

CK-2143

STS'AILES 55.4km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°39'58.7" -122°0'15.6"

Road Name STS'AILES
User km 55.4
Current Load Rating (tonnes) 68
Structure Class Permanent Bridge
Portable N

Superstructure Steel I-beam

Deck Type Concrete

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°39'58.96" -122°0'18.17"

HD Diff. (m) 52.0 Accuracy (m) 5

Sts'ailes
53.9

CL-625 or 63 tonnes

Permanent Bridge
N

Steel I-beam

Concrete Composite

Concrete Cast in Place

Steel Pipe and Precast Pad

1

27.4

4.9

Inspection

Date of Inspection 2014-08-27 12:46:26 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Brush approaches and grade once active. Present load rating of CL-625 or 63 tonnes to continue. Update load rating sign.



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Approach

Alignment Fair heavy VC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating 68

Road Surface Poor not active, requires grading

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair left bank CIP

Caps or Sills Good steel plates and rubber pads

Piles or Posts Good

Ballast Wall Fair some wear at road surface

Wing Wall N/A

Bracing Good no bracing left abutment due to limited post height

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

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten risers and sideblocks

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 2 steel I beams

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) 0.5

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 7.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 5.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace guardrail, risers and blocks
2	Medium	brush approaches
3	High	update load rating sign

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



ballast wall damage at road surface



Left Bank Abutment when facing downstream

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superstructure



Structure ID



Right Bank Abutment when facing downstream