CK-2045	CHEHALIS-MYSTERY 6.9km	2017 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°30'56.99"	-121°55'44"

Crossing Name	Mystery creek		
FSR #	8241	Branch #	11
Road Name	CHEHALIS-MYSTERY		
User km	6.9		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	14		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude
49°30'57.3"	-121°55'43.9"

HD Diff. (m)	9.5	Accuracy (m)	10
1.5			

Inspection

Date of Inspection	2017-06-20 9:32:05 AM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Realign the concrete no post barriers and post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.

P.Eng Seal

Approach

Alignment	Fair	VC and HC both approaches
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Fair	concrete no post barriers not aligned properly
Posted Load Rating		not posted
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Good	Cap/wall combo
Piles or Posts	Unrated	Buried behind riprap
Ballast Wall	Good	
Wing Wall		
Bracing	Unrated	Buried
Hardware	Fair	
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Unrated	Buried

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	Some track damage on wheel path
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	minor damage down stream right approach
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate		
Girders	Good	4 concrete slabs
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Good	Grouted

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)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Realign concrete no post barriers prior to hauling
2	Medium	Post bridge ahead signs
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Right Bank when facing downstream

Right downstream approach concrete no pos barriers could be realigned

Deck

Looking upstream from deck

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Looking downstream from deck

Damage to right downstream guardrail - still functional

Left upstream approach concrete no post barriers should be realigned

Left downstream concrete no post barriers should be realigned

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Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Upstream Profile

Right Bank Abutment when facing downstream