CK-2284	TSILEUH CREEK 4.4km	2016 Inspection

CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°42'40.7"	-121°26'42.3"

Crossing Name	Tikwalus Creek
FSR #	7978
Branch #	1
Road Name	TSILEUH CREEK
User km	4.4
Current Load Rating (tonnes)	10
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Timber - Treated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	10.7
Deck Width (m)	5.7

Updated Data

Latitude	Longitude
49°42'40.97"	-121°26'42.3"

HD Diff. (m)	105.8	Accuracy (m)	5

Deck Type: Timber – Untreated

Inspection

Date of Inspection	2015-06-18 2:06:39 PM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Recommend complete replacement for industrial activity. Present load rating of 10 tonnes to continue.
Post load rating sign.

P.Eng Seal

Approach

Alignment	Fair	
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	Poor	requires surfacing and grading in various locations

Abutment

Log/Timber Cribs	Fair	
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Fair	treated timber on right abutment on top of crib
Piles or Posts	N/A	
Ballast Wall	Fair	treated timbers
Wing Wall	N/A	
Bracing	N/A	
Hardware	Fair	
Fill	Fair	failing behind right abutment ballast wall
Riprap	Poor	none
Bearings	Poor	scoured crib on left bank
Corrosion Protection	N/A	

Deck

Running Surface	N/A	requires surfacing and grading in various locations
Running Planks	Fair	fair to poor - rotting
Sub Deck	N/A	
Ties	Poor	undersized and rotting
Nails	Fair	
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	too low
Hand Rails/Walkouts	N/A	
Hardware	Poor	loose lashing
Overall Deck Condition	Poor	due to age and condition
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware N/A 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
1	Fd	Y	730	60	Fair	670 x 630 cant - pocket rot
2	Fd	Y	730	60	Fair	670 x 630 cant - pocket rot
3	Fd	Y	610	150	Poor	powder for shavings
4	Fd	Y	720	50	Fair	660 x 620 cant - pocket rot
5	Fd	Y	720	30	Fair	670 x 620 cant
6	Fd	Y	720	70	Fair	670 x 620 cant - pocket rots
7	Fd	Y	720	30	Fair	670 x 620 cant

Hazards

Estimated Present Water Level Depth (m)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	3.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	post load rating sign
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2284 TSILEUH CREEK 4.4km 2015 Inspection

Approach from Right Bank when facing downstream

failing fill on right approach

Deck

guardrail too low

CK-2284 TSILEUH CREEK 4.4km 2015 Inspection

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Deck

Right Bank Abutment when facing downstream

Stringers