

QC-7130

CHADSEY MAIN 1km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°0'42.69" Longitude -131°57'45.6"

Crossing Name Unknown

FSR # 10843 Branch # 1

Road Name CHADSEY MAIN

User km 1

Current Load Rating (tonnes) 150

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) 30.3

Deck Width (m) 4.9

Updated Data

Latitude 53°0'42.4" Longitude -131°57'44.96"

HD Diff. (m) 15.0 Accuracy (m) 5

Inspection

Date of Inspection 2017-09-12 11:44:15 AM

Recommended Next Inspection Year 2020

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Monitor debris jam at Inlet. Girders are very close to the Q100 level. Suggest a visual inspection following high flow events.

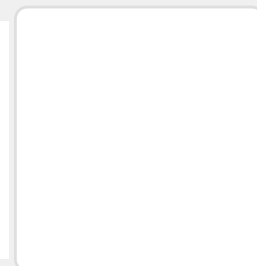
P.Eng Comments

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

Posted Load Rating

Road Surface Poor Holes in road surface on river left approach, fill appears to be settling.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair Corrugated steel ballast walls.

Wing Wall

Bracing Good

Hardware Fair

Fill

Riprap Fair

Bearings Fair Bearing pads beginning to bulge.

Corrosion Protection Fair

Deck

Running Surface	Fair	Holes in road surface on river left approach, fill appears to be settling.
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts	Good	
Concrete Deck	Fair	Paraseal appears to be functioning.
Grout Pockets	N/A	Unable to asses grout pockets. Appears to not be present.
Deck Joints	Fair	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Replace risers, riser blocks, and guard rails.
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	<input checked="" type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	27	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0.5	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace guard rails.
2	High	Remove debris jam from upstream woods side.
3	Medium	Clean girders

Item	Monitor Description	Frequency
1	Monitor debris jam until it is removed. Structure does not have significant clearance to high water mark and is susceptible to damage from high flow events.	6 mo.
2		
3		

Sketch
(Select Signature)