

QC-7132

CHADSEY MAIN 2.1km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
53°0'26.39"	-131°58'.5"
Crossing Name	Unknown
FSR #	10843
Branch #	01
Road Name	CHADSEY MAIN
User km	2.1
Previous 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)	12.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
53°0'26.38"	-131°57'59.93"
HD Diff. (m)	10.6
Accuracy (m)	10

Inspection

Date of Inspection 2019-09-13 9:26:20 AM

Inspector Name Lindsey McGill

Inspector Comments Serial/ID Plate QC-7132

Repair guardrail at next industrial activity.

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 13, 2020

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2022

Comments:



P.Eng Seal

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Approach

Alignment Good

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair Ty local corrosion and pitting. Welded to tops of steel pipe.

Piles or Posts Fair

Ballast Wall Fair Large logs with rot. Stable.

Wing Wall N/A

Bracing Fair Visible portion looks fair

Hardware Fair Corrosion present

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Poor None present. Typical pitting and corrosion.

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**Deck**

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	Fair	
Steel Deck Plate	Fair	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	Galvanized W-Beam, damage on one section.
Hand Rails/Walkouts	N/A	
Hardware	Fair	Typical corrosion and pitting
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

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Steel/Concrete

Girders Fair

Typical pitting and corrosion.

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware Fair

Bolted connection at bearings is suffering from corrosion.

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

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)	.05	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.2	Ice	☐		

Comments Very little flow in crossing.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Damaged guardrail section on downstream low chain side of bridge.
2		
3		

Item	Monitor Description	Frequency
1	Monitor corrosion in all exposed steel.	Routine Inspection
2		
3		

Sketch
(Select Signature)

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Bearing



Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Upstream Profile



Downstream from Crossing



Downstream Profile





Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Guard Rail

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