CK-2506	STATLU 1800 0.2km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°20'40.99"	-122°2'52.5"

Crossing Name	Alf Creek
FSR #	8241
Branch #	18
Road Name	STATLU 1800
User km	0.2
Current Load Rating (tonnes)	40
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	15.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°20'40.7"	-122°2'52.99"

HD Diff. (m)	13.6	Accuracy (m)	10

	L75 or 68 tonnes
	Steel Box Beam
	Steel
	Sill -Temporary Materials
	Sill -Temporary Materials
	1
	18.3
	4.3

Inspection

Date of Inspection	2018-04-17 9:52:26 AM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

The downstream right bank footing is now completely covered with riprap and obstructed from view. Review record drawings to ensure material under previously exposed footing pad was replaced and proper bearing. If this is the case then the original structure loading can be reinstated.

P.Eng Comments

The scour under the permanent footing was temporarily repaired during the installation of the temporary All Steel Portable and is no longer visible. Replace all 4 fender logs with appropriately sized ones (ie. 600mm diameter). Replace missing delineators and post bridge ahead signs. The load rating for the All Steel Portable is L75 or 68 tonnes.

P.Eng Seal

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Approach

Alignment	Poor	Heavy VC both approaches 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	Poor	Small logs at all 4 corners
Posted Load Rating	68030	
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Good	Single log sills
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill	Fair	
Riprap	Good	
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	
Grout Pockets	
Deck Joints	
Steel Deck Plate	Good
Gravel Surface	
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	
Hardware	
Overall Deck Condition	Good
Gravel Depth (mm)	

Steel/Concrete

Girders	Unrated	Obstructed from view
Diaphragms	Unrated	Inside box beams
Bracing	Unrated	Inside box beams
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

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)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repairs

Repair Item	Priority	
1	Medium	Replace all 4 fender logs with appropriately sized ones and replace eroded approach fill downstream right approach
2	Medium	Replace all 4 missing delineators
3	Medium	Replace missing bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2506 STATLU 1800 0.2km 2018 Inspection

Approach from Right Bank when facing downstream

DS right approach loosing surfacing material

Deck

Looking upstream from deck

CK-2506 STATLU 1800 0.2km 2018 Inspection

Looking DS from deck

Downstream Profile

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Upstream Profile

Left Bank Abutment when facing downstream