

QC-7030

MORESBY 6.4km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
53°4'32.59"	-132°4'21.2"		
Crossing Name	27A		
FSR #	10308	Branch #	1
Road Name	MORESBY		
User km	6.4		
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°4'31.56"	-132°4'18.25"		
HD Diff. (m)	63.6	Accuracy (m)	5

Inspection

Date of Inspection 2016-09-06 2:28:22 PM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Bridge is generally in good condition with typical maintenance required. Scour noted at downstream corner of right abutment, extending along 1 m of abutment. Fill scour hole and monitor location for future scour.

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 Y Upstream side obscured by vegetation.

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. Scour under right abutment downstream lock block extending along 1 m of abutment.

Caps or Sills Fair Timber sills at both abutments. Localized mould at downstream corner of left sill - sound.

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 in place.

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	
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)	0.1	High Water	<input type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	2	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	1.3	Ice	<input type="checkbox"/>		

Comments Scour under lock block at right abutment downstream corner, extends 1 m along abutment. Lock blocks supported by large rocks. Small beaver dam at upstream side.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Fill scour hole under downstream corner of right abutment.

2 Medium Clear debris from deck and brush upstream right approach. Consider installing fenders.

3

Item	Monitor Description	Frequency
1	Monitor abutments for scour.	Routine Inspection

2

3

Sketch
(Select Signature)