

CK-2169

LOST CREEK 14.6km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude		
49°22'51.7"	-122°13'22.7"		
Crossing Name	Boulder Creek		
FSR #	8466	Branch #	1
Road Name	LOST CREEK		
User km	14.6		
Current Load Rating (tonnes)	54		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	23.9		
Deck Width (m)	4.6		

Updated Data

Latitude	Longitude		
49°22'51.04"	-122°13'23.57"		
HD Diff. (m)	26.9	Accuracy (m)	5

Inspection

Date of Inspection 2016-08-31 11:10:20 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair/replace scoured riprap on the left abutment. Post bridge ahead signs and brush approaches. Monitor the scour and the crack on the underside of the 3rd girder, especially during/after hauling and during rainy weather for water ingress and deterioration. Present load rating of L60 or 54 tonnes to continue.



16/02/2017

P.Eng Seal

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Approach

Alignment Fair

VC left approach

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y minor

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

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

Piles or Posts Good

Ballast Wall N/A

Wing Wall N/A

Bracing Good

Hardware Good

Fill Fair

Riprap Fair poor on left bank as scour noted

Bearings Good

Corrosion Protection Poor pipe columns do not appear to be painted

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**Deck**

Running Surface	Good
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Running Planks	N/A
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Sub Deck	N/A
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Ties	N/A
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Nails	N/A
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Deck to Girder Bolts	N/A
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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	N/A
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Overall Deck Condition	Good
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Gravel Depth (mm)	
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Steel/Concrete

Serial/ID Plate

Girders Fair 4 concrete slabs - 3rd slab has crack along entire span

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors Fair

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

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	repair riprap scour prior to heavy rains
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2	Medium	post bridge ahead signs
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3	Medium	brush approaches
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Item	Monitor Description	Frequency
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1	crack on 3rd slab	Routine Inspection
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2	scoured riprap	annual
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



potholes at approach



looking upstream



looking downstream



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



cantilevered abutment



Right Bank Abutment when facing downstream



riprap scour on left bank



crack along underside of 3rd slab - no apparent change