

CK-2275

STAVE 30.9km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°36'11.4"	-122°24'37.4"		
Crossing Name	Side Creek		
FSR #	8013	Branch #	1
Road Name	STAVE		
User km	30.9		
Previous 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)	900		
Outlet Cover (mm)	1200		
Culvert Gradient %	4		
Culvert Length (m)	16		

Updated Data

Latitude	Longitude		
49°36'11.11"	-122°24'38.33"		
HD Diff. (m)	20.7	Accuracy (m)	5
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-11-05 12:32:56 PM

Recommended Next Inspection Year 2022

Inspector Name Tyson Miller

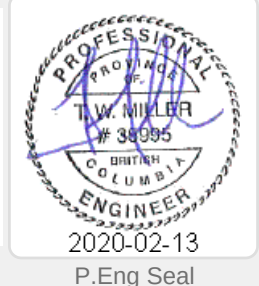
Inspection Company FLNRORD

Inspector Comments

Inlet cover on high chain culvert = 600mm
 Inlet cover on middle culvert = 600mm
 Inlet cover on low chain culvert = 400mm
 Outlet cover on low chain = 800mm
 Outlet cover on middle = 1000mm
 Outlet cover on high chain culvert = 1200mm

P.Eng Comments

Monitor debris upstream from the culvert inlets. Consider installing a large sump at the inlet. The current load rating of L75 or 68 tonnes to continue.



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 **NA**

Posted Load Rating **Not posted**

Road Surface **Fair**

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

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Culvert

Baffles

Bolted Connections

Coating

Fair

Corrosion on the floor and at waterline

Coupled Connections

Fair

Embedment Materials

Fill

Fair

Floor

Fair

Limited amount visible due to rocks on floor of culvert

Footing

Head Walls

Inlet

Fair

Minor damage to inlet of culvert 2 & 3

Outlet

Fair

Minor damage to outlet of culverts 2. River deposits have reduced Culvert 3 outlet to 1.3 m.

Overall

Fair

Rip Rap

Fair

Roof

Fair

Sidewalls

Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	3.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments Site is aggrading at inlet
 Inlet has evidence of debris accumulations

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Excavate sump at inlet

2

3

Item	Monitor Description	Frequency
1	Debris accumulations upstream	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Inlet of high chain culvert



Inlet of middle culvert



Inlet of low chain culvert



Inlet



Outlet



Outlet cover of low chain culvert



Outlet cover at middle culvert



Outlet at high chain culvert