CK-2315	WRAY-BERKEY CREEK 4.2km	2015 Inspection

CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°19'35.1"	-121°20'56"

Crossing Name	Berkey Creek
FSR #	8113
Branch #	2
Road Name	WRAY-BERKEY CREEK
User km	4.2
Current Load Rating (tonnes)	0
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	8.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°19'33.72"	-121°20'56"

HD Diff. (m)	43.3	Accuracy (m)	5

Inspection

Date of Inspection	2015-06-23 12:05:20 PM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Structure condemned, 0 tonnes load rating. Replace entire structure prior to any works.

P.Eng Seal

Approach

Alignment	Good	
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 but road extremely grown over - no vehicle access
Road Surface	Poor	grown over

Abutment

Log/Timber Cribs	Fair	
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	N/A	
Ballast Wall	Poor	rotten on left bank, non existent on right bank
Wing Wall	N/A	
Bracing	N/A	
Hardware	Poor	loose
Fill	Fair	
Riprap	Poor	none
Bearings	Fair	
Corrosion Protection	N/A	

Deck

Running Surface	N/A	grown over
Running Planks	Poor	rotten
Sub Deck	N/A	
Ties	Poor	rotten
Nails	Poor	protruding
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	rotten
Hand Rails/Walkouts	N/A	
Hardware	Poor	loose lashing
Overall Deck Condition	Poor	replace entire structure prior to use
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate	
Girders	
Diaphragms	
Bracing	
Under Trussing	
Hardware	NA
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)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	3.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments: structure is rotten and requires complete replacement prior to activity

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2315 WRAY-BERKEY CREEK 4.2km 2015 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Left Bank Abutment when facing downstream

CK-2315 WRAY-BERKEY CREEK 4.2km 2015 Inspection

data logger

deck from below

Right Bank Abutment when facing downstream

Stringers

Stringers