

CK-2501

FLEETWOOD 5km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°20'8.07"	-121°57'59.9"		
Crossing Name	Unknown		
FSR #	8241	Branch #	8
Road Name	FLEETWOOD		
User km	5		
Current Load Rating (tonnes)	91		
Structure Class	Major Culvert		
Culvert Type	Round		
Culvert Material	Corrugated Steel		
Opening Height (mm)	2400		
Opening Width (mm)	2400		
Inlet Cover (mm)	800		
Outlet Cover (mm)	800		
Culvert Gradient %			
Culvert Length (m)	18		

Updated Data

Latitude	Longitude		
49°20'8.03"	-121°58'.32"		
HD Diff. (m)	8.5	Accuracy (m)	5
L100 or 91 tonnes			

Inspection

Date of Inspection 2018-04-20 12:37:41 PM

Inspector Name Tyson Miller

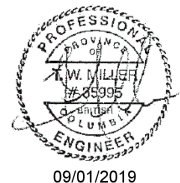
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Clean the inlet and brush the approaches. To help support the outlet of the culvert and keep the fill slopes from further erosion add riprap. Present load rating of L100 or 91 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition

NA

Posted Load Rating

Not posted

Road Surface Poor

Road not being used or maintained

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

Embedment Materials

Fill Poor Outlet fill has eroded at both banks

Floor Good

Footing

Head Walls

Inlet Fair Inlet has been partially blocked with debris

Outlet Poor Outer 3.0m of culvert exposed with 4m high plunge

Overall Fair

Rip Rap Poor Missing downstream

Roof Good

Sidewalls Fair Damage noted near outlet at left bank

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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

Repairs and Monitoring

Repair

Item Priority

1 Medium

Repair Description

Add riprap to the outlet of the culvert

2 Medium Clean inlet

3 Low Brush

Item

Monitor Description

Frequency

1 Outlet scour/erosion

Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from road



Approach from Right Bank when facing downstream



Looking downstream from road



Right bank outlet erosion



Approach from Left Bank when facing downstream



Left bank outlet erosion



Inlet



Looking through culvert from inlet



Structure ID