

CK-2239

SOWERBY CREEK 6.5km

2015 Inspection

CBR iPad Offline Ver 0.21



CBR Data

Latitude	Longitude		
49°16'55.3"	-121°28'2.5"		
Crossing Name	Sowerby Creek		
FSR #	8112	Branch #	1
Road Name	SOWERBY CREEK		
User km	6.5		
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		
49°16'55.16"	-121°28'2.73"		
HD Diff. (m)	6.5	Accuracy (m)	5

Inspection

Date of Inspection 2015-10-23 11:19:57 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing section of guardrail; brush approaches; place fender logs/no post barriers at both approaches; replace missing delineators; and brush prior to activity. Present load rating of L75 or 68 tonnes to continue.



06/01/2016

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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 steel plates and rubber pads

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Fair

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	Good	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Fair	hairline cracks noted on surface
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	1 section cut out
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 5 bays - 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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

- | | | |
|---|--------|--|
| 1 | Medium | brush with activity |
| 2 | Medium | post bridge ahead signs |
| 3 | Medium | replace missing section of guardrail and place fenders at approaches |

Item

Monitor Description

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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Structure ID



superstructure



Right Bank Abutment when facing downstream



missing section of guardrail