

SQ-3145
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ASHLU RIVER 33.4km

2020 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°54'51.72"	-123°17'34.7"
HD Diff. (m)	18.1
Accuracy (m)	5

Inspection

Date of Inspection 2020-09-08 2:29:05 PM

Inspector Name Gino Fournier

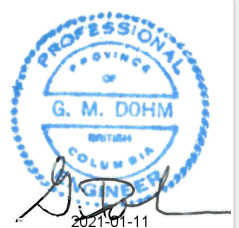
Inspector Comments Serial/ID Plate

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:



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 Poor Rotting and only holding road fill

Tie Backs Poor Rotting and only holding road fill

Bin Wall N/A

Pier Fair

Concrete N/A

Caps or Sills N/A

Piles or Posts Fair

Ballast Wall Poor Crib face

Wing Wall Good Crib

Bracing N/A

Hardware N/A

Fill Fair

Riprap N/A

Bearings N/A

Corrosion Protection N/A

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Deck

Running Surface	Fair	
Running Planks	Fair	4x10 with 2 strips of 4x12
Sub Deck	N/A	
Ties	Fair	8x12 creosoted
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	10x12 treated
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	
Pier Deck	Fair	

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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 Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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Hazards

Estimated Present Water Level Depth (m)	5	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	65	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Minor redecking (wearing surface). m. Priority:Medium	Replace rotting deck planks

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



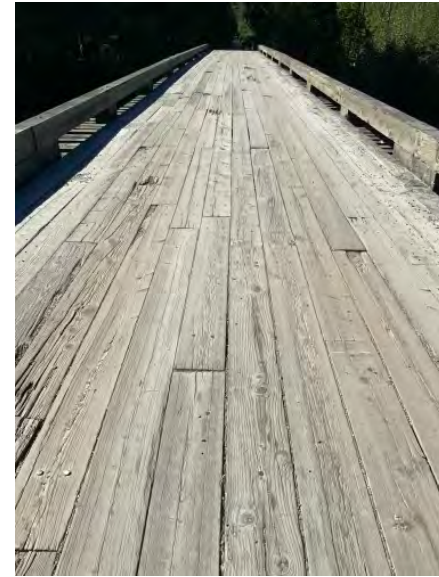
Downstream from Crossing



Upstream from Crossing



Deck



Deck



Outlet



Pier



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Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream