

CK-2356

KOOKIPI NINE 0.5km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°56'32.6"	-121°41'19.4"		
Crossing Name	Kookipi Creek		
FSR #	6996	Branch #	9
Road Name	KOOKIPI NINE		
User km	0.5		
Current Load Rating (tonnes)	136		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	39.6		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°56'33.01"	-121°41'19.58"		
HD Diff. (m)	13.2	Accuracy (m)	10

Inspection

Date of Inspection 2017-08-09 10:53:54 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Replace missing fender logs. Brush and grade approaches. Post bridge ahead signs. Present load rating of L150 or 136 tonnes to continue.



15/01/2018

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

Old logs, missing upstream right and left approach fenders

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

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair

Pads are buldging left abutment

Corrosion Protection Good

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**Deck**Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**Grout Pockets **Good**Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Rotting

Hand Rails/Walkouts

Hardware **Poor** Loose rail boltsOverall Deck Condition **Poor** Due to rail condition

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	25.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush and grade approaches and post bridge ahead signs
2	Medium	Replace missing fender logs
3	Medium	Replace guardrail, risers and blocks

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Minor damage to right bank ballast wall on wheel path



Upstream Profile

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Right Bank Abutment when facing downstream



Superstructure