

CK-2215

Peers 1.7km

2020 Inspection

CBR iPad Offline Ver 0.32b



CBR Data

Latitude	Longitude
°0'0"	°0'0"
Crossing Name	Peers Creek
FSR #	Branch #
Road Name	Peers
User km	1.7
Previous Load Rating (tonnes)	91
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)	21.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°22'49.53"	-121°18'13.15"
HD Diff. (m)	9974296.2
Accuracy (m)	200
L100 or 91 tonnes	
24.3	

Inspection

Date of Inspection 2020-04-21 11:15:59 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

I recommend removing the 2 cedar and 1 cottonwood trees overhanging the bank located at the upstream right bank location. You will notice that these trees have been undermined and present a risk to the structure should further scour occur. In this same location the riprap condition has been slightly comprised (scoured) and needs to be monitored. The current load rating of L100 or 91 tonnes to continue.



2020-11-19

P.Eng Seal

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Approach

Alignment Good

 Bridge Ahead Signs
 Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 Delineator Missing
 Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
 Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Excellent

Posted Load Rating Not posted

Road Surface Excellent

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good Lock blocks both banks

Caps or Sills Good Treated timbers

Piles or Posts

Ballast Wall Fair Old logs

Wing Wall

Bracing

Hardware

Fill Good

Riprap Fair Upstream right bank starting to scour - monitor

Bearings Good Shims have been welded to the down stream left bank bearing plate for consistent bearing

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate **Excellent**

Gravel Surface

Curb Rail/Blocks/Posts **Excellent**

Hand Rails/Walkouts **Excellent**

Hardware **Excellent**

Overall Deck Condition **Excellent**

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

Diaphragms Unrated Internal

Bracing Unrated Internal

Under Trussing

Hardware

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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 High Remove 2 cedars and 1 cottonwood from upstream right bank

2

3

Item

Monitor Description

Frequency

1 Riprap condition at upstream right bank Every Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Handrail and footrail



Upstream right bank riprap scour



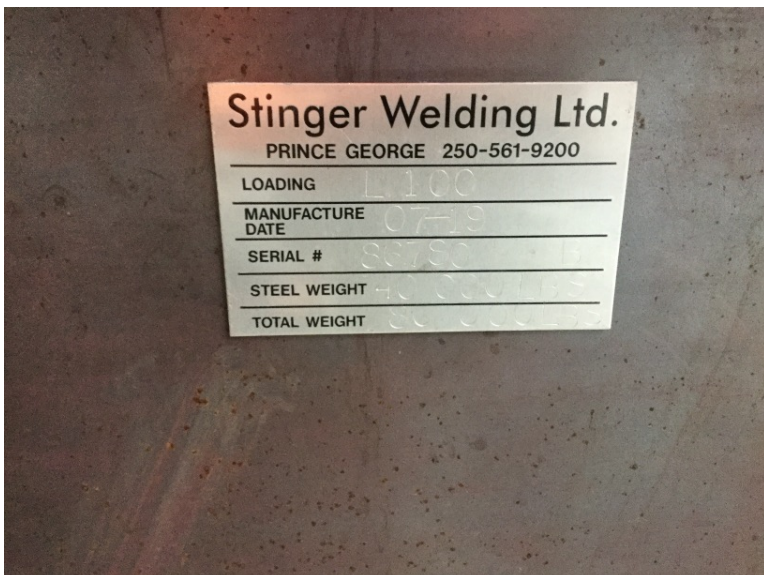
2 cedars and 1 cottonwood should be taken down



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Structure ID



Steel shims downstream left bank



Right Bank Abutment when facing downstream



Superstructure