SC-8237
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THEODOSIA 11.9km

2022 Inspection

CBR iPad Offline Ver 0.34 - DSC

CBR Data

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

Crossing Name	Appleton Creek
FSR #	6423
Branch #	01
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	Longitude
°0'0"	°0'0"

HD Diff. (m)	5564694.4	Accuracy (m)	

Inspection

Date of Inspection	2022-09-26 2:02:36 PM	Recommended Next Inspection Year	2025
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments Serial/ID Plate

Isolated corrosion on girder, at deck joints. Upstream right side, 1st joint is worst.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 23, 2023
Load Rating: L165 or 150 tonnes
Next Inspection: 2025

P.Eng Seal

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	Good
Fill	Good
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm)

Pier Deck

Steel/Concrete

Girders	Fair	Isolated corrosion at deck joints.
Diaphragms	Good	
Bracing	Good	
Under Trussing		
Hardware	Good	
Welded/grouted shear connectors		

Log

Log Curbs	
Needle Beam	
Needle Lashing/ Shimming	

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment

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)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Upstream Profile

Deck

Left Bank Abutment when facing downstream

1st joint, upstream right

Downstream Profile

1st joint , upstream right, on inside

Right Bank Abutment when facing downstream

1st joint, upstream right side

Downstream Profile

Upstream left side