

SC-8195  
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## TEXADA ISLAND WEST 10.8km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



### CBR Data

|                               |                            |
|-------------------------------|----------------------------|
| Latitude                      | Longitude                  |
| 49°35'39.3"                   | -124°21'28.4"              |
| Crossing Name                 | Not Known                  |
| FSR #                         | 5829                       |
| Branch #                      | 01                         |
| Road Name                     | TEXADA ISLAND WEST         |
| User km                       | 10.8                       |
| Previous Load Rating (tonnes) | 136                        |
| Structure Class               | Permanent Bridge           |
| Portable                      | N                          |
| Superstructure                | Steel I-beam               |
| Deck Type                     | Concrete Composite         |
| Abutment Left                 | Steel Pipe and Precast Pad |
| Abutment Right                | Steel Pipe and Precast Pad |
| Spans                         | 1                          |
| Total Length (m)              | 17.5                       |
| Deck Width (m)                | 4.9                        |

### Updated Data

|              |           |
|--------------|-----------|
| Latitude     | Longitude |
| °0'0"        | °0'0"     |
| HD Diff. (m) | 5520806.7 |
| Accuracy (m) |           |

### Inspection

Date of Inspection 2021-05-14 10:29:54 AM

Inspector Name Richard Mills

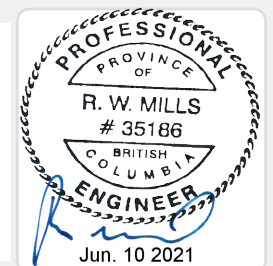
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year 2024

Inspection Company FLNRORD

### P.Eng Comments

Load Rated by: Richard Mills, P.Eng. June 3, 2021  
Load Rating: L150 or 136 tonnes  
Next Inspection: 2024  
Comments: Replace guardrails within 3 years.



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 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 Fair Minor scour left side. Monitor.

Bearings Good

Corrosion Protection Good

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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

Grout Pockets      Good

Deck Joints      Good

Steel Deck Plate      N/A

Gravel Surface      N/A

Curb Rail/Blocks/Posts      Fair      Replace within 3 years

Hand Rails/Walkouts      N/A

Hardware      Good

Overall Deck Condition      Good

Gravel Depth (mm)

Pier Deck      N/A

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## Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

Welded/grouted  
shear connectors

## 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)  | 0.2 | 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) | 3.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item                                                   | Repair Description                |
|---------------------------------------------------------------|-----------------------------------|
| 1 Structure. Curb<br>Maintenance. # sites.<br>Priority:Medium | Replace guardrails within 3 years |

2

3

4

5

6

7

| Item | Monitor Description | Frequency          |
|------|---------------------|--------------------|
| 1    | Monitor left riprap | Routine Inspection |

2

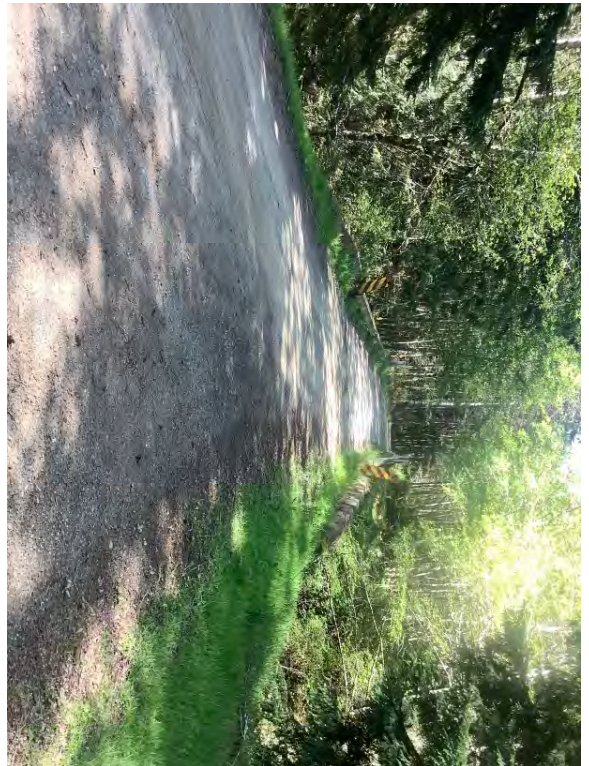
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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream

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Right Bank Abutment when facing downstream



Structure ID



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