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

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 ( ) 2	
Delineator 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	

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)		

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

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
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Deck

Load Rating Sign

Damage at left approach

All deck joint seals gone

Upstream from Crossing

Damage to deck panels

Downstream from Crossing

Damage to deck panels

Splice plates

Approach from Right Bank when facing downstream

Upstream Profile

Deck panel bolts

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Superstructure

Structure ID