

SQ-3070
SQ-3070

KAKILA CREEK 72km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°47'19.79"
Longitude -122°13'21.9"

Site Status Active

Insp. Status Inspect

Crossing Name Lower Lillooet River

FSR # 8407 Branch # 2

Road Name KAKILA CREEK

User km 72

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 2

Total Length (m) 44.6

Deck Width (m) 4.3

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5542467.5 Accuracy (m)

Inspection

Date of Inspection 2022-09-27 11:23:57 AM

Recommended Next Inspection 2025

Inspector Name Forrest Simpson

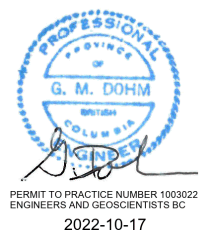
Inspection Company MoF

Inspector Comments Serial/ID Plate

Deformation present at end of girders, where jumpspan is supported on left bank. Approximately 1-2cm out on both upstream and downstream side, where lifting hole is present. Check records to see if this is new... discuss re: structural impacts. Post inspection: nothing has changed and structurally this has no affect, per g.dohm

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L100 or 91 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2 Town approach missing

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good Concrete no post

Posted Load Rating 91

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts

Ballast Wall Unrated None

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Unrated Bedrock

Bearings Fair Bulging, cracking

Corrosion Protection Fair

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good** Minor surface damage

Grout Pockets **Good**

Deck Joints **Fair** Minor damage

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

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)	10	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	30	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	15	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Add Warning Signs. 2 # of signs. Priority:Medium	Re install approach sign and load rating on town approach.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Deck



Deck



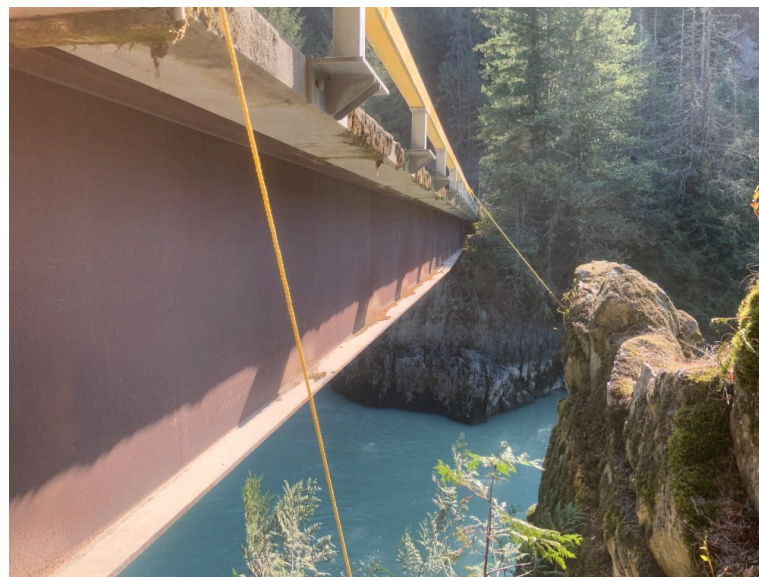
Approach from Right Bank when facing downstream



Load Rating Sign



Deck



Superstructure



Bearing



Bearing



Left Bank Abutment when facing downstream



Superstructure



Upstream from Crossing



Downstream from Crossing



Jump span bearing. Ds. Deformation



Left Bank Abutment when facing downstream



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Right Bank Abutment when facing downstream



Jump span bearing. Upstream. Deformation

