

CK-2267

STAVE 17.8km

2018 Inspection

CBR iPad Offline Ver 0.28



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		
Current 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°17'42.39"		
HD Diff. (m)	2.8	Accuracy (m)	5
10 tonnes			

Inspection

Date of Inspection 2019-01-15 12:36:44 PM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

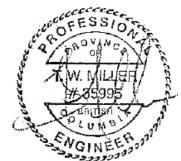
Inspection Company MFLNRO

Inspector Comments

Hydraulic capacity of structure limited due to bedload buildup at the inlet
Structure 40 meters upchain recently blown out and now a ford - same stream

P.Eng Comments

Current load rating of 10 tonnes to continue. Due to the poor condition of the structure 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.



05/02/2019

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

3 face logs left bank, 2 face logs right bank - collapsed top face log at left abutment

Tie Backs Poor

4x, rotten and splitting

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Poor

Loose lashing

Fill Fair

Riprap Poor

None

Bearings

Corrosion Protection

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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 Fair

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm) 100

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**Steel/Concrete**

Girders

Diaphragms

Bracing

Under Trussing

Hardware

NA

Welded/grouted
shear connectors**Log**

Log Curbs Fair

Needle Beam Poor Rotten and not shimmed tight to all stringers

Needle Lashing/
Shimming Poor Loose lashing and shims missing

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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No diameters recorded due to poor crib condition

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	8.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Bedload buildup on right side of structure between crib and needlebeam

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Post load rating sign

2

3

Item	Monitor Description	Frequency
1	Aggradation	Annually

2	Crib condition	Annually
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3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Inlet

Top face log on left bank vertically and horizontally cracked



Right Bank Abutment when facing downstream



Debris aggrading under bridge



Non functional needle beam



Downstream Profile