

CK-2022

CHEHALIS 15.2km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°20'48.09"	-122°1'26.8"
Crossing Name	Statlu Creek
FSR #	8241
Branch #	1
Road Name	CHEHALIS
User km	15.2
Current Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	37.6
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°20'49.42"	-122°1'28.47"
HD Diff. (m)	53.1
Accuracy (m)	5

Inspection

Date of Inspection 2015-07-17 9:17:10 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Replacement bridge to go downstream to utilize this structure a work bridge.

P.Eng Comments

Monitor both abutments and tie condition. Present load rating of L100 or 91 tonnes to continue.



P.Eng Seal

Nov 20/2015

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating 90680

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair lock blocks on spread footing right; CIP left

Caps or Sills Fair concrete right, log left

Piles or Posts N/A

Ballast Wall Fair concrete right; logs left

Wing Wall Fair lock blocks right downstream, logs on left

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair rubber pads on right starting to buldge

Corrosion Protection N/A

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Deck

Running Surface N/A

Running Planks Good

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Fair

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 Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair painted girders

Diaphragms Fair 4 internal, 2 on bearing - welded

Bracing Fair welded

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	13.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	bearing on right abutment left abutment	Anually Anually
2	upstream left wing wall condition	Anually
3	ties and du deck condition	Anually

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream Profile

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upstream left abutment



voids in left upstream abutment



upstream left wing wall



Right Bank Abutment when facing downstream

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tie condition from underneath



Downstream Profile



superstructure



left upstream wing wall log condition - typical

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right upstream bearing pad keeper separating



right downstream bearing pad keeper separating



Left Bank Abutment when facing downstream



right abutment bracing