

CK-2087

DEWDNEY 5.2km

2020 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°27'58.15"	-121°11'53.79"		
HD Diff. (m)	61.0	Accuracy (m)	50
L60 or 54 tonnes			

Inspection

Date of Inspection 2020-04-21 9:20:12 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Post bridge ahead signs and brush approaches. Monitor the crib and riprap condition. The crib is 30 years old and nearing the end of its industrial life. Plan for replacement soon. The current load rating of L60 or 54 tonnes; however annual inspections are recommended.



P.Eng Seal

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Approach

Alignment Fair slight HC right approach

Bridge Ahead Signs Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating Not posted

Road Surface Fair Road prism partially washed out in 2 locations down chain

Abutment

Log/Timber Cribs Fair 4x, closed face with up to 70mm sap rot

Tie Backs Fair Up to 70mm sap rot, split ends

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Good Creosote timbers

Wing Wall

Bracing

Hardware Fair

Fill Fair Fill retaining logs rotting

Riprap Fair Upstream left bank erosion noted

Bearings Fair Downstream right bank slightly lower than upstream - monitor condition

Corrosion Protection

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**Deck**

Running Surface

Road prism partially washed out in 2 locations down chain

Running Planks

Fair

Sub Deck

Fair

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 Minor corrosion

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)	0.8	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Brush approaches
2	Low	Post bridge ahead signs
3		

Item	Monitor Description	Frequency
1	Crib (face log and tieback log) condition	Routine Inspection
2	Riprap scour	Routine Inspection
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Upstream left bank riprap failure



Left Bank Abutment when facing downstream



Downstream right bank face log ends