QC-7829	MORESBY 3.1km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°5'53.19"	-132°2'56.7"

Crossing Name	Shale Creek Side Channel
FSR #	10308
Branch #	01
Road Name	MORESBY
User km	3.1
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)	11
Deck Width (m)	5

Updated Data

Latitude	Longitude
53°5'53.18"	-132°2'57.69"

HD Diff. (m)	18.4	Accuracy (m)	5

Inspection

Date of Inspection 2018-09-14 1:23:40 PM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2021

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 150 Tonnes GVW
Next Inspection: September 1, 2021
Comments:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

February 6 2019

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	Good
Posted Load Rating	0.0
Road Surface	Fair

Abutment

Log/Timber Cribs	N/A
Tie Backs	N/A
Bin Wall	N/A
Concrete	Good
Caps or Sills	Good
Piles or Posts	Good
Ballast Wall	Good
Wing Wall	N/A
Bracing	N/A
Hardware	N/A
Fill	N/A
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	Good
Running Planks	N/A
Sub Deck	N/A
Ties	N/A
Nails	N/A
Deck to Girder Bolts	N/A
Concrete Deck	Good
Grout Pockets	N/A
Deck Joints	Good
Steel Deck Plate	N/A
Gravel Surface	N/A
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	N/A
Hardware	Good
Overall Deck Condition	Good
Gravel Depth (mm)	0

Steel/Concrete

Girders		
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Good	Welded shear keys

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)	0.1	High Water	Debris
Estimated Present Water Level Width (m)	2.0	Aggradation	Scour
Estimated High Water Level Clearance (m)	2.0	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Minor brushing required.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)