SC-8206
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THEODOSIA 2.5km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

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

Site Status	Active
Insp. Status	Inspect
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)
	800	
	1000	

Inspection

Date of Inspection: 2022-11-07 3:57:24 PM

Inspector Name: Richard Mills

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments

Large pipe. Check fill requirements

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 19, 2023
Load Rating: L75 or 68 tonnes
Next Inspection: 2025

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. W. MILLS
35186
2023-02-14
PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC

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	Floor starting to show scaling
Coupled Connections		
Embedment Materials		
Fill	Good	
Floor	Fair	
Footing	Good	
Head Walls	Good	
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)	2.0	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		
2		
3		

Outlet

Approach from Left Bank when facing downstream

Superstructure

Inlet

Inlet

Outlet

Culvert Floor