

SC-8221
SC-8221

THEODOSIA 19.7km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°59'31.59"	-124°40'59.3"
Crossing Name	Not Known
FSR #	6423
Branch #	01
Road Name	THEODOSIA
User km	19.7
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)	1000
Outlet Cover (mm)	1000
Culvert Gradient %	9
Culvert Length (m)	12

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5565096.3
Accuracy (m)	

Inspection

Date of Inspection 2021-04-08 1:02 PM

Inspector Name Richard Mills

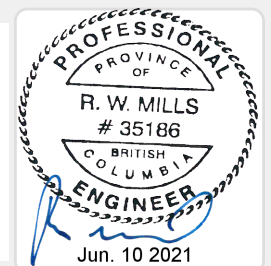
Inspector Comments

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 21, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2024



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 Na

Posted Load Rating

Road Surface

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 Good

Riprap N/A

Bearings

Corrosion Protection

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Culvert

Baffles N/A

Bolted Connections Good

Coating Fair Minor corrosion on floor

Coupled Connections N/A

Embedment Materials N/A

Fill Good

Floor Fair

Footing Good

Head Walls N/A

Inlet Good

Outlet Good Small water line intake outside of outlet.

Overall Good

Rip Rap N/A

Roof Good

Sidewalls Good

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) 1.5

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance (m) 1.8

Ice ☐

Comments

Repairs and Monitoring

Repair Item Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3

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Outlet



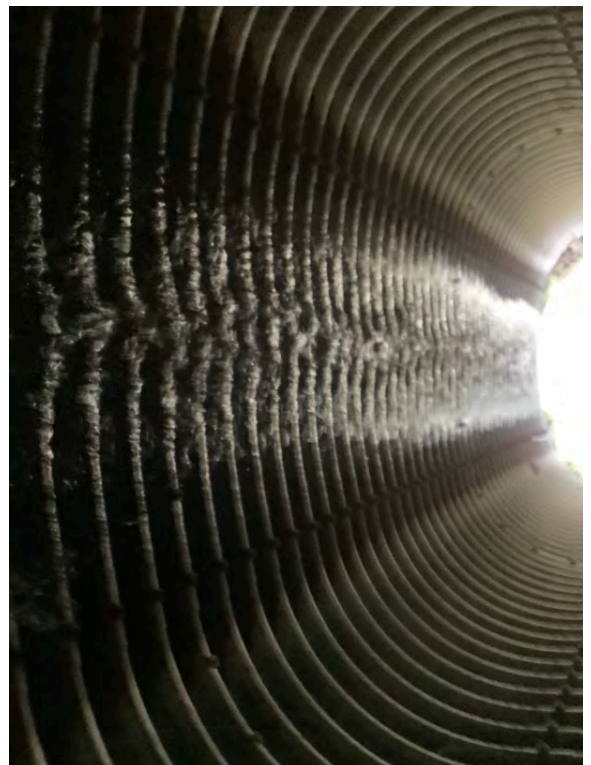
Inlet



Outlet



Culvert Floor



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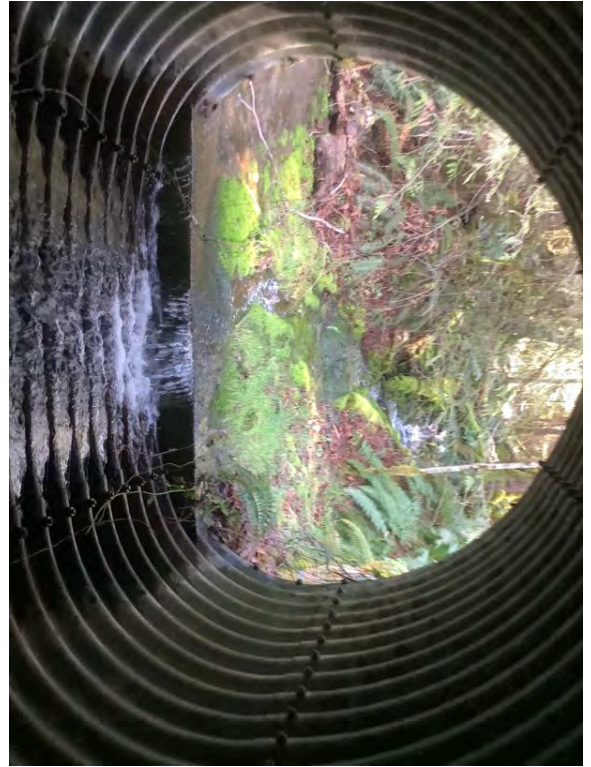
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Inlet



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