

QC-7131

CHADSEY MAIN 1.7km

2017 Inspection



CBR iPad Offline Ver

**CBR Data**

Latitude 53°0'32.29" Longitude -131°57'48.7"

Crossing Name Unknown

FSR # 10843 Branch # 1

Road Name CHADSEY MAIN

User km 1.7

Current Load Rating (tonnes) 150

Structure Class Temporary Bridge

Portable N

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 53°0'32.04" Longitude -131°57'49.2"

HD Diff. (m) 12.3 Accuracy (m) 5

12.192

**Inspection**

Date of Inspection 2017-09-12 11:16:22 AM

Recommended Next Inspection Year 2019

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Overall good-fair condition. No major issues noted.

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

Bridge Ahead Signs Missing  0  1  2

Brushing Required Y

Delineator Missing Left  0  1  2

Delineator Missing Right  0  1  2

Fender Condition Fair

Log approach barriers. Camp upstream barrier has rolled off.

Posted Load Rating

Road Surface Good

### Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

H-Pile Cap

Piles or Posts Fair

Steel posts

Ballast Wall Fair

Cw ballast walls

Wing Wall

Bracing Fair

Hardware Good

Fill

Riprap Fair

Bearings Fair

Corrosion Protection Fair

**Deck**

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate	Fair	Running surface is worn, but functioning.
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	Minor mechanical damage but still functioning. One riser on upstream half is broken.
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		



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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)	3	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	2.5	Ice	<input type="checkbox"/>		

Comments

### Repairs and Monitoring

Repair		
Item	Priority	Repair Description

1 Medium Reposition camp approach barrier.

2 Medium Repair guard rail riser.

3

Item	Monitor Description	Frequency
1	Monitor riprap scour as it does not appear to be placed to stream bottom.	Routine Inspection

2

3

Sketch  
(Select Signature)