SC-8229
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THEODOSIA 1.3km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°56'21.99"	-124°38'58"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Not Known
FSR #	6423
Branch #	2
Road Name	THEODOSIA
User km	1.3
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Gravel
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	7.8
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5559233.5	Accuracy (m)	

Inspection

Date of Inspection	2022-11-07 3:34:53 PM	Recommended Next Inspection	2025
Inspector Name	Richard Mills	Inspection Company	MoF

Inspector Comments Serial/ID Plate

Beaver dam at inlet. No apparent change since last inspection. Replace guardrails.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 19, 2023
Load Rating: 75 or 68 tonnes
Next Inspection: 2025
Comments: Replace guardrails.

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	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	Good
Posted Load Rating	
Road Surface	Good

Abutment

Log/Timber Cribs	
Tie Backs	
Bin Wall	
Pier	
Concrete	Good
Caps or Sills	Good
Piles or Posts	Good
Ballast Wall	Good
Wing Wall	
Bracing	
Hardware	Good
Fill	Good
Riprap	Fair
Bearings	Good
Corrosion Protection	Fair

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	
Grout Pockets		
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface	Good	
Curb Rail/Blocks/Posts	Poor	Loose, rotten. Replace.
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Good	
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Unrated	Unable to see

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)	0.2	High Water	X	Debris	X
Estimated Present Water Level Width (m)	2.0	Aggradation		Scour	X
Estimated High Water Level Clearance	1.5	Ic			

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. Full Curb Replacement. . Priority:High	
2		
3		
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Monitor inlet / beaver dam		
2			
3			

Approach from Right Bank when facing downstream

Right Bank Abutment when facing downstream

Guard Rail

Left Bank Abutment when facing downstream

Inlet