SC-8208	THEODOSIA 3.3km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°58'33.89"	-124°38'58.1"

Crossing Name	Not Known
FSR #	6423
Branch #	7
Road Name	THEODOSIA
User km	3.3
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	1500
Outlet Cover (mm)	3000
Culvert Gradient %	20
Culvert Length (m)	21

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5563312.1	Accuracy (m)	

Inspection

Date of Inspection	2019-10-07 1:03:26 PM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

Log grizzly is rotten. Appears to be unnecessary

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 3, 2020
Load Rating: L165 or 150 tonnes
Next Inspection: 2022
Comments: Clear inlet of debris and remove log grizzly if possible.

P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	0 1 2	
Brushing Required	Y	
Delineator Missing Left	0 1 2	
Delineator Missing Right	0 1 2	
Fender Condition	Unrated	N/a
Posted Load Rating		
Road Surface	Fair	

Abutment

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

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	Worn on bottom
Coupled Connections	Good	
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	
Footing	Good	
Head Walls	N/A	
Inlet	Fair	Some woody debris.
Outlet	Good	
Overall	Fair	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	Poor	Rotten log grizzley
Weirs/Backwater Structures	N/A	
Wing Walls	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)	1.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.8	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Inlet

Approach from Right Bank when facing downstream

Inlet

Inlet log grizzley

Outlet

Outlet