

CK-2208

MOWHOKAM 16.3km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
50°5'59.49" -121°24'11.3"

Road Name MOWHOKAM
User km 16.3
Current Load Rating (tonnes) 136
Structure Class Major Culvert
Culvert Type Round
Culvert Material Corrugated Steel
Opening Height (mm) 2400
Opening Width (mm) 2400
Inlet Cover (mm) 600
Outlet Cover (mm) 700
Culvert Gradient % 4
Culvert Length (m) 8
Deck Width (m)

Updated Data

Latitude Longitude
50°5'59.78" -121°24'11.62"
HD Diff. (m) 10.7 Accuracy (m) 5
Mowhokam
22.1
L150 or 136 tonnes
Major Culvert
Round
Corrugated Steel
2400
2400
600
700
4
8
4.9

Inspection

Date of Inspection 2014-10-14 10:52:33 AM

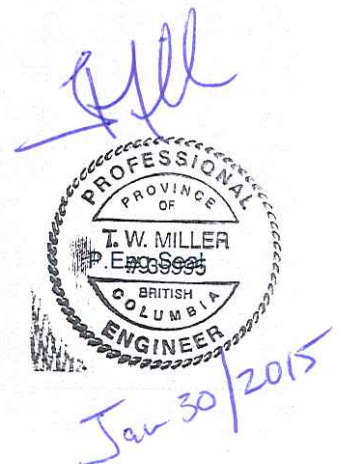
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Monitor the condition of the culvert for additional deformation, culvert infill and scour noted at the outlet. Present load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 NA

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 NA

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2 NA

Fender Condition Fair

Posted Load Rating not posted

Road Surface Fair

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 N/A

Coating Fair

Coupled Connections N/A

Embedment Materials N/A

Fill Fair erosion of running width both upstream and downstream - logs used as backfill left approach are rotting, logs used for fill fill retention rotting

Floor Fair

Footing Fair

Head Walls N/A

Inlet Fair

Outlet Fair some scour

Overall Fair

Rip Rap Fair

Roof Fair some damage - monitor

Sidewalls Fair some damage - monitor

Trash Rack N/A

Weirs/Backwater Structures N/A

Wing Walls N/A

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Hazards

Estimated Present Water Level Depth (m) 0.4

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 3.0

Aggradation ☒Scour ☐

Estimated High Water Level Clearance (m) 1.0

Ice ☐

Comments material infilling culvert

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Monitor Item

Monitor Description

Monitoring Frequency

1	monitor the condition of the culvert (deformation), culvert infill and scour noted at the outlet
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regular inspection frequency

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Inlet



Outlet

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Outlet



logs as backfill



erosion upstream



erosion downstream