

SQ-3155
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SQUAMISH RIVER 53.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°3'51.8" Longitude -123°20'.77"

Site Status Active

Insp. Status Inspect

Crossing Name Shovel Nose Creek

FSR # 9160 Branch # 1

Road Name SQUAMISH RIVER

User km 53.1

Previous Load Rating (tonnes) 63

Structure Class Temporary Bridge

Portable N

Superstructure Rail Car

Deck Type Timber - Treated

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 17.5

Deck Width (m) 4.8

Updated Data

Latitude 0°0" Longitude 0°0"

HD Diff. (m) 5573142.3 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 11:41 AM

Inspector Name Mitch Lowe

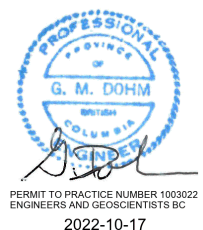
Inspector Comments Serial/ID Plate
No major issues

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: 2024
Comments:



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

Abutment

Log/Timber Cribbs Good Minor erosion

Tie Backs Good

Bin Wall

Pier

Concrete

Caps or Sills Good Steel cap on cribs

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap Fair

Bearings Fair

Corrosion Protection

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Deck

Running Surface Good

Running Planks N/A

Sub Deck Poor Deck below ties is rotten.

Ties Good

Nails Good

Deck to Girder Bolts Fair Timber washers bolted up next to steel runner on rail car.

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
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Minor erosion under downstream left bank abutment.	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Load Rating Sign



Deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Deck



Ties



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream