CK-2037	STATLU 7300 3.7km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°21'17.49"	-122°8'11.9"

Crossing Name	Towhead Creek
FSR #	8241
Branch #	3
Road Name	STATLU 7300
User km	3.7
Current Load Rating (tonnes)	136
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)	15.9
Deck Width (m)	5.6

Updated Data

Latitude	Longitude
49°21'16.87"	-122°8'11.53"

HD Diff. (m)	20.9	Accuracy (m)	5

L150 or 136 tonnes

Inspection

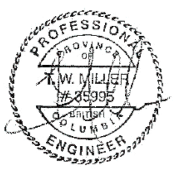
Date of Inspection	2018-06-18 10:58:25 AM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

Girders approx 4200mm on center

P.Eng Comments

Replace guardrail, risers and blocks. Brush approaches, replace missing delineators, and post bridge ahead signs. When the road is opened for industrial use monitor the deck joints, grout pockets and overall deck panel condition. Current load rating of L150 or 136 tonnes to continue.



P.Eng Seal

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	Old rotting logs
Posted Load Rating		Not posted
Road Surface	Poor	Semi deactivated road with little surfacing and overgrown

Abutment

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

Deck

Running Surface	Fair	Semi deactivated road with little surfacing and overgrown
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	
Grout Pockets	Fair	Indications of water leakage throughout
Deck Joints	Fair	Worn in locations at surface
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Poor	Due to rail condition
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	Pitting and flaking
Diaphragms	Good	
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	

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)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush and grade approaches when active
2	Medium	Replace guardrail, risers and blocks when active
3	Medium	Replace missing delineators and post bridge ahead signs

Item	Monitor Description	Frequency
1	Concrete deck condition	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2037 STATLU 7300 3.7km 2018 Inspection

Approach from Left Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

Deck panel joints worn

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Girders corrosion at deck joint and grout pocket locations

Cracking on underside of girders throughout

Deck panel cracks

Deck panel cracks

Deck joints cracks

Panels being lifted due to rusting, typical throughout

Right Bank Abutment when facing downstream

Deck panel cracks

Downstream left approach deck panel