

SQ-3144
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SQUAMISH RIVER 41.8km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°58'29.89"	-123°18'20.6"
Crossing Name	Chuck - Chuck
FSR #	9160
Branch #	1
Road Name	SQUAMISH RIVER
User km	41.8
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Untreated
Abutment Left	Pile -Permanent Materials
Abutment Right	Pile -Permanent Materials
Spans	1
Total Length (m)	15.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°58'30.11"	-123°18'21.08"
HD Diff. (m)	11.6
Accuracy (m)	7

Inspection

Date of Inspection 2020-09-08 12:13:27 PM

Inspector Name Gino Fournier

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

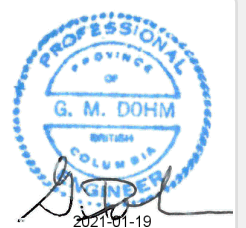
P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021

Load Rating: L75 or 68 tonnes

Next Inspection: 2022

Comments: Subsequent to the inspection, the approach barriers on town end were damaged. Repair of approach barriers required.



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 Good Noposts

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Poor Riprap held by old wood piles

Riprap Poor See above

Bearings Fair

Corrosion Protection N/A

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Deck

Running Surface	Fair	
Running Planks	Fair	
Sub Deck	N/A	
Ties	Fair	8x12 treated 400 c/c
Nails	Fair	
Deck to Girder Bolts	Fair	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	
Pier Deck	N/A	

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Steel/Concrete

Girders Fair

Railcars

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Fair

Welded/grouted
shear connectors N/A

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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Riprap	Routine Inspection

2

3



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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Downstream Profile



Upstream from Crossing



Deck



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream