

SQ-3084
SQ-3084

LILLOOET SOUTH 01 8.8km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°32'39.4"	-123°11'13.3"
Crossing Name	South Creek
FSR #	7977
Branch #	1
Road Name	LILLOOET SOUTH 01
User km	8.8
Previous Load Rating (tonnes)	54
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)	24.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°32'40.08"	-123°11'12.79"
HD Diff. (m)	23.3
Accuracy (m)	4

Inspection

Date of Inspection 2021-09-21 3:19:58 PM

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., Oct. 14, 2021
Load Rating: L60 or 54 tonnes
Next Inspection: 2024
Comments:



P.Eng Seal

SQ-3084
SQ-3084

LILLOOET SOUTH 01 8.8km

2021 Inspection

CBR iPad Offline Ver 0.33



Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating 54

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

SQ-3084
SQ-3084

LILLOOET SOUTH 01 8.8km

2021 Inspection

CBR iPad Offline Ver 0.33



Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair Fair to poor. - appear to still be functional but plan chip on and reinstall grout.

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

SQ-3084
SQ-3084

LILLOOET SOUTH 01 8.8km

2021 Inspection

CBR iPad Offline Ver 0.33



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

SQ-3084
SQ-3084

LILLOOET SOUTH 01 8.8km

2021 Inspection

CBR iPad Offline Ver 0.33



Hazards

Estimated Present Water Level Depth (m)	1	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	12	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
-------------	--------------------

- | | | |
|---|---|--|
| 1 | Approach. Approach fenders (install). 4 # of units. Priority:Low | |
| 2 | Structure. Concrete structural maintenance. 1 m². Priority:Medium | Fair to poor. - appear to still be functional but plan chip on and reinstall grout |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Downstream from Crossing



Upstream from Crossing



Deck



Upstream from Crossing



Deck



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream