CK-2041	CHEHALIS-FLEETWOOD 3.7km	2015 Inspection

CBR iPad Offline Ver 0.21

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°23'14.7"	-122°1'36.7"

Crossing Name	Chehalis River
FSR #	8241
Branch #	8
Road Name	CHEHALIS-FLEETWOOD
User km	3.7
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	33.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°23'15.24"	-122°1'36.18"

HD Diff. (m)	19.6	Accuracy (m)	5

Inspection

Date of Inspection 2015-07-17 10:58:57 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing delineators and brush approaches. Monitor bulging bearing pads. Present load rating of L150 or 136 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995

P.Eng Seal

Nov 23/2015

Approach

Alignment	Fair
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	Fair
Piles or Posts	Good
Ballast Wall	Fair
Wing Wall	N/A
Bracing	Good
Hardware	Fair
Fill	Fair
Riprap	Good
Bearings	Fair
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	Good
Deck Joints	Good
Steel Deck Plate	N/A
Gravel Surface	N/A
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	N/A
Hardware	N/A
Overall Deck Condition	Fair
Gravel Depth (mm)	

Steel/Concrete

Serial/ID Plate		
Girders	Good	
Diaphragms	Good	6 bays, bolted
Bracing	Good	bolted
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)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	5.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	10.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	15.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush
2	Medium	replace right hand delineators
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2041 CHEHALIS-FLEETWOOD 3.7km 2015 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

eroding fill left downstream approach

CK-2041 CHEHALIS-FLEETWOOD 3.7km 2015 Inspection

Right Bank Abutment when facing downstream

superstructure

girder splice

Left Bank Abutment when facing downstream

buldging pads - off centre plates