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

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	

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	

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

Hazards

Estimated Present Water Level Depth (m)	0.0	High Water	X	Debris	X
Estimated Present Water Level Width (m)	0	Aggradation		Scour	X
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