

CK-2453
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NORRISH 7.4km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°14'9.09"	-122°7'56.7"
Crossing Name	Norrish Creek
FSR #	10326
Branch #	1
Road Name	NORRISH
User km	7.4
Previous Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5480911.0
Accuracy (m)	
L100 or 91 tonnes	

Inspection

Date of Inspection 2020-05-27 10:09:49 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

The timber deck components were replaced in 2014 and the wear planks are now starting to show excessive wear. In order to get the maximum life span from those timber structural members I recommend replacing the wear planks. Monitor the condition of the left bank erosion under the fill retention log in front of the sill log. The current load rating of L100 or 91 tonnes to continue.



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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 90680

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Fair Single log sills at both abutments

Piles or Posts

Ballast Wall Fair Logs

Wing Wall

Bracing

Hardware

Fill Fair Ravelling under fill retention log at left bank

Riprap Good BR canyon

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks Fair some showing signs of excessive wear

Sub Deck Fair

Ties Fair

Nails Fair Starting to protrude on worn planks

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Painted

Diaphragms Fair 4 welded bays

Bracing Fair

Under Trussing

Hardware Fair

Welded/grouted
shear connectors

Log

Log Curbs

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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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Minor redecking (wearing surface). m. Priority:Medium	Replace wear planks

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	left bank erosion	Every Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Wear plank condition



Upstream from Crossing



Downstream from Crossing



Wear plank condition



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Right Bank Abutment when facing downstream



Superstructure