

CK-2279

SUMALLO RIVER 4.7km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°13'49"	-121°13'57.5"
Crossing Name	Tearse Creek (structure #11)
FSR #	7510 Branch # 1
Road Name	SUMALLO RIVER
User km	4.7
Current Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	14.3
Deck Width (m)	4.2

Updated Data

Latitude	Longitude
49°13'49.18"	-121°13'57.6"
HD Diff. (m)	5.8 Accuracy (m) 10
Y	
Sill -Temporary Materials	
Sill -Temporary Materials	

Inspection

Date of Inspection 2017-08-02 9:04:56 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace 3m section of guardrail and associated riser, and tighten all guardrail hardware. Place fenders at all 4 corners of the bridge and replace missing delineator. Grade and brush approaches and post bridge ahead signs when active. Present load rating of L60 or 54 tonnes to continue.



29/01/2018

P.Eng Seal

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Approach

Alignment Fair

HC left approach

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Poor

None

Posted Load Rating

Not posted

Road Surface Poor

Wilderness road that requires grading

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

Log sill at both abutments

Piles or Posts

Ballast Wall Good

Treated timbers

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair

Bearings Good

Corrosion Protection

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**Deck**

Running Surface

Wilderness road that requires grading

Running Planks

Fair

Sub Deck

Fair

Ties

Good

Treated

Nails

Fair

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Fair

1 section of guardrail and 1 riser needs to be replaced

Hand Rails/Walkouts

Hardware

Fair

Guardrail bolts require tightening

Overall Deck Condition

Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 4 welded bays

Bracing Good

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace 3m section of guardrail, 1 riser and tighten all guardrail bolts
2	Medium	Place fender logs at all 4 corners and replace missing delineator
3	Medium	Brush and grade approaches and post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

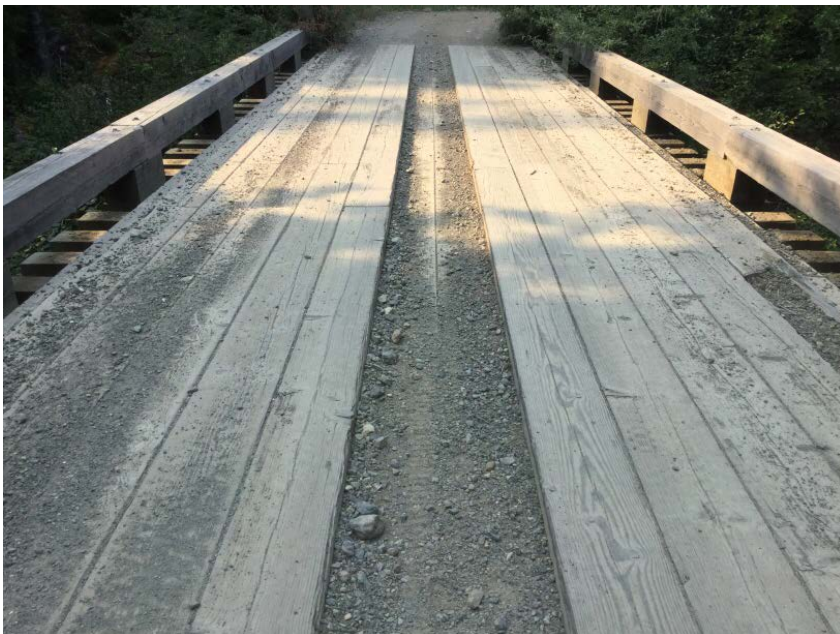
Sketch
(Select Signature)



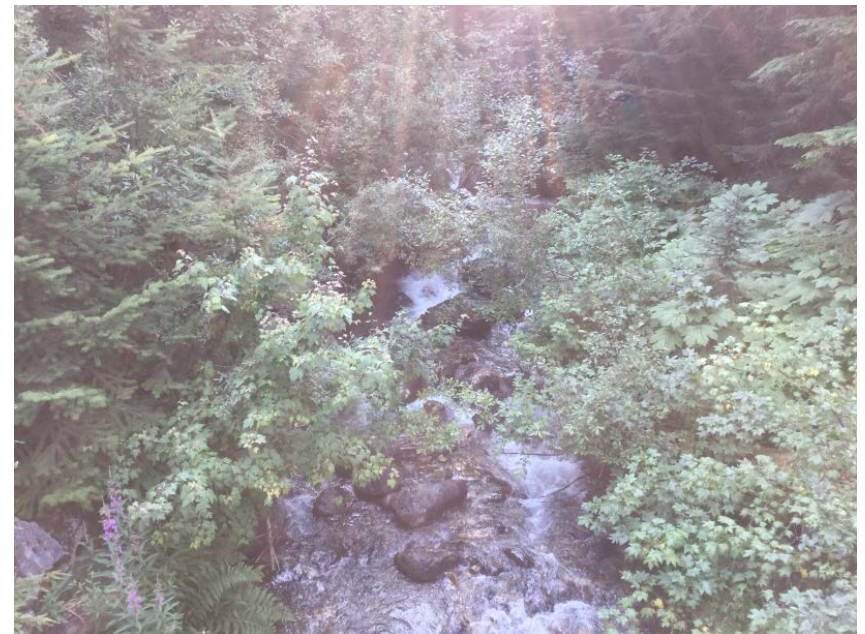
Approach from Right Bank when facing downstream



Guardrail and riser damage



Deck



Looking upstream from deck



Looking downstream from deck



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream