

CK-2136

STS'AILES (WEST) 30km

2018 Inspection

CBR iPad Offline Ver 0.27



CBR Data

Latitude	Longitude		
49°31'6.87"	-121°54'7.38"		
Crossing Name	Mystery Creek		
FSR #	6314	Branch #	1
Road Name	STS'AILES (WEST)		
User km	30		
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	
°0'0"	0°0'0"	
HD Diff. (m)	5512382.6	Accuracy (m)
CL-625 or 63 tonnes		
N		

Inspection

Date of Inspection 2018-04-10 9:32:02 AM

Inspector Name Tyson Miller

Serial/ID Plate See picture

Inspector Comments

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

P.Eng Comments

Remove the posted load rating sign as it's incorrect. Repair the damage to the concrete deck panels consistent with the Concrete Repair Guide for Concrete Bridge Components (MFLNRO, 2017). Switch the delineators at the right approach (upstream delineator should be posted on the downstream end and vice versa). Grade approaches. The current load rating of CL-625 or 63 tonnes to continue.



04/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC 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 Good

Posted Load Rating 68030

Road Surface Fair

Potholes at approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall Good

Lock blocks on right side, 5 rows

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Steep at right upstream

Bearings Good

Minor buldging noted

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails

Deck to Girder Bolts

Concrete Deck Fair Some damage due to tracked equipment

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good Treated blocks and risers

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 5 sets

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	8	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Remove incorrect load posting sign
2	Medium	Repair damage noted to deck panels consistent with the Concrete Repair Guide for Concrete Bridge Components
3	Low	Switch delineators at right approach and grade approaches

Item	Monitor Description	Frequency
1	Riprap at upstream right bank	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Load Rating Sign



Left Bank Abutment when facing downstream



Upstream Profile



Superstructure



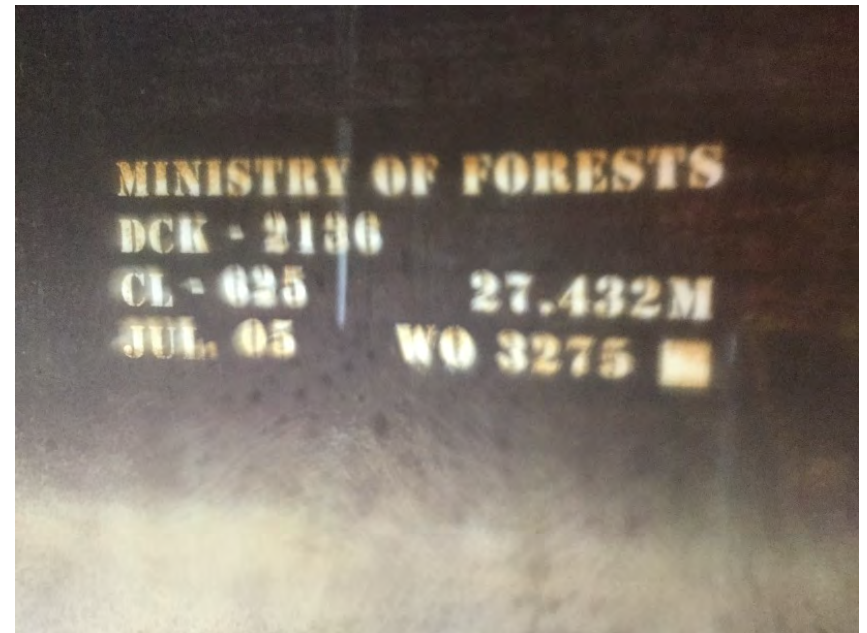
Downstream Profile



Deck panel damage



Deck panel damage with rebar exposed



Structure ID



Right Bank Abutment when facing downstream