SQ-3057
SQ-3057

IN-SHUCK-CH 7.7km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
50°15'44.3"	-122°30'41.6"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Catiline Creek
FSR #	7343
Branch #	1
Road Name	IN-SHUCK-CH
User km	7.7
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	9.7
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5595174.3	Accuracy (m)	

Inspection

Date of Inspection	2022-09-27 4:37 PM	Recommended Next Inspection	2023
Inspector Name	Forrest Simpson	Inspection Company	MoF

Inspector Comments Serial/ID Plate

Number of hairline cracks present on underside of all slabs, running entire width, mid span. Recommend close proximity inspection.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022 Load Rating:
L75 or 68 tonnes
Next Inspection: 2025
Comments: monitor hairlines cracks at routine inspections.

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	Road does not narrow
Brushing Required	N	
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Poor	Missing low side. Rock high side.
Posted Load Rating	68	
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Fair	
Caps or Sills	Fair	
Piles or Posts	Unrated	Not visible
Ballast Wall	Fair	
Wing Wall		
Bracing	Unrated	Not visiblw
Hardware		
Fill	Good	
Riprap	Fair	Hard to access. Riprap may be buried by debris events.
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	Surface wear
Grout Pockets		
Deck Joints	Fair	Worn cocnrete. Welded shear connectors good
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	Risers sign of rot. Loose rails
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Hairline cracks, see notes.
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Good	

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)	0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.0	Ic	☐		

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Approach fenders (install). 2 # of units. Priority:High	2 barriers needed low side of road
2		
3		
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Monitor all damage to concrete		Routine Inspection
2			
3			

Approach from Right Bank when facing downstream

Deck

Approach from Right Bank when facing downstream

Deck

Ballast wall. Exposed rebar. Likely during install to fit around large rock

Superstructure

Slab damage. 40x10x15 cm. Exposed rebar

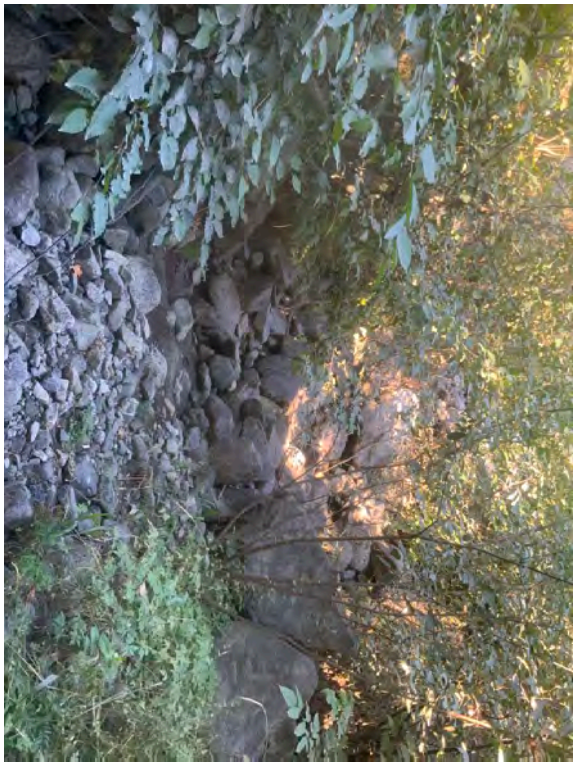
Superstructure

Upstream Profile

Superstructure

Left Bank Abutment when facing downstream

Upstream from Crossing



Right Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Superstructure