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

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	

Deck

Running Surface	Fair	Sediment accumulating on deck
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	
Grout Pockets	Good	Only upstream and center pockets visible
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

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	

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
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
1	downstream right bank fill slope	Routine Inspection
2		
3		

Sketch
(Select Signature)

Upstream from Crossing

Approach from Right Bank when facing downstream

Downstream from Crossing

Deck

Approach from Left Bank when facing downstream

Sediment on deck

Right Bank Abutment when facing downstream

Downstream left bank wingwall

Guard Rail

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Downstream right bank wingwall undermined