

SC-8215
SC-8215

THEODOSIA 6.65km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°59'18.99"	-124°40'46"
Crossing Name	Not Known
FSR #	6423
Branch #	02
Road Name	THEODOSIA
User km	6.65
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2080
Opening Width (mm)	2690
Inlet Cover (mm)	700
Outlet Cover (mm)	1800
Culvert Gradient %	5
Culvert Length (m)	15.6

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5564706.7
Accuracy (m)	
400	
1200	

Inspection

Date of Inspection 2021-04-08 12:48 PM

Inspector Name Richard Mills

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

Small dent on roof approx 4m from inlet. Dented section approx 10cm deep. Fill depth 400mm above inlet, 1200mm at outlet.

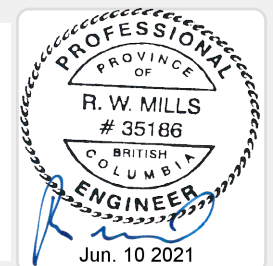
P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 15, 2021

Load Rating: L165 or 150 tonnes

Next Inspection: 2023

Comments: Add fill over culvert. Minimum 600mm of fill over culvert required.



P.Eng Seal

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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 N/a

Posted Load Rating

Road Surface Poor Not enough fill over culvert

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Poor Not enough fill

Riprap Good

Bearings

Corrosion Protection

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Culvert

Baffles	N/A	
Bolted Connections	Good	
Coating	Fair	Floor worn
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Poor	Not enough fill
Floor	Fair	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Fair	
Rip Rap	Good	
Roof	Fair	Roof has small dented section (displaced approx 10cm)
Sidewalls	N/A	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)

Rot Depth
(mm)

Condition

Comment

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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fill repair. 100 m³. Priority:High	Add cover over culvert

2

3

4

5

6

7

Item	Monitor Description	Frequency
1 Monitor roof		Routine Inspection

2

3

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Inlet



Approach from Right Bank when facing downstream



Culvert roof



Inlet



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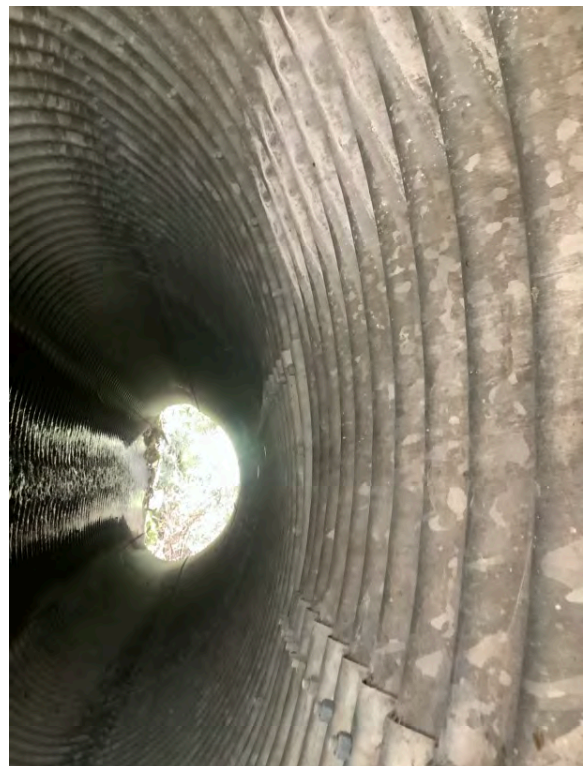
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Culvert Floor



Culvert roof



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