CK-2338	STAVE 12.2km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°29'50.79"	-122°15'35.5"

Crossing Name	not known		
FSR #	8013	Branch #	1
Road Name	STAVE		
User km	12.2		
Previous Load Rating (tonnes)	68		
Structure Class	Major Culvert		
Culvert Type	Elliptical		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1750		
Opening Width (mm)	2440		
Inlet Cover (mm)	700		
Outlet Cover (mm)	800		
Culvert Gradient %	1		
Culvert Length (m)	15		

Updated Data

Latitude	Longitude
49°29'50.14"	-122°15'35.31"

HD Diff. (m)	20.7	Accuracy (m)	5
User km	11.1		
Inlet Cover (mm)	700		
Outlet Cover (mm)	800		

Inspection

Date of Inspection	2019-11-04 10:17:14 AM	Recommended Next Inspection Year	2022
Inspector Name	Tyson Miller	Inspection Company	FLNRORD

Inspector Comments

P.Eng Comments

The current load rating of L75 or 68 tonnes to continue.

P.Eng Seal

Approach

Alignment	Good	
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	
Pier	
Concrete	
Caps or Sills	
Piles or Posts	
Ballast Wall	
Wing Wall	
Bracing	
Hardware	
Fill	
Riprap	
Bearings	
Corrosion Protection	

Culvert

Baffles		
Bolted Connections	Good	
Coating	Fair	Only floor has minor corrosion
Coupled Connections		
Embedment Materials		
Fill	Good	
Floor	Fair	Minor corrosion
Footing		
Head Walls		
Inlet	Good	
Outlet	Fair	Minor drop in elevation
Overall	Fair	
Rip Rap	Fair	
Roof	Good	
Sidewalls	Good	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Downstream from Crossing

Upstream from Crossing

Approach from Right Bank when facing downstream

Outlet

Inlet

Looking through culvert from inlet