beneath bridge today. Water depth in the channel under the bridge is 1-1.5 feet deep. Roadway approaches are gravel and will not be paved till spring.
The, "dummy" inspection was created by the MnDOT Bridge Office --- THIS IS NOT AN ACTUAL FIELD INSPECTION.

B.C.01: Deck

7 - GOOD

11/04/2025: Some minor defects. Minor cracks longitudinal cracks on the bottom of the deck following the reinforcement chairs. Some minor cracks visible on the top at the ends of the deck. there are some moderate cracks seen on the outside face of the bridge with light efflorescence.

B.C.02: Superstructure

8 - VERY GOOD

B.C.03: Substructure

8 - VERY GOOD

B.C.04: Culvert

N - NOT APPLICABLE

B.C.05: Railings

7 - GOOD

11/04/2025: Minor weathering and checking.

B.C.06: Railing Transitions

N - NOT APPLICABLE

Bridge has no transition installed.

B.C.07: Bearings

8 - VERY GOOD

10/04/2025: Properly aligned and functioning as intended.

B.C.08: Joints

N - NOT APPLICABLE

B.C.09: Channel

8 - VERY GOOD

11/04/2025: Banks are well vegetated, No bank erosion evident.

B.C.10: Channel Protection

8 - VERY GOOD

11/04/2025: No scour or erosion of channel protection.

B.C.11: Scour

11/04/2025 - 11/02/2023: No scour or undermining of riprap channel protection.

8 - VERY GOOD

B.RH.01: Bridge Railings

3504 - NCHRP 350 (1993) - Test Level 4

B.RH.02: Railing Transitions

N - Not Applicable

B.AP.01: Approach Alignment

F - Fair

B.AP.02: Overtopping Likelihood

1 - Remote - once every 100 years or less frequently

END OF CCR AND APPRAISAL NOTES

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 1

Description 11-04-2025 (1)

PHOTO 2

Description 11-04-2025 (2)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

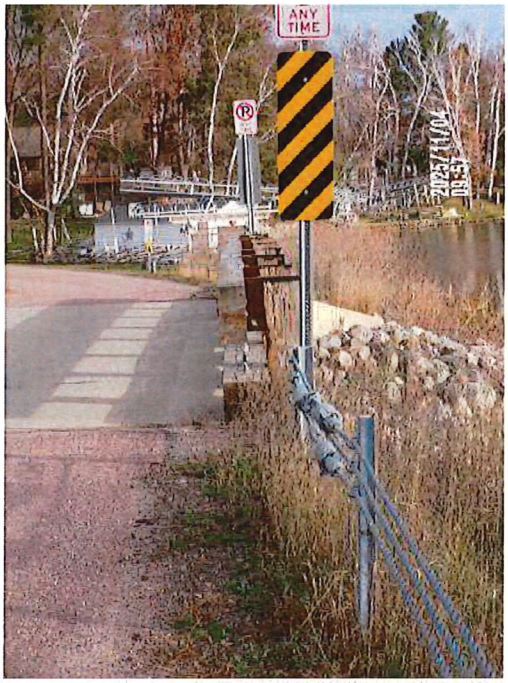

PHOTO 3

Description 11-04-2025 (3)

PHOTO 4

Description 11-04-2025 (4)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 5

Description 11-04-2025 (5)

PHOTO 6

Description 11-04-2025 (6)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 7

Description 11-04-2025 (7)

PHOTO 8

Description 11-04-2025 (8)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 9

Description 11-04-2025 (9)

PHOTO 10

Description 11-04-2025 (10)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 11

Description 11-04-2025 (11)

PHOTO 12

Description 11-04-2025 (12)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

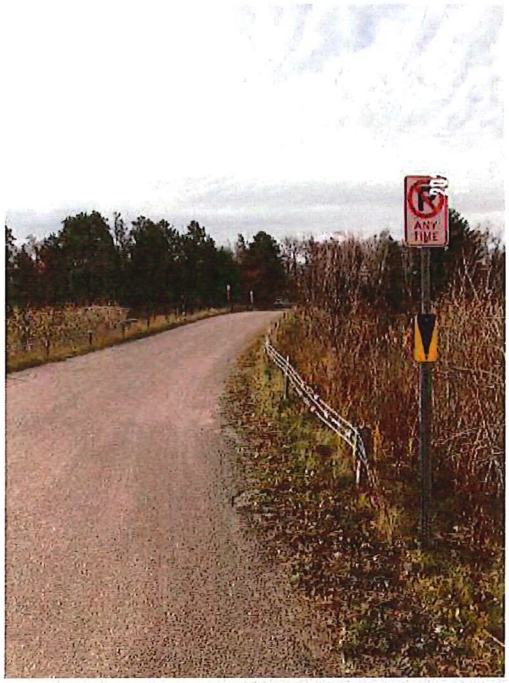

PHOTO 13

Description 11-04-2025 (13)

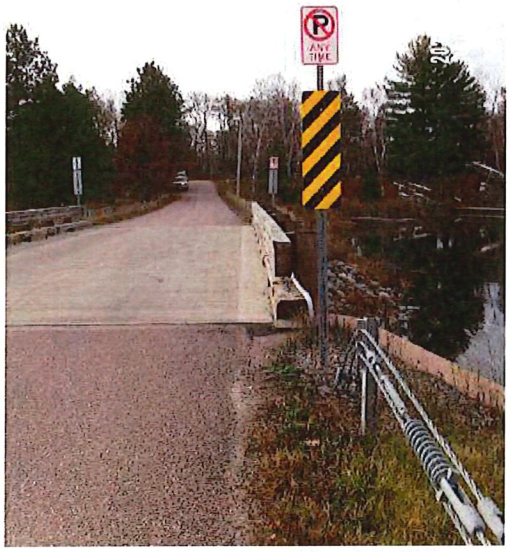

PHOTO 14

Description 11-04-2025 (14)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 15

Description 11-04-2025 (15)

PHOTO 16

Description 11-04-2025 (16)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 17

Description 11-04-2025 (17)

PHOTO 18

Description 11-04-2025 (18)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 19

Description 11-04-2025 (19)

PHOTO 20

Description 11-04-2025 (20)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 21

Description 11-04-2025 (21)

PHOTO 22

Description 11-04-2025 (22)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 23

Description 11-04-2025 (23)

PHOTO 24

Description 11-04-2025 (24)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 25

Description 11-04-2025 (25)

PHOTO 26

Description 11-04-2025 (26)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 27

Description 11-04-2025 (27)

PHOTO 28

Description 11-04-2025 (28)

Inspector: Wayne Dosh **Structure Number:** 18533

Inspection Date: 11/04/2025 **Facility Carried:** M 24

Bridge Inspection Report

Pictures

PHOTO 29

Description 11-04-2025 (29)

PHOTO 30

Description 11-04-2025 (30)

Equipment

Bridge: 18533 **Inspection Date:** 11/04/2025

NBI Equipment -This equipment was selected on the old Equipment form

Equipment		Snooper
Life Jacket	True	S1
Full Body Harness		S2
Ladder		S3
Boat		S4
Confined Space		NDT Comments
Probing Rod	True	
Chain Drag		
Manlift		Other NDT COmments
Moog		
Boom Truck		Waders Assisted by Ted Dullum
UAS	☐	

SNBI Equipment per Inspection Type - Inspection Year 2025 or Newer

B.IE.12: Inspection Equipment (Routine)	A05 - Waders, IX - Other
B.IE.12: Inspection Equipment (Underwater)	
B.IE.12: Inspection Equipment (NSTM)	
B.IE.12: Inspection Equipment (In-Depth)	
B.IE.12: Inspection Equipment (Damage)	
B.IE.12: Inspection Equipment (Special)	

Inspector: Dosh,Wayne **Structure Number:** 18533

Inspection Date: 11/04/2025 **Main Feature Carried:** DREAM ISLAND RD

Bridge Inspection Report

Minnesota Structure Inventory Report

Bridge ID: 18533 **DREAM ISLAND RD over CHANNEL LITTLE PINE LK**

+ GENERAL +

Agency Br. No.	CITY34 Crew
District	03 Maint. Area
County	018 - Crow Wing
City	Cross Lake
Township	
Desc. Loc.	1.7 MI E OF JCT CSAH 6
Sect., Twp., Range	10 137N - 27W
Latitude	46.700311
Longitude	-94.076317
Custodian	04 - City or Municipal Highway Agency
Owner	04 - City or Municipal Highway Agency
Insp Responsibility	Crow Wing County
Year Built	2017
Date Opened to Traffic	11/13/2017
MN Year Remodeled	
FHWA Year Reconstructed	
Bridge Plan Location	3 - COUNTY
Potential ABC	2 - N/A

+ STRUCTURE +

Service On	1 - Highway
Service Under	5 - Waterway
Main Span Type	5 - Prestress or Precast 01 - Beam Span
Main Span Detail	
Appr. Span Type	No Approach Span No Approach Span
Appr. Span Detail	
Skew	0
Culvert Type	
Barrel Length	

Number of Spans

MAIN: 1 APPR: 0 TOTAL: 1

Main Span Length	46.0 ft
Structure Length	48.1 ft
Deck Width (Out-to-Out)	22.0 ft
Deck Material	1 - Concrete Cast-in-Place
Wear Surf Type	1 - Monolithic Concrete (concurrently placed with structural deck)
Wear Surf Install Year	2017
Wear Course/Fill Depth	0.00 ft
Deck Membrane	0 - None
Deck Rebars	1 - Epoxy Coated Reinforcing
MN Rebar Coating	EE
Deck Install Year	2016
Structure Area (Out-to-Out)	1060 sq ft
Roadway Area (Curb-to-Curb)	963 sq ft

	L/R	
Sidewalk Width - L/R	0	0 ft
Curb Height - L/R	0	0 ft
Rail Codes - L/R	55	55

+ ROADWAY ON BRIDGE +

Facility	M 24
LRS Functional Class	7 - Local
ADT 49	YEAR 2016 Urban Code 99999
HCADT	ADTT %
National Highway System	0
LRS Mile Point I/D	2.078 / 2.078
Speed Limit	
Detour Length	999
Lanes	2 Lanes ON Bridge
Control Section (TH Only)	
Function	1 - MAINLINE
Type	2 - 2-way traffic
Bridge Match ID	1
Roadway Key	Route On Structure

+ RDWY DIMENSIONS ON BRIDGE +

If Divided:	NB-EB	SB-WB
Roadway Width	20.0 ft	ft
Vertical Clearance	ft	ft
Max. Vert. Clear.	ft	ft
Horizontal Clear.	20.0 ft	ft
Appr. Surface Width	20.0 ft	
Bridge Roadway Width	20.0 ft	
Median Width On Bridge	0.0 ft	

+ MISC. BRIDGE DATA +

Structure Flared	0 - No flare
Parallel Structure	N - No parallel structure
Field Conn. ID	
Cantilever ID	

Foundations (Material/Type)

Abutment	1 - CONC	8 - INTEGRAL
Pier	N - N/A	N - N/A

Historic Status	4 - Not determinable
On - Off System	0 - OFF

+ PAINT +

Year Painted	
Painted Area	sq ft
Primer Type	
Finish Type	

+ BRIDGE SIGNS +

Posted Load	0 - Not Required
Traffic	0 - Not Required
Horizontal	1 - Object Markers
Vertical	N - Not Applicable

+ INSPECTION +

Last Routine Insp Date	11/04/2025
Routine Insp Frequency	24
Inspector Name	Dosh,Wayne
Status	A - Open

+ NBI CONDITION RATINGS +

Deck	7
Superstructure	8
Substructure	8
Channel	8
Culvert	N

+ NBI APPRAISAL RATINGS +

Structure Evaluation	8
Deck Geometry	5
Underclearances	N
Waterway Adequacy	9
Approach Alignment	6

+ SAFETY FEATURES +

Bridge Railing	1 - MEETS STANDARDS
GR Transition	N - NOT REQUIRED
Appr. Guardrail	N - NOT REQUIRED
GR Termini	N - NOT REQUIRED

+ SPECIAL INSPECTIONS +

	Y/N	Freq	Date
NSTM	N		
Underwater	N		
Pinned Asbly.	N		

+ WATERWAY +

Drainage Area (sq mi)	150
Waterway Opening (sq ft)	69
Navigation Control	0 - No nav. control on waterway
Pier Protection	
Nav. Clr. (ft)	Vert. 0.0 Horiz. 0.0
Nav. Vert. Lift Bridge Clear. (ft)	0.0
MN Scour Code	L - STBL - LOW RISK
Scour Evaluation Year	2016

+ CAPACITY RATINGS +

Design Load	A - HL 93	
Operating Rating	3 - HL-93	2.48
Inventory Rating	3 - HL-93	1.25

Posting VEH: SEMI: DBL:

Rating Date 05/18/2016

Overweight Permit Codes

A: 1 B: 1 C: 1

Inspector:	Dosh,Wayne	**Structure Number:**	18533
Inspection Date:	11/04/2025	**Main Feature Carried:**	DREAM ISLAND RD

Bridge Inspection Report

Unpainted Weathering Steel Checklist

Bridge owners must fill out the following checklist during either the 2024 or 2025 inspection season (depending on the bridge inspection due date) and submit it with the bridge inspection report for all bridges with uncoated or unpainted weathering steel elements in the primary load path (superstructure or substructure). This checklist will only need to be completed once.

Presence and Location of Unpainted Weathering Steel	
Does the bridge have primary superstructure elements constructed of uncoated or unpainted weathering steel?	No
Does the bridge have primary substructure elements constructed of uncoated or unpainted weathering steel?	No
General Unpainted Weathering Steel Condition	
Have the high corrosion areas of the weathering steel (beam ends at the abutments, areas below deck joints, or fascia's) been painted, galvanized, or otherwise coated?	NA
Have site conditions negatively impacted the performance of the uncoated or unpainted weathering steel?	NA
Do any of the weathering steel elements have flaking rust or section loss?	NA
Recommended Action: Are there any areas of flaking rust or section loss that require additional testing or evaluation?	NA
Recommended Action: Is painting of some areas of the unpainted weathering steel (or re-painting of previously coated areas) recommended?	NA
Joints	
Does the weathering steel below deck joints have flaking rust or section loss?	NA
Recommended Action: Is resealing, repair, or replacement of deck joints recommended?	NA
Drainage	
Does the weathering steel below or adjacent to deck drains or drainage system components have flaking rust or section loss?	NA
Recommended Action: Should the deck drainage system be flushed, repaired, retrofit or modified to prevent or reduce deterioration of the weathering steel?	NA
Dirt and Debris	
Are specific locations or details on the weathering steel collecting dirt or debris?	NA
Recommended Action: Is cleaning or flushing of the weathering steel recommended?	NA
Recommended Action: Should countermeasures or retrofits be installed to prevent the build-up of dirt or debris on the weathering steel?	NA
Program Administrator Review	☑