

SQ-3118
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LILLOOET WEST 01 36.6km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°55'42.3" Longitude -122°23'58.8"

Crossing Name Snowcap Creek

FSR # 8407 Branch # 1

Road Name LILLOOET WEST 01

User km 36.6

Previous Load Rating (tonnes) 91

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) 36.6

Deck Width (m) 4.5

Updated Data

Latitude 49°55'43.49" Longitude -122°24'2.47"

HD Diff. (m) 81.7 Accuracy (m) 5

Inspection

Date of Inspection 2020-09-09 10:53:24 AM

Inspector Name Greg Dohm

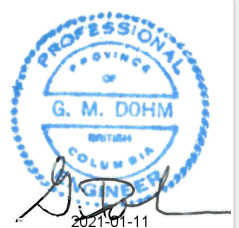
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: L100 or 91 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 Poor Missing. Add approach barriers to all 4 corners of bridge.

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

Wing Wall

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface

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

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)	13	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (re-Install). 1 # of units. Priority:Medium	Missing. Add approach barriers to all 4 corners of bridge.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



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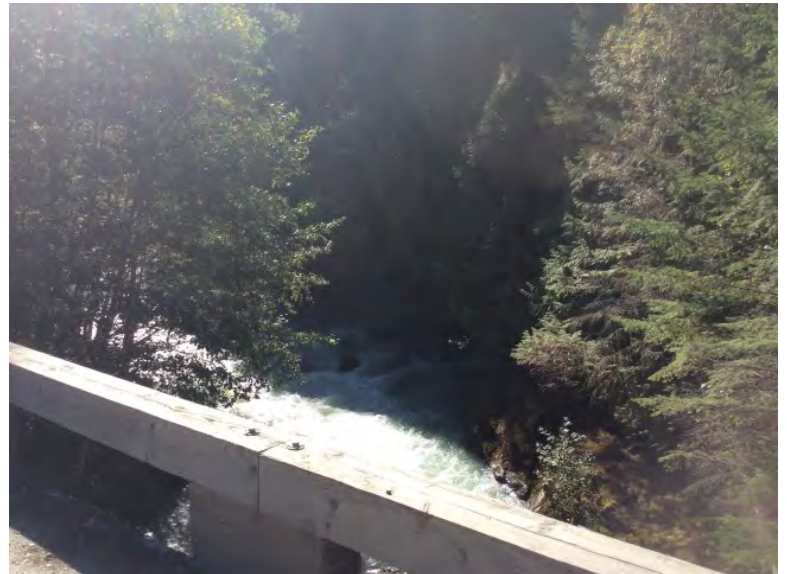
Approach from Left Bank when facing downstream



Deck



Guard Rail



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Deck



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile