SQ-3026	BIRKENHEAD MAIN 9.2km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
50°30'52.4"	-122°44'21.6"

Crossing Name	Birkenhead River		
FSR #	5733	Branch #	1
Road Name	BIRKENHEAD MAIN		
User km	9.2		
Previous Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Compo Girders		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	31		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5623254.7	Accuracy (m)	

Inspection

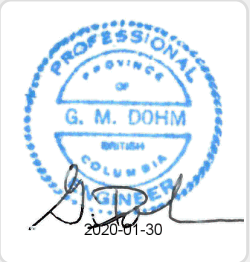
Date of Inspection	2019-09-17 11:59:09 AM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020
Load Rating: L75 or 68 tonnes
Next Inspection: 2022
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	Fair	Large rocks
Posted Load Rating	68	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	Fill retention only
Tie Backs	Fair	
Bin Wall	N/A	
Pier	N/A	
Concrete	Good	
Caps or Sills	Good	
Piles or Posts	Good	
Ballast Wall	Good	
Wing Wall	N/A	
Bracing	Good	
Hardware	Good	
Fill	Good	
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	Good
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)	

Pier Deck

Steel/Concrete

Girders	Good
Diaphragms	Good
Bracing	N/A
Under Trussing	
Hardware	Good
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)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	8.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	4.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Deck

Guard Rail

Approach from Right Bank when facing downstream

Superstructure

Downstream Profile

Upstream Profile

Right Bank Abutment when facing downstream