

CK-2114
CK-2114

HARRISON EAST 54.8km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°45'33.69" Longitude -121°52'8.7"

Crossing Name Gold Creek

FSR # 5748 Branch # 1

Road Name HARRISON EAST

User km 54.8

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Compo Girders

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 28

Deck Width (m) 4.9

Updated Data

Latitude 49°45'31.44" Longitude -121°52'8.74"

HD Diff. (m) 69.9 Accuracy (m) 50

L150 or 136 tonnes

Inspection

Date of Inspection 2020-05-15 9:42:30 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

P.Eng Comments

Brush and grade approaches. The current load rating of L150 or 136 tonnes to continue.



2020-11-25

P.Eng Seal

CK-2114
CK-2114

HARRISON EAST 54.8km

2020 Inspection

CBR iPad Offline Ver 0.33



Approach

Alignment Fair

HC 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 Fair

Old logs

Posted Load Rating 136090

Road Surface Fair

Grade approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good Only right bank

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

CK-2114
CK-2114

HARRISON EAST 54.8km

2020 Inspection

CBR iPad Offline Ver 0.33



Deck

Running Surface Good Grade approaches

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

CK-2114
CK-2114

HARRISON EAST 54.8km

2020 Inspection

CBR iPad Offline Ver 0.33



Steel/Concrete

Girders Good

Composite girders with hairline cracks and minor steel delamination on top flange

Diaphragms Good

2 welded bays

Bracing

Under Trussing

Hardware

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-2114
CK-2114

HARRISON EAST 54.8km

2020 Inspection

CBR iPad Offline Ver 0.33



Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Miscellaneous. Other (specify in comments). # of items. Priority:Medium	Brush and grade approaches

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Minor spall



Downstream left bank footing



Left Bank Abutment when facing downstream



Minor corrosion on top flange