

CK-2175

LOST-MURDO 1.2km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude		
49°17'39.4"	-122°13'35.6"		
Crossing Name	Not Known		
FSR #	8466	Branch #	2
Road Name	LOST-MURDO		
User km	1.2		
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)	10.4		
Deck Width (m)	4.1		

Updated Data

Latitude	Longitude		
49°17'39.03"	-122°13'34.38"		
HD Diff. (m)	27.1	Accuracy (m)	5

Inspection

Date of Inspection 2016-11-14 1:12:55 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing delineators. Monitor the fill on the right approach and control surface water drainage in this location. Also, monitor the vertical crack in the top crib log on the right abutment - no apparent change from last year. Present load rating of L60 or 54 tonnes to continue.



17/02/2017

P.Eng Seal

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Approach

Alignment Fair

VC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating not posted

Road Surface Poor surface erosion both approaches

Abutment

Log/Timber Cribs Fair

Tie Backs Good

Bin Wall N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Good treated timbers

Wing Wall N/A

Bracing Good

Hardware Good

Fill Fair

Riprap Good

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface	N/A	surface erosion both approaches
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Running Planks	Fair
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Sub Deck	Good
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Ties	Good	250mm x 250mm
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Nails	Good
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Deck to Girder Bolts	Good
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Concrete Deck	N/A
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Grout Pockets	N/A
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Deck Joints	N/A
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Steel Deck Plate	N/A
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Gravel Surface	N/A
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Curb Rail/Blocks/Posts	Good
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Hand Rails/Walkouts	N/A
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Hardware	Good
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Overall Deck Condition

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	replace delineators
2	High	control road surface water to prevent erosion
3		

Item	Monitor Description	Frequency
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1	crack in right bank face logs - downstream	Anually
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



looking upstream



Deck



looking downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



surface erosion



crack in face log on right bank



Right Bank Abutment when facing downstream



Upstream Profile