

CK-2372

SOWERBY CREEK 1.6km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°18'23.6"	-121°25'45.9"
Road Name	SOWERBY CREEK
User km	1.6
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	21.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	-121°25'45.9"
HD Diff. (m)	5488780.7 Accuracy (m)
Sowerby Creek	
1.6	
L75 or 68 tonnes	
Permanent Bridge	
N	
Steel I-beam	
Concrete Composite	
Steel Pipe and Precast Pad	
Steel Pipe and Precast Pad	
1	
21.3	
4.9	

Inspection

Date of Inspection 2014-10-23 1:22:08 PM

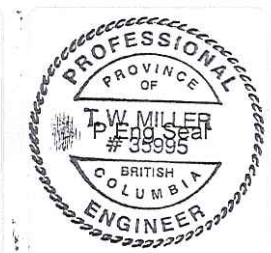
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Post bridge ahead signs and place fenders or concrete no post barriers at both approaches. Present load rating of L75 or 68 tonnes to continue.



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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Poor

none

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 Good plates and pads

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Good

Riprap Good

Bearings Good

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Corrosion Protection Good

Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair flared upstream left approach, and downstream right approach

Grout Pockets Fair

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten risers and blocks

Hand Rails/Walkouts N/A

Hardware Poor loose rail bolts

Overall Deck Condition Poor due to rail

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 5x, bolted

Bracing Good

Under Trussing N/A

Hardware Good

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)

Comment

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Hazards

Estimated Present Water Level Depth (m) 1.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 12.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 3.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	post bridge ahead signs
2	Medium	replace guardrail, risers and blocks
3		

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream

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Right Bank Abutment when facing downstream



Structure ID