

CK-2278

SUMALLO RIVER 1.4km

2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°15'54.39"	-121°14'20.6"
Road Name	SUMALLO RIVER
User km	1.4
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
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°15'54.75"	-121°14'19.99"		
HD Diff. (m)	16.4	Accuracy (m)	5
Sumallo River			
1.4			
L75 or 68 tonnes			
Permanent Bridge			
N			
Compo Girders			
Concrete Composite			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
24.3			
4.3			

Inspection

Date of Inspection 2014-07-07 10:20:12 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Post bridge ahead signs.

P.Eng Comments

Post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.



File
Aug 8/2014

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Approach

Alignment Fair

vertical and horizontal on left approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good steel plates and rubber pads

Piles or Posts Good

Ballast Wall Good

Wing WallBracing N/A

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good 8 panels

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good composite girders

Diaphragms Good 2 - welded

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Comment

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Hazards

Estimated Present Water Level Depth (m) 1.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.5

Ice ☐Comment
~**Repairs and Monitoring**

Repair Item	Priority	Repair Description
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1	Medium	post bridge ahead signs
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2		
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3		
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Monitor Item

Monitor Description

Monitoring Frequency

1		
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2		
---	--	--

3		
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Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream

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Left Bank Abutment when facing downstream



composite girders



right bearing plates



Right Bank Abutment when facing downstream

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right bearing plates