

SQ-3131
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MAMQUAM 13.2km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°43'8.64"
Longitude -122°59'43.3"

Site Status Active

Insp. Status Inspect

Crossing Name Skookum Creek

FSR # 9283 Branch # 1

Road Name MAMQUAM

User km 13.2

Previous Load
Rating (tonnes) 150

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Concrete Cast in Place

Abutment Right Concrete Cast in Place

Spans 1

Total Length (m) 31

Deck Width (m) 4.88

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5534701.4 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 12:48:46 PM

Inspector Name Mitch Lowe

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: L165 or 150 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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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 Good

Posted Load Rating 149

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 Good

Hardware

Fill

Riprap Good

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair**

Grout Pockets **Fair**

Deck Joints **Poor** Grout is lacking in all joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

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
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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 Structure. Clean Deck. # of
delineators. Priority:Medium Clean deck and reassess condition. Some concrete deck patching and maintenance is likely to follow.

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



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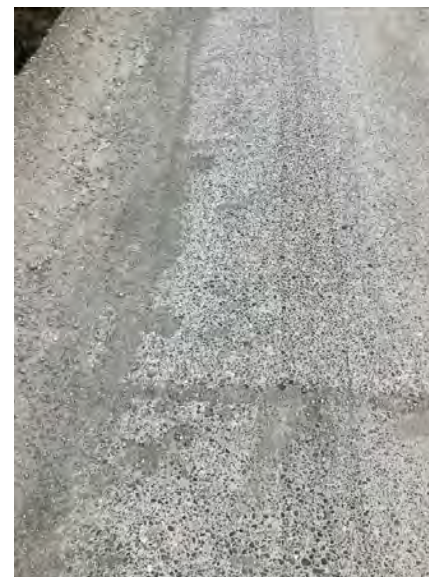
Approach from Right Bank when facing downstream



Deck



Deck



Deck



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Bearing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream