

CK-2108

HARRISON EAST 30.7km

2019 Inspection

CBR iPad Offline Ver 0.31



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		
Previous 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°34'31.34"	-121°49'1.74"		
HD Diff. (m)	44.2	Accuracy (m)	5
L150 or 136 tonnes			

Inspection

Date of Inspection 2019-08-20 10:13:19 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company FLNRORD

Inspector Comments

No shear connectors on concrete slabs

P.Eng Comments

The stream banks appear highly erodible and the riprap appears undersized for the expected flows. The stream appears to have "jumped" its banks upstream recently causing bank erosion - stream is on an active flood plain. Monitor the stream bank condition and inlet aggradation, especially following heavy precipitation events. Replace all the paraseal joints and clean sediment from deck. Brush approaches. The current load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Good

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 136000

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Cap/wall combo

Piles or Posts Unrated

Buried

Ballast Wall Good

Wing Wall Good

Lock blocks at downstream right bank

Bracing Unrated

Buried

Hardware

Fill Fair

Riprap Fair

Appears undersized - monitor condition

Bearings Good

Corrosion Protection Unrated

Buried

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good 4 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors NA None**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 Stream banks are highly erodible upstream

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Low	Clean sediment from deck
2	Medium	Replace all paraseal joints
3	Low	Brush approaches

Item	Monitor Description	Frequency
1	Aggradation and abutment erosion from periodic high flows	Anually
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Debris in channel upstream



Multiple channels upstream of crossing



Approach from Right Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Lock blocks downstream right bank



Each slab appears to have 4 connections at abutment



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Paraseal is in poor condition