QC-7021	HONNA-STANLEY FSR 4.9km	2017 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
53°16'30.29"	-132°9'4.1"

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)	5
Deck Width (m)	

Updated Data

Latitude	Longitude
53°16'30.85"	-132°9'5.23"

HD Diff. (m)	26.9	Accuracy (m)	5

Superstructure	Log Stringer
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	4.7
Deck Width (m)	4

Inspection

Date of Inspection	2017-09-14 10:47:15 AM	Recommended Next Inspection Year	2018
Inspector Name	Mitch Lowe	Inspection Company	Onsite Engineering Ltd

Inspector Comments

Overall fair condition other than some minor monitoring items with the abutments.

Stingers are measured from downstream to upstream.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017
Load Rating: 150 Tonnes GVW
Next Inspection: September 1, 2019
Comments:

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	Good
Posted Load Rating	
Road Surface	Good

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Poor	Downstream river left mudsill has rolled free and end of sill is no longer supported.
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill		
Riprap	Fair	
Bearings	Good	
Corrosion Protection		

Deck

Running Surface		
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface	Fair	3m+ of gravel fill.
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)	3000	

Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs Fair

Needle Beam

Needle Lashing/ Shimming

Needle Beam to Crib (m)			Needle Diameter (mm)			
Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	N	710	30	Fair	
2	Cw	N	600	10	Fair	
3	Cw	N	540	10	Fair	
4	Cw	N	490	10	Fair	
5	Cw	N	500	10	Fair	
6	Cw	Y	660	20	Fair	Appears to have been reused.
7	Cw	N	600	10	Fair	
8	Cw	Y	630	10	Fair	
9	Cw	Y	390	10	Fair	
10	Cw	Y	530	10	Fair	
11	Cw	Y	740	10	Fair	
12	Cw	N	650	10	Fair	
13	Cw	N	650	10	Fair	

Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	x	Debris	
Estimated Present Water Level Width (m)	5	Aggradation		Scour	x
Estimated High Water Level Clearance (m)	0	Ice			

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1	Monitor downstream left side abutment following high flow events.	Anually
2		
3		

Sketch
(Select Signature)