

CK-2076

FOLEY 4.4km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°7'17.19"	-121°36'23.2"
Crossing Name	Foley Creek
FSR #	5127
Branch #	13
Road Name	FOLEY
User km	4.4
Previous Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	25.5
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°7'16.15"	-121°36'24.07"
HD Diff. (m)	36.9
Accuracy (m)	10
L60 or 54 tonnes	

Inspection

Date of Inspection 2020-04-07 10:05:30 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Brush and grade approaches, and post bridge ahead signs. The crib is 34 years old and at the end of its industrial life. Monitor its condition and plan to replace soon. I recommend annual inspections be completed. The current load rating of L60 or 54 tonnes to continue.



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Approach

Alignment Fair

HC both approaches

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Not posted

Road Surface Poor

Road does not appear to be maintained

Abutment

Log/Timber Cribs Fair

4x face logs with up to 60mm sap rot in locations

Tie Backs Fair

Fair to poor - 5x with end splitting and rot

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Fair

Logs that have been ripped

Wing Wall Fair

End splitting and rot

Bracing Poor

Loose lashing

Hardware Fair

Tieback logs appear to have been pinned to face logs

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection

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**Deck**

Running Surface	Poor	Road does not appear to be maintained - large potholes
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Running Planks	Good
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Sub Deck	Good
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Ties	Good
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Nails	Good
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Deck to Girder Bolts	Good
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Concrete Deck	
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Grout Pockets	
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Deck Joints	
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Steel Deck Plate	
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Gravel Surface	
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Curb Rail/Blocks/Posts	Good
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Hand Rails/Walkouts	
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Hardware	Good
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Overall Deck Condition	Good
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Gravel Depth (mm)	
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Pier Deck	
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**Steel/Concrete**

Girders Fair Light corrosion

Diaphragms Fair 5 bolted bays

Bracing Fair

Under Trussing

Hardware Fair Light corrosion

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches
2	High	Grade approaches
3	Medium	Post bridge ahead signs

Item	Monitor Description	Frequency
1	crib condition	Annually
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Crib condition at left bank



Crib condition at right bank