

SC-8059

MCNAB 9.92km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°38'18.6"	-123°25'47.3"		
Crossing Name	Unknown		
FSR #	10209	Branch #	1
Road Name	MCNAB		
User km	9.92		
Previous Load Rating (tonnes)	136		
Structure Class	Permanent Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	15.2		
Deck Width (m)	4.84		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5525732.5	Accuracy (m)

Inspection

Date of Inspection 2019-10-15 12:56:09 PM

Recommended Next Inspection Year

Inspector Name Richard Mills

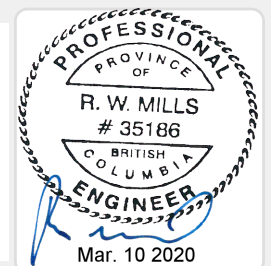
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Riprap almost completely gone on right side. Footing undermined on right side, upstream. Large amount of boulders upstream, could Impact bridge if migrates. Remove. Repair riprap and footing prior to industrial use.

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 6, 2020
 Load Rating: L150 or 136 tonnes
 Next Inspection: 2022
 Comments: Repair riprap and exposed footing prior to industrial use.
 Clear upstream debris.



P.Eng Seal

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Approach

Alignment Good

 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

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good

Caps or Sills Poor Undermined / scoured right side upstream

Piles or Posts N/A

Ballast Wall Good

Wing Wall N/A

Bracing N/A

Hardware Good

Fill Good

Riprap Poor Scoured right side.

Bearings Fair I undermined on right upstream

Corrosion Protection N/A

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck N/A

Grout Pockets N/A

Deck Joints Good

Steel Deck Plate Good

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**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)	0.0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Repair riprap and right upstream footing.

2 Medium Remove debris upstream channel

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream