QC-7029	MORESBY 6.2km	2017 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°4'39.6"	-132°4'14.3"

Crossing Name	26
FSR #	10308
Branch #	1
Road Name	MORESBY
User km	6.2
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)	3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
53°4'39.35"	-132°4'14.88"

HD Diff. (m)	13.3	Accuracy (m)	5

Inspection

Date of Inspection: 2017-09-12 1:42:23 PM

Recommended Next Inspection Year: 2020

Inspector Name: Mitch Lowe

Inspection Company: Onsite Engineering Ltd

Inspector Comments

No issues.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017
Load Rating: 150 Tonnes GVW
Next Inspection: September 1, 2020
Comments:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433
November 8 2017

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	Unrated	Not needed. Road does not narrow and less than 6m span.
Posted Load Rating		
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete	Good	Two high lock blocks. Cannot asses concrete bearing pad.
Caps or Sills	Fair	8x12 timber sills.
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware	Fair	
Fill		
Riprap		
Bearings	Fair	
Corrosion Protection		

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	Some spalling at ends.
Grout Pockets		
Deck Joints	Poor	Paraseal has failed and material is now spilling into the creek.
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate	N/A	
Girders	Good	Two piece concrete slab.
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	

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	x	Debris	
Estimated Present Water Level Width (m)	3	Aggradation		Scour	x
Estimated High Water Level Clearance (m)	0	Ice			

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Reinstall paraseal at deck joint.
2		
3		

Item	Monitor Description	Frequency
1	Monitor ends of concrete slabs.	Routine Inspection
2		
3		

Sketch
(Select Signature)