

CK-2143

STS'AILES 55.4km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°39'58.7"	-122°0'15.6"		
Crossing Name	Doctors Creek		
FSR #	6314	Branch #	1
Road Name	STS'AILES		
User km	55.4		
Current Load Rating (tonnes)	63		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete		
Abutment Left	Concrete Cast in Place		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	27.4		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°39'59.1"	-122°0'15.78"		
HD Diff. (m)	13.0	Accuracy (m)	10
53.9			

Inspection

Date of Inspection 2017-06-13 1:31:41 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

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



29/01/2018

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 68040

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Wing Wall

Bracing Good Only RB, LB has short column height

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Good

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Minor damage at approaches

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Risers and blocks rotting

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 5 bays, bolted

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors**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)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Repair ballast wall and deck were damaged
2	Medium	Replace guardrail system
3	High	Update load rating sign

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck and ballast wall damage on left bank



Deck



Approach from Right Bank when facing downstream



Splice plates



Structure ID



Damage to panel 1 on RB, limited to underside



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Shim plates for bridge grade, typical



Superstructure