

SQ-3125

CHANCE CREEK 0.4km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°57'43.09"	-123°9'40.9"
Crossing Name	Lucile
FSR #	7704
Branch #	1
Road Name	CHANCE CREEK
User km	0.4
Previous Load Rating (tonnes)	62
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	8.9
Deck Width (m)	6.6

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5561741.3
Accuracy (m)	

Inspection

Date of Inspection 2019-09-18 10:59:24 AM

Inspector Name Richard Mills

Recommended Next Inspection Year

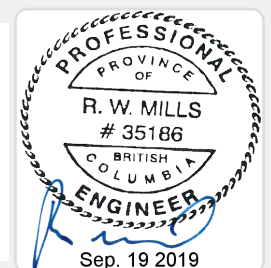
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Old fir stringers with advanced rot. Stringers 10, 11, 12 have cracks midspan. Downrated to 5 tonnes. Replace.
Update Sept 19, 2019: "Bridge closed" sign posted

P.Eng Comments

Load rated by: Richard Mills P.Eng. Sept 19, 2019
Load Rating: Bridge condemned
Next Inspection: 2020
Comments: Bridge condemned. Block access and advise road users.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor Missing

Posted Load Rating 62

Road Surface Poor Large pothole on deck

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Fair

Bearings Fair

Corrosion Protection N/A

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**Deck**

Running Surface	Poor	Large pothole on deck
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Poor	Old rotten logs
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Poor	Large pothole
Gravel Depth (mm)	400	
Pier Deck		

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Steel/Concrete

Girders N/A

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs Poor Rotten

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			20		
2	Fd			100		
3	Fd			30		
4	Fd			100		
5	Fd			20		
6	Fd			20		
7	Fd			20		
8	Fd			20		
9	Fd			20		
10	Fd			100		Cracked midspan
11	Fd			50		Cracked midspan
12	Fd			100		Cracked midspan, conk
13	Fd			30		
14	Fd			30		

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Hazards

Estimated Present Water Level Depth (m)

High Water ☐Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m)

Ice ☐

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1

2

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)

Superstructure



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Stringer 12 - cracked midspan



Stringer 12 - conk



Inlet



Stringer 11 cracked



Stringer 12 - cracked midspan



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Stringer 10 crack



Stringer 10 crack

