

CK-2110

HARRISON EAST 38.5km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°38'21.09"	-121°50'12.4"
Crossing Name	Clear Creek (structure # 29)
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	38.5
Current Load Rating (tonnes)	
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)	4.9

Updated Data

Latitude	Longitude
49°38'21.11"	-121°50'12.69"
HD Diff. (m)	5.8
Accuracy (m)	5

Inspection

Date of Inspection 2015-10-21 10:46:13 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Monitor first deck panel on left approach as the ballast wall is approximately 50mm below deck panel and will be subject to grader damage. Concrete barriers are placed backwards on left upstream approach and are not linked together - repair. Present load rating of L150 or 136 tonnes to continue.



P.Eng Seal

Dec 7/2015

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair backwards

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 steel plates and rubber pads

Piles or Posts Good

Ballast Wall Fair left bank wall hung 50mm lower than deck panel

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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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 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)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

6 bays - bolted

Bracing Good

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	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
1	deck panel damage at left approach	Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Deck



concrete barriers on left bank are backwards



Approach from Right Bank when facing downstream

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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



left bank ballast wall hung 50mm lower than deck panel - probe to grader damage