

QC-7032

BEACH/RENNELL HILL 3.7km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°21'39.39" Longitude -132°18'50"

Crossing Name Unknown

FSR # 8229 Branch # 02

Road Name BEACH/RENNELL HILL

User km 3.7

Current Load Rating (tonnes) 136

Structure Class Woodbox/Log Culvert

Portable N

Superstructure

Deck Type

Abutment Left

Abutment Right

Spans 0

Total Length (m) 6

Deck Width (m)

Updated Data

Latitude 53°21'39.46" Longitude -132°18'49.5"

HD Diff. (m) 9.3 Accuracy (m) 5

Inspection

Date of Inspection 2018-09-16 2:45:48 PM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2019

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate

Structure has filled in approximately 9m from the inlet. Stream flow following bedrock through crossing. Evidence that the structure backwaters during high flows. Monitor structure during and after storm events (high flows), environmental risk high if structure fails. Replace structure.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., November 5, 2018

Load Rating: 136 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Replace structure.



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Approach

Alignment Fair

Bridge Ahead Signs
Missing • 0 ☒ 1 ☐ 2

Brushing Required N

Delineator Missing
Left • 0 ☒ 1 ☐ 2

Delineator Missing
Right • 0 ☒ 1 ☐ 2

Fender Condition Unrated None

Posted Load Rating 0

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap N/A

Bearings Fair

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	N/A	
Gravel Surface	Good	
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	Unable to determine.

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**Log Curbs **Poor** **None**Needle Beam **N/A**Needle Lashing/
Shimming **N/A**

Needle Beam to Crib (m)

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

Estimated Present Water Level Depth (m)	0.1	High Water	Debris	X
Estimated Present Water Level Width (m)	0.5	Aggradation	X	Scour
Estimated High Water Level Clearance (m)	0	Ice		

Comments Evidence that the structure backwaters during high flows. Monitor structure during and after storm events (high flows), environmental risk high if structure fails.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace structure.

2

3

Item	Monitor Description	Frequency
1	Monitor structure during and after storm events (high flows), environmental risk high if structure fails.	Other

2

3

Sketch
(Select Signature)