

CK-2312

WEAVER LAKE 2.6km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°20'47.6"	-121°52'7.83"		
Crossing Name	Weaver Creek		
FSR #	6261	Branch #	1
Road Name	WEAVER LAKE		
User km	2.6		
Current Load Rating (tonnes)	54		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Concrete Cast in Place		
Abutment Right	Concrete Cast in Place		
Spans	1		
Total Length (m)	16.4		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
49°20'47.49"	-121°52'8.71"		
HD Diff. (m)	18.1	Accuracy (m)	5
L60 or 54 tonnes			

Inspection

Date of Inspection 2018-05-16 2:29:56 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Remove the debris accumulations at the inlet of the bridge. Replace the logs retaining the road approach fill on top of the Concrete Cast In Place (CIP) abutments. Replace the 2 existing right side delineators with proper left handed ones. Monitor the hairline crack in the left abutment. The present load rating of L60 or 54 tonnes to continue.



11/01/2019

P.Eng Seal

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Approach

Alignment Good

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Logs and rocks, right approach fenders small

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good Hairline crack noted on left abutment, both CIP

Caps or Sills

Piles or Posts

Ballast Wall Good Creosoted timbers

Wing Wall Fair CIP with logs on top - the CIP is rated as Good and the logs are rated as poor as they are rotting

Bracing

Hardware

Fill Fair

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Risers have rot where debris accumulations are present, however limited to the just base of the riser - they do not appear to have deteriorated any further since last inspection

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good 4 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors Good Grouted

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)	0.5	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Debris accumulations at the inlet of the bridge should be removed

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Replace the 2 right side delineators with proper left handed ones
2	Medium	Remove the debris accumulations at the inlet of the bridge
3	Medium	Replace the logs retaining the road fill at either approach

Item	Monitor Description	Frequency
1	Hairline crack on left abutment	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Right Bank when facing downstream



Fish ladder



Left Bank Abutment when facing downstream



Hairline crack noted on left CIP



Right Bank Abutment when facing downstream



Debris at inlet to be removed



Superstructure



Upstream Profile



Logs retaining fill at either approach rotting