

QC-7003

HONNA-STANLEY FSR 0.7km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

**CBR Data**

Latitude	Longitude		
53°14'42.9"	-132°9'38.2"		
Crossing Name	Not Known		
FSR #	8468	Branch #	1
Road Name	HONNA-STANLEY FSR		
User km	0.7		
Current Load Rating (tonnes)	5		
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)	5.3		
Deck Width (m)	10		

**Updated Data**

Latitude	Longitude		
53°14'43.21"	-132°9'38.48"		
HD Diff. (m)	10.8	Accuracy (m)	5

**Inspection**

Date of Inspection 2016-09-05 3:18:55 PM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Bridge is posted for 5 tonnes with stringers previously identified as undersized. Replace structure and install new load posting signs in the interim period. Error in App, subtract one for actual stringer number.

P.Eng Comments

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

Load Rating: 5 Tonnes GVW

Next Inspection: September 1, 2018

Comments: Replace load limit signs



P.Eng Seal

## Approach

Alignment Good

 Bridge Ahead Signs  
Missing  0  1  2

Brushing Required Y

 Delineator Missing  
Left  0  1  2

 Delineator Missing  
Right  0  1  2

Fender Condition Poor No fenders in place.

Posted Load Rating 5 Left sign damaged. Right sign not visible from road.

Road Surface Poor Potholes in approaches.

## Abutment

Log/Timber Cribs Poor Fair to poor. Log cribs at both abutments. Minor sap rot. Cracking noted at notches in face logs at several locations.

Tie Backs Fair Minor sap rot, and some heart 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 N/A Deck hardware: no curb log lashing.

Fill Good

Riprap N/A No rip rap in place. No scour noted.

Bearings N/A

Corrosion Protection N/A

**Deck**

Running Surface	Poor	Potholes in approaches.
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	Potholes in deck.
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	N/A	Abutment hardware: no lashing.
Overall Deck Condition	Poor	No curb logs and potholes in deck.
Gravel Depth (mm)	500	

**Steel/Concrete**

Serial/ID Plate

Girders N/A

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Fair Superstructure hardware: lashed at abutments.

Welded/grouted shear connectors N/A

**Log**

Log Curbs Poor No curb logs in place.

Needle Beam N/A

Needle Lashing/ Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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2	Cw	Y	410	30	Fair	Sap rot.
3	Cw	Y	450	20	Fair	Sap rot.
4	Cw	Y	500	15	Fair	Sap rot.
5	Cw	Y	340	20	Fair	Sap rot.
6	Cw	Y	440	20	Fair	Sap rot.
7	Cw	Y	435	30	Fair	Sap rot.
8	Cw	Y	380	25	Fair	Sap rot.
9	Cw	Y	455	20	Fair	Sap rot.
10	Cw	Y	525	5	Fair	Sap rot.
11	Cw	Y	430	25	Fair	Sap rot.
12	Cw	Y	455	10	Fair	Sap rot.
13	Cw	Y	435	25	Fair	Sap rot. Large knot.
14	Cw	Y	460	15	Fair	Sap rot.
15	Cw	Y	390	20	Fair	Sap rot. Several knots.
16	Cw	Y	485	10	Fair	Sap rot. Several knots.
17	Cw	Y	465	20	Fair	Sap rot. Several knots.

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### Hazards

Estimated Present Water Level Depth (m)	0.4	High Water	<input type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	4	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	1.2	Ice	<input type="checkbox"/>		

Comments Beaver dam at downstream end.

### Repairs and Monitoring

#### Repair

Item	Priority	Repair Description
1	High	Replace bridge and install new load posting signs in the interim period.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch  
(Select Signature)