

SQ-3156  
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## SQUAMISH RIVER 53.6km

2020 Inspection

CBR iPad Offline Ver 0.33



### CBR Data

|                               |                    |
|-------------------------------|--------------------|
| Latitude                      | Longitude          |
| 50°4'6.4"                     | -123°20'33.3"      |
| Crossing Name                 | Turbid Creek       |
| FSR #                         | 9160               |
| Branch #                      | 1                  |
| Road Name                     | SQUAMISH RIVER     |
| User km                       | 53.6               |
| Previous Load Rating (tonnes) | 136                |
| Structure Class               | Temporary Bridge   |
| Portable                      | N                  |
| Superstructure                | Steel I-beam       |
| Deck Type                     | Timber - Untreated |
| Abutment Left                 | Other              |
| Abutment Right                | Other              |
| Spans                         | 1                  |
| Total Length (m)              | 23.5               |
| Deck Width (m)                | 4.8                |

### Updated Data

|              |                |
|--------------|----------------|
| Latitude     | Longitude      |
| 50°4'6.7"    | -123°20'33.61" |
| HD Diff. (m) | 11.0           |
| Accuracy (m) | 6              |

### Inspection

Date of Inspection 2020-09-08 11:11:26 AM

Inspector Name Gino Fournier

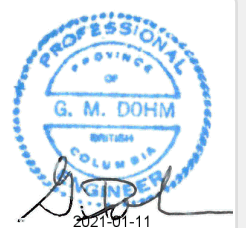
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

### P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021  
Load Rating: L150 or 136 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 ☐ 2

Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good Noposts

Posted Load Rating 136

Road Surface Good

## Abutment

Log/Timber Cribs Fair

Tie Backs Fair

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Good

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Good

Riprap Fair

Bearings Fair

Corrosion Protection N/A

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### Deck

|                        |      |                         |
|------------------------|------|-------------------------|
| Running Surface        | Fair |                         |
| Running Planks         | Fair | 4x12                    |
| Sub Deck               | N/A  |                         |
| Ties                   | Fair | 10x12 on 400c/c treated |
| 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               | Fair |                         |
| Overall Deck Condition | Fair |                         |
| Gravel Depth (mm)      | 0    |                         |
| Pier Deck              | N/A  |                         |

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### Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

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<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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### Hazards

|                                          |    |             |                          |        |                                     |
|------------------------------------------|----|-------------|--------------------------|--------|-------------------------------------|
| Estimated Present Water Level Depth (m)  | .4 | High Water  | <input type="checkbox"/> | Debris | <input checked="" type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 4  | Aggradation | <input type="checkbox"/> | Scour  | <input checked="" type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 3  | Ice         | <input type="checkbox"/> |        |                                     |

Comments

### Repairs and Monitoring

| Repair Item | Repair Description |
|-------------|--------------------|
| 1           |                    |
| 2           |                    |
| 3           |                    |
| 4           |                    |
| 5           |                    |
| 6           |                    |
| 7           |                    |

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
| 1    |                     |           |
| 2    |                     |           |
| 3    |                     |           |



2020 Inspection

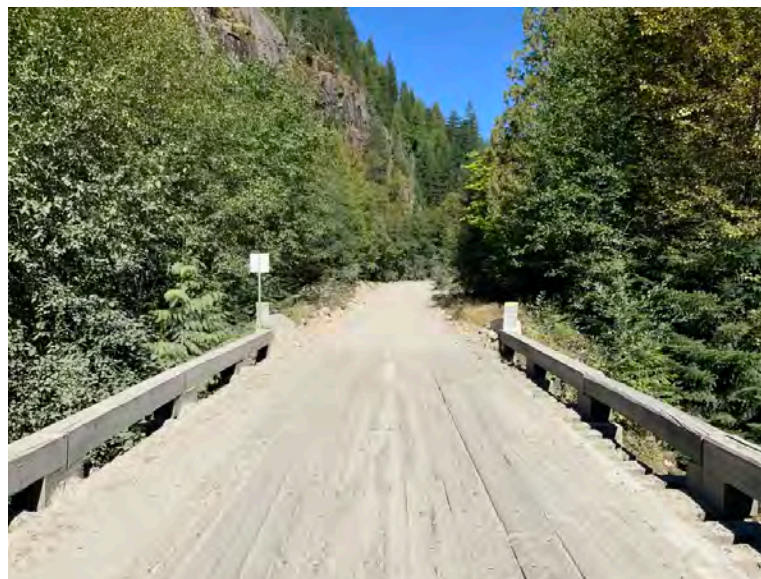
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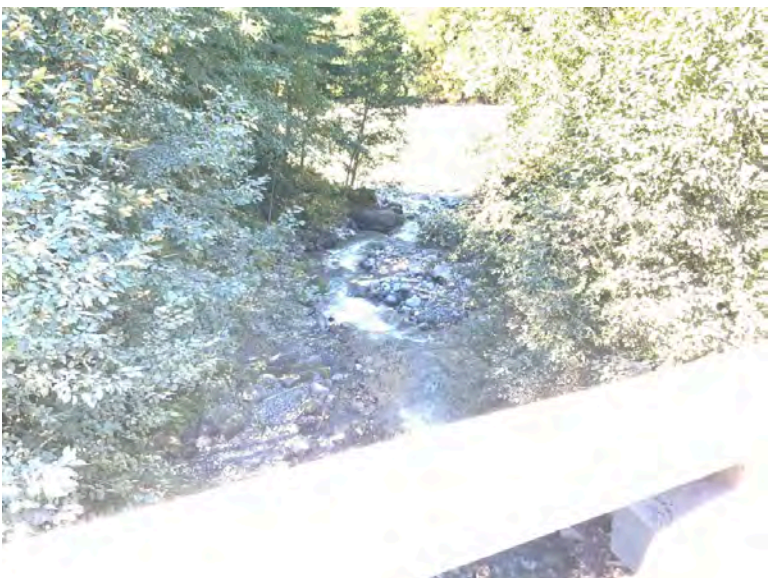
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Approach from Left Bank when facing downstream



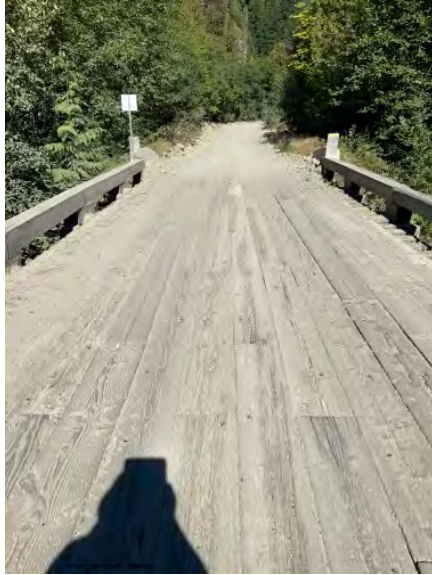
Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Deck



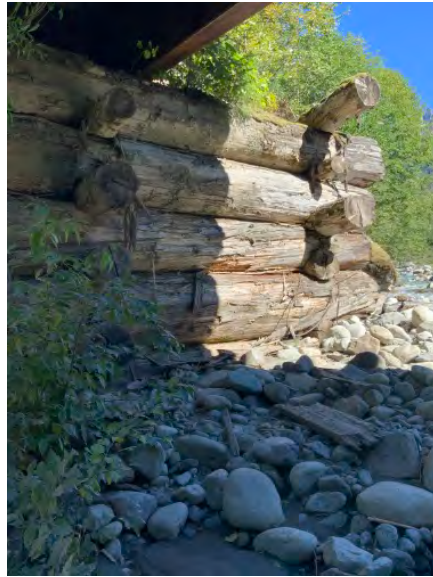
Left Bank Abutment when facing downstream



Bearing right side



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Downstream Profile