

CK-2163

LOST CREEK 1.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°17'16.9" -122°13'43.2"

Road Name LOST CREEK
User km 1.1
Current Load Rating (tonnes) 63
Structure Class Major Culvert
Culvert Type Round
Culvert Material Corrugated Steel
Opening Height (mm) 1800
Opening Width (mm) 1800
Inlet Cover (mm) 3000
Outlet Cover (mm) 3000
Culvert Gradient % 10
Culvert Length (m) 11.1
Deck Width (m)

Updated Data

Latitude Longitude
49°17'15.91" -122°13'43.73"
HD Diff. (m) 32.5 Accuracy (m) 5
Lost Creek
1.1
BCL-625 or 63 tonnes
Major Culvert
Round
Corrugated Steel
1800
1800
1700
2000
8
11.2
7.0

Inspection

Date of Inspection 2014-10-09 8:35:21 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Culverts are separating due to settling dirt logs retaining fill. Either repair damaged sections of culverts (place culvert extensions at both the inlet and outlet) or replace entire structure. Monitor until such time the work is completed. Present load rating of BCL-625 or 63 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 Unrated NA

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 Poor failing logs and failing fill

Floor Fair

Footing Fair

Head Walls N/A

Inlet Fair

Outlet Poor 1.0m plunge pool and separating culvert

Overall Poor due to separating culvert

Rip Rap Fair

Roof Poor separating

Sidewalls Poor separating

Trash Rack N/A

Weirs/Backwater
Structures N/A

Wing Walls N/A

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Hazards

Estimated Present Water Level Depth (m) 0.2

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 2.0

Aggradation ☐Scour ☒

Estimated High Water Level Clearance (m) 1.0

Ice ☐

Comments 1.0m plunge pool at outlet
5.0m stream width

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	repair separating outlet or replace entire structure
2		
3		

Monitor Item

Monitor Description

Monitoring Frequency

1 separating outlet

Annually

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Inlet



looking thru left culvert

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Outlet



outlet of left culvert



crushing and separating outlet



separating outlet