

CK-2144

STS'AILES 56.3km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°40'9.8"	-122°0'55.5"
Crossing Name	Bremner Creek
FSR #	6314
Branch #	1
Road Name	STS'AILES
User km	56.3
Current Load Rating (tonnes)	63
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)	27.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°40'9.44"	-122°0'55.22"
HD Diff. (m)	12.4
Accuracy (m)	10

Inspection

Date of Inspection 2016-07-28 10:58:34 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair damage to deck panels and ballast walls. Replace guardrail, risers and blocks. Brush and grade approaches. Present load rating of CL-625 or 63 tonnes to continue. Update load rating sign.



01/03/2017

P.Eng Seal

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Approach

Alignment Poor

HC and VC both approaches limits visibility

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

 Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 68040

Road Surface Poor

large potholes at both approaches

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 Fair some damage on tops due to tracked machinery

Wing Wall N/A

Bracing Good

Hardware Poor loose rail bolts

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	Fair	large potholes at both approaches
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	damage due to tracked machines
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	rotten blocks and risers
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to guardrail
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)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|--------|--|
| 1 | Medium | replace guardrail prior to industrial activity |
| 2 | Medium | brush and grade approaches |
| 3 | Medium | repair damage to deck panels and ballast wall |

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



ballast wall and deck wear due to poor road conditions



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



splice plate



Upstream Profile



damage visible to deck from underneath

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Right Bank Abutment when facing downstream