

CK-2500

STS'AILES 71.5km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°43'32.4"	-122°7'24.4"
Crossing Name	Spring Creek
FSR #	6314
Branch #	1
Road Name	STS'AILES
User km	71.5
Current Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Other
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	12.8
Deck Width (m)	6.6

Updated Data

Latitude	Longitude
49°43'32.24"	-122°7'26.17"
HD Diff. (m)	35.8
Accuracy (m)	10
72	

Inspection

Date of Inspection 2017-06-13 12:06:36 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

723mm outside channel depth

P.Eng Comments

Replace missing fender logs. Replace missing delineator. Brush approaches. Send record drawings and structural drawings to the MoF. Present load rating of L100 or 91 tonnes to continue.



29/01/2018

P.Eng Seal

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Approach

Alignment Fair

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 Fair

Missing U/S left approach and both right approaches

Posted Load Rating

not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Combined cap/wall

Piles or Posts Unrated

Buried

Ballast Wall Good

Wing Wall

Bracing Unrated

Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated

Buried

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders **Good**

3 inverted C channels, flared D/S right bank

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Good**

6 per side (12 total)

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|-----|-----------------------------|
| 1 | Low | Replace missing delineator |
| 2 | Low | Brush approaches |
| 3 | Low | Replace missing fender logs |

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream

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Downstream flare