

CK-2279

SUMALLO 4.7km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°13'49.19"	-121°13'57.5"
Crossing Name	Tearse Creek (structure #11)
FSR #	7510
Branch #	1
Road Name	SUMALLO
User km	4.7
Previous Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	14.3
Deck Width (m)	4.2

Updated Data

Latitude	Longitude
49°13'49.08"	-121°13'58.09"
HD Diff. (m)	12.5
Accuracy (m)	5
L60 or 54 tonnes	

Inspection

Date of Inspection

Recommended Next Inspection Year 2021

Inspector Name

Inspection Company

Inspector Comments

P.Eng Comments

Post bridge ahead signs. There was a number of maintenance items completed between the time of inspection and the signing of this load rating, those being brushing, grading, and the placement of the concrete no post barriers - see photos. The current load rating of L60 or 54 tonnes to continue.



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Approach

Alignment Fair

HC both approaches

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

Concrete no post barriers added in October 2019

Posted Load Rating

Not posted

Road Surface Good

Work completed in October 2019

Abutment

Log/Timber Cribbs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Fair

Single log sill with 30mm sap rot. No signs of crushing

Piles or Posts

Ballast Wall

Good

Creosote timbers

Wing Wall

Bracing

Hardware

Fair

Fill

Good

Riprap

Fair

Not well graded or keyed in

Bearings

Good

Corrosion Protection

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Deck

Running Surface

Running Planks

Fair

Sub Deck

Good

Ties

Good

Treated

Nails

Good

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Fair

Hand Rails/Walkouts

Hardware

Fair

Overall Deck Condition

Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good Minor corrosion

Diaphragms Good 4 welded bays, minor corrosion

Bracing Good Minor corrosion

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)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Post bridge ahead signs

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Down stream right bank rail and riser



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Maintenance work completed in October 2019