

CK-2087

DEWDNEY 5.2km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°27'56.8"	-121°11'56"
Crossing Name	Cedar Flat Creek
FSR #	7995
Branch #	1
Road Name	DEWDNEY
User km	5.2
Previous Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	16.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°27'56.82"	-121°11'56.01"
HD Diff. (m)	0.5
Accuracy (m)	10
5.1	
L60 or 54 tonnes	

Inspection

Date of Inspection 2019-04-30 8:54:54 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

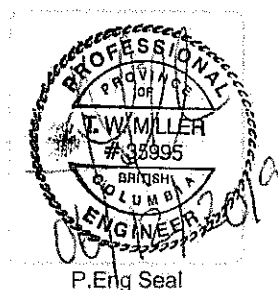
Inspection Company FLNRORD

Inspector Comments

The girders at right bank appear to be settling, most likely due to the deteriorating crib condition. Monitor.

P.Eng Comments

Post bridge ahead signs and monitor the crib and riprap condition. The current load rating of L60 or 54 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required N

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

Fender Condition Poor

None

Posted Load Rating

Not posted

Road Surface Fair

Potholes at approaches

Abutment

Log/Timber Cribs Fair

Up to 70mm sap rot on face logs, rotten face logs at ends

Tie Backs Fair

Some ends split and up 70mm sap rot

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Good

Creosote timbers

Wing Wall

Bracing

Hardware Fair

1 loose ballast wall bolt

Fill Fair

Fill retaining logs rotten at their ends

Riprap Poor

Scoured upstream left bank

Bearings Fair

Downstream right bearing location slightly lower then upstream

Corrosion Protection

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Deck

Running Surface

Running Planks

Fair

Sub Deck

Fair

Indications of surface rot

Ties

Good

Treated

Nails

Fair

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Diaphragms Fair 4 welded bays

Bracing Fair

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

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Hazards

Estimated Present Water Level Depth (m)	0.7	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	7.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Post bridge ahead signs

2

3

Item	Monitor Description	Frequency
1	Riprap scour at left upstream abutment	Routine Inspection
2	Girder settlement at right abutment	Routine Inspection
3	Crib condition	Routine Inspection

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Upstream left bank riprap scour



Approach from Left Bank when facing downstream



Up to 70mm sap rot in face logs and tiebacks



Tieback ends spilt and up to 70mm sap rot



Right Bank Abutment when facing downstream



Upstream face log ends are rotten



Fill retention logs rotten



Ballast wall to girder connection loose



Indications of rot in subdeck, surface rot only



Superstructure



Approx 10mm settlement of downstream girder at right bank