

SQ-3113

LILLOOET WEST 01 72.9km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°47'1.78"	-122°13'34.7"
Crossing Name	Fire Creek
FSR #	8407
Branch #	1
Road Name	LILLOOET WEST 01
User km	72.9
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)	32.5
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°46'59.55"	-122°13'33.37"
HD Diff. (m)	73.9
Accuracy (m)	5

Inspection

Date of Inspection 2019-09-17 1:07:31 PM

Inspector Name Greg Dohm

Recommended Next Inspection Year

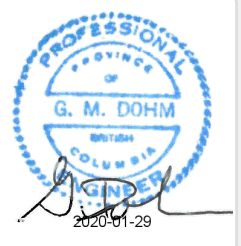
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Some curb blocks and risers are rotten and require replacement before industrial use

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 28, 2020
Load Rating: L100 or 91 tonnes
Next Inspection: 2022
Comments: Some curb blocks and risers are rotten and require replacement asap



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

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

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 Poor Some curb blocks and risers are rotten and require replacement before industrial use

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Poor Poor due to rotting curb rails

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

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Some curb blocks and risers are rotten and require replacement before industrial use

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Deck



Approach from Left Bank when facing downstream



Upstream from Crossing



Guard Rail



Guard Rail



Guard Rail



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream from Crossing



Upstream from Crossing



Upstream Profile