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
Portable	Y		
Abutment Left	Sill -Temporary Materials		
Abutment Right	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.

P.Eng Seal

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		

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)		

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

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)

CK-2279 SUMALLO RIVER 4.7km 2017 Inspection

Approach from Right Bank when facing downstream

Guardrail and riser damage

Deck

Looking upstream from deck

CK-2279 SUMALLO RIVER 4.7km 2017 Inspection

Looking downstream from deck

Right Bank Abutment when facing downstream

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream