

CK-2165

LOST CREEK 2.2km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude
49°17'48.9"	-122°13'58.8"
Crossing Name	Murdo Creek
FSR #	8466
Branch #	1
Road Name	LOST CREEK
User km	2.2
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)	32.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°17'49.04"	-122°13'58.94"
HD Diff. (m)	5.2
Accuracy (m)	5

Inspection

Date of Inspection 2016-08-11 2:00:31 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Monitor minor steel delamination. Present load rating of L75 or 68 tonnes to continue.



16/02/2017

P.Eng Seal

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Approach

Alignment Fair

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 68040

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair minor delamination on right bank

Piles or Posts Good

Ballast Wall Good

Wing Wall Good only right bank

Bracing Good only right bank, left bank columns approx 300mm height

Hardware Good

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Fair

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 6 bolted bays

Bracing Good

Under Trussing N/A

Hardware Good

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)	0.8	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1 monitor delamination

Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



looking upstream from deck



Deck



look g downstream from deck



Approach from Right Bank when facing downstream



superstructure



bearing plates delaminating - typical right bank



indication that moisture is getting through deck joints



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream