

CK-2267
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STAVE 17.8km

2023 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°32'37.89"
Longitude -122°17'42.4"

Site Status Active

Insp. Status Inspect

Crossing Name Ole Creek

FSR # 8013 Branch # 1

Road Name STAVE

User km 17.8

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) 13.5

Deck Width (m) 5

Updated Data

Latitude 49°32'38.12"
Longitude -122°17'42.47"

HD Diff. (m) 6.9 Accuracy (m) 6

0 tonnes

Inspection

Date of Inspection 2023-07-10 1:00:16 PM

Inspector Name Cameron VandenBrink

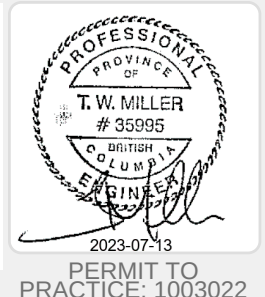
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd.

P.Eng Comments

0 tonnes load limit. Post load rating signs. Replace the entire structure.



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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 Upstream

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Poor-no fenders

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Crib

Poor - rotten and crushing. Left crib undermined and entirely exposed

Tie Backs

Poor - rotten

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Poor - loose

Fill

Riprap

Poor - no riprap. Right crib infilled and left fully undermined

Bearings

Poor - crushing

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface Poor - thin one stringer end is exposed

Curb Rail/Blocks/Posts Poor - rotten and to low

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor - Thin gravel deck

Gravel Depth (mm) 100 Estimated average.

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Poor - rotten and not high enough to be effective

Needle Beam Poor - rotten and loose lashing

Needle Lashing/
Shimming Poor - loose

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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Hazards

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

Comments 2 layers of stringers. Half plugged. Since previous inspection (2022) left crib has completely been undermined. Bearing sill crushing. Crib is now completely exposed. Structure requires replacement, it continues to degrade at a rapid pace. Downstream left bank is scouring, poses risk to structure if large boulders shift.

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Add Load Rating Signs. # sites. Priority:High	Install load rating signs
2 Structure. Curb Maintenance. # sites. Priority:High	Replace curbs for user safety

3

4

5

6

7

Item	Monitor Description	Frequency
1 Aggregation		Anually

2

3



Bridge deck, viewing to right approach



Bridge deck, viewing to left approach



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Left approach, stringer end visible



Curb upstream



Curb downstream



Left Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile