

QC-7905

QC_MOS1000 2.3km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°4'8.6"	-132°12'9"		
Crossing Name	Not Known		
FSR #	10247	Branch #	01
Road Name	QC_MOS1000		
User km	2.3		
Previous Load Rating (tonnes)	150		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	12.2		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
53°4'7.94"	-132°12'9.63"		
HD Diff. (m)	23.6	Accuracy (m)	5

Inspection

Date of Inspection 2019-09-13 12:17:41 PM

Recommended Next Inspection Year 2021

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate

Monitor scour as town side sill is perched and needs repair prior to industrial activity.

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: Replace missing delineators and signage.



P.Eng Seal

QC-7905

QC_MOS1000 2.3km

2019 Inspection



CBR iPad Offline Ver

Approach

Alignment Poor

On tight corner Bush side road width adequate to accommodate turns.

 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 Good

Abutment

Log/Timber Cribs Fair

Single sill logs above riprap. Town side has limited support due to scour from below.

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware Poor

Outside corners appear lag bolted, nowhere else (4 total). No signs of movement.

Fill Good

Riprap Fair

Town side riprap being scoured from below.

Bearings Fair

Corrosion Protection N/A

QC-7905

QC_MOS1000 2.3km

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	Poor	2-3" gap between portable pieces
Steel Deck Plate	Fair	Anti-skid surface worn of. Typical pitting and corrosion.
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	N/A	I
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck	N/A	

QC-7905

QC_MOS1000 2.3km

2019 Inspection



CBR iPad Offline Ver

Steel/Concrete

Girders Fair

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Poor Missing numerous lag bolts

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

Log Curbs Poor Missing guidelogs

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
--------------------	---------	--------	------------------	-------------------	-----------	---------

QC-7905

QC_MOS1000 2.3km

2019 Inspection

CBR iPad Offline Ver



Hazards

Estimated Present Water Level Depth (m)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.3	Ice	☐		

Comments Town side sill actively being scoured from below. Stable for now.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Replace missing delineators and signage.

2	Low	Add guidelogs
---	-----	---------------

3		
---	--	--

Item	Monitor Description	Frequency
1	Monitor scour and riprap stability on town abutment.	Routine Inspection

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream

QC-7905

QC_MOS1000 2.3km

2019 Inspection

CBR iPad Offline Ver



Downstream Profile



Structure ID



Upstream Profile



Right Bank Abutment when facing downstream



QC-7905

QC_MOS1000 2.3km

2019 Inspection

CBR iPad Offline Ver



Left Bank Abutment when facing downstream



QC-7905

QC_MOS1000 2.3km

2019 Inspection

CBR iPad Offline Ver



QC-7905

QC_MOS1000 2.3km

2019 Inspection

CBR iPad Offline Ver

