

CK-2236

SOWAQUA CREEK 9.6km

2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°23'44.8"	-121°11'51"
Road Name	SOWAQUA CREEK
User km	9.6
Current Load Rating (tonnes)	
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated - Panels
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	15.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude		
49°23'44.59"	-121°11'51.67"		
HD Diff. (m)	15.1	Accuracy (m)	5
Sowaqua Creek			
9.6			
Temporary Bridge			
Y			
Steel I-beam			
Timber – Untreated			
Sill -Temporary Materials			
Sill -Temporary Materials			
1			
15.2			
4.9			

Inspection

Date of Inspection 2014-07-07 12:07:28 PM

Inspector Name Tyson Miller

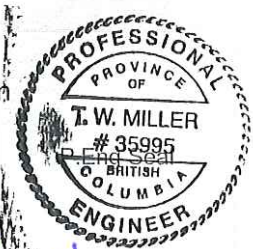
Inspection Company MFLNRO

Inspection Comments

Post bridge ahead signs, replace missing fender logs. Monitor for steel deformation as bearing plates only partially on log sills.

P.Eng Comments

Post bridge ahead signs and replace missing fender logs. Monitor for steel deformation as bearing plates only partially on log sills. Steel indicates L75 loading, which can continue for a temporary install provided the structural drawings are submitted to the Ministry for review.



Bill
Aug 8/2014

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Approach

Alignment Fair

large vertical curve right approach

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

rocks left approach, missing upstream right

Posted Load Rating

not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

single log sill

Piles or Posts N/A

Ballast Wall Fair

Wing WallBracing N/A

Hardware N/A

Fill Fair

Riprap Fair

Bearings Poor

bearing plates not completely on sills and loosely fastened

Corrosion Protection N/A

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Deck

Running Surface N/A

Running Planks Fair

Sub Deck Good modular deck panels

Ties Good

Nails Good

Deck to Girder Bolts Good modular clips

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 Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

steel I beams

Diaphragms Fair

4 bays - welded

Bracing Fair

Under Trussing N/A

Hardware N/A

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)

Comment

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Hazards

Estimated Present Water Level Depth (m) 0.5

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 4.0

Aggradation ☐Scour ☒

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comment

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	post bridge ahead signs
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2		
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3		
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Monitor Item

Monitor Description

Monitoring Frequency

1	monitor steel deformation as bearing plates only partially on sills
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Routine Inspection

2	
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3	
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Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream

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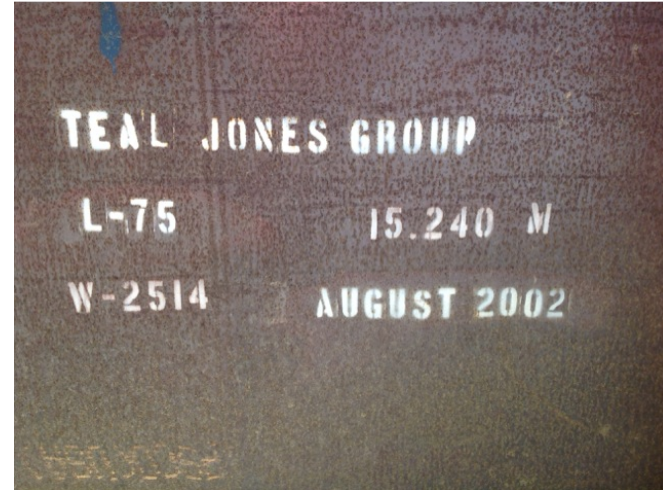
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left downstream bearing



deck clips



Structure ID



Left Bank Abutment when facing downstream

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right down stream bearing