

CK-2165

LOST CREEK 2.2km

2019 Inspection



CBR iPad Offline Ver 0.31

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
Previous 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°17'49.66"	-122°13'58.49"
HD Diff. (m)	24.2
Accuracy (m)	30
2.1	
L75 or 68 tonnes	

Inspection

Date of Inspection 2019-04-26 10:00:11 AM

Inspector Name Tyson Miller

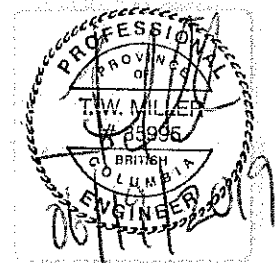
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Clean the bearing plates and girders at bearing locations. Replace delineators and post bridge ahead signs. Grade approaches. Monitor the steel delamination. The current load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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Approach

Alignment Good

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

Potholes at approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

0.3m pipe height left abutment

Ballast Wall Good

Wing Wall Good

Bracing Good

Only right abutment

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 6 bolted bays

Bracing Good

Under Trussing

Hardware Good

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Replace missing bridge ahead signs
2	Low	Clean bearing plates and girders at bearing locations
3	Low	Replace all delineators

Item	Monitor Description	Frequency
1	Steel delamination	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Potholes at left approach



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Minor delamination of bearing plates and bottom flange around bearing locations



Minor steel delamination of end plates



Left Bank Abutment when facing downstream



Splice plates



Concrete wingwall only at downstream locations



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Minor steel delamination on plan bracing