

CK-2354

HARRISON EAST 16.8km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°28'38.39"	-121°45'40.9"
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 Removable
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°28'37.53"	-121°45'42.16"		
HD Diff. (m)	36.9	Accuracy (m)	5
Harrison East			
16.6			
L100 or 91 tonnes			
Permanent Bridge			
N			
Steel I-beam			
Concrete Composite			
Sill - Permanent Materials			
Sill - Permanent Materials			
1			
11			
6.0			

Inspection

Date of Inspection 2014-08-26 8:37:43 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Brush approaches and monitor deck joints. Present load rating of L100 or 91 tonnes to continue.

T. Miller
Dec 18/2014



CK-2354

HARRISON EAST 16.8km

2014 Inspection

CBR iPad Offline Ver 0.17

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 Good

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair steel I-beam cap

Piles or Posts Fair small diameter - 220mm

Ballast Wall Fair undermined right downstream however fill appears stable (riprap)

Wing Wall Fair 2 piece on right downstream

Bracing Fair

Hardware N/A

Fill Fair

Riprap Good

Bearings Fair

CK-2354

HARRISON EAST 16.8km

2014 Inspection

CBR iPad Offline Ver 0.17

Corrosion Protection Fair

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 downstream panels different depth then upstream panels

Grout Pockets Fair

Deck Joints Fair grout chipping in localized locations and moisture appears to be going right through to bottom side of panels - panels on downstream are independent from upstream -

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good w-beam with steel risers

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair monitor deck joints

Gravel Depth (mm)

CK-2354

HARRISON EAST 16.8km

2014 Inspection

CBR iPad Offline Ver 0.17

Steel/Concrete

Girders Fair

4 painted steel I beams - 2 sets - different depths

Diaphragms Fair

1 at each end for both sets of girders

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

CK-2354

HARRISON EAST 16.8km

2014 Inspection

CBR iPad Offline Ver 0.17

Hazards

Estimated Present Water Level Depth (m) 0.1

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 2.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 1.5

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush approaches
2	Low	
3		

Monitor Item

Monitor Description

Monitoring Frequency

1 wearing deck joints in localized locations

Annually

2

3

Sketch
(Select Signature)

CK-2354

HARRISON EAST 16.8km

2014 Inspection



Approach from Left Bank when facing downstream



Deck



deck joints



deck joints

CK-2354

HARRISON EAST 16.8km

2014 Inspection



Approach from Right Bank when facing downstream



wing wall



Left Bank Abutment when facing downstream



right downstream ballast wall

CK-2354

HARRISON EAST 16.8km

2014 Inspection



downstream



Right Bank Abutment when facing downstream



differing depths of deck panels