

SC-8051
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MCNAIR 0.8km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°30'36.39" Longitude -123°29'49.1"

Site Status Active

Insp. Status Inspect

Crossing Name Dakota Creek

FSR # 8629 Branch # 1

Road Name MCNAIR

User km 0.8

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 21.3

Deck Width (m) 4.9

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5511440.3 Accuracy (m)

Inspection

Date of Inspection 2025-07-21 2:29:31 PM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

Constricted channel. High potential for high water.

Recommended Next Inspection 2028

Inspection Company MoF

P.Eng Comments

Ministry of Forests Reviewing Engineer: Richard Mills P.Eng.
Review Date: Jan 26, 2026
Recommended Load Rating: L150 or 136 tonnes
Recommended Next Inspection: 2027
Comments: Replace guardrails within 3 years.

PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required **Y**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating

Road Surface **Good**

Abutment

Log/Timber Cribs **N/A**

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills **Fair**

Piles or Posts **Fair**

Ballast Wall **Good**

Wing Wall

Bracing **Fair**

Hardware **Good**

Fill **Good**

Riprap **Fair** Large, minor scour. Monitor.

Bearings **Good**

Corrosion Protection **Fair**

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good** Paved surface

Grout Pockets **Unrated** Unable to see

Deck Joints **Unrated** Unable to see. Ok from below.

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Becoming loose, replace.

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Fair**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Painted. Minor surface corrosion. Monitor.

Diaphragms Fair Minor surface corrosion

Bracing Fair

Under Trussing

Hardware Good

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)	0.5	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	3.0	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor corrosion	Routine Inspection
2	Monitor riprap	Routine Inspection
3		



Approach from Left Bank when facing downstream



Guard Rail



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream