

CK-2237

SOWAQUA CREEK 14.6km

2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°22'8.9"	-121°9'36.4"
Road Name	SOWAQUA CREEK
User km	14.6
Current Load Rating (tonnes)	
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)	30.5
Deck Width (m)	4.2

Updated Data

Latitude	Longitude
°0'0"	-121°9'36.4"
HD Diff. (m)	5495747.4 Accuracy (m)
Sowaqua Creek	
14.6	
Temporary Bridge	
N	
Steel I-beam	
Timber – Untreated	
Crib, Log or Untreated Timber	
Crib, Log or Untreated Timber	
1	
18.3	
4.3	

Inspection

Date of Inspection 2014-07-07 12:37:22 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Replace missing delineator and post bridge ahead signs. Monitor abutment condition annually. The girders appear to be only 1 section of a 30.480m o/o length as indicated on the steel.

P.Eng Comments

Replace missing delineator and post bridge ahead signs. Monitor abutment condition annually, especially when hauling. The girders appear to be 1 section of a 30.480m o/o length as indicated on the steel. The steel indicates L75 loading, which can continue for a temporary install provided the structural drawings are submitted to the Ministry for review.



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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs Fair 2x, Fd but not peeled

Tie Backs Fair 3x, small and unpeeled

Bin Wall N/A

Concrete N/A

Caps or Sills Poor

directly over

steel cap not centred under girders (not ~~on~~ set stiffeners) and only held in place with 2 nails

Piles or Posts N/A

Ballast Wall Fair

Wing WallBracing N/A

Hardware Fair only nails holding steel cap onto timber sill

Fill Fair

Riprap Fair

Bearings Fair girders off Center on steel cap

Corrosion Protection N/A

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Deck

Running Surface N/A

Running Planks Fair

Sub Deck Good

Ties Good

Nails Good

Deck to Girder Bolts Fair 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 Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Fair 1 section of 30m structure

Diaphragms Fair 4 - bolted

Bracing Fair

Under Trussing N/A

Hardware Fair

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) 0.4

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
1	Medium	replace missing delineator
2	Medium	post bridge ahead signs
3		

Monitor Item

Monitor Description

Monitoring Frequency

1 bearings

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



deck clips

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Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



left bank upstream bearing

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left bank downstream bearing



right bank bearing