

QC-7803

LOON SOUTH FSR 2.8km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude

Longitude

53°42'26.39"

-132°6'5.72"

Crossing Name Purdy Creek

FSR # 9419 Branch # 09

Road Name LOON SOUTH FSR

User km 2.8

Current Load
Rating (tonnes) 91

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete

Abutment Left Pile -Permanent Materials

Abutment Right Pile -Permanent Materials

Spans 1

Total Length (m) 22

Deck Width (m) 4.8

Updated Data

Latitude

Longitude

53°42'26.4"

-132°6'5.64"

HD Diff. (m) 1.5 Accuracy (m) 5

Inspection

Date of Inspection 2018-09-18 1:54:22 PM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2021

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate

Non-comp Bridge in good overall condition. Replace timber guard rails as they are rotten and leaning away from deck.

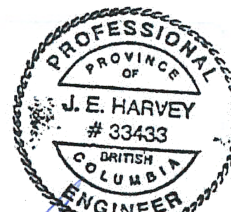
P.Eng Comments

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

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2021

Comments: Replace timber blocks, risers and guard rails prior to industrial activity. Brush approaches and across deck, replacing missing delineator.

February 6 2019
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 LH missing

Fender Condition Poor None. All have been knocked off.

Posted Load Rating 90 Right approach sign is damaged.

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good Steel

Piles or Posts Good Pile or concrete pad and post

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap N/A

Bearings Good Bearing sandwiches on steel cap beam

Corrosion Protection Good

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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	Good	
Concrete Deck	Good	Covered in mud and debris.
Grout Pockets	N/A	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotten and leaning heavily.
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)	0	

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Steel/ConcreteGirders **Good**Diaphragms **Good**Bracing **Good**Under Trussing **N/A**Hardware **Good**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)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

- | | | |
|---|------|---|
| 1 | High | Reposition approach barriers. |
| 2 | High | Replace timber blocks, risers and guard rails prior to industrial activity. |
| 3 | High | Brush approaches and across deck, replacing missing delineator. |

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)