

CK-2112

HARRISON EAST 50.5km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°43'34.79"	-121°51'10.8"
Crossing Name	Not Known
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	50.5
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°43'35.09"	-121°51'10.76"
HD Diff. (m)	9.0
Accuracy (m)	10
50.2	

Inspection

Date of Inspection 2017-08-01 11:24:40 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Brush and grade approaches. Monitor the corrosion noted on the superstructure. Present load rating of L150 or 136 tonnes to continue.



11/09/2017

P.Eng Seal

CK-2112

HARRISON EAST 50.5km

2017 Inspection



CBR iPad Offline Ver 0.26

Approach

Alignment Fair

HC right approach, VC left 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 Fair

Missing upstream right approach fender

Posted Load Rating 136090

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Fair

Upstream left bank footing appears to have had additional work to it and appears stable

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall Good

Only on right bank

Bracing Good

NA at left abutment

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

CK-2112

HARRISON EAST 50.5km

2017 Inspection

CBR iPad Offline Ver 0.26

**Deck**Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**Grout Pockets **Fair** Some water getting through causing minor corrosion of superstructureDeck Joints **Fair** Some water getting through causing minor corrosion of superstructure

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Fair**

Gravel Depth (mm)

CK-2112

HARRISON EAST 50.5km

2017 Inspection



CBR iPad Offline Ver 0.26

Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 4 bolted bays

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors**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

CK-2112

HARRISON EAST 50.5km

2017 Inspection

CBR iPad Offline Ver 0.26



Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1	Medium	Brush and grade approaches when active
---	--------	--

2		
---	--	--

3		
---	--	--

Item	Monitor Description	Frequency
1	Monitor steel delamination	Routine Inspection

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



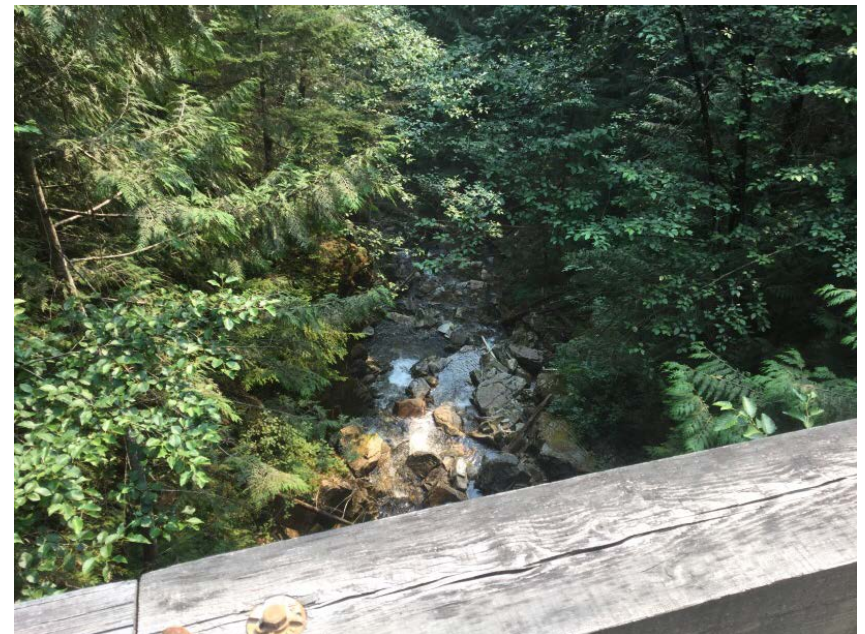
Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream right approach wingwall



Minor steel delamination on bottom flanges



Water getting through some deck joints - 50% of joints but only minor corrosion



Right Bank Abutment when facing downstream



Water getting through some grout pockets - 5% of pockets



Upstream left bank footing

CK-2112

HARRISON EAST 50.5km

2017 Inspection



Superstructure



Downstream right bank wingwall