CK-2553	Stave River 1.1km	2018 Inspection

iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
°0'0"	°0'0"

Crossing Name	Side Creek
FSR #	8013
Branch #	01
Road Name	Stave River
User km	1.1
Current Load Rating (tonnes)	
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Steel (non-corrugated)
Opening Height (mm)	600
Opening Width (mm)	600
Inlet Cover (mm)	600
Outlet Cover (mm)	800
Culvert Gradient %	3
Culvert Length (m)	11

Updated Data

Latitude	Longitude
49°26'9.42"	-122°13'56.59"

HD Diff. (m)		Accuracy (m)	5

4 - 600mm heavy guage smooth wall culverts

Inspection

Date of Inspection	2018-06-06 12:39 PM	Recommended Next Inspection Year	2019
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

4 x 600mm heavy guage smooth wall pipes

P.Eng Comments

This is a new site from this past falls' precipitation events or spring freshet. The culverts seem undersized given the event and material transported to site; however the stream was completely dry at the time of inspection. The site appears to be on a fan and the stream channel locations vary from time to time. Clean the inlet and monitor the site following heavy rain and/or rain on snow events. Please send in record drawings for review. In the meantime restrict loading to L75 or or 68 tonnes.

P.Eng Seal

CK-2553

Stave River 1.1km

2018 Inspection

iPad Offline Ver 0.28

Approach

Alignment	Fair	VC both approaches
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	N	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition		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	
Bracing	
Hardware	
Fill	
Riprap	
Bearings	
Corrosion Protection	

Culvert

Baffles		
Bolted Connections		
Coating	Fair	
Coupled Connections		
Embedment Materials		
Fill	Fair	
Floor	Fair	
Footing		
Head Walls		
Inlet	Fair	Aggrading
Outlet	Fair	
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	
Sidewalls	Fair	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

Hazards

Estimated Present Water Level Depth (m)	0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	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-2553 Stave River 1.1km 2018 Inspection

Approach from Left Bank when facing downstream

Upstream from Crossing

Approach from Left Bank when facing downstream

Downstream from Crossing

CK-2553 Stave River 1.1km 2018 Inspection

Inlet

Approach from Right Bank when facing downstream

Outlet