SQ-3149	BRITANNIA 01 2.5km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°36'20.3"	-123°11'35.9"

Crossing Name	Trib to Daisy Creek		
FSR #	8321	Branch #	1
Road Name	BRITANNIA 01		
User km	2.5		
Previous Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	12		
Deck Width (m)	4.4		

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5522074.5	Accuracy (m)	

Inspection

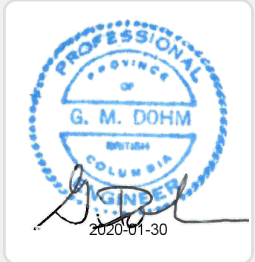
Date of Inspection	2019-09-16 1:10:18 PM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments Serial/ID Plate

Riprap scoured both sides. Will likely continue to scour and destabilize. Repair recommended. Concrete deck on left side damaged, rebar visible - Repair.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 30, 2020
Load Rating: L75 or 68 tonnes
Next Inspection: 2022
Comments:



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	Poor	Missing
Posted Load Rating	68	
Road Surface	Good	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Pier		
Concrete	N/A	
Caps or Sills	Good	
Piles or Posts	Good	
Ballast Wall	Good	
Wing Wall	N/A	
Bracing	Good	
Hardware	Good	
Fill	Good	
Riprap	Poor	Scoured both sides.
Bearings	Good	
Corrosion Protection	Good	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Damaged on camp side. Repair.
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Good
Diaphragms	N/A
Bracing	N/A
Under Trussing	
Hardware	Good
Welded/grouted shear connectors	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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Repair riprap
2	Medium	Repair concrete deck
3	Medium	Add approach barriers

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Deck

Approach from Left Bank when facing downstream

Deck

Deck

Approach from Right Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream