

CK-2497
CK-2497

ENGLISH 2.6km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°39'23.1"	-121°51'58.9"
Crossing Name	Side Creek
FSR #	5748
Branch #	29
Road Name	ENGLISH
User km	2.6
Previous Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	8
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
49°39'22.69"	-121°51'59.2"
HD Diff. (m)	14.2
Accuracy (m)	5
L30 or 27 tonnes	

Inspection

Date of Inspection 2021-06-02 10:47:08 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

The erosion/scour noted in the 2020 inspection under the log sill at the downstream left bank location continues. Approximately 50% of this material has now been eroded. Recommend repair prior to industrial use.

P.Eng Comments

The erosion/scour noted in the 2020 inspection under the log sill at the downstream left bank continues to persist. Approximately 50% of the foundational material under stringers 7 - 12 has been eroded. Replace the eroded foundational material under the left bank sill, ensure full bearing, and cover with scour protection/riprap. Limit loading to L30 or 27 tonnes until this work has been completed. Brush approaches and post bridge ahead signs. Monitor the scour under the left bank sill. Post load rating sign.



2021-06-08

P.Eng Seal

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Approach

Alignment Fair

HC and sharp VC left approach, steep grade through crossing

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

small diameter logs

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Single log sills both banks

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Poor

Scoured left bank

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts **Fair** Do not appear to be connected to stringers or abutments

Hand Rails/Walkouts

Hardware **unrated** Outside stringers not lashed to sill and pinning not evident - no movement apparent

Overall Deck Condition **Fair**

Gravel Depth (mm) **400**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Fair Do not appear to be connected to stringers or abutments

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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2020 Inspection data

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0.3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. m ² . Priority: Medium	Brush approaches
2 Approach. Add Warning Signs. # of signs. Priority: Low	Post bridge ahead signs
3 High	Repair scour under left bank log sill and place riprap protection
4 High	Post load rating sign
5	
6	
7	

Item	Monitor Description	Frequency
1	Scour under left bank sill	Anually
2		
3		



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Load Rating Sign



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Erosion downstream left bank extends to stringer 7



Erosion under stringers 7 and 8