

CK-2110

HARRISON EAST 38.5km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°38'21.09"	-121°50'12.7"
Crossing Name	Clear Creek (structure # 29)
FSR #	5748 Branch # 1
Road Name	HARRISON EAST
User km	38.5
Previous 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)	27.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°38'20.91"	-121°50'12.21"
HD Diff. (m)	11.3 Accuracy (m) 5
L150 or 136 tonnes	

Inspection

Date of Inspection 2019-08-15 2:33 PM

Recommended Next Inspection Year 2022

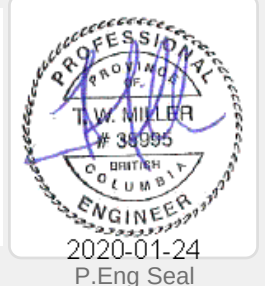
Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Reinstall all concrete no post barriers properly so they are all connected and facing the correct direction. Vegetation is starting to block the delineators, brush and grade approaches. The riprap at both banks are showing signs of minor scour, monitor their condition. The ballast wall on the right bank is slightly lower than the adjacent deck panel, monitor this deck panel condition as it may sustain damage from equipment like graders. The current load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Good

 Bridge Ahead Signs
 Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Delineators starting to be obscured

 Delineator Missing
 Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
 Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair No post installed backwards bull nose should face out not towards bridge

Posted Load Rating Not posted

Road Surface Fair Potholes starting to appear

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Right bank 50 mm lower than deck

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair Minor scour noted at both banks

Bearings Good

Corrosion Protection Good

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**Deck**

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

Girders Good

Diaphragms Good 6 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
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Hazards

Estimated Present Water Level Depth (m)	.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Brush and grade approaches
2	Medium	Reinstall all concrete no post barriers properly
3		

Item	Monitor Description	Frequency
1	Rip rap condition	Routine Inspection
2	Deck panel condition at the right bank	Routine Inspection
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Deck elevation 2 inches higher than ballast walls



Left Bank Abutment when facing downstream



Superstructure



Upstream Profile



Right Bank Abutment when facing downstream