CK-2354	HARRISON EAST 16.4km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°28'37.09"	-121°45'40.9"

Crossing Name	Side Creek		
FSR #	5748	Branch #	1
Road Name	HARRISON EAST		
User km	16.4		
Current Load Rating (tonnes)	91		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
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°28'36.69"	-121°45'43.03"

HD Diff. (m)	44.8	Accuracy (m)	10

L100 or 91 tonnes

Steel Pipe and Precast Pad

Steel Pipe and Precast Pad

Inspection

Date of Inspection	2018-07-10 3:15:43 PM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Brush approaches. Monitor the downstream fill at the right abutment. Present load rating of L100 or 91 tonnes.

P.Eng Seal

Approach

Alignment	Fair	HC both approaches
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Good	
Posted Load Rating	90680	
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Fair	Painted steel cap with minor corrosion
Piles or Posts	Fair	Small diameter and only 1 set
Ballast Wall	Fair	Wearing at surface
Wing Wall	Good	Only downstream right bank
Bracing	Fair	
Hardware		
Fill	Fair	
Riprap	Good	
Bearings	Fair	
Corrosion Protection	Fair	

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	
Grout Pockets	Fair	
Deck Joints	Fair	Hairline cracks throughout
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition		
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	2 sets, painted with minor corrosion
Diaphragms	Fair	Only at bearing locations
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)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.2	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Brush approaches
2		
3		

Item	Monitor Description	Frequency
1	Downstream right abutment fill	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2354 HARRISON EAST 16.4km 2018 Inspection

Approach from Right Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

CK-2354 HARRISON EAST 16.4km 2018 Inspection

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Upstream girders

Downstream girders

Wingwall