

CK-2287

SILVERHOPE 0.6km

2018 Inspection

CBR iPad Offline Ver 0.28



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
Current Load Rating (tonnes)	40
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°9'30.66"	-121°19'42.47"
HD Diff. (m)	17.7 Accuracy (m) 5
L45 or 41 tonnes	

Inspection

Date of Inspection 2018-05-30 9:23:01 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

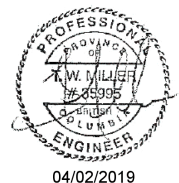
Inspection Company MFLNRO

Inspector Comments Serial/ID Plate

This road does not appear to have been used for industrial activity for 10 years. Monitor the condition of the lock blocks and timber deck. Recommend complete replacement prior to industrial activity.

P.Eng Comments

Brush approaches, replace missing delineators and post bridge ahead signs. The timber deck is old and rotting, replace entire deck system. Monitor the lockblock condition. Current load rating of L45 or 41 tonnes to continue. Post load rating signs.



P.Eng Seal

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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**

Posted Load Rating **Not posted**

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete **Poor** **Left abutment poor with cracking blocks**

Caps or Sills

Piles or Posts

Ballast Wall **Fair** **Transoms in front of lock blocks**

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings **Fair**

Corrosion Protection

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Deck

Running Surface

Running Planks	Poor	Rotting
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Sub Deck	Poor	Rotting
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Ties	Poor	Rotting
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Nails	Poor	Protruding
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Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Fair
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Hand Rails/Walkouts

Hardware

Overall Deck Condition	Poor	Due to timber condition
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Gravel Depth (mm)

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Steel/Concrete

Girders Fair

Double single reinforced acrow/bailey

Diaphragms

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)	0.8	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches and post bridge ahead signs
2	Medium	Replace missing delineators
3	Medium	Replace entire imber deck

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

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Deck condition



Downstream from Crossing



Deck condition



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



Downstream right bank lockblock cracked with efflorescence



Lockblock condition



Another lockblock cracking



Deck from underneath



Upstream left bank bearing plate



Superstructure



Right Bank Abutment when facing downstream