

CK-2340

STAVE 16.1km

2018 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°31'32.99"	-122°16'27.9"
Crossing Name	not known
FSR #	8013
Branch #	1
Road Name	STAVE
User km	16.1
Current Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2010
Opening Width (mm)	3499
Inlet Cover (mm)	800
Outlet Cover (mm)	800
Culvert Gradient %	1
Culvert Length (m)	15

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5513190.5
Accuracy (m)	
15	
L75 or 68 tonnes	
900	
900	

Inspection

Date of Inspection 2019-01-15 12:03:11 PM

Inspector Name Tyson Miller

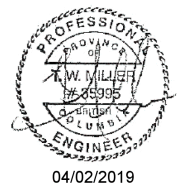
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Remove the debris collection at the inlet and monitor. The current load rating of L75 or 68 tonnes to continue.



P.Eng Seal

CK-2340

STAVE 16.1km

2018 Inspection



CBR iPad Offline Ver 0.28

Approach

Alignment Fair

HC left approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 NA

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 NADelineator Missing
Right ☒ 0 ☐ 1 ☐ 2 NA

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

CK-2340

STAVE 16.1km

2018 Inspection

CBR iPad Offline Ver 0.28



Culvert

Baffles

Bolted Connections

Good

Coating

Fair

Corrosion noted at bottom 1/3

Coupled Connections

Embedment Materials

Fill

Good

Floor

Fair

Footing

Head Walls

Inlet

Fair

Minor damage noted and debris starting to collect, beaver in area

Outlet

Fair

Overall

Fair

Rip Rap

Good

Roof

Good

Sidewalls

Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

CK-2340

STAVE 16.1km

2018 Inspection

CBR iPad Offline Ver 0.28



Hazards

Estimated Present Water Level Depth (m)	3.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	0.2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.8	Ice	☐		

Comments

Perhaps a beaver in the area

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Remove debris buildup at inlet
2		
3		

Item	Monitor Description	Frequency
1	Debris collection at the inlet	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Outlet

CK-2340

STAVE 16.1km

2018 Inspection



Inlet debris, see material on top of the culvert



Inlet