

QC-7837

LOON SOUTH FSR 4.8km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°41'41.39"	-132°5'36.5"
Crossing Name	Unnamed Creek
FSR #	9419
Branch #	09
Road Name	LOON SOUTH FSR
User km	4.8
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)	4.9

Updated Data

Latitude	Longitude
53°41'41.12"	-132°5'36.83"
HD Diff. (m)	10.5
Accuracy (m)	5

Inspection

Date of Inspection 2018-09-18 1:11:38 PM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate TCH-0705

12.2m ASP is in good condition. Bearing concern on Left abutment, sill log does not appear to be cut flat.

Bridge ahead sign on Camp approach has fallen off the post and is laying at the base.

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: Reinstalled bridge ahead sign. Add cedar shims between portable and log sill to fill any gaps



February 6 2019

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Approach

Alignment **Poor**

Horizontal curve on Left approach.

Bridge Ahead Signs
Missing

• 0

1

2

Left approach dismantled and laying at base of post

Brushing Required **N**Delineator Missing
Left

• 0

1

2

Delineator Missing
Right

• 0

1

2

Fender Condition **Good**Posted Load Rating **90**Road Surface **Fair**

Abutment

Log/Timber Cribs **Fair**

Right side is 2 high crib

Tie Backs **Fair**Bin Wall **N/A**Concrete **N/A**Caps or Sills **Fair**

Left abutment single sill on rock fill.

Piles or Posts **N/A**Ballast Wall **Good**Wing Wall **N/A**Bracing **N/A**Hardware **N/A**Fill **Good**Riprap **Fair**Bearings **Poor**

Left side sill does not appear to be cut flat. Structure bears unevenly onto sill log.

Corrosion Protection **N/A**

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Deck

Running Surface	N/A	
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	Some damage to downstream right abutment end, still functioning ok.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Good	
Gravel Depth (mm)	0	

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Steel/ConcreteGirders **Good**Diaphragms **N/A**Bracing **N/A**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)	3.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.5	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Remove structure and cut Left abutment sill log flat, to a minimum of 400mm wide, to allow bearing plates of bridge to bear evenly onto sill log.
2	Low	Reinstalled bridge ahead sign.

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Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)