CK-2331	STAVE RIVER 5.1km	2014 Inspection

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CBR Data

Latitude	Longitude
49°27'42.99"	-122°13'11"

Road Name	STAVE RIVER
User km	5.1
Current Load Rating (tonnes)	27
Structure Class	Temporary Bridge
Portable	N
Superstructure	Timber - untreated stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	7.5
Deck Width (m)	6

Updated Data

Latitude	Longitude
49°27'41.46"	-122°13'11.32"

HD Diff. (m)	47.9	Accuracy (m)	5

Stave River	
5.1	
L30 or 27 tonnes	
Temporary Bridge	
N	
Log Stringer	
Gravel	
Crib, Log or Untreated Timber	
Crib, Log or Untreated Timber	
1	
7.3	
6.2	

Inspection

Date of Inspection 2014-12-02 12:25:58 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Feb 19/2015

P.Eng Comments

Present load rating of L30 or 27 tonnes to continue. Bridge components onsite for replacement, replace structure prior to any industrial activity.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T.W. MILLER
P.Eng. Seal
35995

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Approach

Alignment	Fair	
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	none
Posted Load Rating		not posted
Road Surface	Good	

Abutment

Log/Timber Cribs	Fair	
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	N/A	
Ballast Wall	Fair	
Wing Wall	N/A	
Bracing	N/A	
Hardware	Poor	loose lashing
Fill	Fair	
Riprap	Poor	none
Bearings	Fair	

Corrosion Protection	N/A

Deck

Running Surface	N/A
Running Planks	N/A
Sub Deck	N/A
Ties	N/A
Nails	N/A
Deck to Girder Bolts	N/A
Concrete Deck	N/A
Grout Pockets	N/A
Deck Joints	N/A
Steel Deck Plate	N/A
Gravel Surface	Fair
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	N/A
Hardware	Fair
Overall Deck Condition	Fair
Gravel Depth (mm)	200

Steel/Concrete

Girders

Diaphragms

Bracing

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)	Comment
1	Cw	Y	670	40	sap rot
2	Cw	Y	560	30	sap rot
3	Cw	Y	640	50	sap rot
4	Cw	Y	750	40	sap rot
5	Cw	Y	630	100	sap and heart rot
6	Cw	Y	570	30	sap rot
7	Cw	Y	640	70	sap and pocket rot detected
8	Cw	Y	630	30	sap rot
9	Cw	Y	760	150	sap and heart rot

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1		
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

CK-2331 STAVE RIVER 5.1km 2014 Inspection

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

CK-2331 STAVE RIVER 5.1km 2014 Inspection

Downstream Profile

Upstream Profile