SC-8205	THEODOSIA 2.5km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°58'52.29"	-124°39'20.1"

Crossing Name	Not Known
FSR #	6423 Branch # 7
Road Name	THEODOSIA
User km	2.5
Previous Load Rating (tonnes)	150
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)	12.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m) 5563881.1 Accuracy (m)

Inspection

Date of Inspection 2019-10-07 1:41:02 PM

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 3, 2020
Load Rating: L165 or 150 tonnes
Next Inspection: 2022
Comments: Replace guardrails.

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	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	Fair	
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	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	
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)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	4.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace guardrails
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Left Bank Abutment when facing downstream

Guard Rail

Deck