

QC-7131

CHADSEY MAIN 1.7km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°0'32" Longitude -131°57'49.2"

Crossing Name Unknown

FSR # 10843 Branch # 01

Road Name CHADSEY MAIN

User km 1.7

Previous 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) 12.2

Deck Width (m) 4.9

Updated Data

Latitude 53°0'31.99" Longitude -131°57'49.41"

HD Diff. (m) 3.9 Accuracy (m) 5

Y

Inspection

Date of Inspection 2019-09-13 9:49:01 AM

Inspector Name Lindsey McGill

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate QC-7131

Bridge looks to be overkill for site, possible embedded cmp? Minor debris on deck should be cleared, replace guidelogs once industrial activity resumes.

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

QC-7131

CHADSEY MAIN 1.7km

2019 Inspection



CBR iPad Offline Ver

Approach

Alignment Good

 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 Riser posts missing.

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 Steel I-beam cap, typical corrosion and pitting.

Piles or Posts Fair No issues with what is visible.

Ballast Wall Fair Log ballast on low chain abutment.

Wing Wall N/A

Bracing Fair Typical corrosion and pitting.

Hardware Fair Bolted connection at bearings.

Fill Good

Riprap Good

Bearings Fair Bolted connection

Corrosion Protection Poor None present

QC-7131

CHADSEY MAIN 1.7km

2019 Inspection

CBR iPad Offline Ver

**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	N/A	
Steel Deck Plate	Fair	Typical corrosion an pitting.
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Downstream guardrail is only connected by two bolts and missing a riser post.
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	Minor debris on deck.
Gravel Depth (mm)		
Pier Deck		

QC-7131

CHADSEY MAIN 1.7km

2019 Inspection

CBR iPad Offline Ver

**Steel/Concrete**

Girders Fair Typical pitting and corrosion.

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware Fair

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

Log Curbs Fair

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
--------------------	---------	--------	------------------	-------------------	-----------	---------

QC-7131

CHADSEY MAIN 1.7km

2019 Inspection

CBR iPad Offline Ver



Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments Dry channel, looks to see water annually but for very short periods of time.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Repair guardrails. Replace guidelogs once industrial activity resumes.
2		
3		

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

Sketch
(Select Signature)

Left Bank Abutment when facing downstream



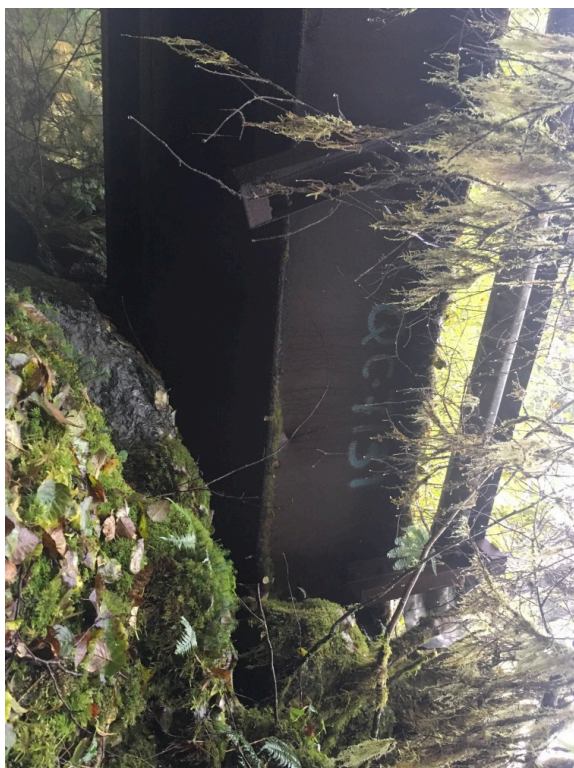
Downstream Profile



Right Bank Abutment when facing downstream

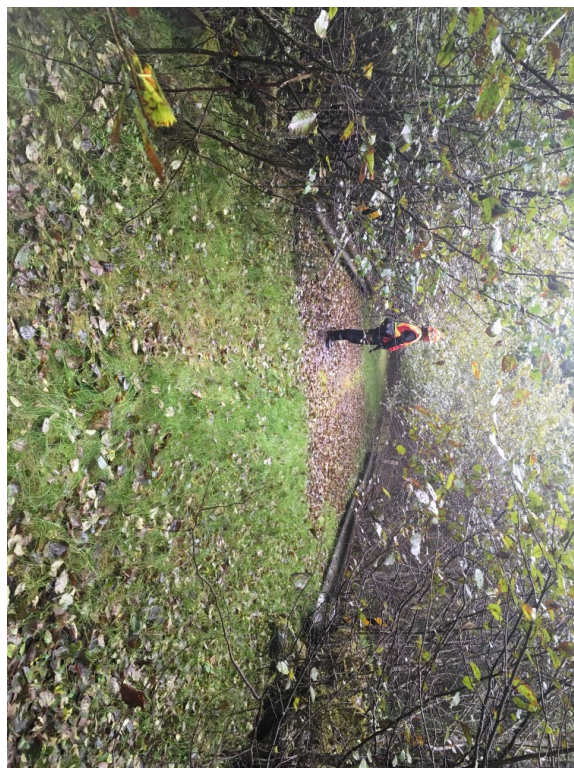


Structure ID





Upstream Profile



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Guard Rail missing riser post

Upstream from Crossing



Guard Rail



Downstream from Crossing



QC-7131

CHADSEY MAIN 1.7km

2019 Inspection

CBR iPad Offline Ver



QC-7131

CHADSEY MAIN 1.7km

2019 Inspection

CBR iPad Offline Ver

