

QC-7031

MORESBY 6.5km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

**CBR Data**

Latitude	Longitude		
53°4'28.49"	-132°4'20.4"		
Crossing Name	28A		
FSR #	10308	Branch #	1
Road Name	MORESBY		
User km	6.5		
Current Load Rating (tonnes)	150		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	4		
Deck Width (m)	4.88		

**Updated Data**

Latitude	Longitude		
53°4'29.52"	-132°4'18.36"		
HD Diff. (m)	49.3	Accuracy (m)	5

**Inspection**

Date of Inspection 2016-09-06 1:59:54 PM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Bridge is generally in good condition with typical maintenance required. Gaps exist between the timber sill and slab girders, and between the timber sill and lock blocks. Shims should be installed at these locations.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, January 5, 2017

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2019

Comments:



P.Eng Seal

## 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 No fenders in place. Small drop to creek.

Posted Load Rating No load posting sign in place.

Road Surface Fair

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair Lock block abutments.

Caps or Sills Poor Timber sills in fair condition. Gap between sills and slabs. Some shims installed at right abutment. No signs of crushing or distress.

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware Good

Fill Good

Riprap N/A No rip rap. No scour noted.

Bearings N/A

Corrosion Protection N/A

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## Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Light wear.
Grout Pockets	N/A	
Deck Joints	N/A	No rubber joints.
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Good	
Gravel Depth (mm)		

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**Steel/Concrete**

Serial/ID Plate L165 Manufactured 07/98.

Girders Good Two concrete slab girders.

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors N/A

**Log**

Log Curbs N/A

Needle Beam N/A

Needle Lashing/ Shimming N/A

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)	0.5	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	3	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	0.9	Ice	<input type="checkbox"/>		

Comments Bridge spans channel connecting ponds on the upstream and downstream sides.

**Repairs and Monitoring**

Repair

Item	Priority	Repair Description
1	Medium	Install shims where gap exists between girders, sills and lock blocks at both abutments. Clear debris from deck. Consider installing fenders.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch  
(Select Signature)