

QC-7021

HONNA-STANLEY FSR 4.9km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°16'30.9" Longitude -132°9'5.2"

Crossing Name Unknown

FSR # 8468 Branch # 01

Road Name HONNA-STANLEY FSR

User km 4.9

Previous Load Rating (tonnes) 150

Structure Class Woodbox/Log Culvert

Portable N

Superstructure

Deck Type

Abutment Left

Abutment Right

Spans 0

Total Length (m) 4.7

Deck Width (m)

Updated Data

Latitude 53°16'30.7" Longitude -132°9'4.45"

HD Diff. (m) 15.2 Accuracy (m) 30

Log Stringer

Gravel

Crib, Log or Untreated Timber

Crib, Log or Untreated Timber

1

4.7

4.0

Inspection

Date of Inspection 2019-09-10 7:49:01 AM

Inspector Name Lindsey McGill

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate None present

WBC in better condition than it looks from road surface. Sills are scoured but appear stable and are bearing on bedrock.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 11, 2020

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2021

Comments:



P.Eng Seal

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Approach

Alignment Fair

On wide sweeping corner.

Bridge Ahead Signs

Missing

☐ 0☒ 1☐ 2

Brushing Required

N

Delineator Missing

Left

☐ 0☒ 1☐ 2

Delineator Missing

Right

☒ 0☐ 1☐ 2

Fender Condition

Poor

Guidelogs and brow logs are quite rotten.

Posted Load Rating

Road Surface

Fair

Abutment

Log/Timber Cribs

Fair

Single cedar sills, actively being scoured but stable.

Tie Backs

N/A

Bin Wall

N/A

Pier

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

Fill

Fair

Deep fills

Riprap

Fair

Limited riprap as channel is bedrock controlled.

Bearings

N/A

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	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	Narrow running deck, only 4m wide
Curb Rail/Blocks/Posts	Poor	Brow logs and guidelogs quite rotten and require replacement.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	2000	
Pier Deck		

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Poor Rotten brow logs and guidelogs.

Needle Beam N/A

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	730	15	Fair	Outside bark
2	Cw	N	660	15	Fair	Outside bark
3	Cw	N	785	15	Fair	Outside bark
4	Cw	N	650	15	Fair	Outside bark
5	Cw	N	385	10	Fair	Outside bark
6	Cw	N	615	15	Fair	Outside bark
7	Cw	N	605	15	Fair	Outside bark
8	Cw	N	630	15	Fair	Outside bark
9	Cw	N	480	15	Fair	Outside bark
10	Cw	N	575	15	Fair	Outside bark
11	Cw	N	545	15	Fair	Outside bark
12	Cw	N	610	15	Fair	Outside bark
13	Cw	N	610	15	Fair	Outside bark
14	Cw	N	715	15	Fair	Outside bark

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Hazards

Estimated Present Water Level Depth (m)	.15	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	3.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	.4	Ice	☐		

Comments Inlet partially plugged with debris.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace guidelogs and brow logs o along road surface.

2	Medium	Install signage and replace missing delineators
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3		
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Item	Monitor Description	Frequency
1	Monitor scour under both sills	Routine Inspection

2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing

Channel bedrock, 5m upstream of bridge.



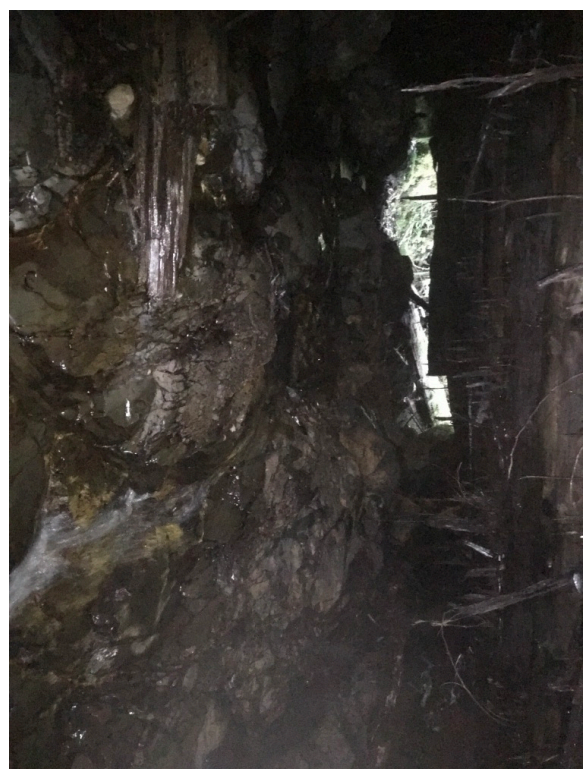
Chainage



Typical stringer condition



Upstream Profile



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Upstream under wbc.

Stringer #5



Downstream Profile



Structure ID

