SQ-3032
SQ-3032

CALLAGHAN 01 8.2km

2021 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°8'9.85"	-123°7'40.1"

Crossing Name	Madley Creek
FSR #	6102
Branch #	1
Road Name	CALLAGHAN 01
User km	8.2
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	27.9
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°8'9.86"	-123°7'38.92"

HD Diff. (m)	23.3	Accuracy (m)	5

Inspection

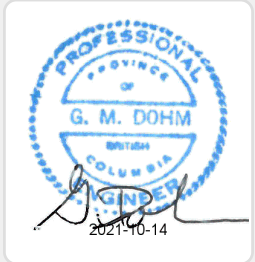
Date of Inspection	2021-09-23 10:53:56 AM
Inspector Name	Greg Dohm
Inspector Comments	Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2024
Comments: precast no-posts to be reinstalled on town end of bridge



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	Poor	Precast no posts to be reinstalled on town side
Posted Load Rating	136	
Road Surface	Fair	

Abutment

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

Deck

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

Steel/Concrete

Girders	Fair
Diaphragms	Fair
Bracing	Fair
Under Trussing	
Hardware	Fair
Welded/grouted shear connectors	

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)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	10	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	6	Ice ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Approach fenders (re-Install). 1 # of units. Priority:Medium	Precast no posts to be reinstalled on town side
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Deck

Approach from Left Bank when facing downstream

Downstream from Crossing

Approach from Right Bank when facing downstream

Upstream from Crossing

Upstream Profile

Deck

Left Bank Abutment when facing downstream

Bearing

Downstream Profile

Right Bank Abutment when facing downstream