

CK-2497
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ENGLISH 2.6km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°39'23.1"	-121°51'58.9"
Crossing Name	Side Creek
FSR #	5748
Branch #	29
Road Name	ENGLISH
User km	2.6
Previous Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	8
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
49°39'22.65"	-121°51'59.18"
HD Diff. (m)	14.9
Accuracy (m)	100
L100 or 91 tonnes	

Inspection

Date of Inspection 2020-05-15 12:16 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

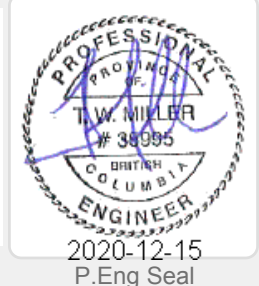
Inspection Company FLNRORD

Inspector Comments

Downstream left bank sill has been scoured
6.5m span

P.Eng Comments

Repair scour under the downstream left bank log sill to prevent further migration of foundation materials. Ensure the log sill is completely bearing on its foundation materials prior to covering with scour protection. Any further scour will likely result in a reduction of capacity. Brush approaches and post bridge ahead signs. Monitor scour under left bank sill. The current load rating of L100 or 91 tonnes can continue.



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Approach

Alignment Fair

HC and sharp VC left approach, steep approach right bank

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

Undersized logs

Posted Load Rating 91000

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Single log sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Fair

Scoured downstream left bank

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts **Fair** **Not fastened**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Fair**

Gravel Depth (mm) **400**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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	600		Fair	
2	Fd	Y	560	10	Fair	
3	Fd	Y	530	10	Fair	
4	Fd	Y	490	10	Fair	
5	Fd	Y	510	10	Fair	
6	Fd	Y	520		Fair	
7	Fd	Y	520		Fair	
8	Fd	Y	540		Fair	
9	Fd	Y	580		Fair	
10	Fd	Y	560		Fair	
11	Fd	Y	550	10	Fair	
12	Fd	Y	550		Fair	

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Substructure. Log sill maintenance. Priority:High	Repair scour under left bank log sill
2 Approach. Area/sight line brushing. m². Priority:Low	Brush approaches
3 Approach. Bridge Ahead Signs. # of signs. Priority:Medium	Post bridge ahead signs
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Scour noted under left bank sill	Annually
2		
3		



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Deck



Load Rating Sign



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream left bank starting to scour below sill



Downstream left bank sill scour