

QC-7205

BEACH/RENNELL HILL 7.8km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°20'45.09"	-132°20'26.9"
Crossing Name	Phantom Creek
FSR #	8229
Branch #	02
Road Name	BEACH/RENNELL HILL
User km	7.8
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.48

Updated Data

Latitude	Longitude
53°20'44.65"	-132°20'27.24"
HD Diff. (m)	15.3
Accuracy (m)	5

Inspection

Date of Inspection 2018-09-16 1:51:14 PM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2021

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate MOF, 02/00, 60ft, MBS -L-165, #591-227-2

2017 storm has caused bank erosion on the upstream left bank, ahead of riprap. Monitor after storm events for progression.

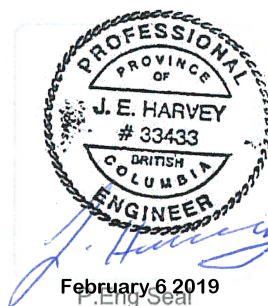
P.Eng Comments

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

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2021

Comments: Install approach barriers and large delineators on all four corners. Brush approaches. Monitor upstream left bank for advancement of bank erosion.



QC-7205

BEACH/RENNELL HILL 7.8km

2018 Inspection



CBR iPad Offline Ver

Approach

Alignment **Poor**

On tight curve with poor visibility on both approaches.

Bridge Ahead Signs
Missing☐ 0 ☐ 1 ☒ 2Brushing Required **Y**Delineator Missing
Left☐ 0 ☐ 1 ☒ 2

Delineators on risers but insufficient. Install large delineators on all four corners.

Delineator Missing
Right☐ 0 ☐ 1 ☒ 2

Delineators on risers but insufficient. Install large delineators on all four corners.

Fender Condition **Poor**

Right upstream only.

Posted Load Rating

Road Surface **Good**

Abutment

Log/Timber Cribs **N/A**Tie Backs **N/A**Bin Wall **N/A**Concrete **Good**Caps or Sills **Fair**

Not bearing evenly.

Piles or Posts **N/A**Ballast Wall **Poor**

None.

Wing Wall **N/A**Bracing **N/A**Hardware **N/A**Fill **Good**Riprap **Fair**Bearings **Fair**

Not bearing evenly onto timber sills.

Corrosion Protection **Fair**

QC-7205

BEACH/RENNELL HILL 7.8km

2018 Inspection



CBR iPad Offline Ver

Deck

Running Surface	Good	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	Good	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	Damage to downstream right
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Good	
Gravel Depth (mm)	0	

QC-7205

BEACH/RENNELL HILL 7.8km

2018 Inspection



CBR iPad Offline Ver

Steel/Concrete

Girders N/A

Diaphragms Unrated Dual box beam portable, not visible.

Bracing N/A

Under Trussing N/A

Hardware Good

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

Log Curbs N/A

Needle Beam

Needle Lashing/
Shimming

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)		
	Species	Peeled		Rot Depth (mm)	Condition	Comment

QC-7205

BEACH/RENNELL HILL 7.8km

2018 Inspection



CBR iPad Offline Ver

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1	High	Install approach barriers and large delineators on all four corners.
---	------	--

2	Low	Brush approaches
---	-----	------------------

3		
---	--	--

Item

Monitor Description

Frequency

1	Upstream left bank for advancement of bank erosion.	Other
---	---	-------

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)