

CK-2278

SUMALLO RIVER 1.4km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°15'54.6"	-121°14'20"
Crossing Name	Sumalo River
FSR #	7510
Branch #	1
Road Name	SUMALLO RIVER
User km	1.4
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	24.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°15'54.53"	-121°14'19.91"
HD Diff. (m)	3.0
Accuracy (m)	10

Inspection

Date of Inspection 2017-08-02 9:29:49 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Brush and grade approaches when active and post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.



29/01/2018

P.Eng Seal

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Approach

Alignment Fair

HC and VC 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 Good

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface	Good
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Running Planks	
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Sub Deck	
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Ties	
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Nails	
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Deck to Girder Bolts	
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Concrete Deck	Good
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Grout Pockets	Good
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Deck Joints	Good
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Steel Deck Plate	
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Gravel Surface	
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Curb Rail/Blocks/Posts	Poor	Rotting risers and blocks
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Hand Rails/Walkouts		
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Hardware	Poor	Loose rail bolts
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Overall Deck Condition	Poor	Due to rail condition
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Gravel Depth (mm)		
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**Steel/Concrete**

Serial/ID Plate

Girders Good

Diaphragms Good 2 welded bays

Bracing

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	13.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 Medium Replace guardrail, risers and blocks - traffic counter attached to riser upstream right bank

2 Medium Brush and grade approaches and post bridge ahead signs

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Left Bank Abutment when facing downstream



Looking upstream from deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Splice plate on composite girders



Right Bank Abutment when facing downstream



Traffic counter



Superstructure