

SQ-3105
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FURRY CREEK 02 0km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°34'35.69" Longitude -123°11'50.1"

Crossing Name Phylis Creek #1

FSR # 8210 Branch # 2

Road Name FURRY CREEK 02

User km 0

Previous Load Rating (tonnes) 5

Structure Class Temporary Bridge

Portable N

Superstructure Rail Car

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 17.5

Deck Width (m) 4.8

Updated Data

Latitude 49°34'35.8" Longitude -123°11'52.17"

HD Diff. (m) 41.6 Accuracy (m) 18

Inspection

Date of Inspection 2021-09-20 9:26:39 AM

Inspector Name Greg Dohm

Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Close bridge. Load rating changed to zero tonnes until deck upgraded to ministry standard of tie and plank decking.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021

Load Rating: 0 tonnes

Next Inspection: 2022

Comments: bridge closed due to deteriorated deck. Install standard Ministry timber deck or replace bridge.



P.Eng Seal

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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 Fair

Posted Load Rating 0 Down rated from 10 to 0 tonnes. Closed bridge

Road Surface Fair

Abutment

Log/Timber Cribs Fair Only used as fill retaining

Tie Backs Fair

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Fair

Bearings Unrated Not viewed

Corrosion Protection

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Deck

Running Surface Poor

Running Planks Poor Substandard

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Poor Due to substandard deck type for rail car

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs

Needle Beam

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	4	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Timber deck maintenance. # of signs. Priority:High	Substandard deck and reason for closing the bridge

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Upstream Profile



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



Deck