SQ-3070
SQ-3070

KAKILA CREEK 72km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°47'19.79"	-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	Longitude
°0'0"	°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:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. DOHM

PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC
2022-10-17

PERMIT TO PRACTICE: 1003022

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	

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		

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

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	Ic	☐		

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

Deck

Approach from Right Bank when facing downstream

Superstructure

Load Rating Sign

Left Bank Abutment when facing downstream

Bearing

Superstructure

Bearing

Upstream from Crossing

Jump span bearing. Ds. Deformation

Downstream from Crossing

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Jump span bearing. Upstream. Deformation