

CK-2109

HARRISON EAST 35.3km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°36'17.2"	-121°49'21.4"
Crossing Name	Hornet Creek
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	35.3
Current Load Rating (tonnes)	136
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	19.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°36'15.5"	-121°49'21.55"
HD Diff. (m)	52.7
Accuracy (m)	5

Inspection

Date of Inspection 2015-10-21 12:41:44 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing delineators; monitor deck panels for movement. Structure is tentatively planned for replacement in the summer of 2016. Present load rating of L150 or 136 tonnes to continue.



P.Eng Seal

Dec 4/2015

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Approach

Alignment Good

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 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 Cribbs Fair 4x

Tie Backs Fair 3x

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Douglas Fir logs appear to have been placed 7-8 years ago

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Fair

Riprap Poor none in front of crib

Bearings Fair

Corrosion Protection N/A

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Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	Fair	some deck clips missing while others are loose - no movement in the panels evident
Concrete Deck	Fair	
Grout Pockets	N/A	
Deck Joints	Fair	some damage at panel joints
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	some risers and blocks in poor shape
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair

Diaphragms Fair

Bracing Fair

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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	13.0	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

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



missing all deck joint seals



Deck



damaged riser and block

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damaged riser



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



missing and loose deck clips

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Douglas Fir sills starting to deteriorate



Right Bank Abutment when facing downstream