

CK-2285

TSILEUH 12.1km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°44'48.3"	-121°27'54.5"		
Crossing Name	Black Creek		
FSR #	7978	Branch #	1
Road Name	TSILEUH		
User km	12.1		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	20		
Deck Width (m)	5		

Updated Data

Latitude	Longitude		
49°44'48.11"	-121°27'53.47"		
HD Diff. (m)	21.4	Accuracy (m)	10
L75 or 68 tonnes			

Inspection

Date of Inspection 2018-10-11 11:08:11 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

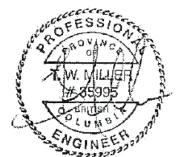
Inspection Company MFLNRO

Inspector Comments

The road has failed 100m prior to bridge location. Approx 30m section will need to be reconstructed prior to gaining access to bridge site.

P.Eng Comments

Replace the guardrail, risers and blocks. Replace all the deck joint seals. Brush approaches and post bridge ahead signs. The current load rating of L75 or 68 tonnes to continue. The FSR at the town (right) approach will require a significant repair prior to any bridge repair work.



06/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC right approach, HC and VC left approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Logs

Posted Load Rating

Not posted

Road Surface Poor

The FSR has failed 100m prior to the bridge and will require a significant repair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Fair

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	Good
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Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts	Fair	Combination of clips and bolts
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Concrete Deck	Fair
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Grout Pockets

Deck Joints	Poor	All foam backing and paraseal have failed
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Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Poor	Rotten blocks and risers
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Hand Rails/Walkouts

Hardware	Fair
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Overall Deck Condition	Poor	Due to deck joint seal and guadrail condition
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Gravel Depth (mm)

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Steel/Concrete

Girders Fair

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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace all deck seals
2	Medium	Replace guardrail, risers and blocks
3	Medium	Brush approaches
4	Low	Post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck elevation 100mm higher than road elevation



Deck



Minor damage noted to underside of panel 1 right bank



Minor damage noted to underside of panel 1 right bank



Left Bank Abutment when facing downstream



Foam backing coming out of all deck joints



Right Bank Abutment when facing downstream



Superstructure



Deck clips and bolts



Splice plates



Approach from Left Bank when facing downstream

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Deck



Deck seals all failed