

SC-8242
SC-8242

THEODOSIA 11.52km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°59'24.9"
Longitude -124°36'26.3"

Site Status Active

Insp. Status Inspect

Crossing Name Junction Creek

FSR # 6423 Branch # 1

Road Name THEODOSIA

User km 11.52

Previous Load
Rating (tonnes) 150

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Other

Abutment Right Other

Spans 1

Total Length (m) 15.2

Deck Width (m) 4.88

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5564889.2 Accuracy (m)

Inspection

Date of Inspection 2025-07-30 9:40:03 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.

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 Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Good Steep on left side

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Fair** Not flush but ok

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Replace guardrails

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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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) 0.1

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 2.0

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance 3.5

Ic ☐

Comments

Repairs and Monitoring

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

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Approach from Left Bank when facing downstream



Guard Rail



Upstream Profile



Left Bank Abutment when facing downstream