

SC-8054  
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MCNAB 4km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



### CBR Data

Latitude 49°35'43.69" Longitude -123°24'8.1"

Crossing Name unknown

FSR # 10209 Branch # 01

Road Name MCNAB

User km 4

Previous Load Rating (tonnes) 150

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) 12.2

Deck Width (m) 4.9

### Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5520942.7 Accuracy (m)

### Inspection

Date of Inspection 2021-10-19 8:53:34 AM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year 2024

Inspection Company FLNRORD

### P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Nov 16, 2021  
Load Rating: L165 or 150 tonnes  
Next Inspection: 2024  
Comments: Add approach barrier



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 **Fair** Left ds side ineffective

Posted Load Rating

Road Surface **Good**

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good**

Caps or Sills **Good**

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Fair** Minor scour right side

Bearings **Good**

Corrosion Protection

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## Deck

Running Surface      **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints      **Good**

Steel Deck Plate      **Fair**      No anti skid coating

Gravel Surface

Curb Rail/Blocks/Posts      **Good**

Hand Rails/Walkouts

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

Hardware Good

Welded/grouted  
shear connectors

## Log

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

| Stringer<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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## Hazards

|                                          |     |             |                          |        |                                     |
|------------------------------------------|-----|-------------|--------------------------|--------|-------------------------------------|
| Estimated Present Water Level Depth (m)  | 0.3 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/>            |
| Estimated Present Water Level Width (m)  | 2.0 | Aggradation | <input type="checkbox"/> | Scour  | <input checked="" type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 1.8 | Ice         | <input type="checkbox"/> |        |                                     |

Comments

## Repairs and Monitoring

| Repair Item | Repair Description |
|-------------|--------------------|
|-------------|--------------------|

1

2

3

4

5

6

7

| Item | Monitor Description      | Frequency          |
|------|--------------------------|--------------------|
| 1    | Monitor scour right side | Routine Inspection |

2

3

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream