

SQ-3248
TCH-1203

SQ_MAM1000 0.4km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°43'5"
Longitude -122°59'24.9"

Crossing Name Trib to Mamquam River
FSR # 9283 Branch # 6

Road Name SQ_MAM1000
User km 0.4

Previous Load Rating (tonnes) 68
Structure Class Temporary Bridge

Portable N

Superstructure Steel Box Beam

Deck Type Steel

Abutment Left Concrete Lock Blocks
Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 12.2

Deck Width (m) 4.9

Updated Data

Latitude 49°43'1.13"
Longitude -122°59'28.56"

HD Diff. (m) 75.7 Accuracy (m) 5

Inspection

Date of Inspection 2020-09-08 1:35:23 PM

Inspector Name Greg Dohm

Recommended Next Inspection Year

Inspection Company FLNRORD

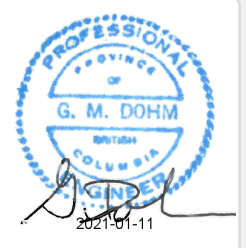
Inspector Comments Serial/ID Plate

Sills at both abutments shimmed and not bearing along full length. Superstructure should be removed and sills recut level along sill bearing surfaces to achieve full bearing.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 11, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2022

Comments: Sills at both abutments shimmed and not bearing along full length. Superstructure should be removed and sills recut level along sillbearing surfaces to achieve full bearing.



P.Eng Seal

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Approach

Alignment **Poor**

Very steep approaches on debris fan

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

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills **Poor**

Both townside and woodside sills not level and bridge not bearing fully. Should be removed and reinstalled.

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware **Fair**

Fill **Fair**

Riprap **Fair**

Bearings **Poor**

Sills at both abutments shimmed and not bearing along full length. Superstructure should be removed and sills recut level along sill bearing surfaces to achieve full bearing.

Corrosion Protection **Fair**

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing

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

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Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Substructure. Timber caps and log sills. 1 m ² . Priority:Medium	Sills at both abutments shimmed and not bearing along full length. Superstructure should be removed and sills recut level along sill bearing surfaces to achieve full bearing.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Upstream Profile



Structure ID



Downstream Profile



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream