

SC-8227
SC-8227

THEODOSIA 1km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°59'46.29" Longitude -124°37'53.4"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 6423 Branch # 3

Road Name THEODOSIA

User km 1

Previous Load
Rating (tonnes) 150

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 10.7

Deck Width (m) 4.8

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5565550.9 Accuracy (m)

Inspection

Date of Inspection 2025-07-30 10:30:52 AM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2028

Inspection Company MoF

P.Eng Comments

Ministry of Forests Reviewing Engineer: Richard Mills P.Eng.
Review Date: Feb 6, 2026
Load Rating: L165 or 150 tonnes
Recommended Next Inspection: 2028
Comments: Replace guardrails within 5 years.

PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required **Y**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Fair** One block on upstream side is poor

Caps or Sills **Fair** Treated timber

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware **Good**

Fill **Good**

Riprap **Good**

Bearings **Fair**

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints Fair Ok from bottom

Steel Deck Plate

Gravel Surface Fair

Curb Rail/Blocks/Posts Fair Rotting. Replace in 5 years.

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Poor finishing on underside. Gravel deck.

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors Unrated Unable to see

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	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.2	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. . Priority:Medium	Replace guardrails

2

3

4

5

6

7

Item	Monitor Description	Frequency
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1

2

3



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream