CK-2287
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SILVERHOPE 0.6km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°9'30.09"	-121°19'42.6"

Crossing Name	Silverhope Creek (structure #
FSR #	8148 Branch # 1
Road Name	SILVERHOPE
User km	0.6
Previous Load Rating (tonnes)	41
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Truss/Bailey/Acrow
Deck Type	Timber - Untreated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	20
Deck Width (m)	4.4

Updated Data

Latitude	Longitude
49°9'30.85"	-121°19'41.91"

HD Diff. (m) 27.1 Accuracy (m) 5

L10 or 9 tonnes

Inspection

Date of Inspection 2020-06-17 10:03:16 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

This road has limited usage and likely wilderness status. Monitor the condition of the lock blocks and timber deck.

P.Eng Comments

Replace all timber deck components. Brush approaches. Post bridge ahead signs and replace missing delineators. Limit loading to L10 or 9 tonnes, post load rating signs. Monitor the condition of the lock blocks.

2020-12-03

P.Eng Seal

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	○ 0 ● 1 ○ 2	
Delineator Missing Right	○ 0 ● 1 ○ 2	
Fender Condition	Fair	Old logs
Posted Load Rating		Not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Fair	3 high x 2 wide lock block columns at each corner - right bank blocks have noted cracking and efflorescence
Caps or Sills		
Piles or Posts		
Ballast Wall	Fair	
Wing Wall		
Bracing		
Hardware		
Fill	Good	
Riprap	Good	
Bearings	Fair	
Corrosion Protection		

Deck

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

Steel/Concrete

Girders	Fair	6 panel Double single acrow
Diaphragms		
Bracing	Fair	Minor deformation with random braces
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)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	9.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Area/sight line brushing. m². Priority:Medium	Brush approaches
2	Approach. Bridge Ahead Signs. # of signs. Priority:Medium	Post bridge ahead signs
3	Approach. Add Warning Signs. # of signs. Priority:Medium	Post load rating signs
4	Structure. Major redecking (crossties or laminated deck). m. Priority:High	Replace entire deck system
5	Structure. Delineator maintenance. . Priority:Medium	Replacing missing delineators
6		
7		

Item	Monitor Description	Frequency
1	Lock block condition	Routine Inspection
2		
3		

Approach from Right Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

Approach from Left Bank when facing downstream

Superstructure

Right Bank Abutment when facing downstream

Upstream left bank bearing plate

Downstream Profile

Left Bank Abutment when facing downstream

Concrete surfacing at approach

Downstream right bank lock blocks