CK-2202	KOOKIPI CREEK 15.8km	2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°53'9.7"	-121°42'51"

Road Name	KOOKIPI CREEK
User km	15.8
Current Load Rating (tonnes)	91
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	1
Total Length (m)	24.4
Deck Width (m)	4.4

Updated Data

Latitude	Longitude
49°53'9.9"	-121°42'50.76"

HD Diff. (m)	7.9	Accuracy (m)	5

Road Name	Kookipi Creek
User km	15.8
Current Load Rating (tonnes)	L100 or 91 tonnes
Structure Class	Permanent 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	1
Total Length (m)	24.4
Deck Width (m)	4.3

Inspection

Date of Inspection 2014-07-09 11:49:52 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Replace running planks and guardrail system prior to industrial activity. Brush approaches, replace missing bridge ahead signs and delineators. Present load rating of L100 or 91 tonnes to continue.

P.Eng Comments

Replace running planks and guardrail system prior to activity. Brush approaches and replace missing bridge ahead signs and delineators. Present load rating of L100 or 91 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
Professional Engineer

Aug 6/2014

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	○ 0 ● 1 ○ 2	
Fender Condition	Fair	
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	steel plates and rubber pads
Piles or Posts	Good	
Ballast Wall	Fair	treated timbers, material ravelling underneath
Wing WallBracing	N/A	
Hardware	Fair	
Fill	Fair	
Riprap	Fair	
Bearings	Good	
Corrosion Protection	Good	

Deck

Running Surface	N/A	
Running Planks	Fair	fair to poor - replace with industrial activity
Sub Deck	Fair	treated
Ties	Good	treated
Nails	Fair	
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	Poor	replace with industrial activity
Hand Rails/Walkouts	N/A	
Hardware	Poor	loose rail bolts
Overall Deck Condition	Poor	due to rotting rails
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	steel beams, spliced and cantilevered from bearing
Diaphragms	Fair	6 - welded
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	N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Comment

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	8.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comment

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace running planks and guardrail with activity
2	Medium	brush approaches
3	Medium	post bridge ahead and missing delineator

Monitor Item	Monitor Description	Monitoring Frequency
1		
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.15

CK-2202 KOOKIPI CREEK 15.8km 2014 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Right Bank Abutment when facing downstream

superstructure

Left Bank Abutment when facing downstream