

CK-2174

MURDO 0.7km

2018 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°17'21.3"	-122°13'32.1"
Crossing Name	Side Creek
FSR #	8466
Branch #	2
Road Name	MURDO
User km	0.7
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)	11.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°17'21.51"	-122°13'31.79"
HD Diff. (m)	9.0
Accuracy (m)	10
L60 or 54 tonnes	

Inspection

Date of Inspection 2018-04-25 2:00:46 PM

Inspector Name Tyson Miller

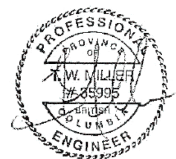
Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Brush approaches and monitor riprap scour noted at downstream left bank. Present load rating of L60 or 54 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC and VC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Fair

Rocks at left approach, logs at right

Posted Load Rating 54000

Road Surface Fair

Abutment

Log/Timber Cribs Fair 2x and up to 50mm sap rot

Tie Backs Fair 3x - up to 50mm sap rot

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Good Treated timbers

Wing Wall

Bracing

Hardware

Fill Good

Riprap Fair Scour noted at downstream left abutment

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks Fair

Sub Deck Fair

Ties Good

Nails Fair

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Fair Surface corrosion

Diaphragms Fair 4 welded bays

Bracing Fair

Under Trussing

Hardware

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)	5.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Brush approaches
2		
3		

Item	Monitor Description	Frequency
1	Downstream left bank riprap scour	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Indications of subdeck rot - cored and still in fair condition



Left Bank Abutment when facing downstream



Downstream left bank erosion



Right Bank Abutment when facing downstream



Upstream Profile



Superstructure