

SC-8210  
SC-8210

## THEODOSIA 4.5km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



### CBR Data

|                               |                  |
|-------------------------------|------------------|
| Latitude                      | Longitude        |
| 49°56'49.2"                   | -124°35'16.4"    |
| Crossing Name                 | Not Known        |
| FSR #                         | 6423             |
| Branch #                      | 01               |
| Road Name                     | THEODOSIA        |
| User km                       | 4.5              |
| Previous Load Rating (tonnes) | 91               |
| Structure Class               | Major Culvert    |
| Culvert Type                  | Elliptical       |
| Culvert Material              | Corrugated Steel |
| Opening Height (mm)           | 2080             |
| Opening Width (mm)            | 2690             |
| Inlet Cover (mm)              | 600              |
| Outlet Cover (mm)             | 600              |
| Culvert Gradient %            | 3                |
| Culvert Length (m)            | 18.3             |

### Updated Data

|              |           |
|--------------|-----------|
| Latitude     | Longitude |
| °0'0"        | °0'0"     |
| HD Diff. (m) | 5560074.6 |
| Accuracy (m) |           |

800

### Inspection

Date of Inspection 2021-04-08 10:12 AM

Inspector Name Richard Mills

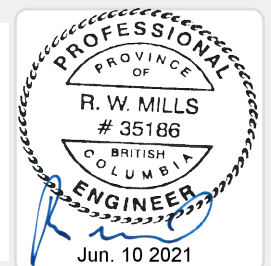
Inspector Comments

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 20, 2021  
Load Rating: L100 or 91 tonnes  
Next Inspection: 2024



P.Eng Seal

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## Approach

Alignment Fair

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 Good

## 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

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### Culvert

Baffles N/A

Bolted Connections Good

Coating Fair

Coupled Connections N/A

Embedment Materials N/A

Fill Good

Floor Fair Minor corrosion

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

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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  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 1.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 1.0 | Ice         | <input type="checkbox"/> |        |                          |

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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Inlet



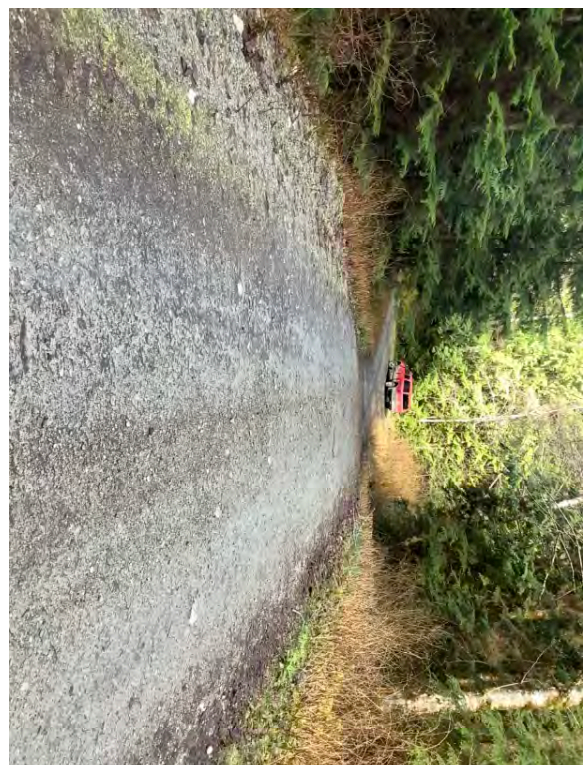
Inlet



Inlet



Approach from Right Bank when facing downstream



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Outlet



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