

CK-2133

STS'AILES (WEST) 18.7km

2018 Inspection

CBR iPad Offline Ver 0.27



CBR Data

Latitude 49°27'21.39" Longitude -121°51'27.5"

Crossing Name Walian Creek

FSR # 6314 Branch # 1

Road Name STS'AILES (WEST)

User km 18.7

Current Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 21.3

Deck Width (m) 4.9

Updated Data

Latitude 49°27'21.33" Longitude -121°51'27.44"

HD Diff. (m) 2.5 Accuracy (m) 10

L150 or 136 tonnes

Inspection

Date of Inspection 2018-04-10 1:03:11 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the damaged section of guardrail. Realign the concrete no post barriers at the upstream right approach. Clean the sediment from the deck and grade both approaches. The current load rating of L150 or 136 tonnes to continue.



04/02/2019

P.Eng Seal

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Approach

Alignment Fair

Heavy HC at right approach

Bridge Ahead Signs
Missing☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair

No posts knocked off road at upstream right bank

Posted Load Rating 68030

Road Surface Fair

Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

None on left bank due to limited height

Hardware

Fill Good

Riprap Fair

Large, not well graded on right bank

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 Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Downstream right approach damaged

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Poor Due to damaged guardrail section

Gravel Depth (mm)

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Steel/Concrete

Girders Good Composite

Diaphragms Good 1 bay

Bracing

Under Trussing

Hardware

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace damaged section of guardrail
2	High	Realign no post barriers at upstream right approach
3	Low	Grade approaches and clean sediment from deck

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Dam aged guardrail



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure