

CK-2494

NORRISH 17000 0.1km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°17'43.8"	-122°5'41.6"
Crossing Name	Dickson Creek
FSR #	10326 Branch # 2
Road Name	NORRISH 17000
User km	0.1
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	23.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5487550.0 Accuracy (m)
L75 or 68 tonnes	

Inspection

Date of Inspection 2018-08-30 11:25:23 AM

Inspector Name Tyson Miller

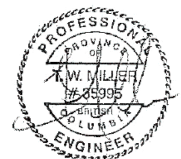
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair all damage to deck panels and ballast walls consistent with the Concrete Repair Guide for Concrete Bridge Components (MFLNRO, 2017). Replace all deck seals. Current load rating of L75 or 68 tonnes can continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC left approach and HC and VC right approach

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 68040

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Damage noted at surface

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Damage noted to many of the panel ends

Grout Pockets

Deck Joints Poor All seals gone

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

Diaphragms Good 5 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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Repair all damage to deck panels and ballast walls

2	High	Replace all deck seals
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Load Rating Sign



Damage at left approach

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All deck joint seals gone



Upstream from Crossing



Damage to deck panels



Downstream from Crossing

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Damage to deck panels



Splice plates



Approach from Right Bank when facing downstream



Upstream Profile

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Deck panel bolts



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure

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Structure ID