

CK-2260

STAVE 3.5km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°27'13.79"	-122°13'8.8"		
Crossing Name	Roaring Creek		
FSR #	8013	Branch #	1
Road Name	STAVE		
User km	3.5		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	21.3		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°27'14.06"	-122°13'8.94"		
HD Diff. (m)	8.6	Accuracy (m)	5

Inspection

Date of Inspection 2018-06-06 11:23:42 AM

Inspector Name Tyson Miller

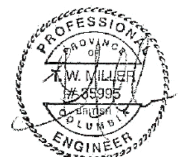
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Repair damage to ballast walls and deck panel. Brush approaches, post bridge ahead signs, and reattach bull nose to upstream left approach barrier. Present load rating of L75 or 68 tonnes to continue.



08/06/2018

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 Good

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Damage noted to top of both

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair** Damage noted to wheel path most likely attributed to tracked machinesGrout Pockets **Good**Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Rotten

Hand Rails/Walkouts

Hardware **Poor** Loose rail boltsOverall Deck Condition **Poor** Due to rail condition

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

Diaphragms Good 5 bolted bays

Bracing Good

Under Trussing

Hardware Good

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
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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	13.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|--------|--|
| 1 | Medium | Replace guardrail, risers and blocks |
| 2 | Medium | Repair damage to ballast walls and deck panels |
| 3 | Medium | Brush approaches and post bridge ahead signs |

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Damage noted to top of right ballast wall



Deck



Guardrail condition



Upstream from Crossing



Damage noted to left ballast wall and panel 1



Downstream from Crossing



Upstream left approach bullnose not attached



Approach from Left Bank when facing downstream



Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Superstructure