

SC-8314
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TEXADA ISLAND 0.55km

2022 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 49°38'37.89" Longitude -124°26'16.5"

Site Status Active

Insp. Status Inspect

Crossing Name Mouat Creek

FSR # 5829 Branch # 1

Road Name TEXADA ISLAND

User km 0.55

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) 16.5

Deck Width (m) 4.88

Updated Data

Latitude 49°38'37.59" Longitude -124°26'17.02"

HD Diff. (m) 14.1 Accuracy (m) 5

Inspection

Date of Inspection 2022-07-25 12:40:33 PM

Recommended Next Inspection 2025

Inspector Name Jonathon Harvey

Inspection Company MoF

Inspector Comments Serial/ID Plate

2 bolts at 450mm spacing for risers. 22 risers total. Left bank flared deck panel

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022

Load Rating: 136 Tonnes GVW

Next Inspection Year: 2025

Comments:



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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 Fair

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck N/A

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Steel/Concrete

Girders Fair

Corrosion at deck joints

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware Fair

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

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. 1 . Priority:High	Replace all guardrails. It is recommended that HSS is used

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Guard Rail



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Structure ID



Upstream Profile



Superstructure