

SC-8220
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THEODOSIA 13.8km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°59'23.79"
Longitude -124°38'14.6"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 6423 Branch # 1

Road Name THEODOSIA

User km 13.8

Previous Load
Rating (tonnes) 150

Structure Class Major Culvert

Culvert Type Open Bottom

Culvert Material Corrugated Steel

Opening Height (mm) 1870

Opening Width (mm) 4570

Inlet Cover (mm) 1000

Outlet Cover (mm) 1000

Culvert Gradient % 4

Culvert Length (m) 20

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5564855.1 Accuracy (m)

800

Inspection

Date of Inspection 2025-07-30 11:29:05 AM

Inspector Name Richard Mills

Recommended Next Inspection 2028

Inspection Company MoF

Inspector Comments

Fill required. Corrosion starting near footing, both sides. Monitor.

P.Eng Comments

Ministry of Forests Reviewing Engineer: Richard Mills P.Eng.

Review Date: Feb 9, 2026

Load Rating: L165 or 150 tonnes

Recommended Next Inspection: 2028

Comments: Consider adding 0.3m fill for maintenance requirements.

PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Fair**

Vertical curve

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required **Y**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition

Posted Load Rating

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Poor** Requires more fill above arch

Riprap

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections Good

Coating Fair Corrosion starting at bottom of arch

Coupled Connections

Embedment Materials

Fill Poor Requires more fill above arch

Floor Good

Footing Good

Head Walls

Inlet Good

Outlet Good

Overall Fair

Rip Rap

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)	0.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	2.0	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1 Structure. Add Fill Cover. #
of items. Priority:High

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor corrosion.	Routine Inspection

2

3

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Culvert Floor



Inlet



Outlet



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