SC-8200	THEODOSIA 0.1km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

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

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	Longitude
°0'0"	°0'0"

HD Diff. (m)	5564011.0	Accuracy (m)	

Inspection

Date of Inspection	2019-10-08 11:49:33 AM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 4, 2020
Load Rating: L150 or 136 tonnes
Next Inspection: 2022
Comments: Replace rotten guardrail section(s).

P.Eng Seal

Approach

Alignment	Fair	Corner
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	N/A
Tie Backs	N/A
Bin Wall	N/A
Pier	N/A
Concrete	Good
Caps or Sills	Good
Piles or Posts	Good
Ballast Wall	Good
Wing Wall	N/A
Bracing	Good
Hardware	Good
Fill	Good
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	Good	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	Good	
Concrete Deck	Good	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Guardrails fair overall, on section poor (right upstream end). risers and blocks good
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Good
Diaphragms	Good
Bracing	Good
Under Trussing	N/A
Hardware	Good
Welded/grouted shear connectors	N/A

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

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 (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace rotten guardrail section. Replace all within 3 years.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Upstream Profile

Guard Rail

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream