

SC-8229

THEODOSIA 1.3km

2019 Inspection



CBR iPad Offline Ver 0.31

## CBR Data

|                               |                            |
|-------------------------------|----------------------------|
| Latitude                      | Longitude                  |
| 49°56'21.99"                  | -124°38'58"                |
| Crossing Name                 | Not Known                  |
| FSR #                         | 6423                       |
| Branch #                      | 2                          |
| Road Name                     | THEODOSIA                  |
| User km                       | 1.3                        |
| Previous Load Rating (tonnes) | 68                         |
| Structure Class               | Permanent Bridge           |
| Portable                      | N                          |
| Superstructure                | Concrete Slab Girders      |
| Deck Type                     | Gravel                     |
| Abutment Left                 | Steel Pipe and Precast Pad |
| Abutment Right                | Steel Pipe and Precast Pad |
| Spans                         | 1                          |
| Total Length (m)              | 7.8                        |
| Deck Width (m)                | 5.5                        |

## Updated Data

|              |           |
|--------------|-----------|
| Latitude     | Longitude |
| °0'0"        | °0'0"     |
| HD Diff. (m) | 5559233.5 |
| Accuracy (m) |           |

## Inspection

Date of Inspection 2019-10-07 9:34:55 AM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

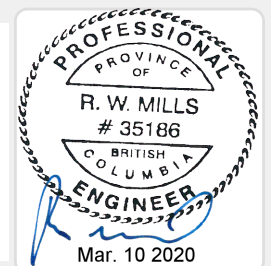
Beaver dam at inlet. Consider removing.

Recommended Next Inspection Year

Inspection Company FLNRORD

## P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 3, 2020  
Load Rating: L75 or 68 tonnes  
Next Inspection: 2022  
Comments: Replace guardrails. Re-set approach barrier. Remove beaver dam.



P.Eng Seal

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## Approach

Alignment Fair

Corner

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Poor

Leaning out on upstream side

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 N/A

Hardware N/A

Fill Good

Riprap Fair

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface      Good

Running Planks      N/A

Sub Deck      N/A

Ties      N/A

Nails      N/A

Deck to Girder Bolts      N/A

Concrete Deck      Good      Gravel top

Grout Pockets      N/A

Deck Joints      Good

Steel Deck Plate      N/A

Gravel Surface      Good

Curb Rail/Blocks/Posts      Poor      Rotten

Hand Rails/Walkouts      N/A

Hardware      N/A

Overall Deck Condition      Good

Gravel Depth (mm)      100

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing

Hardware Good

Welded/grouted  
shear connectors Unrated

Unable to verify, gravel deck

**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)  | 1.0 | High Water  | <input type="checkbox"/> | Debris | <input checked="" type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 2.0 | 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 | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

|   |      |                                           |
|---|------|-------------------------------------------|
| 1 | Low  | Remove beaver dam at inlet                |
| 2 | Low  | Re- set no post barriers. Add delineators |
| 3 | High | Replace guardrails                        |

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

1

2

3

Sketch  
(Select Signature)

Guard Rail



Approach from Right Bank when facing downstream



Inlet



Approach Barrier



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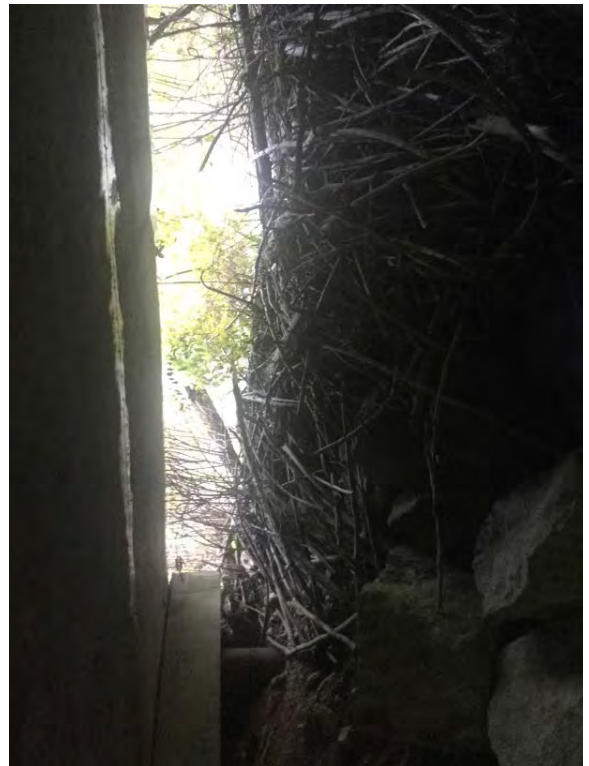


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Right Bank Abutment when facing downstream



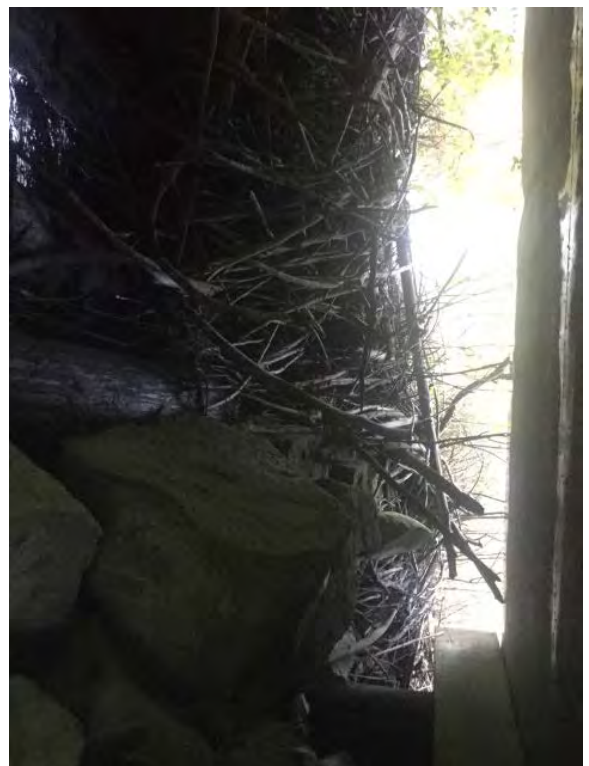
Inlet



Left Bank Abutment when facing downstream



Inlet



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Approach from Left Bank when facing downstream

