

SQ-3121
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LILLOOET WEST 01 49.7km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°1'14.49"	-122°31'32.6"
Crossing Name	Flood Creek
FSR #	8407
Branch #	1
Road Name	LILLOOET WEST 01
User km	49.7
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)	21.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
50°1'12.73"	-122°31'32.98"
HD Diff. (m)	55.2
Accuracy (m)	5

Inspection

Date of Inspection 2020-09-09 9:51:08 AM

Inspector Name Greg Dohm

Inspector Comments Serial/ID Plate

Brushing and curb replacement needed

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2022
Comments: Brushing and curb replacement needed



P.Eng Seal

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Approach

Alignment Fair

Crest of hill so visibility not the best

Bridge Ahead Signs
Missing

☐ 0 ☒ 1 ☐ 2

Brushing Required Y

Needs brushing brushing upstream/downstream under bridge

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

Wing Wall Fair

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Curbs are loose and timbers are old. Replace asap and tighten curbs in meantime.

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

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	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Miscellaneous. . 1 . Priority:High	Needs brushing
2 Structure. Curb Maintenance. # sites. Priority:High	Curbs are loose and timbers are old. Replace asap and tighten curbs in meantime.
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Load Rating Sign



Deck



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Upstream from Crossing



Downstream from Crossing



Deck



Approach from Left Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream