

CK-2125

SHOVEL 11.1km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°49'56.6"	-121°45'29.4"
Crossing Name	Not Known
FSR #	5748
Branch #	6
Road Name	SHOVEL
User km	11.1
Previous Load Rating (tonnes)	136
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	1800
Opening Width (mm)	1800
Inlet Cover (mm)	5000
Outlet Cover (mm)	8000
Culvert Gradient %	8
Culvert Length (m)	25

Updated Data

Latitude	Longitude
49°49'56.45"	-121°45'30.09"
HD Diff. (m)	14.4
Accuracy (m)	5
East Harrison	
71.0	
L150 or 136 tonnes	

Inspection

Date of Inspection 2019-08-15 9:51:58 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

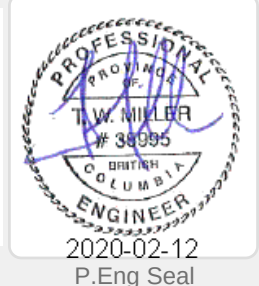
Inspection Company FLNRORD

Inspector Comments

Road is in a wilderness state no industrial traffic for several years

P.Eng Comments

Monitor the inlet/trash rack condition. The current load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 NA

Brushing Required Y Wilderness Road

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 NA

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2 NA

Fender Condition NA

Posted Load Rating NA

Road Surface Fair Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

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

Fair

Coupled Connections

Fair

Ocular inspection from inlet ant outlet too much water to access 3 coupled sections

Embedment Materials

Fill

Fair

Minor inlet erosion upstream side

Floor

Fair

Footing

Head Walls

Inlet

Fair

Damaged see picture

Outlet

Fair

1 m plunge pool minor local erosion +/- 1 m under culvert

Overall

Fair

Rip Rap

Fair

Roof

Fair

Sidewalls

Fair

Trash Rack

Fair

Horizontal beam round steel has slight bend see photo

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m) .3

High Water ☐Debris ☒

Estimated Present Water Level Width (m) 4

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 1

Ice ☐

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1

2

3

Item

Monitor Description

Frequency

1 Inlet condition

Anually

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Running surface



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Fill slope upstream erosion at inlet



Inlet



Roof and sidewalls from upstream



Trash rack damage struck by



Outlet