

CK-2305
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EAST ANDERSON 11.7km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°43'34.29"	-121°17'45.3"
Crossing Name	East Anderson Creek
FSR #	7972
Branch #	2
Road Name	EAST ANDERSON
User km	11.7
Previous Load Rating (tonnes)	68
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)	30.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°43'33.87"	-121°17'44.8"
HD Diff. (m)	16.6
Accuracy (m)	5
11.0	
L75 or 68 tonnes	

Inspection

Date of Inspection 2020-08-27 9:29:34 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

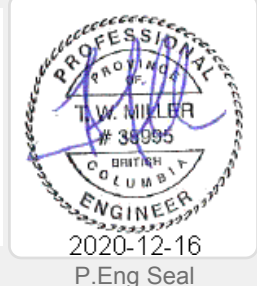
Inspection Company FLNRORD

Inspector Comments

The 4th and 5th panels from the left end have diagonal cracks along the surface; however those cracks are not visible on the underside of the panels. The deck surface is worn and pitted. Left bank panel 1 is chipped underneath, exposing rebar which is rusting. Monitor panel condition.

P.Eng Comments

Repair the damaged deck panel (visible from underneath) consistent with the MoFLNRO Concrete Repair Guide for Concrete Bridge Components (2017). Deck panels 4 and 5 (from left bank) and the right bank ballast wall have hairline cracks on the surface that require monitoring. The current load rating of L75 or 68 tonnes can continue.



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Approach

Alignment Fair

HC and VC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Right bank has hairline cracks

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair Scour noted downstream right bank

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair pitted and worn on wheel path

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Damage noted under panel 1 at left bank and panels 4 and 5 (left bank) have hairline cracks on the surface

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good New

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Sag noted and minor corrosion

Diaphragms Fair 4 bolted bays

Bracing Fair

Under Trussing

Hardware Fair

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Concrete structural maintenance. m². Priority:Medium	Repair damaged deck panel

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Cracking in deck panels and ballast wall	Annually

2

3



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Crack in deck panel



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Visible sag in girders



Damage under panel 1 at left bank



No cracking visible under panel



Riprap scour downstream right bank



Left Bank Abutment when facing downstream

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Superstructure



Ballast wall at right bank