

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

Inspector Name Richard Mills

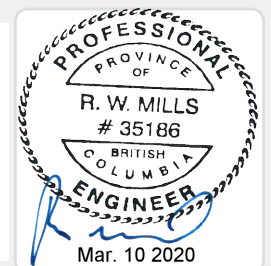
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

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

SC-8200

THEODOSIA 0.1km

2019 Inspection



CBR iPad Offline Ver 0.31

Approach

Alignment Fair

Corner

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2Delineator 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

SC-8200

THEODOSIA 0.1km

2019 Inspection

CBR iPad Offline Ver 0.31

**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

SC-8200

THEODOSIA 0.1km

2019 Inspection

CBR iPad Offline Ver 0.31

**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

SC-8200

THEODOSIA 0.1km

2019 Inspection

CBR iPad Offline Ver 0.31



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



SC-8200

THEODOSIA 0.1km

2019 Inspection

CBR iPad Offline Ver 0.31



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

