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	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	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 ○ 2	
Delineator 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	

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		

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	Repair Description
1	Medium	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)

CK-2501 FLEETWOOD 5km 2018 Inspection

Approach from Right Bank when facing downstream

Looking upstream from road

Approach from Right Bank when facing downstream

Looking downstream from road

CK-2501 FLEETWOOD 5km 2018 Inspection

Right bank outlet erosion

Approach from Left Bank when facing downstream

Left bank outlet erosion

Inlet

Looking through culvert from inlet

Structure ID