

CK-2264

STAVE 11.9km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°30'13.39"	-122°15'52"
Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE
User km	11.9
Previous Load Rating (tonnes)	20
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)	7.5
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°30'13.06"	-122°15'51.68"
HD Diff. (m)	12.2
Accuracy (m)	5
20 tonnes	

Inspection

Date of Inspection 2019-11-04 11:41:43 AM

Inspector Name Tyson Miller

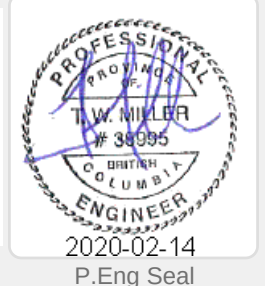
Recommended Next Inspection Year 2020

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

The structure continues to degrade. Fruiting bodies or conk are visible on the outside top layer of stringers (visible on downstream end). Without the top layer of stringers being visible for a more thorough inspection all stringers are assumed to be degrading similar to that of the outside ones. Limit loading to 20 tonnes and plan to replace the structure soon. Post load rating signs.



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Approach

Alignment Good

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 Cribbs Fair 3x face logs

Tie Backs Poor 4x with end splits and rot

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 Fair

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

Poor

Too shallow

Curb Rail/Blocks/Posts

Fair

Hand Rails/Walkouts

Hardware

Poor

None on the curb log

Overall Deck Condition

Poor

due to rail and limited gravel surface

Gravel Depth (mm)

100

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
1	Cw	Y	620	80	Fair	20mm sap and 20mm heart
2	Cw	Y	620	60	Fair	20mm sap and 10mm heart
3	Cw	Y	740	40	Fair	20mm sap
4	Cw	Y	580	50	Fair	25mm sap
5	Cw	Y	565	50	Fair	25mm sap rot
6	Cw	Y	530	60	Fair	30mm sap rot
7	Cw	Y	630	40	Fair	20mm sap rot
8	Cw	Y	580	40	Fair	20mm sap rot

Bottom layer of stringers

Use the asbuilt information for the top layer of stringers

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

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

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Running directly on stringer



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Stringers



Stringer 2



Stringer 4



Stringer 5



Top layer of stringers condition