SC-8210
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THEODOSIA 4.5km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°56'49.2"	-124°35'16.4"

Crossing Name	Not Known		
FSR #	6423	Branch #	01
Road Name	THEODOSIA		
User km	4.5		
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 %	3		
Culvert Length (m)	18.3		

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5560074.6	Accuracy (m)	
	800		

Inspection

Date of Inspection	2021-04-08 10:12 AM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Apr 20, 2021
Load Rating: L100 or 91 tonnes
Next Inspection: 2024

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

P.Eng Seal

Approach

Alignment	Fair	
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	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	N/A
Bearings	
Corrosion Protection	

Culvert

Baffles	N/A	
Bolted Connections	Good	
Coating	Fair	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	Minor corrosion
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

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)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

Inlet

Inlet

Inlet

Approach from Right Bank when facing downstream

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Outlet