

CK-2067

CHILLIWACK-TAMIHI CR 10.6km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°0'37.4"	-121°46'37.5"
Crossing Name	Tamihi Creek
FSR #	5127
Branch #	6
Road Name	CHILLIWACK-TAMIHI CR
User km	10.6
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Other
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	24.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°0'32.02"	-121°46'40.03"
HD Diff. (m)	174.2
Accuracy (m)	5

Inspection

Date of Inspection 2016-10-24 2:56:59 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair damage to deck panel 1 on left approach (damage visible from underneath), and grade approaches. Present load rating of L75 or 68 tonnes to continue.



02/03/2017

P.Eng Seal

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Approach

Alignment Fair

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

Posted Load Rating 68182

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair steel plates and rubber pads

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Fair

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair damage to panel 1 on left bank - underneath

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)

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Steel/Concrete

Serial/ID Plate

Girders Good composite

Diaphragms Good 1 at midspan

Bracing N/A

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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	17.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	repair damage to panel 1
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2	Medium	grade in potholes
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



potholes at approaches



Deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



composite girders



water gauge

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panel 1 left approach