

SQ-3213
SQ-3213

SQ_MAM1000 2km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°42'56.99" Longitude -122°58'5"

Crossing Name Trib to Mamquam River

FSR # 9283 Branch # 6

Road Name SQ_MAM1000

User km 2

Previous Load Rating (tonnes) 0

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 8

Deck Width (m) 5.5

Updated Data

Latitude 49°42'55.53" Longitude -122°58'3.31"

HD Diff. (m) 56.7 Accuracy (m) 5

Inspection

Date of Inspection 2020-09-08 1:04:34 PM

Recommended Next Inspection Year

Inspector Name Greg Dohm

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.

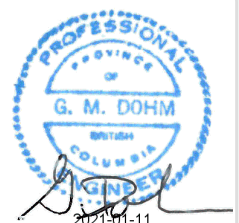
P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 11, 2021

Load Rating: L165 or 150 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 sill bearing surfaces to achieve full bearing.



P.Eng Seal

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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 Fair

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Poor Sills at both abutments shimmed and not bearing along full length

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Good

Bearings Poor Sills at both abutments shimmed and not bearing along full length

Corrosion Protection Fair

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate **Good**

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders **Good**

Diaphragms **Good**

Bracing

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)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Surface drainage maintenance (drains, catch basins, ditches). 1 # of	Approach from Left Bank when facing downstream — ditch line needs redefining as is eroded and needs redefining
2 Substructure. Timber caps and log sills. 1 m². 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.
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream — ditch line needs redefining as is eroded no road surface on woods side



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Upstream Profile



Downstream Profile



Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Upstream from Crossing



Bearing - townside



Bearing - townside overall sill



Bearing - woodside sill



Bearing. - woodside sill



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream