CK-2539
CK-2539

HARRISON EAST 20km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°30'33"	-121°46'4"

Site Status	Active
Insp. Status	Inspect
Crossing Name	unknown
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	20
Previous Load Rating (tonnes)	150
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)	10
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°30'33.11"	-121°46'4.27"

HD Diff. (m)	6.4	Accuracy (m)	6

Inspection

Date of Inspection: 2022-08-30 9:46:30 AM

Inspector Name: Cameron VandenBrink, EIT

Inspector Comments: Serial/ID Plate

Recommended Next Inspection: 2024

Inspection Company: Chartwell Resource Group Ltd

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 15 2023
Load rating: 150 tonnes or L165
Next inspection: 2024

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	HC curve, at base of Vc from town side
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	
Brushing Required	Y	Minor around structure.
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating		149700
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Good	Cap with integrated wing walls
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill	Good	
Riprap	Fair	Oversteepened but appears stable
Bearings	Good	
Corrosion Protection		

Deck

Running Surface		
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	Minor sediment on deck
Grout Pockets		
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders

Diaphragms

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

Hazards

Estimated Present Water Level Depth (m)	.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.75	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	1.2	Ic ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Area/sight line brushing. m². Priority:Low	Upstream brushing around structure.
2		
3		
4		
5		
6		
7		

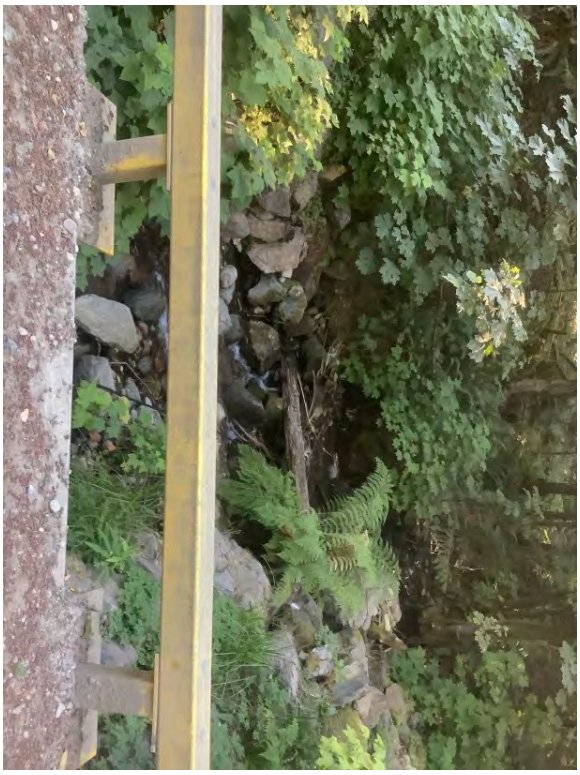
	Item	Monitor Description	Frequency
1	Oversteepened riprap		Routine Inspection
2			
3			

CK-2539
CK-2539

HARRISON EAST 20km

2022 Inspection

CBR iPad Offline Ver 0.36



Upstream from Crossing

Load Rating Sign

Downstream from Crossing

Approach from Left Bank when facing downstream

Approach from bridge deck of Left bank approach when facing downstream

Approach from bridge deck of Right bank approach when facing downstream

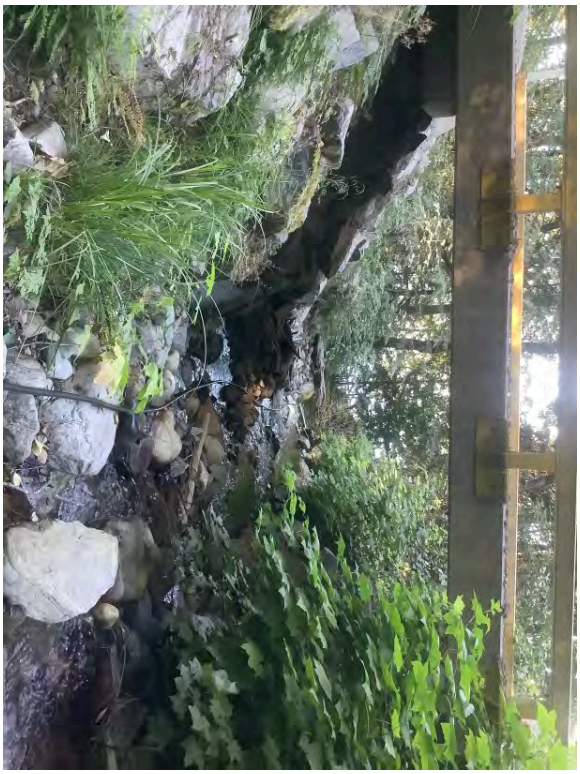
Approach from Right Bank when facing downstream

Deck

Left Bank Abutment when facing downstream

Downstream Profile

Upstream Profile



Right Bank Abutment when facing downstream

Structure ID