

CK-2106

HARRISON EAST 15.4km

2015 Inspection



CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°27'59.19"	-121°45'45.7"
Crossing Name	Bear Creek
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	15.4
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Concrete Cast in Place
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	32.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°27'56.59"	-121°45'45.7"
HD Diff. (m)	114.7
Accuracy (m)	5
15.0	

Inspection

Date of Inspection 2015-06-19 9:56:21 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.



Dec 3/2015

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating 68040

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

CIP left bank

Caps or Sills Good

plates and rubber pads right bank

Piles or Posts Good

Ballast Wall Good

Wing Wall Good

downstream right bank

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

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	Good	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	steel risers and W-beam
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 Fair painted deep (3m+) girders - minor corrosion

Diaphragms Good 8 bays, welded

Bracing Good

Under Trussing N/A

Hardware N/A

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)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10.0	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



Approach from Right Bank when facing downstream



Deck



Upstream Profile

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Left Bank Abutment when facing downstream



double ballast wall - stacked



deck clips



superstructure

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right downstream wall battered



Right Bank Abutment when facing downstream