

CK-2354

HARRISON EAST 16.8km

2015 Inspection



CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°28'38.39"	-121°45'40.9"
Crossing Name	Side Creek
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	16.8
Current Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Sill - Permanent Materials
Abutment Right	Sill - Permanent Materials
Spans	1
Total Length (m)	11
Deck Width (m)	6

Updated Data

Latitude	Longitude
49°28'37.08"	-121°45'40.9"
HD Diff. (m)	57.6
Accuracy (m)	5
16.4	
N	

Inspection

Date of Inspection 2015-06-19 9:40:32 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Present load rating of L100 or 91 tonnes to continue.



P.Eng Seal

Dec 4/2015

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y minor

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

Fender Condition Good

Posted Load Rating 90680

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair painted steel I beam

Piles or Posts Fair small diameter on and 2 posts

Ballast Wall Good 2 per abutment

Wing Wall Good downstream right

Bracing Fair

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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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	N/A	
Concrete Deck	Fair	
Grout Pockets	Good	
Deck Joints	Fair	
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	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair painted steel girders (4)

Diaphragms Fair only at bearing locations

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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	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 Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Deck

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Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



right downstream wall



superstructure

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upstream girder set shimmed due to different deck thicknesses



concrete deck thicknesses



downstream girder set