

QC-7834

QC_NEY1000 1.3km

2019 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude		
53°34'54.9"	-132°6'50.5"		
Crossing Name	Not Known		
FSR #	10324	Branch #	03
Road Name	QC_NEY1000		
User km	1.3		
Previous Load Rating (tonnes)	5		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Sill -Temporary Materials		
Abutment Right	Sill -Temporary Materials		
Spans	1		
Total Length (m)	12.2		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
53°34'54.4"	-132°6'50.82"		
HD Diff. (m)	16.7	Accuracy (m)	10

Inspection

Date of Inspection 2019-09-08 10:27:59 AM

Recommended Next Inspection Year 2022

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate Surespan, MFR, TCH-0701, L100, March '07, 16300

Install missing bridge ahead signs and load rating signage.

P.Eng Comments

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

Load Rating: 5 Tonnes GVW

Next Inspection: September 1, 2021

Comments: Shim or replace log with level fully bearing with portable bridge



P.Eng Seal

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Approach

Alignment Fair

Tight corner on low chain approach

Bridge Ahead Signs
Missing
☐ 0
 ☒ 1
 ☐ 2

Brushing Required N

Will be required in next two years

Delineator Missing
Left
☒ 0
 ☐ 1
 ☐ 2

Damaged but present

Delineator Missing
Right
☒ 0
 ☐ 1
 ☐ 2

Damaged but present

Fender Condition Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs Fair

Both sills are supported by a number of mud sills/corduoy logs.

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 Fair

Cedar logs

Wing Wall N/A

Bracing N/A

Hardware Fair

Woods bearing plate slightly unsupported, only lag bolted on outside edge as inside edge overhangs sill slightly.

Fill Good

Riprap N/A

None present. Adequate setback from creek that scour is not a concern.

Bearings Fair

Woods bearing plate slightly unsupported, only lag bolted on outside edge as inside edge overhangs sill slightly.

Corrosion Protection N/A

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**Deck**

Running Surface	Good	
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	Good	Anti skid surface has worn off along wheel path
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	HSS painted yellow
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck	N/A	

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Steel/Concrete

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Fair

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

Log Curbs Fair

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
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Hazards

Estimated Present Water Level Depth (m)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	.6	Ice	☐		

Comments Low profile crossing with limited clearance but appears to be adequate for creek.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Install bridge ahead on woods approach and load rating signs
2		
3		

Item	Monitor Description	Frequency
1	Deteriorating condition of mud sills. Likely not a structural risk to bridge but will cause settlement over time.	Routine Inspection
2		
3		

Sketch
(Select Signature)

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Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream

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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Structure ID

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Upstream Profile



Downstream Profile



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