

SQ-3132
SQ-3132A

MAMQUAM 10.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°42'50.1" Longitude -123°2'42.5"

Site Status Active

Insp. Status Inspect

Crossing Name Raffuse Creek

FSR # 9283 Branch # 1

Road Name MAMQUAM

User km 10.5

Previous Load Rating (tonnes) 68

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) 27.4

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5534127.9 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 1:48:07 PM

Inspector Name Mitch Lowe

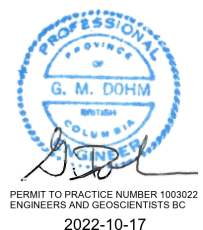
Inspector Comments Serial/ID Plate
No issues

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: L75 or 68 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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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 **Good**

Posted Load Rating

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts **Fair**

Ballast Wall **Fair**

Wing Wall

Bracing **Fair**

Hardware

Fill

Riprap **Good** One piece has rolled into creek

Bearings **Fair**

Corrosion Protection **Fair**

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Some spalling on deck surface but okay.

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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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
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Hazards

Estimated Present Water Level Depth (m)

High Water

☐

Debris

☐

Estimated Present Water Level Width (m)

Aggradation

☐

Scour

☐

Estimated High Water Level Clearance

Ic

☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Left Bank Abutment when facing downstream



Deck



Deck



Approach from Right Bank when facing downstream



Structure ID



Left Bank Abutment when facing downstream



Bearing



Right Bank Abutment when facing downstream