

QC-7005

HONNA-STANLEY FSR 4.8km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
53°16'30.69"	-132°9'6.2"		
Crossing Name	Not Known		
FSR #	8468	Branch #	1
Road Name	HONNA-STANLEY FSR		
User km	4.8		
Current Load Rating (tonnes)	36		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	7.3		
Deck Width (m)	5		

Updated Data

Latitude	Longitude		
53°16'29.39"	-132°9'6.26"		
HD Diff. (m)	40.4	Accuracy (m)	5

Inspection

Date of Inspection 2016-09-06 8:52:33 AM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

The left abutment bottom face log is scoured out along almost entire length with the log occasionally supported on small rocks. No crushing or distress noted. Reinstate bearing at base of log and review load posting prior to repair. Error in App, subtract one for actual stringer number.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, January 5, 2017

Load Rating: 36 Tonnes GVW

Next Inspection: September 1, 2018

Comments:

P.Eng Seal

Approach

Alignment **Poor** Bridge is at tight corner.

Bridge Ahead Signs
Missing 0 1 2

Brushing Required **Y** Brush starting to obscure bridge.

Delineator Missing
Left 0 1 2 Upstream delineator missing.

Delineator Missing
Right 0 1 2 Small delineator at upstream corner.

Fender Condition **Poor** No fenders in place.

Posted Load Rating **36** Left approach sign missing.

Road Surface **Poor** Large potholes in approach.

Abutment

Log/Timber Cribs **Poor** Log cribs at both abutments. Left abutment bottom face log is scoured out along almost entire length with the log occasionally supported on small rocks. No signs of distress.

Tie Backs **Fair** Minor sap rot.

Bin Wall **N/A**

Concrete **N/A**

Caps or Sills **N/A**

Piles or Posts **N/A**

Ballast Wall **N/A**

Wing Wall **N/A**

Bracing **N/A**

Hardware **Fair** Deck hardware: curb logs lashed at mid span.

Fill **Good**

Riprap **Good** Rip rap in front of right abutment.

Bearings **N/A**

Corrosion Protection **N/A**

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Deck

Running Surface	Poor	Large potholes in approach.
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	Poor	Large pothole.
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	N/A	Abutment hardware: no lashing.
Overall Deck Condition	Poor	Large pothole in deck.
Gravel Depth (mm)	0.6	



Steel/Concrete

Serial/ID Plate

Girders N/A

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Good Superstructure hardware: stringers lashed at abutments.

Welded/grouted shear connectors N/A

Log

Log Curbs Fair Vegetation growing along length of logs.

Needle Beam Fair

Needle Lashing/Shimming Fair Lashing is tight. Shims missing in a couple of locations.

Needle Beam to Crib (m) 2.6 Needle Diameter (mm) 550

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
2	Cw	Y	520	20	Fair	Sap rot.
3	Cw	Y	630	25	Fair	Sap rot. Notched. Damaged section - sound.
4	Cw	Y	520	10	Fair	Sap rot.
5	Cw	Y	580	20	Fair	Sap rot.
6	Cw	Y	520	25	Fair	Sap rot.
7	Cw	Y	610	20	Fair	Sap rot.
8	Cw	Y	470	25	Fair	Sap rot.
9	Cw	Y	590	20	Fair	Sap rot.
10	Cw	Y	510	15	Fair	Sap rot.
11	Cw	Y	700	10	Fair	Sap rot. Notched. Large knot.
12	Cw	Y	530	25	Fair	Sap rot.

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	2	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	1	Ice	<input type="checkbox"/>		

Comments Left abutment bottom face log is scoured out along almost entire length with the log occasionally supported on small rocks that bear on bedrock.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Reinstate bearing at bottom of left abutment crib. Review load posting prior to repair.
2	Medium	Install bridge ahead signs, missing delineator and missing load posting sign. Consider installing fenders. Fill potholes in deck and approach. Brush approaches.
3		

Item	Monitor Description	Frequency
1	Monitor scour at base of left abutment crib.	Anually
2		
3		

Sketch
(Select Signature)