

SQ-3131

MAMQUAM 01 13.2km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°43'8.64"	-122°59'43.3"
Crossing Name	Skookum Creek
FSR #	9283
Branch #	1
Road Name	MAMQUAM 01
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)	21.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5534701.4
Accuracy (m)	

Inspection

Date of Inspection 2019-09-16 3:22:46 PM

Inspector Name Richard Mills

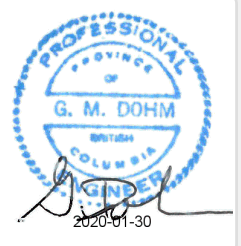
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020
Load Rating: L165 or 150 tonnes
Next Inspection: 2022
Comments:



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Fair

Pothole camp approach

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good Sheet pile

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Good

Riprap Fair

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface	Fair	Pothole camp approach
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Running Planks	N/A
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Sub Deck	N/A
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Ties	N/A
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Nails	N/A
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Deck to Girder Bolts	N/A
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Concrete Deck	Good
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Grout Pockets	Good
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Deck Joints	Fair	Not flush with deck
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Steel Deck Plate	N/A
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Gravel Surface	N/A
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Curb Rail/Blocks/Posts	Good
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Hand Rails/Walkouts	N/A
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Hardware	Good
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Overall Deck Condition	Good
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Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Minor rust scale, particularly upstream upper flange

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)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

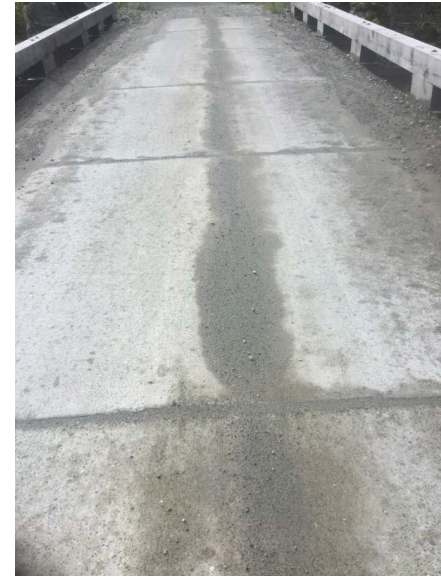
2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Upstream Profile



Upstream Profile



Left Bank Abutment when facing downstream



Downstream Profile