

CK-2339

STAVE RIVER 13.6km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude
49°30'22.6"	-122°16'14.8"
Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE RIVER
User km	13.6
Current Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	300
Outlet Cover (mm)	500
Culvert Gradient %	2
Culvert Length (m)	14

Updated Data

Latitude	Longitude
49°30'22.23"	-122°16'15.12"
HD Diff. (m)	13.2
Accuracy (m)	5
12.4	

Inspection

Date of Inspection 2016-07-27 11:05:25 AM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Updated user km to 12.4 based on road km markings.

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.



07/03/2017

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 No signs required for culvert.

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 No signs required for culvert.

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2 No signs required for culvert.

Fender Condition Unrated None in place.

Posted Load Rating No load posting sign.

Road Surface Fair Pothole.

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

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Culvert

Baffles N/A

Bolted Connections N/A

Coating Fair Light corrosion on floor.

Coupled Connections Good

Embedment Materials N/A

Fill Fair

Floor Fair Light corrosion.

Footing Unrated Not applicable for CSP culvert.

Head Walls N/A

Inlet Good

Outlet Fair Minor construction damage.

Overall Fair

Rip Rap Fair

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	Ice	☐		

Comments Dry channel. Appears to drain road ditches.

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)



Left Approach Facing Culvert



Roadway Over Culvert



Left Approach Facing Away From Bridge



Right Approach Facing Away From Bridge



Right Approach Facing Bridge



Inlet



Looking Upstream



Upstream Elevation

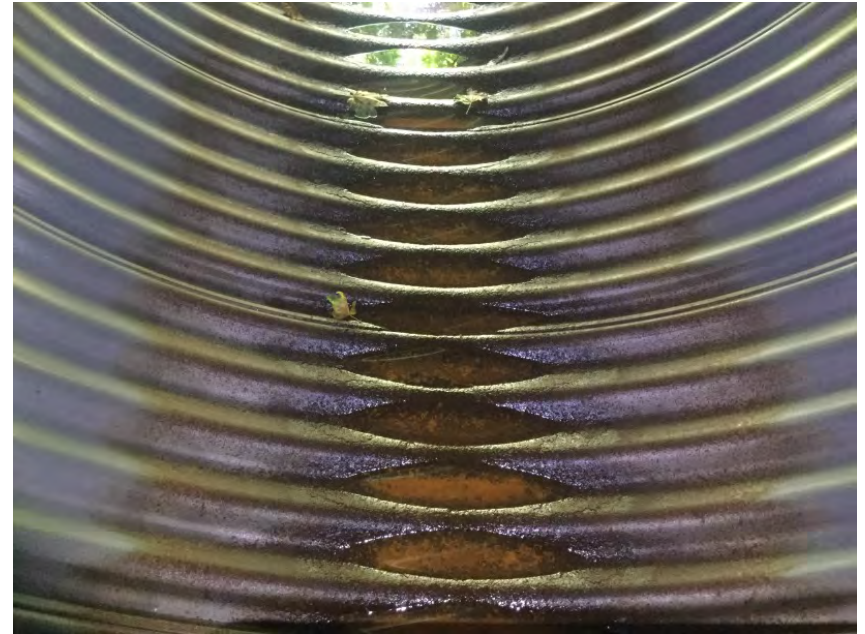
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Barrel Condition



Floor Condition



Coupler



Looking Downstream

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Outlet



Downstream Elevation