

SQ-3184
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SQUAMISH RIVER 35.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°55'59.59" Longitude -123°17'30.4"

Site Status Active

Insp. Status Inspect

Crossing Name Powerhouse

FSR # 9160 Branch # 1

Road Name SQUAMISH RIVER

User km 35.5

Previous Load Rating (tonnes) 62

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Concrete Cast in Place

Abutment Right Concrete Cast in Place

Spans 2

Total Length (m) 45.4

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5558540.8 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 12:48:57 PM

Inspector Name Mitch Lowe

Inspector Comments Serial/ID Plate Modular Bridge Systems

Recommended Next Inspection 2024

Inspection Company MoF

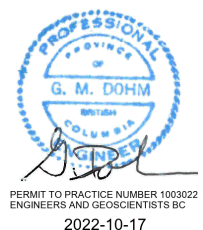
P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022

Load Rating: BCL625 or 63 tonnes

Next Inspection: 2023

Comments: curb/deck repair was done during summer of 2022, with plan to replace entire deck next year by road maintainer



PERMIT TO
PRACTICE: 1003022

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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 62

Road Surface Fair

Asphalt approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier Fair Unable to fully assess.

Concrete Good

Caps or Sills

Piles or Posts

Ballast Wall Good

Wing Wall

Bracing

Hardware

Fill

Riprap Fair Some minor erosion

Bearings Fair Some erosion under concrete on left bank

Corrosion Protection

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Deck

Running Surface Poor Asphalt approaches

Running Planks

Sub Deck

Ties Good

Nails Fair Nails starting to lift up in some spots, but could be due to the odd 10x10 cross tie.

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware

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)

High Water ☒

Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance

Ic ☐

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Minor redecking (wearing surface). m. Priority:Medium	Replace in 2 years

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

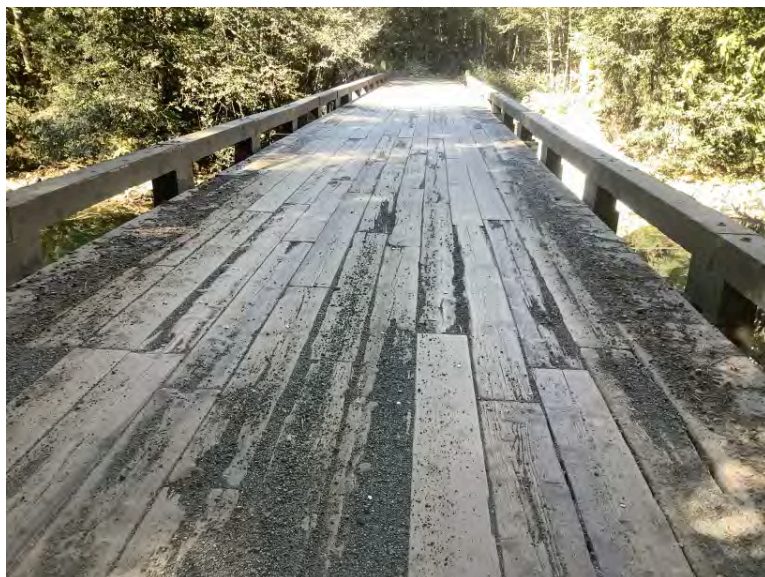
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Approach from Left Bank when facing downstream



Load Rating Sign



Deck



Guard Rail



Deck



Approach from Right Bank when facing downstream



Deck



Deck



Right Bank Abutment when facing downstream



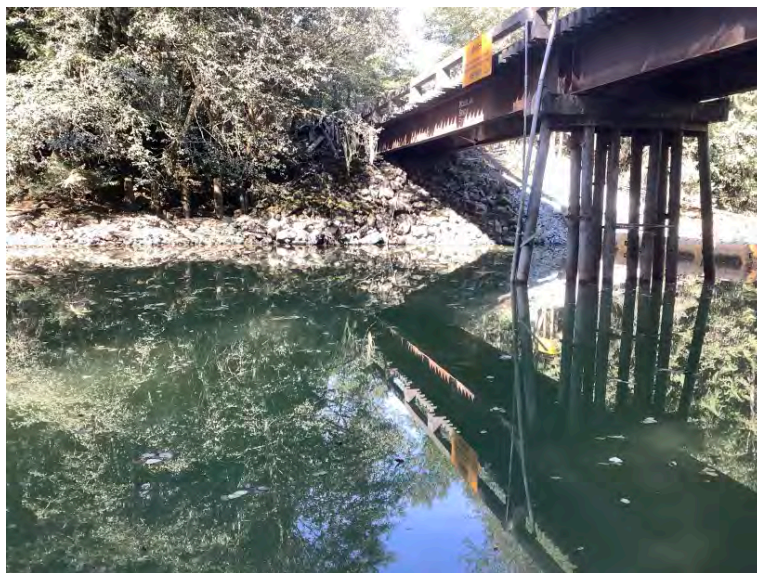
Deck



Pier



Bearing



Right Bank Abutment when facing downstream



Bearing