

CK-2202

KOOKIPI 15.8km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°53'9.89"	-121°42'50.8"		
Crossing Name	Side Creek		
FSR #	6996	Branch #	2
Road Name	KOOKIPI		
User km	15.8		
Current Load Rating (tonnes)	40		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Treated		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	24.4		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
49°53'9.62"	-121°42'51.21"		
HD Diff. (m)	11.8	Accuracy (m)	5

Inspection

Date of Inspection 2018-06-12 1:55:51 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace running planks, guardrail and risers. Replace all 4 log fenders with new ones or concrete no post barriers. Brush and grade approaches. Post bridge ahead signs and replace all 4 delineators. The present load rating of 40 tonnes to continue and monitor the fill ravelling from under both ballast walls.



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

Rotten logs

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Treated timbers but fill ravelling from underneath

Wing Wall

Bracing Good

Hardware

Fill Fair

Ravelling underneath both ballast walls

Riprap Fair

Large boulders but not very well graded or tied together

Bearings Good

Corrosion Protection Good

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Deck

Running Surface

Running Planks

Poor

Rotten

Sub Deck

Fair

Treated

Ties

Good

Treated

Nails

Poor

Protruding

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Poor

Rotten

Hand Rails/Walkouts

Hardware

Fair

Overall Deck Condition

Poor

Due to planks and rail condition

Gravel Depth (mm)

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace running planks
2	Medium	Replace guardrail, risers, and log fenders
3	Medium	Brush and grade approaches and post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Typical fender log condition



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Guard Rail



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure