

QC-7132

CHADSEY MAIN 2.1km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude		
53°0'25.8"	-131°58'0"		
Crossing Name	Unknown		
FSR #	10843	Branch #	1
Road Name	CHADSEY MAIN		
User km	2.1		
Current Load Rating (tonnes)	150		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel I-beam		
Deck Type	Steel		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	12.3		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
53°0'26.36"	-131°58'.54"		
HD Diff. (m)	20.0	Accuracy (m)	5
12.192			

Inspection

Date of Inspection 2017-09-12 10:52:32 AM

Recommended Next Inspection Year 2019

Inspector Name Mitch Lowe

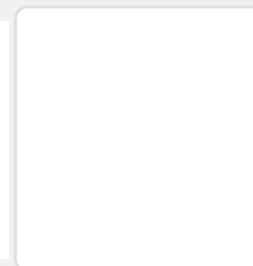
Inspection Company Onsite Engineering Ltd

Inspector Comments 

Overall good condition. Some corrosion on girders. Damage to one guard rail. No approach barriers.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017
 Load Rating: 150 Tonnes GVW
 Next Inspection: September 1, 2020
 Comments:



P.Eng Seal

Approach

Alignment Fair Steep grade on camp 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 Poor No approach barriers present.

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair H-Beam cap

Piles or Posts Fair Steel posts

Ballast Wall Fair Cw ballast walls

Wing Wall

Bracing Fair

Hardware Good

Fill

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate Fair

Gravel Surface

Curb Rail/Blocks/Posts Poor Damage to river right downstream W-Beam. End section and first length of W-beam.

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate BCFS L-165 MBS40' #916

Girders Fair Some corrosion noted on girders

Diaphragms Fair

Bracing N/A

Under Trussing

Hardware Fair

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)	0.1	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	2	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	2	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Install approach barriers.
2	Medium	Repair guard rails.
3		

Item	Monitor Description	Frequency
1	Mudsill under riprap from previous structure. Monitor riprap stability.	Routine Inspection
2	Corrosion noted on girders. Monitor for section loss.	Routine Inspection
3		

Sketch
(Select Signature)