

CK-2509

STATLU 11.2km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°24'4.79"	-122°5'58.6"		
Crossing Name	unknown		
FSR #	8241	Branch #	2
Road Name	STATLU		
User km	11.2		
Current Load Rating (tonnes)	63		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Sill -Temporary Materials		
Abutment Right	Sill -Temporary Materials		
Spans	1		
Total Length (m)	7		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°24'4.45"	-122°5'58.65"		
HD Diff. (m)	10.7	Accuracy (m)	5
11.0			
L100 or 91 tonnes			

Inspection

Date of Inspection 2018-06-18 11:55:24 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

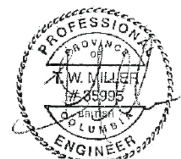
Inspection Company MFLNRO

Inspector Comments

Downstream left sill has scoured but outside running width and 1.1m long section
 6.8m span downstream
 7.1m span upstream

P.Eng Comments

Repair the scour noted at the downstream left bank abutment. Replace the missing fender logs and monitor the especially following heavy rainfall or rain on snow events. L100 or 91 tonnes load rating.



04/02/2019

P.Eng Seal

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Approach

Alignment Fair

VC left approach limits visibility

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

None at right approach

Posted Load Rating 63

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

Single log sills

Piles or Posts

Ballast Wall Good

Logs

Wing Wall

Bracing

NA

Hardware

Fill Fair

Riprap Fair

Both ends have eroded with high flows

Bearings Fair

Downstream left sill slightly scoured

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface Fair

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Poor Curb log not lashed or pinned

Overall Deck Condition Fair

Gravel Depth (mm) 300

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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
1	Fd	Y	480			
2	Fd	Y	500			
3	Fd	Y	530			
4	Fd	Y	570		Fair	Large knots
5	Fd	Y	600			
6	Fd	Y	580		Fair	Large knots
7	Fd	Y	460			
8	Fd	Y	520			
9	Fd	Y	490		Fair	Large knots
10	Fd	Y	540			
11	Fd	Y	500		Fair	Large knots
12	Fd	Y	490		Fair	Large knots

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	2.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|--------|--|
| 1 | Low | Replace missing fender logs |
| 2 | Medium | Repair scour noted at downstream left bank |
| 3 | | |

Item	Monitor Description	Frequency
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- | | | |
|---|--|---------|
| 1 | Condition of structure after heavy rainfall or rain on snow events | Anually |
| 2 | | |
| 3 | | |

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Stringers



Downstream left sill scour