CK-2175	MURDO 1.2km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°17'39.4"	-122°13'35.6"

Crossing Name	Not Known
FSR #	8466
Branch #	2
Road Name	MURDO
User km	1.2
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)	10.4
Deck Width (m)	4.1

Updated Data

Latitude	Longitude
49°17'39.66"	-122°13'34.92"

HD Diff. (m)	15.8	Accuracy (m)	10

L60 or 54 tonnes

Inspection

Date of Inspection	2018-04-25 2:15:57 PM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Replace both left approach delineators with proper ones. Monitor the vertical crack noted on the downstream end of the top face log on the right bank - no apparent change from last inspection. Present load rating of L60 or 54 tonnes to continue.

P.Eng Seal

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Approach

Alignment	Fair	VC and HC at both approaches
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	N	
Delineator Missing Left	( ) 0 ( ) 1 (•) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Fair	
Posted Load Rating		
Road Surface	Fair	

Abutment

Log/Timber Cribs	Good	3x left bank, 4x right bank
Tie Backs	Good	3x
Bin Wall		
Concrete		
Caps or Sills		
Piles or Posts		
Ballast Wall	Good	Treated timbers
Wing Wall		
Bracing		
Hardware	Fair	Lashing
Fill	Fair	
Riprap	Fair	
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	3 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)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace both left side delineators with correct ones
2		
3		

Item	Monitor Description	Frequency
1	vertical crack on downstream end of top face log on right bank	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2175 MURDO 1.2km 2018 Inspection

Approach from Left Bank when facing downstream

Looking upstream from deck

Deck

Looking downstream from deck

CK-2175 MURDO 1.2km 2018 Inspection

Approach from Right Bank when facing downstream

Indication of rot on subdeck - cored and fair condition

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Superstructure

Vertical crack in crib log on right bank