

CK-2129

STS'AILES (WEST) 12.5km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°24'12.89"	-121°50'45.3"		
Crossing Name	Cartmell Creek		
FSR #	6314	Branch #	1
Road Name	STS'AILES (WEST)		
User km	12.5		
Previous Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Box Beam		
Deck Type	Other		
Abutment Left	Concrete Cast in Place		
Abutment Right	Concrete Cast in Place		
Spans	1		
Total Length (m)	17.8		
Deck Width (m)	6		

Updated Data

Latitude	Longitude		
49°24'13.23"	-121°50'45.84"		
HD Diff. (m)	15.0	Accuracy (m)	30
L75 or 68 tonnes			

Inspection

Date of Inspection 2020-05-11 12:30:29 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace the first 3m of guardrail at both the upstream and downstream location at the right bank. Replace the missing rail bolt at the upstream left bank location. Remove the sediment from the deck and brush both approaches. The current load rating of L75 or 68 tonnes to continue.



2020-11-24

P.Eng Seal

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Approach

Alignment Good

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 Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good CIP

Caps or Sills

Piles or Posts

Ballast Wall Good Timbers

Wing Wall

Bracing

Hardware

Fill Good

Riprap Fair

Bearings Good

Corrosion Protection

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**Deck**

Running Surface	Fair	Sediment collecting 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	Fair	Minor wear noted
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Grout Pockets		
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Deck Joints		
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Fair	Damage noted at right approach
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Hand Rails/Walkouts		
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Hardware	Fair	Missing a single bolt and hardware at the upstream left bank
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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 4 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors Good Grouted**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)	0.8	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Brush approaches and remove sediment from deck

2	Medium	Replace the first 3m of guardrail on the upstream and downstream of the right bank
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3	Medium	Replace 1 rail bolt at upstream left approach
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Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Guard Rail



Sediment on deck



Upstream left bank barrier alignment



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream