

CK-2268

STAVE RIVER 20km

2014 Inspection

CBR iPad Offline Ver 0.17

## CBR Data

Latitude Longitude  
49°32'51.69" -122°18'21.1"

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) 1560

Outlet Cover (mm) 1560

Culvert Gradient % 3

Culvert Length (m) 15

Deck Width (m)

## Updated Data

Latitude Longitude  
49°32'51.34" -122°18'20.87"

HD Diff. (m) 12.0 Accuracy (m) 10

Stave River

18.8

L75 or 68 tonnes

Major Culvert

Elliptical

Corrugated Steel

2300

3675

1200

1300

3

17

8.2

## Inspection

Date of Inspection 2014-11-17 9:25:34 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.



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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

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## Corrosion Protection

**Culvert**

Baffles N/A

Bolted Connections Good

Coating Fair

Coupled Connections N/A

Embedment Materials N/A

Fill Fair

Floor Fair

Footing Fair

Head Walls N/A

Inlet Fair aggrading

Outlet Fair 0.8m plunge pool on right bank culvert

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) 1.0

Ice ☐

Comments

**Repairs and Monitoring**

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

1

2

3

**Monitor Item**

Monitor Description

Monitoring Frequency

1 aggradation

Routine Inspection

2

3

Sketch  
(Select Signature)

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Approach from Left Bank when facing downstream



upstream



downstream



Approach from Right Bank when facing downstream

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Inlet



right bank culvert inlet



left bank culvert inlet



Outlet