SC-8217
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THEODOSIA 9.1km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC

CBR Data

Latitude	Longitude
49°58'34.2"	-124°35'20"

Crossing Name	Not Known		
FSR #	6423	Branch #	01
Road Name	THEODOSIA		
User km	9.1		
Previous Load Rating (tonnes)	150		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1870		
Opening Width (mm)	4570		
Inlet Cover (mm)	1000		
Outlet Cover (mm)	1000		
Culvert Gradient %	4		
Culvert Length (m)	14		

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5563321.5	Accuracy (m)	

Inspection

Date of Inspection: 2021-04-08 10:56 AM

Inspector Name: Richard Mills

Recommended Next Inspection Year

Inspection Company: FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 20, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2024

P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	Road becoming brushed in
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Unrated	Na
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	N/A
Bearings	
Corrosion Protection	

Culvert

Baffles	N/A	
Bolted Connections	Good	
Coating	Good	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Good	
Footing	Good	
Head Walls	N/A	
Inlet	Good	Small dent inlet, likely construction-related
Outlet	Good	
Overall	Good	
Rip Rap	N/A	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
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)	1.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

Outlet

Culvert Floor

Inlet

Approach from Left Bank when facing downstream