

QC-7836

QC_MAI1000 0.31km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°47'32.39" Longitude -132°24'49.3"

Crossing Name Bill Creek

FSR # 10175 Branch # 04

Road Name QC_MAI1000

User km 0.31

Current 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) 12.8

Deck Width (m) 4.88

Updated Data

Latitude 53°47'32.01" Longitude -132°24'49.2"

HD Diff. (m) 12.3 Accuracy (m) 5

Inspection

Date of Inspection 2018-09-19 2:57:14 PM

Inspector Name Robert Kemmler

Inspector Comments Serial/ID Plate None

Clean deck so the concrete components can be inspected

Recommended Next Inspection Year 2021

Inspection Company Onsite Engineering

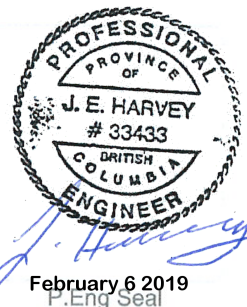
P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2021

Comments: Install bridge ahead signs and delineators on both approaches. Clean deck.
Monitor scaling of steel components.



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ApproachAlignment **Poor**

Sharp horizontal curve on Right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2Brushing Required **Y**Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2Fender Condition **Fair**Posted Load Rating **0** **Not posted**Road Surface **Fair****Abutment**Log/Timber Cribs **N/A**Tie Backs **N/A**Bin Wall **N/A**Concrete **N/A**Caps or Sills **N/A**Piles or Posts **Fair**Ballast Wall **Fair**Wing Wall **N/A**Bracing **Fair**Hardware **Fair**Fill **Good**Riprap **N/A**Bearings **Good**Corrosion Protection **Poor** **Weathering steel components**

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Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	
Grout Pockets	Unrated	Unable to inspect due to debris on deck
Deck Joints	Unrated	Unable to inspect due to debris on deck
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	Expect to replace within 2 years.
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	

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Steel/ConcreteGirders **Fair**Diaphragms **Fair**Bracing **Fair**Under Trussing **N/A**Hardware **Fair**Welded/grouted
shear connectors **Unrated**

Unable to inspect due to debris on deck

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)	0.3	High Water	Debris
Estimated Present Water Level Width (m)	4.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	4.0	Ice	
Comments			

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Install bridge ahead signs and delineators on both approaches.
2	Low	Clean deck.
3		

Item	Monitor Description	Frequency
1	Monitor scaling of steel components.	Routine Inspection
2		
3		

Sketch
(Select Signature)