

CK-2064

CHILLIWACK-TAMIHI CR 6.3km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°1'57.6"	-121°48'49.8"
Crossing Name	Tamihi Creek
FSR #	5127
Branch #	6
Road Name	CHILLIWACK-TAMIHI CR
User km	6.3
Current Load Rating (tonnes)	68
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)	27.4
Deck Width (m)	4.87

Updated Data

Latitude	Longitude
49°1'57.66"	-121°48'50.56"
HD Diff. (m)	15.6
Accuracy (m)	10

Inspection

Date of Inspection 2016-10-24 1:56:15 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Assume girders were dropped during install as both have slight undulations along bottom flange.

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.



02/03/2017

P.Eng Seal

CK-2064

CHILLIWACK-TAMIHI CR 6.3km

2016 Inspection



CBR iPad Offline Ver 0.23

Approach

Alignment Fair

VC left approach and HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair logs

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 - buldging

Piles or Posts Fair

Ballast Wall Fair

Wing Wall Good

Bracing Good

Hardware Good

Fill Fair

Riprap Fair over steepened

Bearings Fair

Corrosion Protection Fair

CK-2064

CHILLIWACK-TAMIHI CR 6.3km

2016 Inspection

CBR iPad Offline Ver 0.23

**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 Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm)

CK-2064

CHILLIWACK-TAMIHI CR 6.3km

2016 Inspection



CBR iPad Offline Ver 0.23

Steel/Concrete

Serial/ID Plate

Girders Fair

bottom flange on both girders have slight undulations along length

Diaphragms Fair

Bracing Fair

5 bolted bays

Under Trussing N/A

Hardware Fair

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

CK-2064

CHILLIWACK-TAMIHI CR 6.3km

2016 Inspection

CBR iPad Offline Ver 0.23



Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1

2

3

Item	Monitor Description	Frequency
1 bearing		Routine Inspection
2 undulations in bottom flange of girders		Routine Inspection

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



precast wingwall downstream right bank



Left Bank Abutment when facing downstream



panel 1 on right bank



superstructure



right bank bearing pads - typical both sides



slight undulation of bottom flange - upstream girder



left bank bearing pads - typical both sides



slight undulation of bottom flange - down stream girder