

SQ-3161
SQ-3161A

ASHLU RIVER 35.6km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°54'39.7"	-123°19'13.6"
Crossing Name	Side Creek
FSR #	9160
Branch #	2
Road Name	ASHLU RIVER
User km	35.6
Previous Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel Box Beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	27.4
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°54'39.28"	-123°19'14.59"
HD Diff. (m)	23.7
Accuracy (m)	6

Inspection

Date of Inspection 2021-09-24 11:23:22 AM

Recommended Next Inspection Year

Inspector Name Greg Dohm

Inspection Company FLNRORD

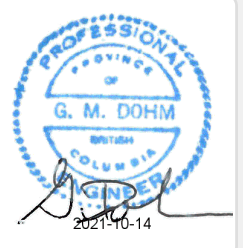
Inspector Comments Serial/ID Plate

Guard rail Appears to be missing top bearing plate - check standard detail.

Right Bank Abutment when facing downstream - riprap unravelling a bit. Add large riprap to prevent unravelling.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L100 or 91 tonnes
Next Inspection: 2024
Comments: add riprap on downstream woods side prevent further riprap erosion.



P.Eng Seal

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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 Good

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall Good

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good** Guard rail Appears to be missing top bearing plate - check standard detail

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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)	0.6	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Channel. Add Riprap (placed). 1 m ³ . Priority:Medium	Right Bank Abutment when facing downstream - riprap unravelling a bit. Add large riprap to prevent unravelling.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Right Bank Abutment when facing downstream - riprap unravelling a bit	Routine Inspection

2

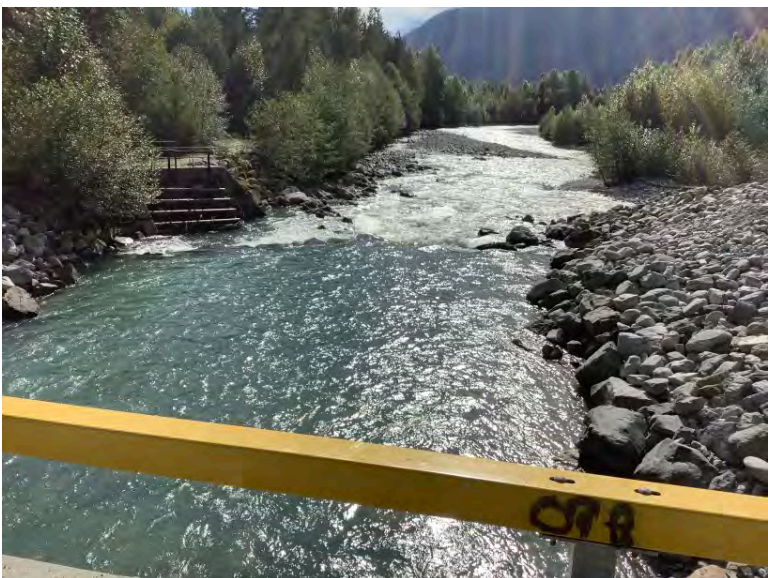
3



Approach from Right Bank when facing downstream



Deck



Downstream from Crossing



Upstream from Crossing



Guard Rail



Approach from Left Bank when facing downstream



Guard Rail



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream - riprap unravelling a bit



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Left Bank Abutment when facing downstream