

SQ-3035

LILLOOET RIVER 01 0.1km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
50°29'27.09"	-122°58'12.5"
Crossing Name	Salmon River
FSR #	6123
Branch #	1
Road Name	LILLOOET RIVER 01
User km	0.1
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	12.5
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
50°29'26.95"	-122°58'12.3"
HD Diff. (m)	6.0
Accuracy (m)	5

Inspection

Date of Inspection 2019-09-18 12:31:26 PM

Inspector Name Gino Fournier

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 24, 2020
Load Rating: L60 or 54 tonnes
Next Inspection: 2021
Comments: Replace all curb rail components in next 2 years.



P.Eng Seal

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Approach

Alignment Excellent

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Unrated None in place and not really needed as the road is paved and very straight approach.

Posted Load Rating 54

Road Surface Excellent Paved

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good

Caps or Sills Good

Piles or Posts N/A

Ballast Wall Good

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap N/A Not needed due to very low flows

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface	Good	Paved
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	Rails getting old. Some rot starting to show. Should replace in next 2 years.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck	N/A	

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Steel/Concrete

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors Good

Grouted keyways

Log

Log Curbs N/A

Needle Beam N/A

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)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace all guardrail components in next 2 years.

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Guard Rail



Guard Rail post damage downstream right side



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream