

CK-2286

TSILEUH CREEK 17.7km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



CBR Data

Latitude	Longitude		
49°45'8.89"	-121°30'47.5"		
Crossing Name	South Fork Tsileuh Creek		
FSR #	7978	Branch #	1
Road Name	TSILEUH CREEK		
User km	17.7		
Current Load Rating (tonnes)	68		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Treated - Panels		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	14		
Deck Width (m)	4		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5538419.8	Accuracy (m)
N		

Inspection

Date of Inspection 2016-09-13 8:51:29 AM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed with GPS.
Curbs and running planks need replacement prior to industrial use.

P.Eng Comments

Replace running planks and guardrail, risers and blocks prior to industrial use. Brush approaches and post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.



01/03/2017

P.Eng Seal

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Approach

Alignment Fair

Gradient on right approach. Curve on each end.

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating 0 Not posted.

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Steel plates and rubber pads. Plates are weathering.

Piles or Posts Fair

Ballast Wall Fair

Both walls are cedar logs. On the left the top log is rotten and on the right there is generally 50mm of sap rot with 150mm pockets of rot in the top log.

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Fair

Slight subsidence about 6cm and a small scour hole were noted on the left fill.

Riprap Fair

Riprap is large rounded boulders.

Bearings Good

Corrosion Protection Fair

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**Deck**

Running Surface	N/A	
Running Planks	Fair	Some rot showing.
Sub Deck	Good	
Ties	Good	
Nails	Good	
Deck to Girder Bolts	Good	
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	Fair	Most pieces are soft and punky. They will need replacement for industrial use.
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	Deck is usable but will need repairs prior to extensive industrial use.
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate No identity plaques found.

Girders Fair Light rust

Diaphragms Good Coated

Bracing Good Coated

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace curb risers and rails. Rails are 300 x 300 x 14m x 2. Risers are 300x300 x 60cm x 12 pieces.
2	Medium	Replace running planks 100 x 300mm x 14m x 13 runs of 14m
3	Medium	Post 2 bridge signs.

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Right approach facing structure



Left approach facing away from structure



Right approach facing away from structure



Left approach facing structure



Upstream from Crossing



Left Bank Abutment when facing downstream



Downstream from Crossing



Upstream Profile



Downstream Profile



Right Bank Abutment when facing downstream



Underside of bridge