

SC-8237
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THEODOSIA 11.9km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°59'18.6" Longitude -124°36'42.5"

Site Status Active

Insp. Status Inspect

Crossing Name Appleton Creek

FSR # 6423 Branch # 1

Road Name THEODOSIA

User km 11.9

Previous Load Rating (tonnes) 150

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) 17.1

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5564694.4 Accuracy (m)

Inspection

Date of Inspection 2025-07-30 9:56:32 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 **Fair**

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

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection **Good**

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints Fair Not flush with deck.

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Loose, rotting. Replace.

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Corrosion at deck joints. Monitor n

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	4.0	Ic	☐		

Comments

Repairs and Monitoring

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

2 Miscellaneous. . .
Priority:Low

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor underside of deck panel - 2nd from right, upstream side	Routine Inspection

2	Monitor girder corrosion	Routine Inspection
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3



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Deck panel 2nd from right



Deck



Top side of second panel