

QC-7028

MORESBY 5.5km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°4'51.7" Longitude -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 53°4'51.53" Longitude -132°4'14.05"

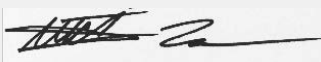
HD Diff. (m) 5.4 Accuracy (m) 10

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

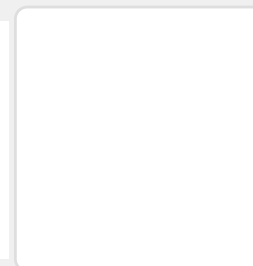
P.Eng Comments

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

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

Approach

Alignment **Good**
 Bridge Ahead Signs
Missing 0 1 2
Brushing Required **Y**
 Delineator Missing
Left 0 1 2

 Delineator 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.
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	
Grout Pockets		
Deck Joints	Poor	Paraseal has failed.
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
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

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 type="checkbox"/>
Estimated Present Water Level Width (m)	4	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0.5	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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)