

SQ-3109

PHELIX CREEK 3.3km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude		
50°35'29"	-122°38'50.1"		
Crossing Name	Phelix Creek		
FSR #	8354	Branch #	2
Road Name	PHELIX CREEK		
User km	3.3		
Current Load Rating (tonnes)	68		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	14.8		
Deck Width (m)	4.8		

Updated Data

Latitude	Longitude		
50°35'28.92"	-122°38'49.85"		
HD Diff. (m)	5.5	Accuracy (m)	5

Inspection

Date of Inspection 2015-09-23 9:33:24 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Load Rated by: MFLNRO, Greg Dohm, PEng., March 16, 2016
 Load Rating: L75 or 68 tonnes
 Next Inspection: Sept. 1, 2017
 Comments: Repair curb rails prior to industrial use.



P.Eng Seal

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Approach

Alignment Fair HC both approaches

Bridge Ahead Signs Missing 0 1 2

Brushing Required Y

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition Poor none

Posted Load Rating 68000

Road Surface Fair

Abutment

Log/Timber Cribs Fair

Tie Backs Fair

Bin Wall N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Good treated timbers

Wing Wall N/A

Bracing N/A

Hardware Poor loose rail bolts

Fill Fair

Riprap Fair

Bearings Good

Corrosion Protection N/A

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Deck

Running Surface	N/A	
Running Planks	Poor	rotten
Sub Deck	Good	creosoted
Ties	Good	creosoted
Nails	Poor	protruding on wear deck
Deck to Girder Bolts	Good	
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	Poor	rotten
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to wear deck
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders **Good**

Diaphragms **Good**

Bracing **Good**

Under Trussing **N/A**

Hardware **N/A**

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

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)	1.0	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	8.0	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	2.0	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace wear deck and guardrail

2	Medium	brush with activity
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3		
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Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)