

SQ-3091
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GREEN RIVER 01 5.5km

2021 Inspection

CBR iPad Offline Ver 0.33



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°17'53.51"	-122°41'52.52"
HD Diff. (m)	6.5
Accuracy (m)	8

Inspection

Date of Inspection 2021-08-20 8:37:52 AM

Recommended Next Inspection Year 2022

Inspector Name Forrest Simpson

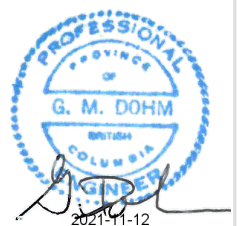
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Damage to guardrails. Remaining section showing signs of rot. Replace all.
Riprap very steep and unsupported at base, but quite large. Monitor for further movement.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Nov. 12, 2021
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2022
Comments: replace broken guard rails



P.Eng Seal

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Approach

Alignment Fair

Horizontal curve

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

Missing ds right, rocks only

Posted Load Rating 62

Road Surface Fair

Large potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Lock block, good where visible

Caps or Sills Fair

Timbers starting to crush

Piles or Posts

Ballast Wall Good

Wing Wall

Bracing

Hardware

Fill Good

Riprap Poor

Steep and unsupported

Bearings Fair

Crushing timber sills

Corrosion Protection

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Deck

Running Surface Good Large potholes

Running Planks N/A

Sub Deck

Ties

Nails

Deck to Girder Bolts Fair Clips

Concrete Deck Good

Grout Pockets

Deck Joints N/A

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotting and damaged section

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair Guard rails in need of repair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Rail car

Diaphragms

Bracing

Under Trussing

Hardware

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)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. 1 . Priority:High	Repair damaged section of rail. Consider replacing all rails.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Riprap for further movement	Routine Inspection

2

3



Approach from Right Bank when facing downstream



Deck



Guard Rail



Approach from Left Bank when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



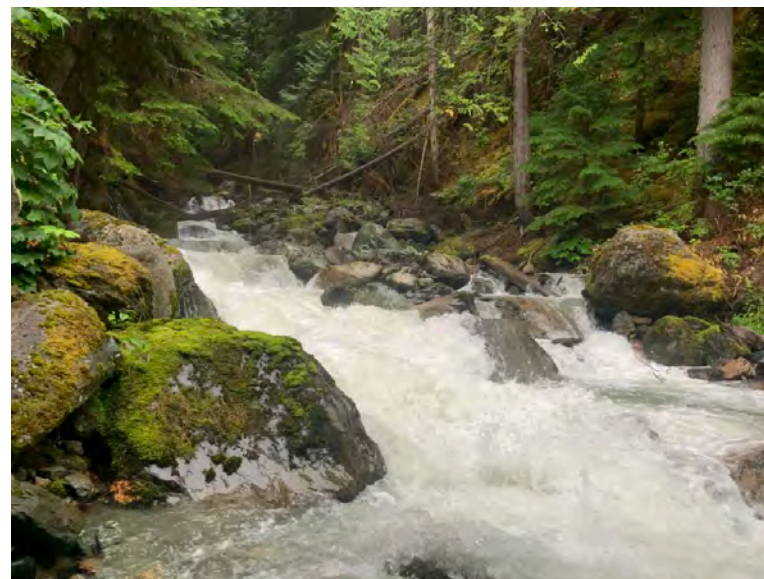
Superstructure



Left Bank Abutment when facing downstream



Downstream from Crossing



Upstream from Crossing



Bearing, right bank



Bearing, right bank



Structure ID



Upstream Profile



Left Bank Abutment when facing downstream



Deck clips

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Bearing, left bank



Right Bank Abutment when facing downstream