

SC-8231
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THEODOSIA 2.7km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°58'46.89"	-124°39'17"
Crossing Name	Not Known
FSR #	6423
Branch #	07
Road Name	THEODOSIA
User km	2.7
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)	14
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5563714.1
Accuracy (m)	

Inspection

Date of Inspection 2021-04-08 1:29 PM

Inspector Name Richard Mills

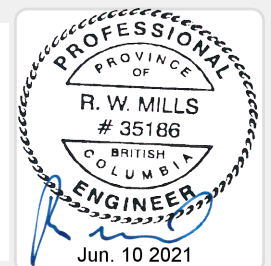
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 21, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2024
Comments: Replace guardrails within 2 years.



P.Eng Seal

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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 N/A

Bracing N/A

Hardware Good

Fill Good

Riprap N/A

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts Fair

Concrete Deck Good

Grout Pockets N/A

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

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)	1.2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Curb Maintenance. # sites. Priority:High	Replace guardrail within 2 years

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		

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Upstream Profile



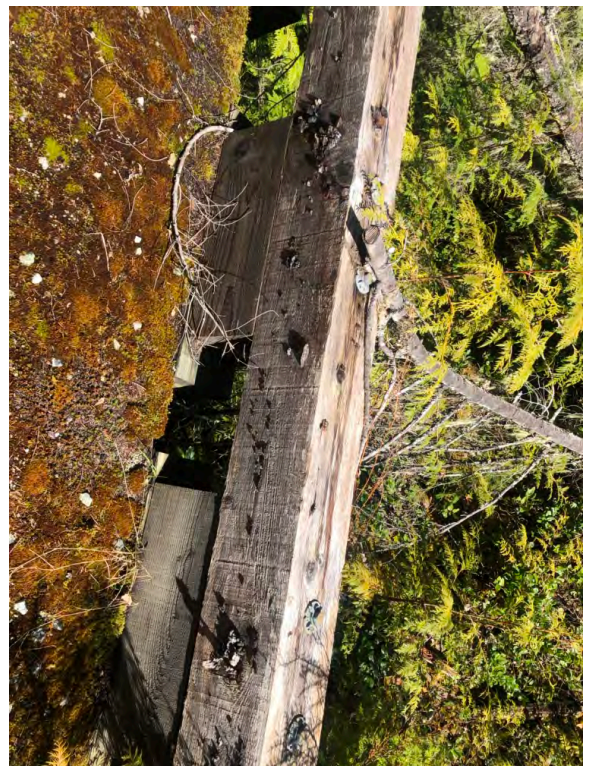
Deck



Superstructure



Guard Rail



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Superstructure



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



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