

SQ-3030
SQ-3030

CALLAGHAN 01 4.2km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°6'24.8"	-123°6'40.4"
Crossing Name	Tributary to the Callaghan
FSR #	6102
Branch #	1
Road Name	CALLAGHAN 01
User km	4.2
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)	18.3
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
50°6'27.15"	-123°6'41.44"
HD Diff. (m)	75.6
Accuracy (m)	4

Inspection

Date of Inspection 2021-09-23 10:03:42 AM

Inspector Name Greg Dohm

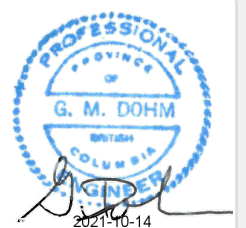
Inspector Comments Serial/ID Plate

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:



P.Eng Seal

SQ-3030
SQ-3030

CALLAGHAN 01 4.2km

2021 Inspection

CBR iPad Offline Ver 0.33



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 Fair

Posted Load Rating 136

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall Fair

Bracing Fair

Hardware Fair

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Fair

SQ-3030
SQ-3030

CALLAGHAN 01 4.2km

2021 Inspection

CBR iPad Offline Ver 0.33



Deck

Running Surface **Good**

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 **Good**

Gravel Depth (mm)

Pier Deck

SQ-3030
SQ-3030

CALLAGHAN 01 4.2km

2021 Inspection

CBR iPad Offline Ver 0.33



Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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-3030
SQ-3030

CALLAGHAN 01 4.2km

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)	6	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
-------------	--------------------

1

2

3

4

5

6

7

Item	Monitor Description	Frequency
------	---------------------	-----------

1

2

3



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Upstream from Crossing