CK-2266	STAVE 15.8km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°31'51.6"	-122°16'40.3"

Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE
User km	15.8
Current 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)	8
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°31'51.69"	-122°16'40.41"

HD Diff. (m)	3.5	Accuracy (m)	5

30 tonnes

Inspection

Date of Inspection	2019-01-15 11:36:13 AM	Recommended Next Inspection Year	2019
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

This structure has 2 layers of stringers. The top layer cannot be inspected as they are blocked from view on the top and bottom.

P.Eng Comments

The current load rating of 30 tonnes can continue. Replace missing delineators. Post load rating signs and plan for a complete replacement soon.

05/02/2019

P.Eng Seal

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Approach

Alignment	Fair	VC limits visibility
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	Fair	Fair to poor - 2 face logs, open face with up to 50mm sap rot
Tie Backs	Fair	Fair to poor - 3x, end crack/splits
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		

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	Stringer visible at the road surface
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)	100	

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware NA

Welded/grouted shear connectors

Log

Log Curbs

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	Fd	Y	480	140	Poor	Fruiting bodies
2	Fd	Y	510	150	Poor	rotten
3	Fd	Y	730	30	Fair	Sap rot
4	Fd	Y	630	50	Fair	Sap rot
5	Fd	Y	500	30	Fair	Sap rot
6	Fd	Y	520	40	Fair	Sap rot
7	Fd	Y	560	30	Fair	Spa rot
8	Fd	Y	730	60	Poor	Fruiting bodies
9	Fd	Y	630	100	Poor	pocket rot detected
10	Fd	Y	600	100	Poor	pocket rot detected
11	Fd	Y	560	180	Poor	Fruiting bodies

Bottom stringers

Hazards

Estimated Present Water Level Depth (m) 0

Estimated Present Water Level Width (m) 0

Estimated High Water Level Clearance (m)

High Water ☐ Debris ☐

Aggradation ☒ Scour ☐

Ice ☐

Comments

Repairs and Monitoring

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

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2266 STAVE 15.8km 2018 Inspection

Approach from Right Bank when facing downstream

Upstream from Crossing

Deck

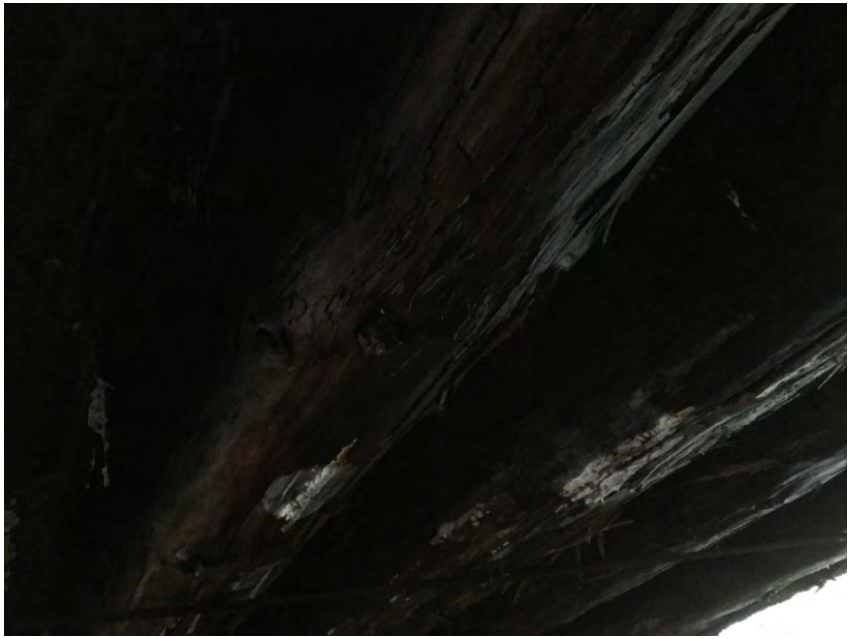
Downstream from Crossing

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Stringers



Stringers

Top layer of stringers visible from surface