

CK-2201

KOOKIPI CREEK 3.2km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



CBR Data

Latitude	Longitude
49°58'58.4"	-121°38'55"
Crossing Name	Kookipi Creek
FSR #	6996
Branch #	2
Road Name	KOOKIPI CREEK
User km	3.2
Current Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	21.9
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°53'8.92"	-121°42'48.9"
HD Diff. (m)	11768.5
Accuracy (m)	10

N

Inspection

Date of Inspection 2016-09-01 7:38:13 PM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Bridge does not have any significant issues. Present load rating of 54 tonnes applies.

P.Eng Comments

Remove the large debris noted under the bridge. Present load rating of L60 or 54 tonnes to continue.



09/02/2017

P.Eng Seal

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Approach

Alignment Fair

3 percent grade on right introduces silt to deck

Bridge Ahead Signs

Missing

☒ 0
 ☐ 1
 ☐ 2

Brushing Required N

Delineator Missing

Left

☒ 0
 ☐ 1
 ☐ 2

Delineator Missing

Right

☒ 0
 ☐ 1
 ☐ 2

Fender Condition Fair

Decaying large logs still firm

Posted Load Rating 0

No rating posted. Two signs posted but are blank.

Road Surface Fair

Fine-grained soils flow onto deck

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Both sides

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Fair

Creosoted timbers

Wing Wall N/A

Bracing N/A

Hardware Good

Fill Good

Riprap Fair

Several large rounded boulders

Bearings Fair

Corrosion Protection N/A

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**Deck**

Running Surface	N/A	Fine-grained soils flow onto deck
Running Planks	Fair	Normal wear on planks.
Sub Deck	Good	
Ties	Good	Ends covered with up to 50mm of dirt
Nails	Good	
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	Good	
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate No identifying plates found

Girders Fair Light rust.

Diaphragms Fair Minor damage to left end

Bracing Fair

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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

2

Fd

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Hazards

Estimated Present Water Level Depth (m)	.5	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	12	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.8	Ice	☐		

Comments Large debris noted under bridge on left abutment. Large debris may be a high water hazard.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Remove large debris noted under bridge on left abutment
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Right approach facing structure



Left approach facing away from structure



Right approach facing away from structure



Left approach facing structure



Upstream from Crossing



Downstream Profile



Downstream from Crossing



Right Bank Abutment when facing downstream



Underside of bridge



Upstream Profile



Left Bank Abutment when facing downstream