

SC-8334

HALLOWELL 0.83km

2019 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°38'39.59"	-123°57'24.1"
Crossing Name	Not Known
FSR #	8357
Branch #	2
Road Name	HALLOWELL
User km	0.83
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	N
Superstructure	Other
Deck Type	Gravel
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	6
Deck Width (m)	6.55

Updated Data

Latitude	Longitude
49°38'39.29"	-123°57'24.71"
HD Diff. (m)	15.6
Accuracy (m)	5

Inspection

Date of Inspection 2019-04-12 8:03:08 AM

Inspector Name Richard Mills

Inspector Comments

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

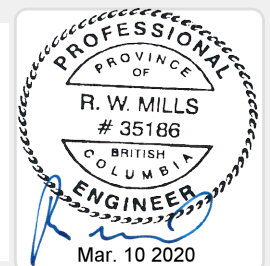
P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 2, 2020

Load Rating: L165 or 150 tonnes

Next Inspection: 2021

Comments: Add 200mm of gravel surfacing. Consider adding approach barriers.



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good

Caps or Sills Fair crushing

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Good

Riprap Good

Bearings Fair Treated 2x10. Crushing.

Corrosion Protection N/A

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface Fair

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

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	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|-----|--|
| 1 | Low | Consider adding approach barriers |
| 2 | Low | Add gravel to deck prior to industrial use |
| 3 | | |

Item	Monitor Description	Frequency
1	Monitor bearings for further crushing and settlement. Monitor downstream right sill for shifting off lock block abutment.	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Downstream Profile



Right Bank Abutment when facing downstream



Bearing



Left Bank Abutment when facing downstream



Bearing - note bearing plate note completely on lock block (back of plate indicated on photo)