SC-8216
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THEODOSIA 7.11km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°59'31.3"	-124°40'54"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Not Known
FSR #	6423
Branch #	2
Road Name	THEODOSIA
User km	7.11
Previous Load Rating (tonnes)	91
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2080
Opening Width (mm)	2690
Inlet Cover (mm)	600
Outlet Cover (mm)	600
Culvert Gradient %	
Culvert Length (m)	15

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5565087.1	Accuracy (m)	

Inspection

Date of Inspection: 2022-11-07 2:41:11 PM

Inspector Name: Richard Mills

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 18, 2023
Load Rating: L100 or 91 tonnes
Next Inspection: 2025

PERMIT TO PRACTICE: 1003022

Approach

Alignment: Good

Bridge Ahead Signs Missing: (•) 0 ( ) 1 ( ) 2

Brushing Required: N

Delineator Missing Left: (•) 0 ( ) 1 ( ) 2

Delineator Missing Right: (•) 0 ( ) 1 ( ) 2

Fender Condition:

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:

Bracing:

Hardware:

Fill: Good

Riprap: Good

Bearings:

Corrosion Protection:

Culvert

Baffles		
Bolted Connections	Good	
Coating	Fair	
Coupled Connections		
Embedment Materials		
Fill	Good	
Floor	Fair	Corrosion, starting to scale
Footing	Good	
Head Walls		
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls		
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

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)	0.2	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	2.0	Ic ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Monitor culvert floor for corrosion	Routine Inspection
2		
3		

Culvert Floor

Inlet

Outlet