

SQ-3052

BROHM RIDGE 0.1km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°48'56.7"	-123°7'21"
Crossing Name	Brohm Creek
FSR #	6527
Branch #	1
Road Name	BROHM RIDGE
User km	0.1
Previous Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Concrete Removable
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	16.4
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5545463.9
Accuracy (m)	

Inspection

Date of Inspection 2019-09-18 1:32:10 PM

Inspector Name Richard Mills

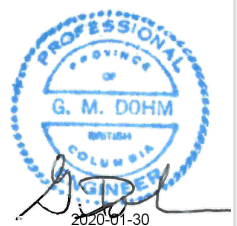
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020
Load Rating: L60 or 54 tonnes
Next Inspection: 2021
Comments:



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

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 Timber 10"x10" severely crushed on left, starting to crush on right

Piles or Posts N/A

Ballast Wall Fair Timber - rotting.

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Fair Minor scour left side. Monitor.

Bearings Poor Crushed timbers

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 Good

Concrete Deck Good

Grout Pockets N/A

Deck Joints Good

Steel Deck Plate N/A

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 Fair 2 rail cars

Diaphragms N/A

Bracing Fair

Under Trussing

Hardware Fair

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Replace timber sills
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2		
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3		
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Item	Monitor Description	Frequency
1	Monitor riprap left side	Routine Inspection

2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Load Rating Sign



Approach from Left Bank when facing downstream



Upstream Profile



Left bank sill



Left bank sill



Right Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream