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	Recommended Next Inspection Year	2023
Inspector Name	Tyson Miller	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

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		

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)	

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	

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

Deck

Approach from Left Bank when facing downstream

Upstream from Crossing

Upstream right bank riprap scour

Downstream from Crossing

2 cedars and 1 cottonwood should be taken down

Handrail and footrail

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