

CK-2129

STS'AILES 12.5km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°24'12.3"	-121°50'44.2"
Crossing Name	Cartmell Creek
FSR #	6314
Branch #	1
Road Name	STS'AILES
User km	12.5
Current 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°24'12.89"	-121°50'45.33"
HD Diff. (m)	29.2
Accuracy (m)	10

4.4

Inspection

Date of Inspection 2017-06-20 12:40:38 PM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

P.Eng Comments

Replace damaged sections of guardrail and replace missing delineators. Brush approaches and clean sediment from deck. Present load rating of L75 or 68 tonnes to continue.



31/01/2018

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Minor

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Good

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good CIP

Caps or Sills

Piles or Posts

Ballast Wall Good Treated timbers

Wing Wall

Bracing

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface	Poor	sediment 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	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	Some damage noted at both approaches
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Hand Rails/Walkouts		
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Hardware	Fair	
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Overall Deck Condition	Fair	
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Gravel Depth (mm)		
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Steel/Concrete

Serial/ID Plate

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace damaged sections of rail and brush both approaches
2	Medium	Replace missing delineators
3	Medium	Clean sediment from deck

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



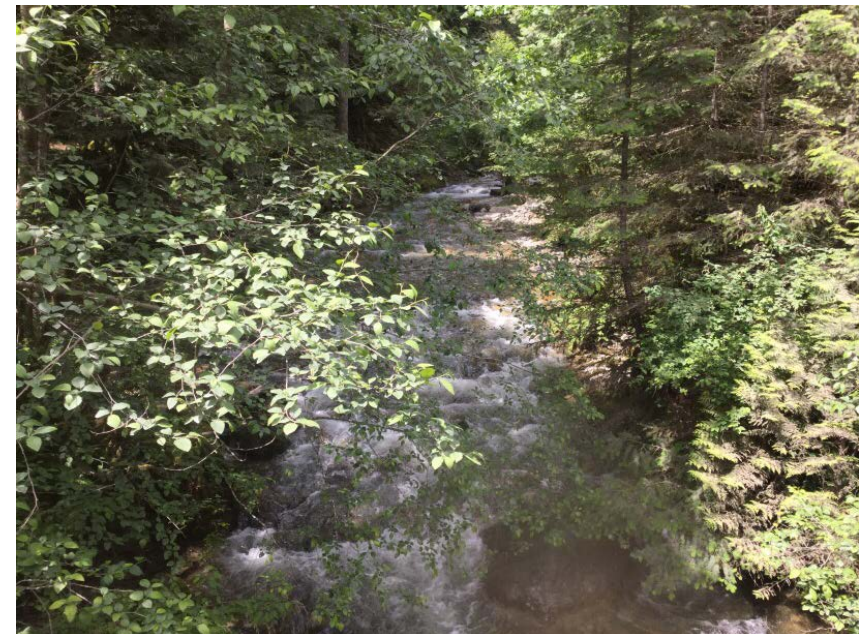
Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Deck



Looking upstream from deck



Looking downstream from deck



Left Bank Abutment when facing downstream



Damage noted to right approach rails



Superstructure



Right Bank Abutment when facing downstream