

QC-7140

BM2700 0.3km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°27'55" Longitude -132°28'25.2"

Crossing Name Unknown

FSR # 8229 Branch # 15

Road Name BM2700

User km 0.3

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) 20.9

Deck Width (m) 4.9

Updated Data

Latitude 53°27'55.26" Longitude -132°28'24.34"

HD Diff. (m) 17.8 Accuracy (m) 5

Permanent Bridge

N

Inspection

Date of Inspection 2017-09-13 10:07:52 AM

Inspector Name Mitch Lowe

Inspector Comments



No current issues.

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering Ltd

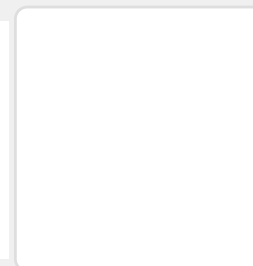
P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

Approach

Alignment Fair Sharp horizontal curve on river right approach

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 Log approach barriers

Posted Load Rating No posted load limit

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Fair

Fill Fair No riprap on right bank abutment. Bank is subject to erosion but is well ahead of the abutment.

Riprap Fair Riprap on left bank abutment is stable and functioning.

Bearings Good

Corrosion Protection Good

QC-7140

BM2700 0.3km

2017 Inspection



CBR iPad Offline Ver

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	
Grout Pockets	Unrated	Too much gravel on surface to assess.
Deck Joints	Fair	Only able to asses from underside of bridge as there is too much debris on deck surface.
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

QC-7140

BM2700 0.3km

2017 Inspection



CBR iPad Offline Ver

Steel/Concrete

Serial/ID Plate Serial# 05604 L-100 Iota

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

1

QC-7140

BM2700 0.3km

2017 Inspection



CBR iPad Offline Ver

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	4	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	2	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Clean concrete deck and inspect grout pockets and deck joints.
2		
3		

Item	Monitor Description	Frequency
1	Monitor right bank abutment for further progression of erosion.	
2		
3		

Sketch
(Select Signature)