

CK-2045

CHEHALIS-MYSTERY km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°30'56.99"	-121°55'44"
Road Name	CHEHALIS-MYSTERY
User km	
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°30'56.79"	-121°55'44.63"		
HD Diff. (m)	14.2	Accuracy (m)	5
Chehalis-Mystery			
1.6			
L75 or 68 tonnes			
Permanent Bridge			
N			
Concrete Slab Girders			
Concrete			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
14			
4.9			

Inspection

Date of Inspection 2014-10-10 9:00:48 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace concrete no post barriers at left approach as they have been pushed off the road. Post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.



Full
Dec 17/2014

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Approach

Alignment Fair

VC on both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Fair

part of no posts pushed off road

Posted Load Rating

not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good integrated cap/wall combo

Piles or Posts Unrated buried

Ballast Wall Good

Wing Wall N/A

Bracing Unrated buried

Hardware N/A

Fill Good

Riprap Good

Bearings Good

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Corrosion Protection Unrated buried

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 minor track damage

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair minor damage upstream left approach

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good 4 concrete slabs

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors Fair 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)	Comment
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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	post bridge ahead signs
2	Medium	replace no posts on left approach that have been pushed off road
3		

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



guardrail damage



Approach from Right Bank when facing downstream

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Deck



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream