

CK-2141

STS'AILES 49.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°37'39.2"	-121°58'7.1"
Road Name	STS'AILES
User km	49.1
Current Load Rating (tonnes)	136
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)	27.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°37'39.44"	-121°58'7.07"		
HD Diff. (m)	7.5	Accuracy (m)	5
Sts'ailes			
47.8			
L150 or 136 tonnes			
Permanent Bridge			
N			
Steel I - beam			
Concrete Composite			
Steel Pipe and Precast Pad			
Cast-In-Place on Bedrock			
1			
27.5			
4.9			

Inspection

Date of Inspection 2014-08-27 12:12:59 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Brush approaches and post bridge ahead signs. Monitor old crib on left bank - retaining fill. Present load rating of L150 or 136 tonnes to continue. Update load rating sign.



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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Fair

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall Fair log log crib on left bank holding fill

Concrete Fair right bank CIP

Caps or Sills Fair steel plates and rubber pads left

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware N/A

Fill Fair

Riprap Fair

Bearings Fair

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Corrosion Protection Fair

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

Grout Pockets Fair

Deck Joints Fair

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	Good	2 steel I beams - spliced
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)	Comment
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Hazards

Estimated Present Water Level Depth (m) 0.7

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 8.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	brush out approaches
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2		
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3		
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Monitor Item

Monitor Description

Monitoring Frequency

1		
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2		
---	--	--

3		
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Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream



superstructure

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Approach from Left Bank when facing downstream