SC-8211
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THEODOSIA 4.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°56'54.09"	-124°35'29.4"

Crossing Name	Not Known
FSR #	6423
Branch #	01
Road Name	THEODOSIA
User km	4.9
Previous Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2290
Opening Width (mm)	3730
Inlet Cover (mm)	500
Outlet Cover (mm)	500
Culvert Gradient %	5
Culvert Length (m)	15

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m) 5560226.1 Accuracy (m)

Inlet Cover (mm)	900
Outlet Cover (mm)	1500

Inspection

Date of Inspection 2021-04-08 10:21 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: L75 or 68 tonnes
Next Inspection: 2024

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. W. MILLS
35186
Jun. 10 2021

P.Eng Seal

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: 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: Good

Bracing:

Hardware:

Fill: Good

Riprap: N/A

Bearings:

Corrosion Protection:

Culvert

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

Log

Log Curbs

Needle Beam

Needle Lashing/ Shimming

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) 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)	1.5	Ice ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Culvert Floor

Approach from Left Bank when facing downstream

Outlet

Inlet

Outlet