

CK-2447

NORRISH 18km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°17'48.5"	-122°5'17.9"		
Crossing Name	Tom Creek		
FSR #	10326	Branch #	1
Road Name	NORRISH		
User km	18		
Current Load Rating (tonnes)	150		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	12.6		
Deck Width (m)	5.09		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5487695.3	Accuracy (m)
17.6		
L165 or 150 tonnes		

Inspection

Date of Inspection 2018-08-30 10:58:25 AM

Inspector Name Tyson Miller

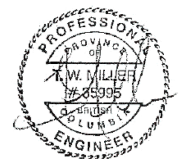
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair the damage to the concrete girders consistent with the Concrete Repair Guide for Concrete Bridge Components (MFLNRO, 2017). Brush and grade approaches. Current load rating of L165 to 150 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating 149700

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good 3 rows of lock blocks each abutment

Caps or Sills Good Concrete

Piles or Posts

Ballast Wall

Wing Wall

Bracing Good Geogrid between each row of blocks

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

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 Fair

6 slabs with damage noted at surface of right approach

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors Good

Welded

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	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Repair damage to girder ends
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2	Medium	Brush and grade approaches
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Load Rating Sign



Approach from Right Bank when facing downstream



Upstream from Crossing

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Downstream from Crossing



Previous concrete repair



Right Bank Abutment when facing downstream



Lock blocks had to shaped around concrete cap at all corners



Left Bank Abutment when facing downstream



Upstream Profile