

CK-2546

DEWDNEY 0km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude	
49°28'48.9"	-121°15'4.9"	
Crossing Name	Coquihalla River	
FSR #	7995	Branch # 1
Road Name	DEWDNEY	
User km	0	
Previous Load Rating (tonnes)	91	
Structure Class	Permanent Bridge	
Portable	N	
Superstructure	Steel I-beam	
Deck Type	Concrete Composite	
Abutment Left	Steel Pipe and Precast Pad	
Abutment Right	Steel Pipe and Precast Pad	
Spans	1	
Total Length (m)	53.3	
Deck Width (m)	4.9	

Updated Data

Latitude	Longitude	
49°28'49.39"	-121°15'4.81"	
HD Diff. (m)	15.1	Accuracy (m) 5

L100 or 91 tonnes

Inspection

Date of Inspection 2019-04-30 8:25:48 AM

Inspector Name Tyson Miller

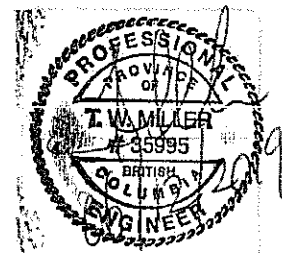
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Add surfacing to both approaches and repair the damage to the top right bank ballast wall consistent with the Concrete Repair Guide for Concrete Bridge Components. The current load rating of L100 or 91 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

VC and HC right approach, HC left

Bridge Ahead Signs
Missing☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating 90700

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Piles or Posts Unrated

Buried

Ballast Wall Fair

Damage noted to top at right bank

Wing Wall

Bracing Unrated

Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated

Buried

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms Good 17 bolted bays

Bracing Good

Under Trussing

Hardware Good

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)	36.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Add surfacing to both approaches
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2	Medium	Repair damage to top of ballast wall
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3		
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Item	Monitor Description	Frequency
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1		
---	--	--

2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Right approach could use additional surfacing



Damage to top of ballast wall on right bank



Damage to top of ballast wall right bank



Upstream from Crossing



Downstream from Crossing



Left approach could use additional surfacing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Left bank bearing



Upstream Profile



Structure ID



Right bank bearing



No damage noted to girders where they were drug through river



No damage noted to girders where they were drug through river