

QC-7911

BEACH/RENNELL HILL km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°15'38.49" Longitude -132°0'23.1"

Crossing Name Pedestrian Bridge - Spirit Lake

FSR # 8229 Branch # 02

Road Name BEACH/RENNELL HILL

User km

Previous Load Rating (tonnes) 1

Structure Class Temporary Bridge

Portable N

Superstructure Timber - untreated stringers

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 12.5

Deck Width (m) 1.5

Updated Data

Latitude 53°15'39.78" Longitude -132°0'21.46"

HD Diff. (m) 50.0 Accuracy (m) 5

Spirit Lake Trail

Inspection

Date of Inspection 2019-09-13 1:50:46 PM

Inspector Name Lindsey McGill

Inspector Comments Serial/ID Plate N/A

out to out length = 12.5m, span = 9.6m

Recommended Next Inspection Year 2021

Inspection Company Chartwell Consultants Ltd.

P.Eng Comments

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

Load Rating: 10 Persons

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 ☒ 2Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Unrated Foot traffic only

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs Good

Tie Backs Good

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 Good 6"x6" timber cribs pinned at corners with rebar

Fill Good

Riprap N/A

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface	Good	
Running Planks	Good	2" x 10" x 5', continuous
Sub Deck	N/A	
Ties	N/A	
Nails	Good	
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	N/A	
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	Good	Extends 1.05m above deck
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck	N/A	

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Steel/Concrete

Girders Good 12"x18" stringers spaced at 4' on center

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Good

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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	7	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments New trail bridge. No concerns noted.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Monitor settlement of cribs over long term.	Routine Inspection

2

3

Sketch
(Select Signature)

Upstream Profile



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream





Bearing



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream from Crossing

Downstream from Crossing



Trail Sign



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