

SC-8205

THEODOSIA 2.5km

2019 Inspection

CBR iPad Offline Ver 0.31



## CBR Data

|                               |                            |
|-------------------------------|----------------------------|
| Latitude                      | Longitude                  |
| 49°58'52.29"                  | -124°39'20.1"              |
| Crossing Name                 | Not Known                  |
| FSR #                         | 6423                       |
| Branch #                      | 7                          |
| Road Name                     | THEODOSIA                  |
| User km                       | 2.5                        |
| Previous Load Rating (tonnes) | 150                        |
| Structure Class               | Permanent Bridge           |
| Portable                      | N                          |
| Superstructure                | Steel I-beam               |
| Deck Type                     | Concrete                   |
| Abutment Left                 | Steel Pipe and Precast Pad |
| Abutment Right                | Steel Pipe and Precast Pad |
| Spans                         | 1                          |
| Total Length (m)              | 12.2                       |
| Deck Width (m)                | 4.9                        |

## Updated Data

|              |           |
|--------------|-----------|
| Latitude     | Longitude |
| °0'0"        | °0'0"     |
| HD Diff. (m) | 5563881.1 |
| Accuracy (m) |           |

## Inspection

Date of Inspection 2019-10-07 1:41:02 PM

Inspector Name Richard Mills

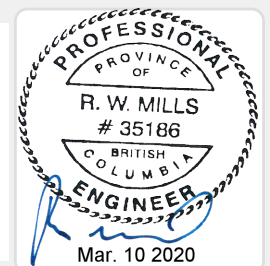
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

## P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 3, 2020  
Load Rating: L165 or 150 tonnes  
Next Inspection: 2022  
Comments: Replace guardrails.



P.Eng Seal

SC-8205

THEODOSIA 2.5km

2019 Inspection



CBR iPad Offline Ver 0.31

## Approach

Alignment Good

Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing  
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Good

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

SC-8205

THEODOSIA 2.5km

2019 Inspection

CBR iPad Offline Ver 0.31

**Deck**

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts Good

Concrete Deck Good

Grout Pockets N/A

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

SC-8205

THEODOSIA 2.5km

2019 Inspection

CBR iPad Offline Ver 0.31

**Steel/Concrete**

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted  
shear connectors N/A**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-8205

THEODOSIA 2.5km

2019 Inspection

CBR iPad Offline Ver 0.31



## Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0.1 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 2.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 4.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

|   |      |                    |
|---|------|--------------------|
| 1 | High | Replace guardrails |
|---|------|--------------------|

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
|------|---------------------|-----------|

|   |  |  |
|---|--|--|
| 1 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

Sketch  
(Select Signature)

Left Bank Abutment when facing downstream



Guard Rail



Deck

