

CK-2146

STS'AILES (WEST) 64.4km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°41'45.6"	-122°5'42.5"		
Crossing Name	Coon Creek		
FSR #	6314	Branch #	1
Road Name	STS'AILES (WEST)		
User km	64.4		
Previous 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		
49°41'44.25"	-122°5'43.01"		
HD Diff. (m)	43.0	Accuracy (m)	10

L100 or 91 tonnes to continue

Inspection

Date of Inspection 2020-04-08 11:21:54 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

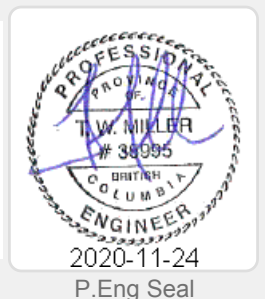
Inspection Company FLNRORD

Inspector Comments

No signs of water getting through grout pockets or deck joints where sediment has them covered

P.Eng Comments

Replace the missing downstream right bank fender log with a minimum 6m length x 600mm diameter log. Remove sediment from deck and monitor the fill at right bank. The current load rating of L100 or 91 tonnes to continue.



2020-11-24

P.Eng Seal

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Approach

Alignment Fair

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 Fair

Missing downstream right bank

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

All 6 are CIP

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall Fair

Minor erosion noted under tight bank base lock block, no settlement noted

Bracing Good

Hardware

Fill Fair

Downstream right bank is susceptible to erosion

Riprap

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	Fair	Sediment accumulating on deck
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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	Only upstream and center pockets visible
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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	
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Hand Rails/Walkouts		
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Hardware		
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Overall Deck Condition	Fair	
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Gravel Depth (mm)		
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Pier Deck		
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**Steel/Concrete**

Girders Good 3 steel I-beams

Diaphragms Good 4 bolted bays

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	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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1	Medium	Clean sediment from deck
2	Medium	Replace missing downstream right bank fender log, minimum 6m length x 600mm diameter
3		

Item	Monitor Description	Frequency
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1	downstream right bank fill slope	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Sediment on deck



Downstream left bank wingwall



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream right bank wingwall undermined



Guard Rail



Left Bank Abutment when facing downstream