

QC-7027

MORESBY 4.5km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
53°5'27.6"	-132°3'57.5"		
Crossing Name	19A		
FSR #	10308	Branch #	1
Road Name	MORESBY		
User km	4.5		
Current Load Rating (tonnes)	136		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	6		
Deck Width (m)	5		

Updated Data

Latitude	Longitude		
53°5'26.26"	-132°3'54.29"		
HD Diff. (m)	72.6	Accuracy (m)	5

Inspection

Date of Inspection 2016-09-06 3:43:49 PM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

New bridge generally in good condition, however curb logs are too small and provide limited containment. Install curb logs that will provide effective containment. Dry creek, upstream assumed to be on right hand side when facing up chainage. Error in App, subtract one for actual stringer number.

P.Eng Comments

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

Load Rating: 136 Tonnes GVW

Next Inspection: September 1, 2018

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

 Fender undersized at right approach downstream corner and missing at upstream side.
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 N/A

Caps or Sills Good

Sill logs at both abutments.

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware Good

Deck hardware: curb logs lashed.

Fill Good

Riprap Fair

Some material at both abutments.

Bearings N/A

Corrosion Protection N/A

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	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	Small potholes.
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	N/A	Abutment hardware: no lashing.
Overall Deck Condition	Poor	Curb logs are too small and provide limited containment.
Gravel Depth (mm)	600	



Steel/Concrete

Serial/ID Plate

Girders N/A

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware Good Superstructure hardware: stringers lashed.

Welded/grouted shear connectors N/A

Log

Log Curbs Poor Curb logs are too small and provide limited containment. Timbers bolted to top of curb logs.

Needle Beam N/A

Needle Lashing/ Shimming N/A

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)		
	Species	Peeled		Rot Depth (mm)	Condition	Comment
2	Cw	Y	670	0	Good	New log. Large knot.
3	Cw	Y	720	0	Good	New log. Large knot.
4	Cw	Y	670	0	Good	New log.
5	Cw	Y	880	0	Good	New log.
6	Cw	Y	730	0	Good	New log.
7	Cw	Y	710	0	Good	New log.
8	Cw	Y	760	0	Good	New log.
9	Cw	Y	900	0	Good	New log.
10	Cw	Y	740	0	Good	New log.
11	Cw	Y	670	0	Good	New log.



Hazards

Estimated Present Water Level Depth (m)	0	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	0	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	0.5	Ice	<input type="checkbox"/>		

Comments Dry creek at time of inspection. Opening 1 m at upstream and 1 m at downstream.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Install curb logs that will provide effective containment.
2	Medium	Consider installing fenders.
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)