

CK-2356

KOOKIPI NINE 0.5km

2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°56'33.1"	-121°41'19.3"
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
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	39.8
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°56'32.66"	-121°41'19.42"		
HD Diff. (m)	13.8	Accuracy (m)	5
Kookipi Nine	0.5		
L150 or 136 tonnes			
Permanent Bridge	N		
Steel I-beam	Concrete Composite		
Steel Pipe and Precast Pad	Steel Pipe and Precast Pad		
Steel Pipe and Precast Pad	1		
39.6	4.9		

Inspection

Date of Inspection 2014-07-09 12:26:03 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Due to rot located in risers and blocks replace entire guardrail system (guardrail, risers and blocks), replace missing fender log, post bridge ahead signs and brush approaches.

P.Eng Comments

Due to rot located in the risers and side blocks replace the entire guardrail system (guardrail, risers and blocks); replace missing fender log, post bridge ahead signs and brush approaches. Monitor bulging bearing pad on left upstream bank. Present load rating of L150 or 136 tonnes to continue.



[Handwritten Signature]
Aug 7/2014

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y minor

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair missing upstream right

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair steel plates and rubber pads, left upstream pads buldging

Piles or Posts Good

Ballast Wall Good

Wing WallBracing N/A

Hardware Good

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Good

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Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	rotten blocks and risers
Hand Rails/Walkouts	N/A	
Hardware	Poor	loose rail bolts
Overall Deck Condition	Poor	due to loose rails
Gravel Depth (mm)		

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Steel/Concrete

Girders Good steel I beams, spliced

Diaphragms Good 7 - bolted

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Comment

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Hazards

Estimated Present Water Level Depth (m) 0.3

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 25.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 3.0

Ice ☐Comment
~**Repairs and Monitoring**

Repair Item	Priority	Repair Description
1	Medium	replace guardrail, risers and blocks
2	Medium	post bridge ahead signs
3	Medium	replace missing fender and brush approaches

Monitor Item

Monitor Description

Monitoring Frequency

1	left upstream bearing pads	Routine Inspection
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



sideblock rot



Deck



Approach from Left Bank when facing downstream

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Right Bank Abutment when facing downstream



left bearing



superstructure



left upstream bearing

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left upstream bearing



Left Bank Abutment when facing downstream



right bearing