

CK-2146

STS'AILES 64.4km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°41'45.6"	-122°5'42.5"
Crossing Name	Coon Creek
FSR #	6314
Branch #	1
Road Name	STS'AILES
User km	64.4
Current Load Rating (tonnes)	91
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)	21.9
Deck Width (m)	10

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5532133.4
Accuracy (m)	

Inspection

Date of Inspection 2017-06-13 12:39:35 PM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

P.Eng Comments

Remove boulder and clean sediment from deck. Present load rating of L100 or 91 tonnes to continue.



29/01/2018

P.Eng Seal

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Approach

Alignment Poor

HC both approaches

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Poor

wilderness road, sloughs have occurred but ok for 4x4 access

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

No bracing on left bank due to limited height

Ballast Wall Fair

Minor damage noted on right bank

Wing Wall Good

Lock blocks on DS side only

Bracing Good

Right Bank only

Hardware

Fill Fair

Loosing some under ballast wall on RB

Riprap Good

BR

Bearings Good

RB has slight deformation on plates

Corrosion Protection Good

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**Deck**

Running Surface	Fair	Material continually sloughing onto approaches
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Good	
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Grout Pockets	Good	
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Deck Joints	Good	
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Good	Concrete solid riser with short steel post and 'W' beam
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Hand Rails/Walkouts		
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Hardware	Good	
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Overall Deck Condition	Good	
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Gravel Depth (mm)		
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Steel/Concrete

Serial/ID Plate

Girders Good

Little corrosion

Diaphragms Good

4 bays between each girder set

Bracing Good

Under Trussing

Hardware Good

Bolted

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)	10	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Remove boulder from bridge deck

2 Medium Clean sediment off deck and open up deck drainage holes

3

Item	Monitor Description	Frequency
1	Approaches as material continually sloughing onto road and bridge deck	Routine Inspection

2

3

Sketch
(Select Signature)



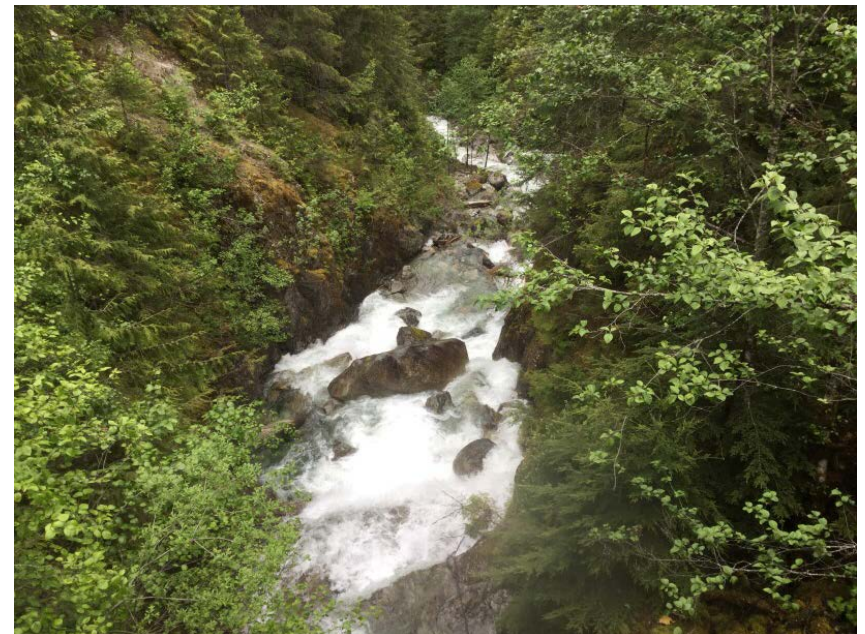
Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Centre right bank bearing is slightly deformed, typical for 2 other right bank bearings



Approach from Left Bank when facing downstream



DS ballast wall damage



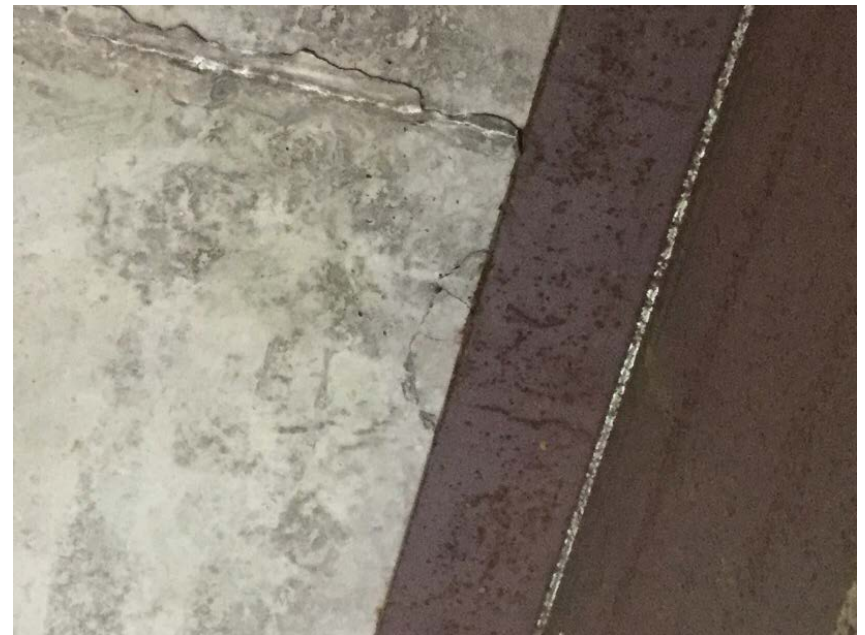
Spall look caged approx centre of span US



DS right bank footing appears to have spalled and patched in the past



Deck drainage



Underside of deck, over centre girade 3rd panel from left bank.

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Superstructure



Debris on deck