

SQ-3028

BIRKENHEAD LOWERWEST

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
50°29'48.99"	-122°43'58.6"
Crossing Name	Birkenhead River
FSR #	5733
Branch #	3
Road Name	BIRKENHEAD LOWERWEST
User km	0.5
Previous Load Rating (tonnes)	62
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel Truss/Bailey/Acrow
Deck Type	Timber - Untreated
Abutment Left	Other
Abutment Right	Other
Spans	1
Total Length (m)	30.5
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5621294.1
Accuracy (m)	

Inspection

Date of Inspection 2019-09-17 11:40:30 AM

Inspector Name Richard Mills

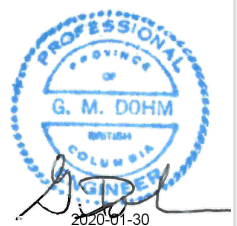
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2021
Comments:



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Poor None

Posted Load Rating 62

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts N/A

Ballast Wall Good Log

Wing Wall N/A

Bracing N/A

Hardware Fair

Fill Good

Riprap N/A

Bearings Fair

Corrosion Protection Fair

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**Deck**

Running Surface Fair

Running Planks Fair

Sub Deck Fair

Ties N/A

Nails Good

Deck to Girder Bolts Good

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair Needs extra riser block to meet ministry standard. 1 damaged section.

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

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
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Hazards

Estimated Present Water Level Depth (m)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Add approach barriers
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2		
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Guard Rail



Guard Rail



Approach from Right Bank when facing downstream



Load Rating Sign



Downstream Profile



Left Bank Abutment when facing downstream



Superstructure



Deck