

QC-7004

HONNA-STANLEY FSR 1.7km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°15'12.09" Longitude -132°9'23.7"

Crossing Name Turundle Creek

FSR # 8468 Branch # 01

Road Name HONNA-STANLEY FSR

User km 1.7

Previous Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Removable

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 19.2

Deck Width (m) 4.9

Updated Data

Latitude 53°15'11.97" Longitude -132°9'23.72"

HD Diff. (m) 4.1 Accuracy (m) 5

4.88

Inspection

Date of Inspection 2019-09-10 8:37:43 AM

Recommended Next Inspection Year 2022

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate 'MBS 63ft, #829, L100, 08/01'

Guardrails still have some firm wood at centres but heavy rot on outer edges. No lag bolts in bearing plates and one missing tie clip under downstream deck panel.

P.Eng Comments

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

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2022

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 Poor

Guardrails need replacement prior to industrial activity

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Fair

Two high lock block abutments set back from original log cribs. George is visible between

Caps or Sills Fair

Untreated timber do not appear pinned to lock blocks

Piles or Posts N/A

Ballast Wall Fair

Timbers secured by gravity alone

Wing Wall N/A

Bracing Fair

Bolted

Hardware Fair

Fill Good

Riprap Good

Bearings Fair

No lag bolts, gravity connection only. No signs of movement

Corrosion Protection N/A

Typical pitting and corrosion visible.

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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

Concrete Deck Fair Minor chipping

Grout Pockets N/A

Deck Joints Fair Minor chipping

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Guardrails need replacement prior to industrial activity

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Typical pitting and corrosion.

Diaphragms N/A

Bracing Fair

Bolted

Under Trussing N/A

Hardware Fair

One tie clip missing on downstream side of bridge

Welded/grouted
shear connectors N/A**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

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Hazards

Estimated Present Water Level Depth (m)	.25	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments Limited clearance but no signs of debris impact or scour.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace guardrails in 2 years or less.
2	Medium	Add missing tie clip
3	Medium	Attach lag bolts on bearing plates

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Guard Rail





Approach from Left Bank when facing downstream



Ballast timber connection



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Missing tie clip



Downstream Profile



Bearing



Upstream Profile

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Deck



Structure ID



Deck

