

CK-2268

STAVE RIVER 20km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
49°32'51.69"	-122°18'21.1"
Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE RIVER
User km	20
Current Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2300
Opening Width (mm)	3675
Inlet Cover (mm)	1200
Outlet Cover (mm)	1300
Culvert Gradient %	3
Culvert Length (m)	17

Updated Data

Latitude	Longitude
49°32'51.52"	-122°18'20.87"
HD Diff. (m)	7.3
Accuracy (m)	5

Inspection

Date of Inspection 2017-09-14 1:21:02 PM

Inspector Name Michael Foster

Inspector Comments

Good culverts. No major concerns.

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering Ltd

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.



26/01/2018

P.Eng Seal

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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 N/A

Posted Load Rating

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 Good

Riprap Good

Bearings

Corrosion Protection

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Culvert

Baffles	N/A	
Bolted Connections	Good	
Coating	N/A	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Good	
Footing	Unrated	N/A
Head Walls	N/A	
Inlet	Good	
Outlet	Fair	Right culvert has plugged pool and minor erosion under outlet.
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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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)	1.3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Left approach viewed from bridge



Right approach viewed from bridge



Inlet



Outlet



Approach from Left Bank when facing downstream



Outlet