

SQ-3031
SQ-3031

CALLAGHAN 01 5.9km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°6'57.49"	-123°7'6.07"
Crossing Name	Tributary to Callaghan
FSR #	6102
Branch #	1
Road Name	CALLAGHAN 01
User km	5.9
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	15.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°6'58.38"	-123°7'6.27"
HD Diff. (m)	27.5
Accuracy (m)	3

Inspection

Date of Inspection 2021-09-23 10:26:24 AM

Inspector Name Greg Dohm

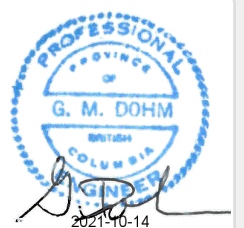
Serial/ID Plate
Inspector Comments

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:



P.Eng Seal

SQ-3031
SQ-3031

CALLAGHAN 01 5.9km

2021 Inspection

CBR iPad Offline Ver 0.33



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 None

Posted Load Rating 136

Road Surface Good

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 Good

Bearings Fair

Corrosion Protection Fair

SQ-3031
SQ-3031

CALLAGHAN 01 5.9km

2021 Inspection

CBR iPad Offline Ver 0.33



Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts Fair Missing one deck clip and bolt on upstream side

Concrete Deck Fair

Grout Pockets

Deck Joints Poor Need sealant

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

SQ-3031
SQ-3031

CALLAGHAN 01 5.9km

2021 Inspection

CBR iPad Offline Ver 0.33



Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SQ-3031
SQ-3031

CALLAGHAN 01 5.9km

2021 Inspection

CBR iPad Offline Ver 0.33



Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Concrete structural maintenance. 1 m ² . Priority:Medium	Missing deck bolt, plate and spacer on upstream girder
2 Structure. Joint maintenance. 1 m ² . Priority:Low	Deck joints need to be sealed

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Upstream Profile



Deck - missing deck bolt and plate



2021 Inspection

CBR iPad Offline Ver 0.33

CALLAGHAN 01 5.9km

SQ-3031
SQ-3031



Downstream Profile