

QC-7035

MORESBY 5.29km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°5'6.6"	-132°4'14.4"		
Crossing Name	Creek 21A		
FSR #	10308	Branch #	01
Road Name	MORESBY		
User km	5.29		
Previous 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)	9.5		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
53°5'6.74"	-132°4'15.05"		
HD Diff. (m)	12.8	Accuracy (m)	5
9.6			

Inspection

Date of Inspection 2019-09-14 10:57:57 AM

Inspector Name Lindsey McGill

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate QC-7035

Bridge in good condition

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 11, 2020

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2022

Comments:



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2

Brushing Required Y Just around bridge

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

Fender Condition Fair

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good

Caps or Sills Good

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A Lock blocks placed on corners and acting to retain fill

Bracing N/A

Hardware N/A

Fill Good

Riprap N/A Old sill logs acting as scour protection

Bearings Good Precast cap beam on single row lock blocks

Corrosion Protection N/A

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**Deck**

Running Surface N/A

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good Grouted shear keys, 8 slab girder arrangement

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good 8 slab girders

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors Good

Log

Log Curbs N/A Concrete no posts

Needle Beam N/A

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)	.15	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.1	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Replace missing delineator and post load rating.
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2	Low	Brush out immediate vicinity of bridge.
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3		
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Item	Monitor Description	Frequency
1	Long term stability of original sill logs (will eventually scour and/or rot away).	Routine Inspection

2		
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3		
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Sketch
(Select Signature)

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Structure ID



Upstream from Crossing



Upstream Profile



Downstream from Crossing



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



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Approach from Right Bank when facing downstream

Approach from Right Bank when facing downstream