

CK-2138

STS'AILES 34.5km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°32'16.9"	-121°53'49.2"
Road Name	STS'AILES
User km	34.5
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	18.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°32'17.92"	-121°53'49.74"
HD Diff. (m)	33.2
Accuracy (m)	5
Sts'ailes	
33.4	
L60 or 54 tonnes	
Permanent Bridge	
Y	
Concrete Slab Girders	
Concrete	
Steel Pipe and Precast Pad	
Steel Pipe and Precast Pad	
1	
19.5	
4.9	

Inspection

Date of Inspection 2014-08-27 10:41:05 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Replace missing delineators and log fenders.
Monitor riprap scour. Present load rating of L60 or 54 tonnes to continue.



T.W. Miller
Feb 26/2015

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Approach

Alignment Poor

heavy VC and HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2Fender Condition poor replace missing fenders

Posted Load Rating 54

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good concrete cap

Piles or Posts Fair

Ballast Wall N/A

Wing Wall N/A

Bracing Fair

Hardware N/A

Fill Fair

Riprap Fair - some scour noted - monitor

Bearings Good

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Corrosion Protection Fair

Deck

Running Surface Fair lots of sediment on deck

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 N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten sideblocks and risers

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 Fair

4 slab girders

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors Fair

welded shear plates

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) 0.4

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 7.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 3.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace guardrail, risers and blocks
2	Medium	replace missing delineators
3	Medium	replace missing log fenders

Monitor Item

Monitor Description

Monitoring Frequency

1 riprap scour

routine inspection

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Guard Rail



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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traffic counter



Approach from Left Bank when facing downstream