

CK-2108

HARRISON EAST 30.7km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude		
49°34'30.2"	-121°49'4"		
Crossing Name	Not Known		
FSR #	5748	Branch #	1
Road Name	HARRISON EAST		
User km	30.7		
Current Load Rating (tonnes)	136		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	9		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°34'31.49"	-121°49'2.07"		
HD Diff. (m)	52.1	Accuracy (m)	5

Inspection

Date of Inspection 2016-11-08 7:52 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

The riprap is scouring on the right bank abutment and immediately upstream of the end of riprap on the left abutment. Both sections require additional riprap to help from further scour. Brush approaches by next spring prior to leaf out. Monitor stream aggradation at the inlet. Present load rating of L150 or 136 tonnes to continue.



P.Eng Seal

Nov 10/2016

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Approach

Alignment Fair

VC right approach

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

 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 Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good integrated cap/wall combo

Piles or Posts Unrated buried

Ballast Wall Good

Wing Wall Good lock blocks on downstream right bank

Bracing Unrated buried

Hardware Good

Fill Fair

Riprap Fair scoured on right bank, additional req'd U/S left bank

Bearings Good

Corrosion Protection Unrated buried

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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 N/A

Grout Pockets N/A

Deck Joints N/A

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 4 slabs

Diaphragms N/A

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	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	repair riprap at both banks
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2	Low	brush approaches
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3	Low	
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Item	Monitor Description	Frequency
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1	aggradation	Routine Inspection
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2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



looking upstream from deck



Deck



looking downstream from deck



Approach from Left Bank when facing downstream



riprap scour downstream right bank



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



downstream right bank wing wall



current hi flows are being directed towards left bank - behind riprap



Upstream Profile



upstream from crossing - erodible banks