

CK-2361

KOOKIPI WEST 400 4.9km

2018 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude		
49°56'53.99"	-121°43'51.7"		
Crossing Name	Not known		
FSR #	6996	Branch #	7
Road Name	KOOKIPI WEST 400		
User km	4.9		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Other		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	13.6		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°56'53.85"	-121°43'51.64"		
HD Diff. (m)	4.8	Accuracy (m)	5

Inspection

Date of Inspection 2018-06-12 12:52:11 PM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Loosing road approaches at both downstream approaches that can be repaired by building back up with proper riprap and granular fill. Tension cracks noted on fillslope of FSR 100m past bridge

P.Eng Comments

Replace guardrail, risers and blocks. Repair failing fill at both downstream approaches by placing riprap and granular fill. Remove windfalls in the stream located above the bridge and clean ditches at both approaches. Replace missing delineators and post bridge ahead signs. The present load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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Approach

Alignment Good

VC and HC both approaches

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

Concrete no post barriers but need to be reset

Posted Load Rating

Not posted

Road Surface Poor

Semi deactivated road

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Concrete cap/wall combo

Piles or Posts Unrated

Buried but signs of movement

Ballast Wall Good

Wing Wall

Bracing Unrated

Buried

Hardware

Fill Fair

Failing at both downstream approaches

Riprap Good

Bearings Good

Corrosion Protection Unrated

Buried

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**Deck**

Running Surface	Good	Semi deactivated road
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck		
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Grout Pockets		
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Deck Joints		
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Poor	Rotting
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Hand Rails/Walkouts		
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Hardware	Poor	Loose rail bolts
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Overall Deck Condition	Poor	Due to rail condition
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Gravel Depth (mm)		
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Steel/ConcreteGirders **Good** 2 inverted C channels

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors **Fair** Too much sediment on deck to properly assess but no movement apparent from below**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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace guardrail, risers and blocks; replace delineators and post bridge ahead signs
2	Medium	Repair failing downstream road fills by placing riprap and resetting all concrete no post barriers
3	Medium	Remove windfalls from stream above bridge and clean and reinstall ditches at both approaches

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Failed no post barriers at downstream right approach



Ravelling cutslope sat both approaches



Deck



Upstream from Crossing



Approach from Left Bank when facing downstream



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Loosing fill at downstream left approach



Loosing fill at downstream right approach