

SC-8321
SC-8321

TEXADA ISLAND 4.75km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°38'8.9"
Longitude -124°18'53.7"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 5829 Branch # 4

Road Name TEXADA ISLAND

User km 4.75

Previous Load
Rating (tonnes) 136

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 2000

Opening Width (mm) 2000

Inlet Cover (mm) 2900

Outlet Cover (mm) 1500

Culvert Gradient % 1

Culvert Length (m) 26

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5525432.6 Accuracy (m)

Inspection

Date of Inspection 2025-07-29 10:51:22 AM

Inspector Name Richard Mills

Recommended Next Inspection 2028

Inspection Company MoF

Inspector Comments

No apparent change since last inspection. First 2 joints have holes at bottom, on floor. Joint 1 has hole approx 15cm x 30cm, 2nd joint has small 10cm x 10cm holes. Material under pipe in place, with no visible voids or signs of deformation. Rest of culvert floor and joints is solid. Outlet appears unchanged, no scour noted under pipe.

Continue to monitor for scour or increased floor corrosion.

P.Eng Comments

Ministry of Forests Reviewing Engineer: Richard Mills P.Eng.
Review Date: Feb 9, 2026
Load Rating: L150 or 136 tonnes
Recommended Next Inspection: 2028

PERMIT TO
PRACTICE: 1003022

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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

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

Bracing

Hardware

Fill **Good**

Riprap **Fair**

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections Fair Holes at bottom

Embedment Materials

Fill Good

Floor Fair

Footing Fair

Head Walls

Inlet Good

Outlet Fair Minor scour

Overall Good

Rip Rap Fair

Roof Good

Sidewalls Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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	☐	Debris	☐
Estimated Present Water Level Width (m)	0.2	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	1.8	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
-------------	--------------------

1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor scour, floor / joint corrosion	Routine Inspection

2

3



Inlet



Outlet



Outlet



Joint - 1st from us side

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Joint - 2nd from us side