

SC-8209
SC-8209

THEODOSIA 3.83km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°56'35.09"	-124°35'.8"
Crossing Name	Appleton Creek
FSR #	6423
Branch #	01
Road Name	THEODOSIA
User km	3.83
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	21.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°56'34.97"	-124°35'.51"
HD Diff. (m)	7.0
Accuracy (m)	6

Inspection

Date of Inspection 2021-10-04 12:51:19 PM

Inspector Name Forrest Simpson

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 5, 2022
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments: Plan to replace guardrails within 3 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 None

Road Surface Fair Deactivated past crossing

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Good Deactivated past crossing

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Unrated Not visible

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Starting to show signs of rot

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair Due to rails

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)	1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3	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

2

3

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Guard Rail



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Deck



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Left Bank Abutment when facing downstream



Superstructure



Upstream Profile



Right Bank Abutment when facing downstream



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Left Bank Abutment when facing downstream



Structure ID



Upstream from Crossing



Downstream Profile



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Downstream from Crossing



Right Bank Abutment when facing downstream



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