

CK-2123

SHOVEL 7.6km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°48'34.4"	-121°46'43.3"
Crossing Name	Pick Creek
FSR #	5748
Branch #	6
Road Name	SHOVEL
User km	7.6
Previous Load Rating (tonnes)	64
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°48'33.69"	-121°46'43.22"
HD Diff. (m)	22.0
Accuracy (m)	5
East Harrison	
67.6	
BCL-625 or 63 tonnes	

Inspection

Date of Inspection 2019-08-15 10:48:54 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Monitor the downstream left bank riprap condition. The current load rating of BCL-625 or 63 tonnes to continue.



2020-02-12

P.Eng Seal

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Approach

Alignment Fair

HC at right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 63730

Road Surface Fair

Minor potholes both approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good Minor damage left approach

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair Monitor down stream left bank scour

Bearings Good minor bulging

Corrosion Protection Good

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**Deck**

Running Surface	Excellent	Minor potholes both approaches
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Running Planks	N/A	
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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	Excellent	
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Grout Pockets	Good	Non composite deck
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Deck Joints	Excellent	
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Excellent	
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Hand Rails/Walkouts		
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Hardware	Excellent	
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Overall Deck Condition	Excellent	
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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 phase

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)	5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments Rip rap scour left approach downstream

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Down stream left approach rip rap	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Rubber bearing slight bulge



Superstructure



Structure ID



Down stream left bank rip rap scour



Right Bank Abutment when facing downstream