

CK-2502

CHEHALIS-FLEETWOOD 7km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude		
49°20'51"	-121°58'44"		
Crossing Name	Unknown		
FSR #	8241	Branch #	8
Road Name	CHEHALIS-FLEETWOOD		
User km	7		
Current Load Rating (tonnes)	54		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	9.4		
Deck Width (m)	5.2		

Updated Data

Latitude	Longitude		
49°20'51.82"	-121°58'45.17"		
HD Diff. (m)	34.7	Accuracy (m)	10
L45 or 41 tonnes			

Inspection

Date of Inspection 2016-08-30 12:22:19 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

8.4m span

P.Eng Comments

The bridge no longer has the capacity to withstand industrial loading - limit loading to L45 or 41 tonnes. Post load rating signs and plan to replace prior to industrial activity. In the meantime place log curbs; post bridge ahead signs; replace missing delineators; and brush approaches.



19/01/2017

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Poor none

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribbs Fair 2x, closed face

Tie Backs Fair 2x

Bin Wall N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection N/A

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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	Poor	too low at downstream
Hand Rails/Walkouts	N/A	
Hardware	Fair	lashed at tiebacks
Overall Deck Condition	Poor	due to downstream rail
Gravel Depth (mm)	500	

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Poor none

Needle Beam Poor not touching all stringers and conk on ends

Needle Lashing/
Shimming Fair

Needle Beam to Crib (m)

Needle Diameter (mm) 460

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Fd	N	500	20	Fair	
2	Fd	N	670	20	Fair	
3	Fd	N	510	20	Fair	
4	Fd	N	560	20	Fair	
5	Fd	N	530	30	Fair	mycellium growth
6	Fd	N	550	20	Fair	
7	Fd	N	600	50	Fair	pocket rot detected
8	Fd	N	580	20	Fair	
9	Fd	N	560	20	Fair	
10	Fd	N	530	20	Fair	
11	Fd	N	570	20	Fair	

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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)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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- | | | |
|---|--------|--|
| 1 | High | post load rating sign |
| 2 | Medium | post bridge ahead signs, place curb logs and replace missing delineators |
| 3 | Medium | brush approaches for improved sightlines |

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



looking upstream



Deck



looking downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Stringers



Right Bank Abutment when facing downstream