CK-2007	ANDERSON SEVEN 0.1km	2018 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°43'35.5"	-121°21'52.4"

Crossing Name	Anderson River
FSR #	8074
Branch #	7
Road Name	ANDERSON SEVEN
User km	0.1
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Treated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	2
Total Length (m)	27.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°43'36.47"	-121°21'51.38"

HD Diff. (m)	36.4	Accuracy (m)	5

	Pile - Permanent Materials
	Pile - Permanent Materials
	1

Inspection

Date of Inspection	2018-08-22 12:57:05 PM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Replace log fenders, install bridge ahead signs, and brush approaches. Monitor the crib condition and bearings. The present load rating of L45 or 41 tonnes can continue.

P.Eng Seal

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Approach

Alignment	Fair	HC 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	Poor	The logs that are present are rotten
Posted Load Rating	41000	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	Log cribs only for fill retention. 450 - 800mm diameter face logs with up to 400mm heart rot as noted in larger logs at the ends. No signs of crushing of any face logs noted
Tie Backs		Heart rot noted in many, however no signs of crushing
Bin Wall		
Concrete		
Caps or Sills	Fair	H beam
Piles or Posts	Fair	4 H piles at each abutment
Ballast Wall	Fair	Part of large log crib with up to 200mm heart rot noted. No signs of distress
Wing Wall	Fair	Top log on downstream right abutment has horizontal crack - monitor condition
Bracing	Fair	
Hardware	NA	
Fill	Fair	Upstream left abutment scour extends 400mm behind crib and wingwall, however no signs of movement
Riprap	Fair	Upstream left abutment has large round boulders that are loose
Bearings	Unrated	No access to bearing locations
Corrosion Protection	Fair	

Deck

Running Surface		
Running Planks	Good	
Sub Deck	Good	Creosote
Ties	Good	Creosote
Nails	Good	
Deck to Girder Bolts	Good	
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders Fair

Diaphragms Fair

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)	0.8	High Water		Debris	X
Estimated Present Water Level Width (m)	9.0	Aggradation		Scour	
Estimated High Water Level Clearance (m)	3.0	Ice			

Comments: Some large debris noted upstream

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Brush with activity
2	Medium	Replace log fenders
3	Medium	Install bridge ahead signs

Item	Monitor Description	Frequency
1	Log crib condition	Routine Inspection
2	Bearing locations	Routine Inspection
3		

Sketch
(Select Signature)

CK-2007 ANDERSON SEVEN 0.1km 2018 Inspection

Approach from Left Bank when facing downstream

Load Rating Sign

Deck

Upstream from Crossing

CK-2007 ANDERSON SEVEN 0.1km 2018 Inspection

Downstream from Crossing

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Old bearing plates still visible

Upstream left approach crib condition

Superstructure

Right Bank Abutment when facing downstream