

CK-2140

STS'AILES 46.5km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°36'34.7" -121°57'25.9"

Road Name STS'AILES
User km 46.5
Current Load Rating (tonnes) 54
Structure Class Temporary Bridge
Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 18.9

Deck Width (m) 4.6

Updated Data

Latitude Longitude
49°36'34.84" -121°57'25.23"

HD Diff. (m) 14.1 Accuracy (m) 5

Sts'ailes
45.3

L60 or 54 tonnes

Permanent Bridge
N

Steel I-beam

Timber – Untreated

Crib, Log or Untreated Timber

Crib, Log or Untreated Timber

1

18.9

4.3

Inspection

Date of Inspection 2014-08-27 11:46:28 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

T. W. Miller
Feb 26/2015

P.Eng Comments

Replace damaged guardrail. Replace missing delineators and place log fenders. Present load rating of L60 or 54 tonnes to continue. Update load rating sign ASAP.



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Approach

Alignment Fair fair to poor, HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Poor none

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs Fair 5x right bank

Tie Backs Fair 5x

Bin Wall N/A

Concrete N/A

Caps or Sills Fair timbers

Piles or Posts N/A

Ballast Wall Fair treated timbers

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Fair

Bearings Fair

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Corrosion Protection N/A

Deck

Running Surface N/A

Running Planks Good

Sub Deck Good

Ties Good

Nails Good

Deck to Girder Bolts Good

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair small section damaged on left upstream end

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders	Fair	2 steel I beams
Diaphragms	Fair	4 bays, welded
Bracing	Fair	
Under Trussing	N/A	
Hardware	N/A	
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) 7.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace damaged guardrail section
2	Medium	replace missing delineators
3	Medium	place log fenders

Monitor Item	HIGH update load rating sign
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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



Guard Rail



Left Bank Abutment when facing downstream

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superstructure



Right Bank Abutment when facing downstream