

CK-2143

STS'AILES (WEST) 55.4km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°39'59.1"	-122°0'15.8"		
Crossing Name	Doctors Creek		
FSR #	6314	Branch #	1
Road Name	STS'AILES (WEST)		
User km	55.4		
Previous 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°39'58.99"	-122°0'16.11"		
HD Diff. (m)	7.1	Accuracy (m)	10
CL-625 or 63 tonnes			

Inspection

Date of Inspection 2020-04-08 12:20:53 PM

Recommended Next Inspection Year 2023

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Repair the damage noted to the top of the ballast walls and to the underside of deck panel 1 at right bank consistent with the Concrete Repair Guide for Concrete Bridge Components MoFLNRO (2017). Replace the guardrail, risers and blocks. Brush approaches and remove sediment from deck. The current load rating of CL-625 or 63 tonnes to continue. Update the load rating signs.



2020-11-24

P.Eng Seal

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Approach

Alignment Fair

VC 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 Good

Posted Load Rating 68040

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Minor damage at surface noted

Wing Wall

Bracing Good only noted at right bank

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair damage noted underneath on panel 1 at right bank

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms Good

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)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Replace guardrail, risers and blocks
2	Low	Brush approaches and clean sediment from deck
3	Medium	Repair damaged concrete
	High	Update load rating sign

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Guard Rail



Upstream from Crossing



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Downstream from Crossing



Damage noted to ballast wall and deck panel on wheel path



Approach from Left Bank when facing downstream



Structure ID



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Damage to underside of panel 1 right bank