

QC-7140

BM2700 0.3km

2019 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°27'55.29" Longitude -132°28'24.3"

Crossing Name Unknown

FSR # 8229 Branch # 15

Road Name BM2700

User km 0.3

Previous Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 20.9

Deck Width (m) 4.9

Updated Data

Latitude 53°27'55.61" Longitude -132°28'24.26"

HD Diff. (m) 9.6 Accuracy (m) 5

Inspection

Date of Inspection 2019-09-16 12:18:51 PM

Inspector Name Lindsey McGill

Inspector Comments Serial/ID Plate Serial # 05604

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 13, 2020

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2022

Comments:



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Barely truck accessible

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

Fender Condition Fair

Posted Load Rating

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 N/A

Piles or Posts Fair

Ballast Wall Good

Wing Wall Good Integrated with ballast walls

Bracing Fair Welded

Hardware N/A

Fill Good

Riprap Fair Right bank abutment has scoured but does not pose a threat to bridge currently. Original sill log left in place and has winced collapsed into channel.

Bearings Fair

Corrosion Protection Fair

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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

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair Replace in 3 years or less.

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck N/A

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Steel/Concrete

Girders Fair

Diaphragms N/A

Bracing Fair Bolted

Under Trussing N/A

Hardware Fair

Welded/grouted
shear connectors N/A**Log**

Log Curbs Poor Replace upon industrial activity

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)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments Minor scour issue on right bank, not immediate threat to footings.

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Low	Post signage and replace guidelogs
2	Low	Clean debris off deck and brush out road.
3	Low	Replace guardrails in three years

Item	Monitor Description	Frequency
1	Monitor scour on right bank	Routine Inspection
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



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Structure ID



Right Bank Abutment when facing downstream



Upstream Profile



Downstream Profile

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Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream

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