CK-2131	STS'AILES 16.4km	2016 Inspection

CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°26'3.9"	-121°50'50.2"

Crossing Name	Not Known		
FSR #	6314	Branch #	1
Road Name	STS'AILES		
User km	16.4		
Current Load Rating (tonnes)	136		
Structure Class	Major Culvert		
Culvert Type	Round		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1800		
Opening Width (mm)	1800		
Inlet Cover (mm)	1000		
Outlet Cover (mm)	1200		
Culvert Gradient %	3		
Culvert Length (m)	15.5		

Updated Data

Latitude	Longitude
49°26'4.35"	-121°50'50.68"

HD Diff. (m)	17.0	Accuracy (m)	5
User km	15.8		

Inspection

Date of Inspection	2016-07-21 9:02:15 AM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

not a major culvert

P.Eng Comments

Culvert is only 1800mm diameter, inspect with regular road inpsections. Present load rating of L150 or 136 tonnes can continue. Monitor outlet scour.

P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	N	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Unrated	NA
Posted Load Rating		not posted
Road Surface	Good	

Abutment

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

Culvert

Baffles	N/A	
Bolted Connections	Fair	
Coating	Fair	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Fair	
Floor	Fair	
Footing	NA	
Head Walls	N/A	
Inlet	Fair	
Outlet	Fair	2.0m drop
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

Hazards

Estimated Present Water Level Depth (m)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.8	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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weir located 25 meters upstream from culvert

multiplate

Inlet

outlet from inside culvert

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream