

SQ-3117
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LILLOOET WEST 01 27.8km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°54'10.29" Longitude -122°19'29.5"

Crossing Name Eddy Creek

FSR # 8407 Branch # 1

Road Name LILLOOET WEST 01

User km 27.8

Previous Load Rating (tonnes) 91

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Concrete Precast

Abutment Right Concrete Precast

Spans 1

Total Length (m) 14

Deck Width (m) 4.9

Updated Data

Latitude 49°54'12.69" Longitude -122°19'29.6"

HD Diff. (m) 73.9 Accuracy (m) 5

Inspection

Date of Inspection 2020-09-09 11:22:04 AM

Recommended Next Inspection Year 2021

Inspector Name Greg Dohm

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Downstream channel at drip line edge of bridge drops vertically 2m. Stream bed material currently retained by instream transverse log. Check depth of footings both abutments and compare to lower elevation of stream bed for potential unstable collapsed stream bed footing bear slopes. May be able to repair by dumping several loads of large clean riprap in dry stream bed to prevent collapse of upstream stream bed. Build tote road each side of bridge to place the clean grade riprap.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: L100 or 91 tonnes
Next Inspection: 2023
Comments: See repair notes for adding large rock to channel on downstream side of bridge.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Needed

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor Missing

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills

Piles or Posts

Ballast Wall Fair

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair Steep

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

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Needs tightening

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms

Bracing Fair

Under Trussing

Hardware Fair

Welded/grouted
shear connectors Fair

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)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. . 1 . Priority:Medium	Brushing
2 Channel. Add Riprap (loose/dumped). 1 m³. Priority:Medium	Downstream channel at drip line edge of bridge drops vertically 2m. Stream bed material currently retained by instream transverse log. Check depth of footings both abutments and compare to lower elevation of stream bed for potential unstable collapsed stream bed footing bear slopes. May be able to repair by dumping several loads of large clean riprap in dry stream bed to prevent collapse
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



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Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Downstream from Crossing



Upstream from Crossing



Approach from Right Bank when facing downstream



Deck



Load Rating Sign



Downstream Profile



Downstream Profile



Downstream from Crossing



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile