

CK-2077

AIRPLANE 0.1km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°7'21.2"	-121°36'14.3"		
Crossing Name	Foley Creek		
FSR #	5127	Branch #	14
Road Name	AIRPLANE		
User km	0.1		
Previous Load Rating (tonnes)	54		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	21.6		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
49°7'21.42"	-121°36'14.01"		
HD Diff. (m)	8.9	Accuracy (m)	10
L60 or 54 tonnes			

Inspection

Date of Inspection 2020-04-07 10:37:08 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace guardrail and risers; remove sediment from deck; post bridge ahead signs; brush and grade approaches. The log crib is 33 years old, monitor its condition especially while in use. Due to the substructure age I recommend annual inspections. The current load rating of L60 or 54 tonnes to continue.



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Approach

Alignment Good

VC Right approach

 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 requires maintenance

Abutment

Log/Timber Cribs Fair

5x right bank, 3x left bank and both have Large diameter Cw with up to 30mm sap rot

Tie Backs Fair

End splitting

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall Fair

Bracing

Hardware

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection

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**Deck**

Running Surface	Fair	sediment on deck
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Unrated	Concrete slabs are covered with ashphalt overlay
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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	Poor	Rotten
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Hand Rails/Walkouts		
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Hardware	Fair	
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Overall Deck Condition	Poor	Due to rail condition
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Gravel Depth (mm)		
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**Steel/Concrete**

Girders Fair

4 concrete slabs - minor damage noted upstream left bank

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

unrated

not visible

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)	13.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace guardrail and risers
2	Medium	Clean sediment from deck and post bridge ahead signs
3	Medium	Brush and grade approaches

Item	Monitor Description	Frequency
1	crib condition	Every routine inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Guard Rail



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Horizontal crack on top face log right bank



End splitting on tieback log at right bank



Horizontal crack on top face log left bank



Right Bank Abutment when facing downstream



Guard Rail