

CK-2332

STAVE 1.4km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°26'10.2"	-122°14'5.6"
Crossing Name	Side Creek
FSR #	8013 Branch # 1
Road Name	STAVE
User km	1.4
Current Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	300
Outlet Cover (mm)	300
Culvert Gradient %	
Culvert Length (m)	18

Updated Data

Latitude	Longitude
49°26'9.63"	-122°14'5.31"
HD Diff. (m)	18.7 Accuracy (m) 5
0.9	
800	
1200	

Inspection

Date of Inspection 2018-06-06 12:16:36 PM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Site should be considered for a proper modified Ford with heavy gauge smooth wall pipes that can be easily removed following bedload accumulations

P.Eng Comments

Monitor bedload. Present 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 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

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Culvert

Baffles

Bolted Connections

Coating Good

Coupled Connections Fair

Embedment Materials

Fill Fair

Floor Unrated Not visible

Footing

Head Walls

Inlet Fair Damage to both culverts from recent event and both partially plugged

Outlet Fair Fair to poor as high chain culvert only achieving 30% flow capacity

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	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments Site prone to significant bedload accumulations as site on active fan

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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1	Medium	Clean inlet of both culverts
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2		
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3		
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Item	Monitor Description	Frequency
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1	Bedload accumulations	
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2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Inlet



Low chain inlet damage from recent event



Outlet



High chain inlet 67% plugged from recent event



High chain culvert 50% plugged

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Low chain outlet