

SC-8200
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THEODOSIA 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°58'56.49" Longitude -124°38'52.9"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 6423 Branch # 5

Road Name THEODOSIA

User km 0.1

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 18.3

Deck Width (m) 3.6

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5564011.0 Accuracy (m)

Inspection

Date of Inspection 2022-11-07 1:33:49 PM

Recommended Next Inspection 2025

Inspector Name Richard Mills

Inspection Company MoF

Inspector Comments Serial/ID Plate

Right abutment is scoured, but footings are well back from stream channel. Monitor.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 17, 2023
Load Rating: L150 or 136 tonnes
Next Inspection: 2025



PERMIT TO PRACTICE: 1003022

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2

Brushing Required N

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 Fair Scoured right side

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Unrated

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Unrated Unable to see

Grout Pockets N/A

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

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)	0.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor scour	Routine Inspection

2

3

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream Profile



Deck



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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream