

SQ-3145
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ASHLU RIVER 33.4km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°54'51.8"	-123°17'35.6"
Crossing Name	Squamish River
FSR #	9160
Branch #	2
Road Name	ASHLU RIVER
User km	33.4
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Pile -Permanent Materials
Spans	4
Total Length (m)	86.9
Deck Width (m)	4.43

Updated Data

Latitude	Longitude
49°54'51.25"	-123°17'34.6"
HD Diff. (m)	26.2
Accuracy (m)	32

Inspection

Date of Inspection 2021-06-23 9:52:45 AM

Inspector Name Greg Dohm

Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Sub deck has broken planks with holes in deck in urgent need of repair. Curb rails are also needing repair particularly at town end of timber deck bridge section. Broken and deteriorated planks and curb rails to be repaired ASAP/immediately for continued use of bridge.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., June 25, 2021

Load Rating: L75 or 68 tonnes

Next Inspection: 2022

Comments: Sub deck has broken planks with holes in deck in urgent need of repair. Curb rails are also needing repair particularly at town end of timber deck bridge section. Broken and deteriorated planks and curb rails to be repaired ASAP/immediately for continued use of bridge.



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 68

Road Surface Fair

Abutment

Log/Timber Cribs Fair Woods fill retaining only

Tie Backs

Bin Wall

Pier Fair

Concrete Fair

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Poor

Running Planks N/A No wear deck

Sub Deck Poor Repair ASAP for continued use

Ties Fair

Nails Poor Sticking thru broken planking

Deck to Girder Bolts Fair

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Fair to poor. Replace deteriorated riser blocks ASAP. Plan to replace all curb rails within 2 years

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

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)

High Water ☐

Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance (m)

Ice ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1 Structure. Timber deck
maintenance.
Priority:High

Sub deck has broken planks with holes in deck in urgent need of repair. Curb rails also needing repair particularly at town end of timber deck bridge section. Planks and curb rails to be repaired ASAP/immediately for continued use of bridge. Replace deteriorated riser blocks ASAP.

2 Structure. Full Curb
Replacement. .
Priority:Medium

Plan to replace all curb rails within 2 years

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

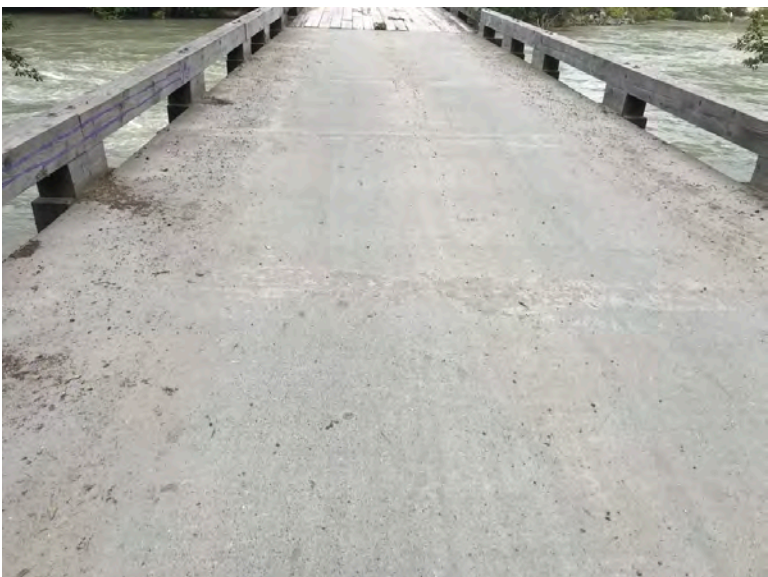
3



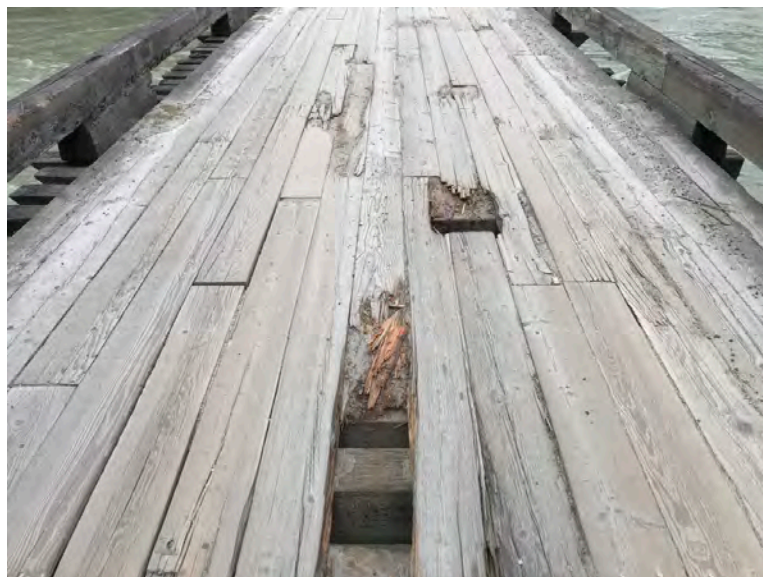
Approach from Left Bank when facing downstream



Downstream Profile



Deck



Deck



Deck



Guard Rail



Guard Rail



Deck



Deck



Deck



Deck



Deck



Deck



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream



Pier