

SQ-3110

PHELIX CREEK BR 4 0.1km

2015 Inspection



CBR iPad Offline Ver 0.20

**CBR Data**

Latitude 50°35'57.69" Longitude -122°39'1.6"

Crossing Name Phelix Creek

FSR # 8354 Branch # 4

Road Name PHELIX CREEK BR 4

User km 0.1

Current Load Rating (tonnes) 0

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 15.8

Deck Width (m) 4.3

**Updated Data**

Latitude °0'0" Longitude -122°39'1.6"

HD Diff. (m) 5632695.1 Accuracy (m)

15.1

**Inspection**

Date of Inspection 2015-09-23 9:54:12 AM

Inspector Name Richard Mills

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Load Rated by: MFLNRO, Greg Dohm, PEng., March 10, 2016  
 Load Rating: 0 tonnes  
 Next Inspection: NA  
 Comments: Bridge access should be blocked.



P.Eng Seal

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### Approach

Alignment **Good**

Bridge Ahead Signs Missing  0  1  2

Brushing Required **Y**

Delineator Missing Left  0  1  2

Delineator Missing Right  0  1  2

Fender Condition **Good**

Posted Load Rating **not posted**

Road Surface **Fair**

### Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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## Deck

Running Surface	Poor	
Running Planks	Poor	rotten deck
Sub Deck		
Ties	Poor	rotten
Nails	Fair	
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts		
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Poor	rotten
Gravel Depth (mm)		

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**Steel/Concrete**

Serial/ID Plate

Girders **Poor** most are hollow and have dry rot.

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

**Log**

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)		
	Species	Peeled		Rot Depth (mm)	Condition	Comment
1	Ba	Y	550	200		dry rot
2	Fd	Y	730			
3	Ba	Y	640	200		hollow. dry rot
4	Ba	Y	530	200		hollow. dry rot

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### Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	4	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	2.5	Ice	<input type="checkbox"/>		

Comments

### Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	recommend blocking access.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch  
(Select Signature)