CK-2267	STAVE 17.8km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°32'37.89"	-122°17'42.4"

Crossing Name	Ole Creek
FSR #	8013
Branch #	1
Road Name	STAVE
User km	17.8
Previous Load Rating (tonnes)	10
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	13.5
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°32'37.99"	-122°17'42.4"

HD Diff. (m)	2.9	Accuracy (m)	5

10 tonnes

Inspection

Date of Inspection	2019-11-04 1:32:33 PM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	FLNRORD

Inspector Comments

Remove and replace

P.Eng Comments

Current load rating of 10 tonnes to continue. Due to the poor condition of the entire structure continue to monitor it while in use, and inspect after heavy precipitation events. Consider cleaning the inlet to increase hydraulic capacity. Post load rating signs. Plan to replace the structure soon.

P.Eng Seal

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Approach

Alignment	Fair	VC left approach
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Poor	None
Posted Load Rating		Not posted
Road Surface	Good	

Abutment

Log/Timber Cribs	Poor	Top face log on left bank cracked horizontally and vertically
Tie Backs	Poor	End splitting and rotten
Bin Wall		
Pier		
Concrete		
Caps or Sills		
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware	Poor	Loose lashing
Fill	Fair	
Riprap	Poor	None
Bearings	Poor	Left bank top face log cracked resulting in inconsistent bearing
Corrosion Protection		

Deck

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

Steel/Concrete

Girders	
Diaphragms	
Bracing	
Under Trussing	
Hardware	
Welded/grouted shear connectors	

Log

Log Curbs	Fair	
Needle Beam	Poor	Loose and ineffective
Needle Lashing/ Shimming	Poor	Loose and ineffective

Needle Beam to Crib (m) NA

Needle Diameter (mm) NA

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	0	High Water	X	Debris	X
Estimated Present Water Level Width (m)	0	Aggradation	X	Scour	X
Estimated High Water Level Clearance (m)	0	Ice			

Comments: Inlet 50% plugged

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Post load rating sign
2	High	Replace
3		

Item	Monitor Description	Frequency
1	Failure or washout	Annually
2		
3		

Sketch
(Select Signature)

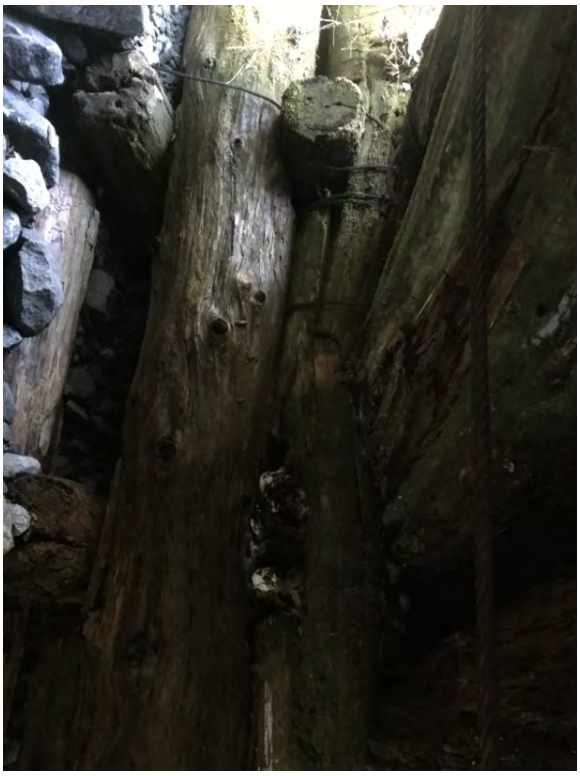
Upstream from Crossing

Approach from Right Bank when facing downstream

Downstream from Crossing

Deck

Stringers at surface



Top crib log at left bank cracked horizontally and vertically

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Upstream Profile

Stringers

Needle beam not functional