

SQ-3191
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MASHITER 02 0.7km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°46'52.7"	-123°5'13.7"
Crossing Name	Mashiter creek
FSR #	8035
Branch #	2
Road Name	MASHITER 02
User km	0.7
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)	4.87

Updated Data

Latitude	Longitude
49°46'53.22"	-123°5'14.04"
HD Diff. (m)	17.4
Accuracy (m)	8

Inspection

Date of Inspection 2021-09-20 2:21:19 PM

Inspector Name Greg Dohm

Inspector Comments Serial/ID Plate

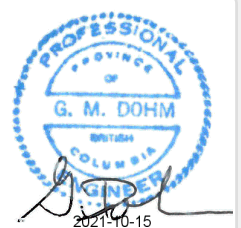
Close bridge until guard rails replaced

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 15, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments: guard rails were subsequently replaced since the inspection was completed



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Posted Load Rating 0 Closed bridge due to poor curb rail condition

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills

Piles or Posts Fair

Ballast Wall

Wing Wall Fair

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Need replacing prior to use

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Poor Poor due to rotten risers and rotten curb rails

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)	0.7	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. 1 . Priority:High	Close bridge until curb rails replaced

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Deck



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Guard Rail



Guard Rail



Guard Rail



Approach from Right Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream from Crossing



CURBS RECENTLY REPLACED, OCT. 15, 2021

