

CK-2502

CHEHALIS-FLEETWOOD 7km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°20'51"	-121°58'44"
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
°0'0"	-121°58'44"
HD Diff. (m)	5493338.6 Accuracy (m)
Chehalis-Fleetwood	
L60 or 54 tonnes	
Temporary Bridge	
N	
Log Stringer	
Gravel	
Crib, Log or Untreated Timber	
Crib, Log or Untreated Timber	
1	
8.3	
5.2	

Inspection

Date of Inspection 2014-10-08 2:05:09 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace curbs prior to use and ensure lashed to stringers. Post missing bridge ahead signs and delineators. Brush approaches and place fenders prior to use. Log stringers were not peeled prior to placement and this will shorten the life of the structure. Present load rating of L60 or 54 tonnes to continue.



[Handwritten signature]
Dec 17/2014

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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 Cribs Fair 2x

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 Fair crib lashed

Fill Fair

Riprap Fair

Bearings Fair

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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 Poor too low upstream, and nonexistent downstream

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor due to rail

Gravel Depth (mm) 400

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Poor too low and not connected to needle beam or stringers

Needle Beam Poor 40mm sap rot and not touching all stringers

Needle Lashing/
Shimming Poor loose

Needle Beam to Crib (m) Needle Diameter (mm) 460

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Comment
1	Fd	N	450	10	sap rot
2	Fd	N	620	10	sap rot
3	Fd	N	520	10	sap rot
4	Fd	N	530	10	sap rot
5	Fd	N	480	10	sap rot
6	Fd	N	540	10	sap rot
7	Fd	N	600	10	sap rot
8	Fd	N	540	10	sap rot
9	Fd	N	550	10	sap rot
10	Fd	N	520	10	sap rot
11	Fd	N	550	10	sap rot

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Hazards

Estimated Present Water Level Depth (m) 0.3

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 2.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 1.5

Ice ☐

Comments 8.3m is the span
could shim needle beam to tighten up

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush and post bridge ahead signs and replace missing delineators
2	High	place new curbs and lash to stringers before use
3	Medium	place log fenders

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream Profile



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream