

QC-7028

MORESBY 5.5km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
53°4'51.7"	-132°4'14.1"
Crossing Name	25A
FSR #	10308
Branch #	1
Road Name	MORESBY
User km	5.5
Current Load Rating (tonnes)	150
Structure Class	Permanent 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°4'51.53"	-132°4'14.05"
HD Diff. (m)	5.4
Accuracy (m)	10

Inspection

Date of Inspection 2017-09-12 2:01:19 PM

Inspector Name Mitch Lowe

Inspector Comments

No issues.

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering Ltd

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Unrated

No approach barriers, but Road does not narrow and structure is less than a 6m span.

Posted Load Rating

Road Surface Fair

Pot holes on both approaches.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Poor

Two high lock blocks with no concrete pad. Both abutments appear to be leaning inwards. Possibly due to lack of pad and scour potential.

Caps or Sills Fair

8x12 timber sills.

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Fair

Fill

Riprap

Bearings Fair

Corrosion Protection

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**Deck**

Running Surface	Poor	Pot holes on both approaches.
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Fair	
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Grout Pockets		
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Deck Joints	Poor	Paraseal has failed.
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Fair	
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Hand Rails/Walkouts		
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Hardware		
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Overall Deck Condition	Fair	
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Gravel Depth (mm)		
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Steel/Concrete

Serial/ID Plate N/A

Girders Fair

Concrete slabs.

Diaphragms

Bracing

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Monitor lock blocks for scour and further deterioration (leaning towards creek).	6 mo.

2

3

Sketch
(Select Signature)