SC-8040
SC-8040

HOMATHKO 9.8km

2022 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
51°0'18.29"	-124°57'31.7"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Smith Creek
FSR #	7445
Branch #	1
Road Name	HOMATHKO
User km	9.8
Previous Load Rating (tonnes)	150
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete
Abutment Left	Other
Abutment Right	Other
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
51°0'18.44"	-124°57'31.65"

HD Diff. (m)	4.5	Accuracy (m)	4

Inspection

Date of Inspection	2022-09-27 9:24:34 AM	Recommended Next Inspection	2025
Inspector Name	Jonathon Harvey	Inspection Company	MoF

Inspector Comments Serial/ID Plate

Site is inaccessible by vehicles, had to hike from mouth of creek up 400m to crossing. Recommend district not to P.Eng inspect bridge until access is restored. Reduce load rating until guardrails replaced

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022
Load Rating: 0 Tonnes GVW
Next Inspection Year: 2025
Comments:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

2023-01-05

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	
Brushing Required	Y	Inaccessible by vehicles
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Fair	Logs
Posted Load Rating		
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Pier	N/A	
Concrete	N/A	
Caps or Sills	Fair	
Piles or Posts	Fair	
Ballast Wall	Fair	
Wing Wall	N/A	
Bracing	Fair	
Hardware	Fair	
Fill	Fair	
Riprap	Fair	Large
Bearings	Fair	
Corrosion Protection	Fair	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotten, replace
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck	N/A	

Steel/Concrete

Girders	Fair
Diaphragms	Fair
Bracing	Fair
Under Trussing	N/A
Hardware	Fair
Welded/grouted shear connectors	N/A

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)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	12	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	1.5	Ic ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. Full Curb Replacement. 40 . Priority:Medium	Replace guardrails
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Deck

Approach from Right Bank when facing downstream

Guard Rail

Right Bank Abutment when facing downstream

Upstream from Crossing

Left Bank Abutment when facing downstream

Downstream from Crossing

Upstream Profile

Superstructure

Bearing

Structure ID