

QC-7140

BM2700 0.3km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
53°27'55"	-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	Longitude
53°27'55.26"	-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

QC-7140

BM2700 0.3km

2017 Inspection



CBR iPad Offline Ver

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 assess 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	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2	Ice	☐		

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)