

CK-2031

CHEHALIS-STATLU 1.7km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°20'47.29"	-122°2'51.9"
Crossing Name	Statlu Creek
FSR #	8241
Branch #	2
Road Name	CHEHALIS-STATLU
User km	1.7
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	20.8
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°20'46.81"	-122°2'52.35"
HD Diff. (m)	17.6
Accuracy (m)	5

treated ties and subdeck; untreated planks

Inspection

Date of Inspection 2016-09-06 10:41:44 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Post bridge ahead signs and brush approaches. Monitor the scour under the right bank abutment and the stability/condition of the wingwalls. Present load rating of L150 or 136 tonnes to continue.



17/03/2017

P.Eng Seal

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Approach

Alignment Fair

HC left approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating 136090

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair

CIP both banks - monitor scour

Caps or Sills Fair

treated timbers right bank

Piles or Posts N/A

Ballast Wall Fair

Wing Wall Fair

monitor stability

Bracing N/A

Hardware Good

Fill Fair

Riprap N/A

CIP abutments on BR

Bearings Fair

Corrosion Protection N/A

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**Deck**

Running Surface N/A

Running Planks Good

Sub Deck Good treated

Ties Good treated

Nails Good

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 Good treated

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair painted steel girders - not a matching set

Diaphragms Fair delamination happening throughout

Bracing Fair

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)	15.0	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	Medium	Post bridge ahead signs
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2	Medium	Brush approaches
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3		
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Item	Monitor Description	Frequency
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1	scour at base of right abutment	
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2	stability of wingwalls	
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



looking upstream



Deck



looking downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



right bank bearing



ties from underneath



delamination of left bank diaphragm



painted girders



left downstream bank - ties and tiebacks retaining fill



Downstream Profile



Left Bank Abutment when facing downstream



scour under right bank CIP - extends up to 800mm



right bank upstream girder narrows at bearing



superstructure



cross tie angle at right bank abutment