

QC-7909

Lawn North 8.4km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°24'25.2" Longitude -131°58'14"

Crossing Name Unkown

FSR # 10118 Branch # 01

Road Name Lawn North

User km 8.4

Current Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable Y

Superstructure Steel Box Beam

Deck Type Steel

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 12.2

Deck Width (m) 4.88

Updated Data

Latitude 53°24'24.33" Longitude -131°58'13.78"

HD Diff. (m) 27.1 Accuracy (m) 5

Inspection

Date of Inspection 2018-09-18 10:59:12 AM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate None.

ASP on single sills on rock fill is in fair condition. Poor bearing on both abutments.
Ballast wall logs protruding into road surface creating a "speed bump". Consider cutting these down.

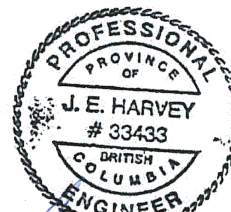
P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Shim with steel or wood shims between portable and abutment



February 6 2019

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Approach

Alignment Fair

Bridge Ahead Signs
Missing 0 • 1 2

Brushing Required N

Delineator Missing
Left 0 • 1 2

Delineator Missing
Right • 0 1 2

Fender Condition Fair

Posted Load Rating 0 Not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair Single Cw sills, poorly cut bearing faces.

Piles or Posts N/A

Ballast Wall Fair Top log protrudes into running surface.

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Fair

Bearings Poor Poor bearing faces cut into sills, uneven bearing.

Corrosion Protection Fair

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Deck

Running Surface	Good
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	Good
Steel Deck Plate	Good
Gravel Surface	N/A
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	N/A
Hardware	Fair
Overall Deck Condition	Fair
Gravel Depth (mm)	0

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Steel/ConcreteGirders **Good**Diaphragms **N/A**Bracing **N/A**Under Trussing **N/A**Hardware **N/A**Welded/grouted
shear connectors **N/A****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)	1.4	High Water	Debris
Estimated Present Water Level Width (m)	2.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.3	Ice	

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 Medium Uneven bearing surfaces. Shim with steel or wood shims, or remove structure and recut sill logs flat to create an even bearing surface, reinstall structure. Reduce size of top ballast wall log when reinstalling.

2

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)