

CK-2360

KOOKIPI WEST 400 3.8km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°57'10.29"	-121°43'2.4"		
Crossing Name	Not Known		
FSR #	6996	Branch #	7
Road Name	KOOKIPI WEST 400		
User km	3.8		
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)	14.6		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°57'10.18"	-121°43'2.51"		
HD Diff. (m)	4.3	Accuracy (m)	5

Inspection

Date of Inspection 2018-06-12 12:35:04 PM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Clean the debris and sediment from the deck and replace the guardrail, risers and blocks. Remove the windfalls from the stream channel located above the bridge and clear the ravelling material from both approaches. Post bridge ahead signs, reattached the bullnose to the downstream right bank concrete no post barriers and monitor the downstream right bank erosion. The present load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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Approach

Alignment Good

VC left 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 Fair

Posted Load Rating Not posted

Road Surface Poor Road semi deactivated

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good Concrete cap/wall combo

Piles or Posts Unrated Buried but no evidence of movement

Ballast Wall Good

Wing Wall Fair

Bracing Good

Hardware

Fill Fair monitor fill and riprap stability at downstream right approach

Riprap Good

Bearings Good

Corrosion Protection Unrated Buried

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**Deck**

Running Surface	Poor	Sediment and debris on deck
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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	Good	
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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	Rotten
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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 debris on deck and rail condition
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Gravel Depth (mm)		
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Steel/Concrete

Girders Good 2 inverted C channels

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors unrated too much sediment on deck to properly inspect but no separation of the beams noted

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)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments Windfalls noted across stream above and below bridge

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace guardrail, risers and blocks
2	Medium	Clear upstream left approach ravelled material and debris in stream above bridge
3	Medium	Post bridge ahead signs and clean sediment and debris from the deck

Item	Monitor Description	Frequency
1	Downstream right bank erosion	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Guard Rail



Deck





Upstream from Crossing



Approach from Left Bank when facing downstream



Downstream from Crossing



Ravelling cutslope upstream left approach



Right Bank Abutment when facing downstream



Downstream right bank lack of riprap



Left Bank Abutment when facing downstream