

CK-2036

STATLU 7300 0.2km

2019 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°22'10.49"	-122°6'37.6"
Crossing Name	Statlu Creek
FSR #	8241
Branch #	3
Road Name	STATLU 7300
User km	0.2
Current Load Rating (tonnes)	136
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	21.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°22'10.5"	-122°6'37.22"
HD Diff. (m)	7.6
Accuracy (m)	5
L150 or 136 tonnes	

Inspection

Date of Inspection 2019-03-28 11:30:11 AM

Inspector Name Tyson Miller

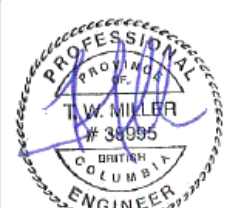
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

The log crib is showing its age with the noted sap rot depth and tieback condition. Monitor the crib condition, especially when using the bridge. Replace all deck panel joints; replace missing guardrail hardware; install fenders at both approaches; brush and grade approaches. The current load rating of L150 or 136 tonnes to continue.



2019-09-18

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 Poor None

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs Fair 3x closed face logs with up 30mm sap rot

Tie Backs Fair 4x with end splitting and 40mm sap rot

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Good

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface Good

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts Good Deck clips installed and functional

Concrete Deck Good

Grout Pockets

Deck Joints Poor All deck joint seals rotten/or gone

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair Missing some guardrail hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

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
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Hazards

Estimated Present Water Level Depth (m)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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- | | | |
|---|--------|---|
| 1 | Medium | Replace all deck joint seals |
| 2 | Low | Brush and grade approaches and install fenders at both approaches |
| 3 | Low | Replace missing guardrail hardware |

Item	Monitor Description	Frequency
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1	Crib condition	Routine Inspection
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2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck joint seals missing



Deck



Upstream from Crossing



Downstream from Crossing



Guardrail missing some hardware



Approach from Right Bank when facing downstream



Loose sideblock bolts



Deck clips



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Tieback condition, typical