

SQ-3018
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RUTHERFORD 01 15.7km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°18'30.49"	-123°3'35.9"
Crossing Name	Tributary to Rutherford Creek
FSR #	5673
Branch #	1
Road Name	RUTHERFORD 01
User km	15.7
Previous Load Rating (tonnes)	63
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Concrete Removable
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	17.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
50°18'30.51"	-123°3'35.21"
HD Diff. (m)	13.7
Accuracy (m)	5

Inspection

Date of Inspection 2020-09-10 1:21:10 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., Jan. 4, 2021
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2022
Comments: Replace both side guardrails and all components prior to next industrial use



P.Eng Seal

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Approach

Alignment Poor

Sharp corner

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

Missing and should be added on all corners

Posted Load Rating 63

Road Surface Fair

Abutment

Log/Timber Cribs Fair

Tie Backs Fair

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Good

Bearings N/A

Corrosion Protection N/A

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Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts Fair

Concrete Deck Fair

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Rotten and need to be replaced

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor Due to rotten rails.

Gravel Depth (mm) 0

Pier Deck N/A

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Steel/Concrete

Girders Fair

Diaphragms N/A

Bracing Fair

Under Trussing N/A

Hardware Fair

Welded/grouted
shear connectors N/A

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)	.4	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	10	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. . Priority:High	Replace both side guardrails and all components prior to next industrial use

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Guard Rail



Guard Rail



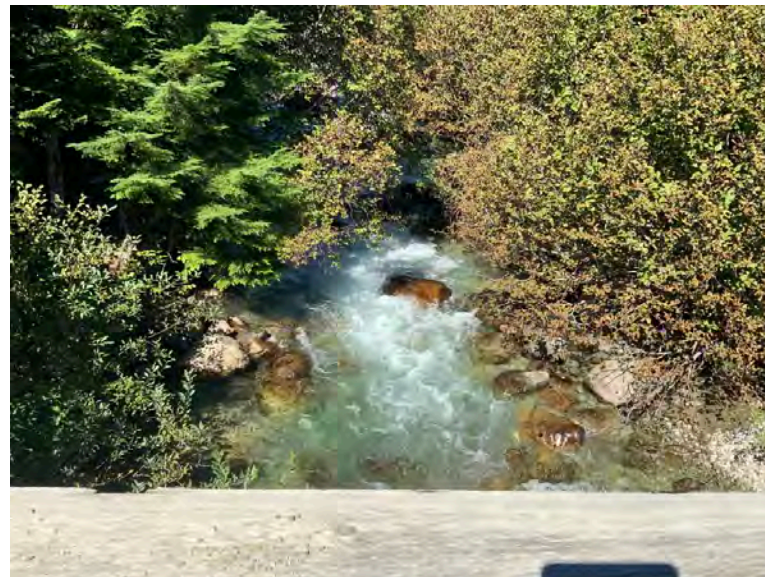
Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream