CK-2138	STS'AILES 34.5km	2017 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°32'16.9"	-121°53'49.2"

Crossing Name	20 Mile Creek
FSR #	6314
Branch #	1
Road Name	STS'AILES
User km	34.5
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	19.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°32'18.29"	-121°53'48.21"

HD Diff. (m)	47.3	Accuracy (m)	10

Inspection

Date of Inspection	2017-06-13 2:32:29 PM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Present load rating of L60 or 54 tonnes to continue.

P.Eng Seal

Approach

Alignment	Poor	Abrupt VC right approach
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	
Posted Load Rating	54000	
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Good	Concrete cap
Piles or Posts	Fair	
Ballast Wall		
Wing Wall		
Bracing	Fair	
Hardware		
Fill	Fair	
Riprap	Fair	
Bearings	Good	
Corrosion Protection	Poor	Not painted

Deck

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

Steel/Concrete

Serial/ID Plate		
Girders	Fair	4 slabs
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

Hazards

Estimated Present Water Level Depth (m)	0.5	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

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2138 STS'AILES 34.5km 2017 Inspection

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Deck

Left Bank Abutment when facing downstream

Loosing fill behind RB cap

Right Bank Abutment when facing downstream