

CK-2287

SILVERHOPE 0.6km

2016 Inspection

CBR iPad Offline Ver 0.23



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)	68
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°9'29.8"	-121°19'41.98"
HD Diff. (m)	15.4 Accuracy (m) 5
40 tonnes	

Inspection

Date of Inspection 2016-08-17 2:08:13 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace entire deck system; post bridge ahead signs, replace missing delineators and brush approaches prior to industrial use. Limit loading to 40 tonnes until the work has been completed. Post load rating sign.



27/02/2017

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Posted Load Rating not posted

Road Surface Poor grown over

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair lock block columns

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing N/A

Hardware Fair

Fill Fair

Riprap Good

Bearings Fair

Corrosion Protection N/A

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**Deck**

Running Surface	N/A	grown over
Running Planks	Fair	
Sub Deck	Poor	rotting
Ties	Poor	rotting
Nails	Fair	
Deck to Girder Bolts	Poor	none
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to sub deck and ties
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair double single reinforced bailey

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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace deck with industrial activity
2	Medium	brush approaches
3	High	post load rating sign and bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



looking upstream from deck



looking downstream from deck



upstream left bank footing



ballast wall - typical both sides



Right Bank Abutment when facing downstream

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deck from below



Left Bank Abutment when facing downstream