

CK-2262

STAVE 9.4km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°29'6.69"	-122°15'4.8"
Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE
User km	9.4
Previous Load Rating (tonnes)	30
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)	11
Deck Width (m)	4.5

Updated Data

Latitude	Longitude
49°29'6.77"	-122°15'4.84"
HD Diff. (m)	2.5
Accuracy (m)	5
10 tonnes	

Inspection

Date of Inspection 2019-11-04 11:04:36 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

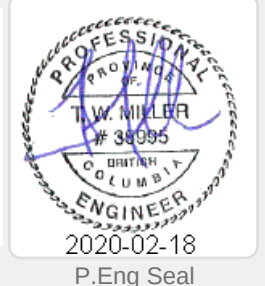
Inspection Company FLNRORD

Inspector Comments

Cannot assess under bridge due to beaver activity. Remove beaver dam. Limit loading until the crib and stringers can be properly assessed.

P.Eng Comments

Limit loading to 10 tonnes. Remove the dam and properly assess the condition of the crib and stringers. Replace the bridge soon. Post load rating signs.



2020-02-18

P.Eng Seal

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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

None

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

No portion of the abutments are accessible due to beaver activity and the resulting flooding

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

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

Gravel Depth (mm) **200**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Fair

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Condition

Comment

There are 2 layers of stringers on this structure. Neither layer is accessible for a proper assessment.

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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments Beaver activity has resulted in stream blockage. Stream flow is getting through but has caused significant flooding upstream of crossing

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Remove beaver dam
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2	High	Post load rating signs
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3		
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Item	Monitor Description	Frequency
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1		
---	--	--

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Downstream Profile



Beaver activity has resulted in almost complete blockage of stream



Stringers over stringers



Upstream Profile



Significant flooding upstream