

CK-2200

KOOKIPI CREEK 0.1km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
50°0'25.4"	-121°38'31.2"
Crossing Name	Nahatlatch River
FSR #	6996
Branch #	2
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
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	2
Total Length (m)	42.5
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
50°0'25.34"	-121°38'31.29"
HD Diff. (m)	2.7
Accuracy (m)	5
Permanent	

Inspection

Date of Inspection 2017-08-09 10:03:32 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

The pier is in fair condition however is bent towards the right abutment 50:1 (V:H)

P.Eng Comments

Replace the fenders at all 4 corners. Monitor the condition of the pier; the bearing pad condition at the right abutment; and the condition of both ballast walls. The present load rating of L60 or 54 tonnes to continue.



15/01/2018

P.Eng Seal

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Approach

Alignment Fair

HC and VC right approach

Bridge Ahead Signs
Missing
☒ 0
 ☐ 1
 ☐ 2

Brushing Required N

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

Fender Condition Poor

Rotten and undersized

Posted Load Rating 54

54 tonnes

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

Steel H beams at both bearing locations

Piles or Posts Fair

H Piles

Ballast Wall Fair

Hairline cracks on both walls, more noted on left bank

Wing Wall

Bracing Fair

Hardware

Fill Fair

Riprap Fair

Large, not very well graded, round boulders on Right bank

Bearings Fair

Fair to poor - right bank pads have been displaced towards right approach; and cracking

Corrosion Protection Poor

Does not appear to have been coated

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Main Span Deck

Running Surface

Running Planks	Excellent	Just replaced
Sub Deck	Fair	creosote treated
Ties	Fair	creosote treated
Nails	Good	

Deck to Girder Bolts Fair

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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**Main Span Steel/Concrete**

Serial/ID Plate

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware

Welded/grouted
shear connectors**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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Pier

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair Steel H beam

Piles or Posts Fair Steel H piles

Ballast Wall

Wing Wall

Bracing Fair

Hardware

Fill Fair

Riprap Fair Large, not very well graded, round boulders

Bearings Fair

Corrosion Protection Poor Does not appear to have been coated

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Jump Span Deck

Running Surface

Running Planks	Excellent	Just replaced
Sub Deck	Fair	creosote treated
Ties	Fair	creosote treated
Nails	Good	

Deck to Girder Bolts Fair

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Jump Span Steel/Concrete

Serial/ID Plate

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

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(mm)

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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	20.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace fenders at all corners

2

3

Item	Monitor Description	Frequency
1	Monitor pier displacement	Routine Inspection
2	Monitor bearing pads at right bank	Routine Inspection
3	Monitor ballast wall condition	Routine inspection

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream left approach fender



Load Rating Sign



Downstream left approach fender

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Deck



Looking downstream from deck



Looking upstream from deck



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Jump span seat and support not vertical



Main span Superstructure and bent



Jump span superstructure



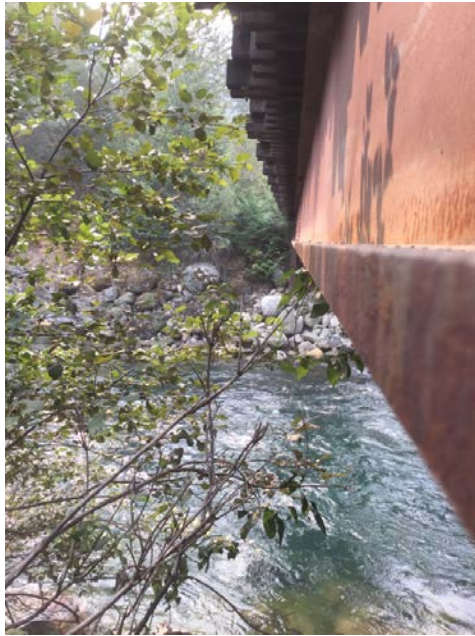
Upstream right bank bearing, 60mm from stream side cap face



Right bank ballast wall cracks



Downstream right bank bearing 30mm from stream side cap face



Slight girder sag, estimated at 15-20mm



Left bank cap



Right Bank Abutment when facing downstream