

CK-2285

TSILEUH CREEK 12.1km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude
49°44'48.3"	-121°27'54.5"
Crossing Name	Black Creek
FSR #	7978
Branch #	1
Road Name	TSILEUH CREEK
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
°0'0"	°0'0"
HD Diff. (m)	5537782.9
Accuracy (m)	

N

Inspection

Date of Inspection 2016-09-13 9:34:12 AM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed with GPS.

Bridge needs new curbs and deck joint repairs. There is considerable work to repair the road to the bridge as well as the immediate approach.

P.Eng Comments

Replace all deck panel seals and replace guardrail, risers and blocks prior to industrial activity. Brush and grade approaches. Post bridge ahead signs and replace missing delineator. Present load rating of L75 or 68 tonnes to continue.



01/03/2017

P.Eng Seal

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Approach

Alignment Fair

Has a 5 percent gradient on left approach as well as a curve.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

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

Fender Condition Good

Large solid logs.

Posted Load Rating 0

Not posted

Road Surface Poor

A large slope failure on the left approach has blocked the road.

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Good

Steel plates and rubber pads.

Piles or Posts Good

Ballast Wall Good

Concrete

Wing Wall N/A

Bracing Good

Hardware Fair

Curb hardware is loose but in good condition for re-use.

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	Fair	A large slope failure on the left approach has blocked the road.
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Weathered and pitted from use.
Grout Pockets	Fair	
Deck Joints	Poor	Gaskets are missing or deteriorated on all 6 joints.
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	All risers are rotten and rails are only fair at best.
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Poor	Due to poor curbs.
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate No identity plates seen.

Girders Fair Light rusting

Diaphragms Fair

Bracing Fair

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)	4	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	1. Repair left bridge approach.
2	Medium	1, Replace curbs. 2. Replace gaskets at 6 deck joints.
3	Medium	Brush out both approaches.

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Left approach facing structure



Right approach facing away from structure



Left approach facing away from structure



Right approach facing structure



Downstream from Crossing



Underside of bridge



Upstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream