CK-2112	HARRISON EAST 51.7km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°43'34.79"	-121°51'10.8"

Road Name	HARRISON EAST
User km	51.7
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	21.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°43'34.12"	-121°51'11.27"

HD Diff. (m)	22.9	Accuracy (m)	5

Harrison East	
50.5	
L150 or 136 tonnes	
Permanent Bridge	
N	
Steel I-beam	
Concrete Composite	
Steel Pipe and Precast Pad	
Steel Pipe and Precast Pad	
1	
21.4	
4.9	

Inspection

Date of Inspection 2014-08-26 10:44:08 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L150 or 136 tonnes to continue.

Dec 18/2014

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	
Brushing Required	N	
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Fair	no fender upstream right approach
Posted Load Rating	136	
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Fair	left upstream pad has been casted below to help from erosion - appears to be holding up well
Caps or Sills	Good	steel plates and rubber pads
Piles or Posts	Good	
Ballast Wall	Good	
Wing Wall	Good	only right approach
Bracing	N/A	none due to the short post height
Hardware	N/A	
Fill	Fair	
Riprap	Good	
Bearings	Good	

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	Good
Grout Pockets	Good
Deck Joints	Good
Steel Deck Plate	N/A
Gravel Surface	N/A
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	N/A
Hardware	Good
Overall Deck Condition	Good
Gravel Depth (mm)	

Steel/Concrete

Girders	Good	2 steel I beams
Diaphragms	Good	4 - bolted
Bracing	N/A	
Under Trussing	N/A	
Hardware	Good	
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

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1		
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

CK-2112 HARRISON EAST 51.7km 2014 Inspection

Approach from Left Bank when facing downstream

looking upstream

Deck

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

left upstream pad

left upstream pad

Right Bank Abutment when facing downstream

superstructure