CK-2136	STS'AILES 31.1km	2015 Inspection

CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°31'6.99"	-121°54'1.2"

Crossing Name	Mystery Creek
FSR #	6314
Branch #	1
Road Name	STS'AILES
User km	31.1
Current Load Rating (tonnes)	63
Structure Class	Permanent Bridge
Portable	Y
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)	27.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°31'6.87"	-121°54'7.38"

HD Diff. (m)	124.2	Accuracy (m)	5
User km	30.0		

Inspection

Date of Inspection	2015-07-28 10:35:05 AM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Repair damage to deck panels. Brush approaches. Present load rating of CL-625 or 63 tonnes to continue. Update load rating sign.

P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	0 1 2	
Brushing Required	Y	
Delineator Missing Left	0 1 2	
Delineator Missing Right	0 1 2	
Fender Condition	Good	
Posted Load Rating	68040	
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	Good	
Concrete	Good	lock block bin wall on right bank
Caps or Sills	Fair	
Piles or Posts	Fair	
Ballast Wall	Fair	damage on running path
Wing Wall	Good	for bin wall
Bracing	Good	
Hardware	Fair	
Fill	Good	
Riprap	Good	
Bearings	Fair	
Corrosion Protection	Good	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	track damage and rebar exposed at approaches
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate		
Girders	Good	
Diaphragms	Good	5 bays, bolted
Bracing	Good	bolted
Under Trussing	N/A	
Hardware	Good	
Welded/grouted shear connectors	N/A	

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)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	5.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	10.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush approaches
2	Medium	repair exposed rebar on running path of deck panels
3		

Item	Monitor Description	Frequency
1	bearings	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2136 STS'AILES 31.1km 2015 Inspection

Approach from Left Bank when facing downstream

deck

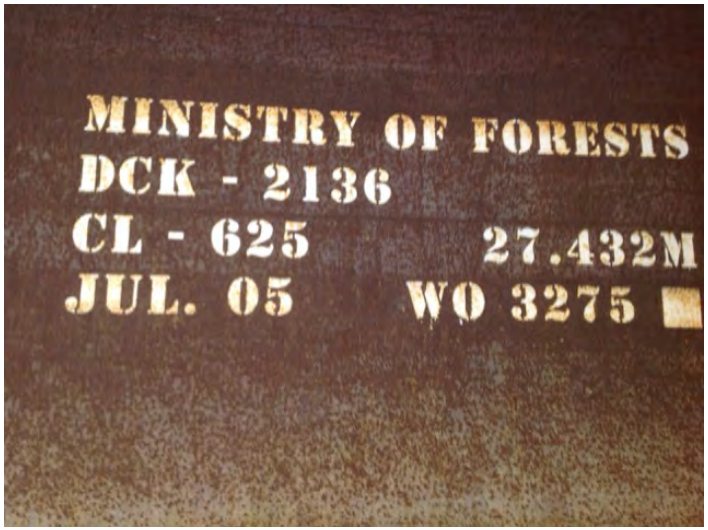
Deck

Deck

CK-2136 STS'AILES 31.1km 2015 Inspection

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream



Structure ID

panel 1 damage underneath

panel 1 damage

bearing plates and pads - typical

Right Bank Abutment when facing downstream

superstructure