CK-2040	CHEHALIS-FLEETWOOD 3.1km	2014 Inspection

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CBR Data		Updated Data	
Latitude	Longitude	Latitude	Longitude
49°23'1.5"	-122°1'22.9"	49°23'.64"	-122°1'23.71"
		HD Diff. (m) 31.2	Accuracy (m) 5
Road Name	CHEHALIS-FLEETWOOD	Chehalis-Fleetwood	
User km	3.1	2.9	
Current Load Rating (tonnes)	136	136 tonnes	
Structure Class	Permanent Bridge	Permanent Bridge	
Portable	N	N	
Superstructure	Steel I-beam	Steel I-beam	
Deck Type	Concrete Composite	Concrete Composite	
Abutment Left	Steel Pipe and Precast Pad	Steel Pipe and Precast Pad	
Abutment Right	Steel Pipe and Precast Pad	Steel Pipe and Precast Pad	
Spans	1	1	
Total Length (m)	15.2	15.2	
Deck Width (m)	4.9	4.9	

Inspection

Date of Inspection 2014-09-09 11:03:11 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace missing delineators and bridge ahead signs. Brush approaches with activity. Present load rating of L150 or 136 tonnes to continue.

Dec 15/2014

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
P.Eng Seal
35998

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	○ 0 ● 1 ○ 2	
Delineator Missing Right	○ 0 ● 1 ○ 2	
Fender Condition	Fair	
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	steel plates and rubber pads
Piles or Posts	Good	
Ballast Wall	Fair	
Wing Wall	N/A	
Bracing	Good	
Hardware	N/A	
Fill	Fair	
Riprap	Fair	
Bearings	Good	

Corrosion Protection	Good

Deck

Running Surface	Fair
Running Planks	N/A
Sub Deck	N/A
Ties	N/A
Nails	N/A
Deck to Girder Bolts	N/A
Concrete Deck	Fair
Grout Pockets	Fair
Deck Joints	Fair
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)	

Steel/Concrete

Girders	Good	
Diaphragms	Good	4 bays, bolted
Bracing	Good	
Under Trussing	N/A	
Hardware	Good	
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)	Comment

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush
2	Medium	replace missing delineators and bridge ahead signs
3		

Monitor Item	Monitor Description	Monitoring Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Upstream Profile