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	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	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 ( ) 2	
Delineator 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		

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)	

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	

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)

CK-2174 MURDO 0.7km 2018 Inspection

Approach from Left Bank when facing downstream

Looking upstream from deck

Deck

Looking downstream from deck

CK-2174 MURDO 0.7km 2018 Inspection

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