

SQ-3091

GREEN RIVER 01 5.5km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
50°17'53.7"	-122°41'52.4"
Crossing Name	Gravel Creek
FSR #	7979
Branch #	1
Road Name	GREEN RIVER 01
User km	5.5
Previous Load Rating (tonnes)	62
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)	17.3
Deck Width (m)	4.28

Updated Data

Latitude	Longitude
50°17'53.53"	-122°41'52.83"
HD Diff. (m)	10.0
Accuracy (m)	8

Inspection

Date of Inspection 2019-09-16 4:20:57 PM

Inspector Name Gino Fournier

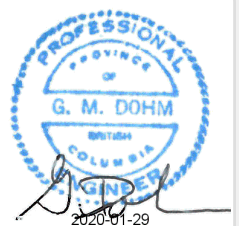
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 28, 2020
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2021
Comments:



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating 62

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good Locblocks

Caps or Sills Poor Starting to crush

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Poor

Riprap is over steep and eroded on left side. If riprap was to move it will likely compromise the lock locks and superstructure.

Riprap Poor

Riprap is over steep and eroded on left side. If riprap was to move it will likely compromise the lock locks and superstructure.

Bearings N/A

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 Bolted clips

Concrete Deck Good

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck N/A

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**Steel/Concrete**

Girders Good Railcar

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming N/A

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	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments Debris flow did pass underneath at some point indicative of the log jam downstream.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1		Should either fix abutment or replace structure at next industrial use.
2		
3		

Item

Monitor Description

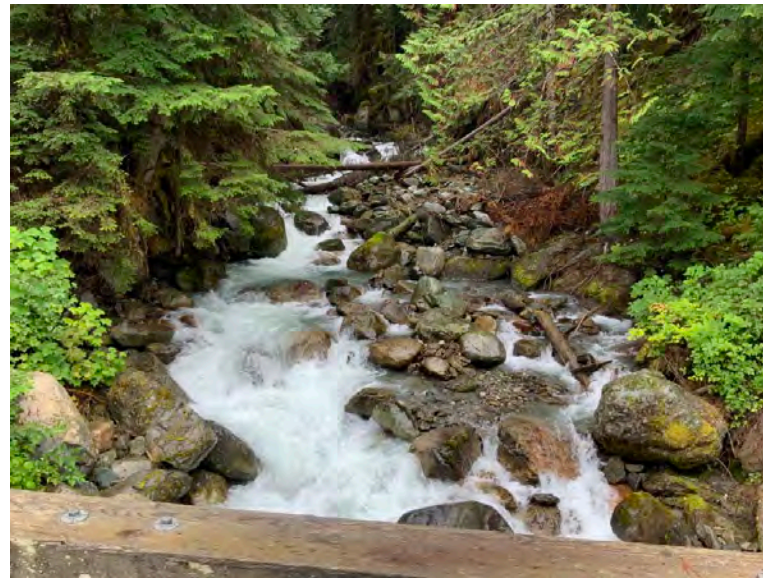
Frequency

1	Monitor riprap as it could move and compromise structure either annually or after a large rain storm event.	Annually
2		
3		

Sketch
(Select Signature)



Downstream from Crossing



Upstream from Crossing



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream