CK-2025	CHEHALIS 26.4km	2017 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°24'44.6"	-122°2'36.5"

Crossing Name	Second Creek
FSR #	8241
Branch #	1
Road Name	CHEHALIS
User km	26.4
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)	17.8
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°24'43.65"	-122°2'36.68"

HD Diff. (m)	29.5	Accuracy (m)	5
User km	25.6		

Inspection

Date of Inspection	2017-06-21 12:00:50 PM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Replace missing delineator and brush approaches. Present load rating of L150 or 136 tonnes to continue.

P.Eng Seal

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	Good	
Posted Load Rating	136090	
Road Surface	Good	

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	Good	
Riprap	Good	BR both abutments
Bearings	Good	
Corrosion Protection	Good	

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	Poor	Rotting risers and blocks
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Poor	Due to rail condition
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate		
Girders	Good	
Diaphragms	Fair	4 bolted bays, slight delamination occurring
Bracing	Fair	
Under Trussing		
Hardware	Fair	
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

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	5.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	5.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace guardrail, risers and blocks
2	Medium	Replace delineator and brush approaches
3		

Item		Monitor Description	Frequency
1	steel delamination		Routine Inspection
2			
3			

Sketch
(Select Signature)

CK-2025 CHEHALIS 26.4km 2017 Inspection

Approach from Right Bank when facing downstream

Looking upstream from deck

Deck

Looking downstream from deck

CK-2025 CHEHALIS 26.4km 2017 Inspection

Approach from Left Bank when facing downstream

Superstructure

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Some delamination of diaphragm occuring