

SQ-3090
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GREEN RIVER 01 0.9km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°17'51.6"	-122°45'34.6"
Crossing Name	Green River
FSR #	7979
Branch #	1
Road Name	GREEN RIVER 01
User km	0.9
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Pile -Permanent Materials
Abutment Right	Steel Pipe and Precast Pad
Spans	2
Total Length (m)	84.8
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
50°17'49.19"	-122°45'32.21"
HD Diff. (m)	88.3
Accuracy (m)	8

Inspection

Date of Inspection 2021-08-20 7:51:24 AM

Recommended Next Inspection Year 2024

Inspector Name Forrest Simpson

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

A few deck panels in middle of bridge not grouted, check structural. Old wooden structure on right bank appears burnt, but likely not critical, only retaining fill. Consider adding approach barriers.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Nov. 12, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments:



P.Eng Seal

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Approach

Alignment Fair

Poor vertical visibility

Bridge Ahead Signs
Missing

☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

None

Posted Load Rating 68

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier Good

Appears good

Concrete Good

Ballast walls

Caps or Sills

Piles or Posts Good

Where visible

Ballast Wall Good

Wing Wall

Bracing Unrated

Not visible

Hardware Good

Fill Good

Riprap Fair

Minimal, but well set back.

Bearings Good

Corrosion Protection N/A

Not visible

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good** Where visible

Deck Joints **Good** Some panels not grouted

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Excellent** New hss

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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)	2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	50	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	7	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). 4 # of units. Priority:MED	Missing all approach barriers.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Deck



Upstream from Crossing



Downstream from Crossing



Deck



Approach from Left Bank when facing downstream



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Superstructure



Upstream Profile



Downstream Profile



Left Bank Abutment when facing downstream



Pier



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream