

QC-7021

HONNA-STANLEY FSR 4.9km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude		
53°16'30.2"	-132°9'6.8"		
Crossing Name	Unknown		
FSR #	8468	Branch #	1
Road Name	HONNA-STANLEY FSR		
User km	4.9		
Current Load Rating (tonnes)	150		
Structure Class	Woodbox/Log Culvert		
Portable	N		
Superstructure			
Deck Type			
Abutment Left			
Abutment Right			
Spans	0		
Total Length (m)	15		
Deck Width (m)			

Updated Data

Latitude	Longitude		
53°16'30.36"	-132°9'4.12"		
HD Diff. (m)	49.8	Accuracy (m)	5
Log Stringer			
Gravel			
Crib, Log or Untreated Timber			
Crib, Log or Untreated Timber			
1			
4.5			
3.6			

Inspection

Date of Inspection 2015-09-28 2:57:48 PM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Stringers not accessible for detailed inspection. Cedar stringers in good condition. Average stringer diameter 600mm.

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015

Load Rating: L165 or 150 tonnes

Next Inspection: Sept 1, 2017

Comments: Monitor scour under sill logs. Patch potholes in deck.

P.Eng Seal

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Approach

Alignment **Good**

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** 3 of 4 are of undersized diameter logs

Posted Load Rating **150000**

Road Surface **Good**

Abutment

Log/Timber Cribs **Good** 1m diameter cedar

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap **Poor** scour occurring under left bank sill log at downstream end

Bearings

Corrosion Protection

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Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	log Guardrails, undersized diameter
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Good	
Gravel Depth (mm)	2.0	

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

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

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	3.0	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0.5	Ice	<input type="checkbox"/>		

Comments scour occurring under left bank sill log on downstream end

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|-----|---------------------------------------|
| 1 | Low | Replace missing delineator |
| 2 | Low | Re-surface or patch pot holes in deck |
| 3 | | |

Item	Monitor Description	Frequency
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- | | | |
|---|-----------------------------------|----------|
| 1 | monitor for scour under sill logs | Annually |
| 2 | | |
| 3 | | |

Sketch
(Select Signature)



Upstream Profile



Approach from Right Bank when facing downstream



Downstream Profile



Approach from Left Bank when facing downstream