

CK-2200

KOOKIPI CREEK 0.1km

2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude Longitude
50°0'25.89" -121°38'31.4"

Road Name KOOKIPI CREEK
User km 0.1
Current Load Rating (tonnes) 54
Structure Class Temporary Bridge
Portable N
Superstructure Steel I-beam
Deck Type Timber - Treated - Panels
Abutment Left Steel Pipe and Precast Pad
Abutment Right Steel Pipe and Precast Pad
Spans 2
Total Length (m) 42.5
Deck Width (m) 4.4

Updated Data

Latitude Longitude
50°0'25.44" -121°38'31.28"

HD Diff. (m) 14.4 Accuracy (m) 5

Kookipi Creek
0.1

L60 or 54 tonnes

Permanent Bridge

N

Steel I-beam

Timber – Treated

Steel Pipe and Precast Pad

Steel Pipe and Precast Pad

2

42.5

4.3

Inspection

Date of Inspection 2014-07-09 10:25:55 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Due to the holes starting to show in running plankd, recommend replacing them with industrial activity. Brush approaches and replace rotten fender logs.

P.Eng Comments

Due to the holes/rot starting to show in the running planks I recommend replacing them with activity. Replace rotten fender logs and brush (minor) approaches. Present load rating of L60 or 54 tonnes to continue.



Handwritten signature and date:
Aug 6/2014

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Approach

Alignment Fair

HC and VC right approach

 Bridge Ahead Signs
 Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y minor

 Delineator Missing
 Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
 Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor old rotten logs

Posted Load Rating 54

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 cap - H beam

Piles or Posts Fair H beams

Ballast Wall Fair minor damage noted downstream left side, hairline cracks visible

Wing WallBracing N/A

Hardware Fair

Fill Fair

Riprap Fair good left side

Bearings Fair

Corrosion Protection N/A steel does not appear to have been painted

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Approach

Alignment Fair

HC and VC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y minor

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

Fender Condition Poor old rotten logs

Posted Load Rating 54

Road Surface Fair

Pier

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair steel cap - H beam

Piles or Posts Fair H beams

Ballast Wall N/A

Bracing/Sheathing**fair**

Hardware N/A

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection N/A not painted

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Deck **Main Span**

Running Surface N/A

Running Planks Fair fair to poor as localized rot/wear apparent

Sub Deck Fair creosoted

Ties Fair creosoted

Nails Fair fair to poor as some are protruding with worn planks

Deck to Girder Bolts Good

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Deck **Jump Span**

Running Surface N/A

Running Planks Fair fair to poor as localized rot/wear apparent

Sub Deck Fair creosoted

Ties Fair creosoted

Nails Fair fair to poor as some are protruding with worn planks

Deck to Girder Bolts Good

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete **Main Span**

Girders Fair 2 steel I beams

Diaphragms Fair 6 on main span

Bracing Fair

Under Trussing N/A

Hardware N/A

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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Steel/Concrete **Jump Span**

Girders Fair 2 steel I beams

Diaphragms Fair 3 on jump span

Bracing Fair

Under Trussing N/A

Hardware N/A

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) 2.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 18.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.5

Ice ☐Comment
~**Repairs and Monitoring**

Repair Item	Priority	Repair Description
1	Medium	recommend replacing running planks
2	Medium	brush approaches
3	Medium	replace fender logs

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Deck

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Left Bank Abutment when facing downstream



looking at pier from woods end



main span



Right Bank Abutment when facing downstream

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right upstream bearing



right downstream bearing



pier



left abutment bearing

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fender log