

CK-2368

KAREN CREEK 0.2km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°28'29.79"	-121°14'55.9"
Crossing Name	Dewdney Creek
FSR #	8240
Branch #	1
Road Name	KAREN CREEK
User km	0.2
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete
Abutment Left	Other
Abutment Right	Other
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°28'29.31"	-121°14'56.68"
HD Diff. (m)	21.8
Accuracy (m)	5

Steel pipe on CIP

Steel pipe on CIP

Inspection

Date of Inspection 2017-08-02 8:14:11 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

P.Eng Comments

Replace missing delineator and post bridge ahead signs. Repair the damage to the underside of deck panel 1, on the right abutment. Present load rating of L75 or 68 tonnes to continue.



15/01/2018

P.Eng Seal

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Approach

Alignment Fair

HC both approaches, VC left 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 Good

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Upstream right wall was cut for field fit, exposed concrete was treated

Wing Wall

Bracing Good

NA at right abutment, towers not tall enough to require

Hardware Good

Fill Good

Riprap Good

BR

Bearings Fair

Corrosion Protection Good

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**Deck**

Running Surface **Good** Small damage noted on the underside of panel 1, on the right abutment.

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

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Minor steel delamination at the left approach abutment noted

Diaphragms Good

6 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)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Post bridge ahead signs
2	Medium	Repair damage to panel 1 on right approach (underneath)
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Looking upstream from deck



Looking downstream from deck



Minor steel delamination at left abutment



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Damage to panel 1 on right approach



Superstructure



Structure ID



Ballast Wall at upstream right bank