

CK-2035

CHEHALIS-SOUTHSTATLU 0.1km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°22'10.49"	-122°6'36.3"
Crossing Name	Statlu River
FSR #	8241
Branch #	3
Road Name	CHEHALIS-SOUTHSTATLU
User km	0.1
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Other
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	22.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°22'10.28"	-122°6'34.16"
HD Diff. (m)	43.5
Accuracy (m)	5
Compo Girders	

Inspection

Date of Inspection 2017-06-21 10:20:41 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the eroding fill at the down stream right approach. Replace the missing fenders logs, delineators and bridge ahead signs. Present load rating of L150 or 136 tonnes to continue.



07/09/2017

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Poor Missing upstream left approach and both on right approach

Posted Load Rating Not posted

Road Surface Fair Loosing fill downstream right approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Fair

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Composite girders

Diaphragms Good

1 bolted bay at centre span

Bracing

Under Trussing

Hardware Good

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)

Condition

Comment

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Hazards

Estimated Present Water Level Depth (m)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace eroding fill slope at down stream right approach
2	Medium	Replace missing delineators and post bridge ahead signs
3	Medium	Replace missing fender logs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Loosing fill at right downstream approach



Superstructure

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Right Bank Abutment when facing downstream