

CK-2114

HARRISON EAST 56.5km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°45'33.99"	-121°52'8.5"
Road Name	HARRISON EAST
User km	56.5
Current Load Rating (tonnes)	136
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)	28
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°45'33.7"	-121°52'8.71"		
HD Diff. (m)	10.0	Accuracy (m)	5
Harrison East			
54.8			
L150 or 136 tonnes			
Permanent Bridge			
N			
Compo Girders			
Concrete Composite			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
28.0			
4.9			

Inspection

Date of Inspection 2014-08-26 11:08:59 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Brush approaches and monitor hairline cracks in composite girders. Present load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Fair

Posted Load Rating 136

Road Surface Fair

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 Good

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Good

Riprap Good BR left

Bearings Good

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Corrosion Protection Good

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

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Fair 2 composite I beams - some hairline cracks noted

Diaphragms Good 2 - welded

Bracing N/A

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)	Comment
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Hazards

Estimated Present Water Level Depth (m) 2.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 6.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 4.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches
2		
3		

Monitor Item

Monitor Description

Monitoring Frequency

1	hairline cracks in girders	routine
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



rusting girder at grout pockets

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superstructure



Right Bank Abutment when facing downstream