

SQ-3214
SQ-3214

SQ_SL2000 3.3km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°44'30.8"	-122°14'32.1"
Crossing Name	Bear Claw
FSR #	6780
Branch #	5
Road Name	SQ_SL2000
User km	3.3
Previous Load Rating (tonnes)	62
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	9.7
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
49°44'32.74"	-122°14'30.57"
HD Diff. (m)	67.2
Accuracy (m)	10

Inspection

Date of Inspection 2021-08-24 9:48:30 AM

Recommended Next Inspection Year 2023

Inspector Name Forrest Simpson

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Stringers measured from upstream. Assumed fd. Fair condition all, minimal surface rot, no heart rot.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Nov. 12, 2021
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2023
Comments:



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Logs

Posted Load Rating None

Road Surface Good

Abutment

Log/Timber Cribs Fair

Tie Backs Fair

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Good

Riprap Fair

Bearings

Corrosion Protection

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Very low

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Poor** Due to Curb logs

Gravel Depth (mm) **500**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Poor Very low, slightly above road level

Needle Beam N/A

Needle Lashing/
Shimming Fair Old, but tight

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Fd	Y	520	30	Fair	
2		Y	520	20		
3		N	570	10		
4		N	790	10		
5		N	720	10		
6		N	590	10		
7		N	610	10		
8		N	580	10		
9		N	800	10		
10		N	560	10		
11			580	20		
12			600	20		

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Hazards

Estimated Present Water Level Depth (m)	.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
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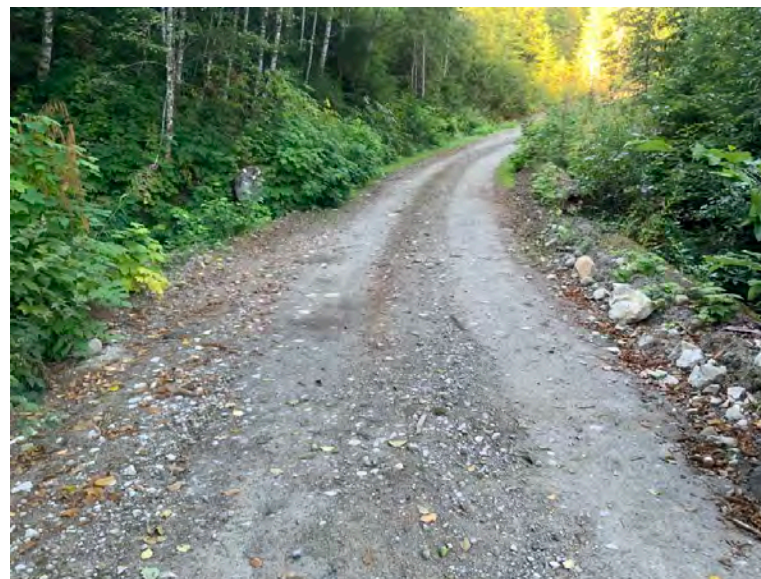
1

2

3



Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Downstream from Crossing



Stringers



Stringers



Right Bank Abutment when facing downstream



Upstream Profile