

SC-8034
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HALFMOON CARLSON 0.58km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°31'50.7"	-123°53'18.2"
Crossing Name	Halfmoon Creek
FSR #	6003
Branch #	01
Road Name	HALFMOON CARLSON
User km	0.58
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	13.9
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5513737.9
Accuracy (m)	

Inspection

Date of Inspection 2021-09-28 9:25:56 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 18, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required

Delineator Missing
Left ☐ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☐ 2

Fender Condition

Posted Load Rating

Road Surface

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection N/A

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Minor corrosion on bottom (compo-girder). Monitor

Diaphragms N/A

Bracing N/A

Under Trussing

Hardware N/A

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

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 girder corrosion	Routine Inspection
2		
3		

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Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



Rust scale bottom of girder

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Right Bank Abutment when facing downstream

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