

SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°56'54.09"	-124°35'29.4"
Crossing Name	Not Known
FSR #	6423
Branch #	01
Road Name	THEODOSIA
User km	4.9
Previous Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2290
Opening Width (mm)	3730
Inlet Cover (mm)	500
Outlet Cover (mm)	500
Culvert Gradient %	5
Culvert Length (m)	15

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5560226.1
Accuracy (m)	
900	
1500	

Inspection

Date of Inspection 2021-04-08 10:21 AM

Inspector Name Richard Mills

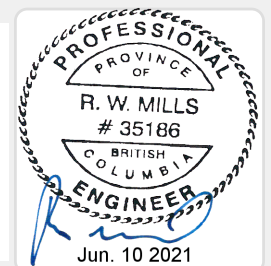
Inspector Comments

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 20, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024



P.Eng Seal

SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



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 Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall Good

Bracing

Hardware

Fill Good

Riprap N/A

Bearings

Corrosion Protection

SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



Culvert

Baffles N/A

Bolted Connections Good

Coating Fair Worn on floor

Coupled Connections N/A

Embedment Materials N/A

Fill Good

Floor Fair Minor corrosion on floor

Footing Good

Head Walls Good

Inlet Good

Outlet Good

Overall Good

Rip Rap N/A

Roof Good

Sidewalls Good

Trash Rack N/A

Weirs/Backwater
Structures N/A

Wing Walls Good

SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



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) 1.5

Ice ☐

Comments

Repairs and Monitoring

Repair Item Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3

SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



Culvert Floor



Approach from Left Bank when facing downstream



Outlet



Inlet



SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



Outlet



SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



SC-8211
SC-8211

THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC

