

SQ-3119
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LILLOOET WEST 01 37.3km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°56'44" Longitude -122°25'25.4"

Crossing Name Chief Paul Creek

FSR # 8407 Branch # 1

Road Name LILLOOET WEST 01

User km 37.3

Previous Load Rating (tonnes) 62

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 24.4

Deck Width (m) 4.8

Updated Data

Latitude 49°56'44.06" Longitude -122°25'25.61"

HD Diff. (m) 4.6 Accuracy (m) 7

Inspection

Date of Inspection 2021-08-25 1:56:13 PM

Inspector Name Forrest Simpson

Inspector Comments Serial/ID Plate

Replace guard rails.

Recommended Next Inspection Year 2024

Inspection Company FLNRORD

P.Eng Comments

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



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 62

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good Where visible

Hardware Good

Fill Good

Riprap Fair Minimal and steep/unsupported in sections

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Unrated** Not visible

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Damaged. Risers rotten. Rails loose.

Hand Rails/Walkouts

Hardware **Poor** Loose guard rails

Overall Deck Condition **Poor** Due to guardrails

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)	.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	6	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. . Priority:High	Replace all timber rail components

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Guard Rail



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Structure ID



Superstructure



Left Bank Abutment when facing downstream



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream