

QC-7001

HONNA MAIN 1.7km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude 53°15'9.6" Longitude -132°8'17.2"

Crossing Name Turundle Creek

FSR # 8468 Branch # 2

Road Name HONNA MAIN

User km 1.7

Current Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 24

Deck Width (m) 3.8

Updated Data

Latitude 53°15'10.34" Longitude -132°8'15.24"

HD Diff. (m) 42.7 Accuracy (m) 5

Inspection

Date of Inspection 2015-09-28 1:04:14 PM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Nov 27, 2015

Load Rating: L100 or 91 tonnes

Next Inspection: Sept 1, 2018

Comments: Replace guardrails and running planks.



P.Eng Seal



Approach

Alignment Fair short radius turn off right bank approach

Bridge Ahead Signs Missing 0 1 2

Brushing Required Y brush encroaching on structure

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition Good no- post barriers

Posted Load Rating 91

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good cast in place footings

Ballast Wall Good treated timber ballast walls

Wing Wall

Bracing

Hardware

Fill Good

Riprap N/A bedrock stream banks

Bearings Good

Corrosion Protection

Deck

Running Surface	Fair	
Running Planks	Poor	Replace running planks, 2x12 timbers
Sub Deck	Good	found to be sound
Ties	Good	found to be sound
Nails	Poor	Running plank nail heads exposed
Deck to Girder Bolts	Good	
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Guardrails and blocks at end of service life. Replace
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders **Good**

Diaphragms **Good**

Bracing **Good**

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

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	8	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	3.2	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace running planks

2	High	Replace Guardrails and blocks
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3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)

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Upstream Profile



Downstream Profile



Left Bank Abutment when facing downstream



Deck

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream