

CK-2265

STAVE 12km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°30'15.9"	-122°15'57.8"
Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE
User km	12
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)	8.5
Deck Width (m)	5.2

Updated Data

Latitude	Longitude
49°30'16.02"	-122°15'58.85"
HD Diff. (m)	21.4
Accuracy (m)	5
10 tonnes	

Inspection

Date of Inspection 2019-11-04 12:21:25 PM

Inspector Name Tyson Miller

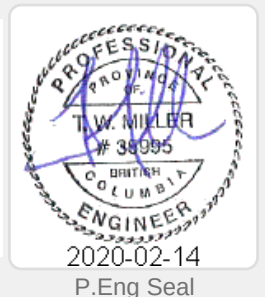
Recommended Next Inspection Year 2020

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). For the top layer of stringers, all of them are assumed to be degrading similar to that of the outside ones. Current load rating of 10 tonnes to continue and plan to replace the structure soon. Post load rating signs and place properly sized curb logs.



2020-02-14

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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 Poor Old and rotting, left bank splitting top face log

Tie Backs Poor End splits and saturated

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

Curb Rail/Blocks/Posts	Poor	Too small
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Hand Rails/Walkouts

Hardware	Poor	No rail hardware
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Overall Deck Condition	Poor	Due to rail and gravel deck thickness
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Gravel Depth (mm)	100
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Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Poor Too small

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	560	80	Fair	20mm sap and 20mm pocket
2	Cw	Y	790	40	Fair	20mm sap rot
3	Cw	Y	730	180	Fair	30mm sap rot
4	Cw	Y	720	120	Poor	20mm sap and 40mm pocket
5	Cw	Y	700	40	Fair	20mm sap rot
6	Cw	Y	860	140	Fair	20mm sap rot
7	Cw	Y	710	80	Fair	20mm sap and 20mm pocket

Bottom layer of stringers

Use asbuilt information for species and diameters for 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	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Post load rating sign
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2	High	Place properly sized curb logs
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



No guardrail



Upstream from Crossing



Downstream from Crossing



Running directly on stringer



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Evidence of stream flow at stringers



Stringers



Stringer 2



Stringer 4



Top layer of stringers



Top face log at left bank horizontal crack



Inlet aggradation