SC-8206	THEODOSIA 2.5km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°56'8"	-124°37'0"

Crossing Name	Not Known		
FSR #	6423	Branch #	10
Road Name	THEODOSIA		
User km	2.5		
Previous Load Rating (tonnes)	68		
Structure Class	Major Culvert		
Culvert Type	Elliptical		
Culvert Material	Corrugated Steel		
Opening Height (mm)	2690		
Opening Width (mm)	3890		
Inlet Cover (mm)	950		
Outlet Cover (mm)	1000		
Culvert Gradient %			
Culvert Length (m)	15.3		

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5558800.7	Accuracy (m)	

Inspection

Date of Inspection	2019-10-07 2:35:32 PM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 3, 2020
Load Rating: L75 or 68 tonnes
Next Inspection: 2022

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	Good	

Abutment

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

Culvert

Baffles	N/A	
Bolted Connections	Good	
Coating	Fair	Floor is worn
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	
Footing	Good	
Head Walls	Good	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	Good	

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)	1.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.8	Ice ☐	

Comments

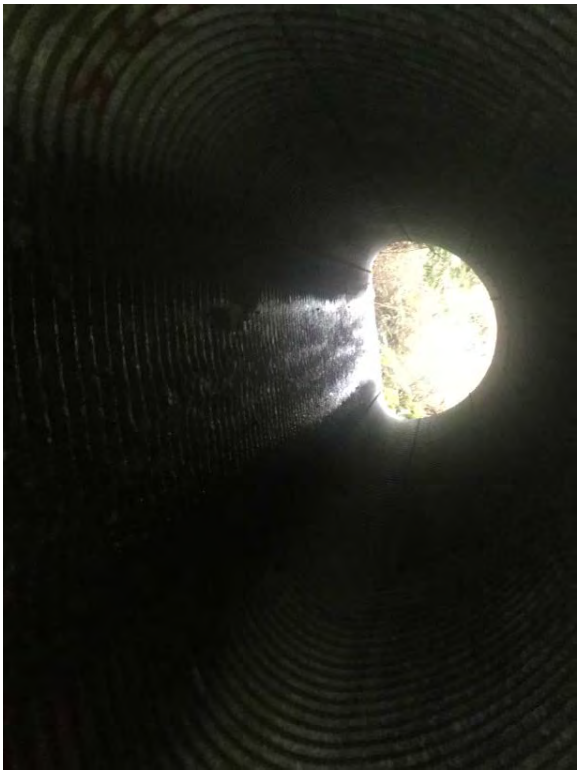
Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

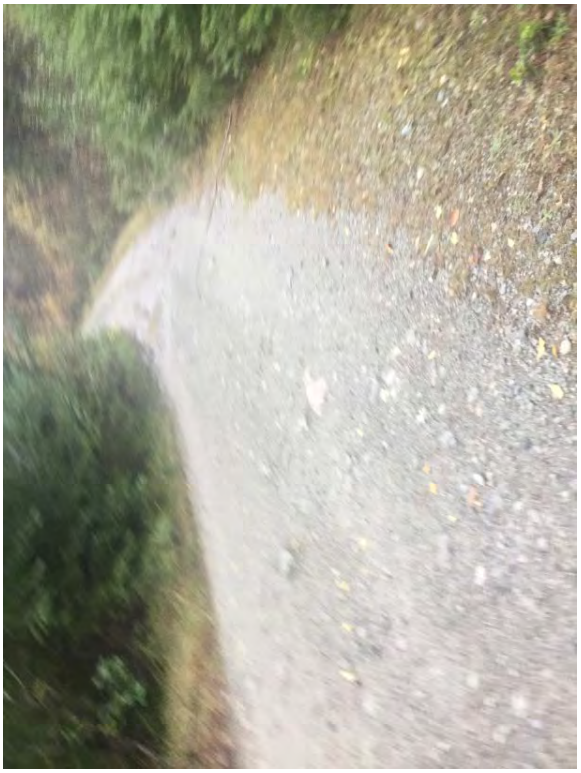
Inlet



Approach from Left Bank when facing downstream

Inlet

Approach from Left Bank when facing downstream



Outlet