CK-2209	MOWHOKAM EAST 0.1km	2018 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
50°4'28.99"	-121°25'15.7"

Crossing Name	Mohawkum Creek
FSR #	8019
Branch #	3
Road Name	MOWHOKAM EAST
User km	0.1
Current Load Rating (tonnes)	68 tonnes
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	18.3
Deck Width (m)	4

Updated Data

Latitude	Longitude
50°4'28.73"	-121°25'15.74"

HD Diff. (m)	8.4	Accuracy (m)	5

L75 or 68 tonnes

Inspection

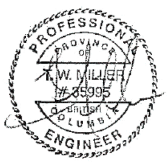
Date of Inspection	2018-08-23 9:32:03 AM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

In order to place log fenders at approaches granular fill will be required to widen road

P.Eng Comments

Brush approaches and post bridge ahead signs. Replace missing fenders at both approaches. Continue to monitor the riprap condition for further scour. The Coast Engineering Group (CEG) does not have the record drawings, structural drawings or Crossing Assurance Statement on file for this site. Limit loading to L75 or 68 tonnes and send the missing documents to the CEG for review.



01/02/2019

P.Eng Seal

Approach

Alignment	Fair	HC and VC 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	Poor	None
Posted Load Rating		Not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Fair	Log sills both banks
Piles or Posts		
Ballast Wall	Fair	Logs
Wing Wall		
Bracing		
Hardware	Fair	
Fill	Fair	
Riprap	Fair	Round riprap, not well graded or tied into the streambed and is scouring
Bearings	Fair	
Corrosion Protection		

Deck

Running Surface		
Running Planks	Fair	
Sub Deck	Fair	Cored random locations
Ties	Fair	Cored random locations
Nails	Fair	
Deck to Girder Bolts	Poor	None visible
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders	Fair	Only a section of longer set
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

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	X
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Round riprap, not well graded or tied into the streambed and is scouring

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches and post bridge ahead signs
2	Medium	Place log fenders at approaches
3		

Item	Monitor Description	Frequency
1	Riprap condition	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2209 MOWHOKAM EAST 0.1km 2018 Inspection

Approach from Right Bank when facing downstream

Upstream from Crossing

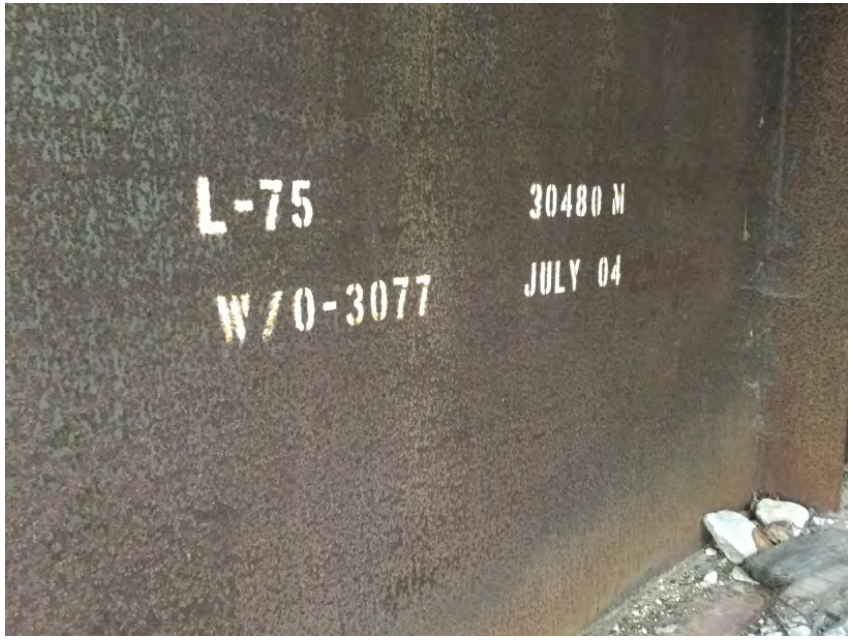
Approach from Right Bank when facing downstream

Downstream from Crossing

Approach from Left Bank when facing downstream

Rot indicators on underside of deck starting to show

Right Bank Abutment when facing downstream



Structure ID

Left Bank Abutment when facing downstream

Superstructure