

CK-2444

NORRISH CREEK 12.9km

2018 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°15'14.69"	-122°5'26.4"		
Crossing Name	Cyr Creek		
FSR #	10326	Branch #	1
Road Name	NORRISH CREEK		
User km	12.9		
Current Load Rating (tonnes)	91		
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)	24.4		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
49°16'1.71"	-122°5'26.75"		
HD Diff. (m)	1453.6	Accuracy (m)	30
L100 or 91 tonnes			

Inspection

Date of Inspection 2018-08-21 10:46:42 AM

Recommended Next Inspection Year 2021

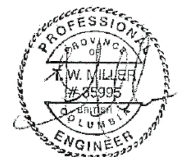
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the guardrail, risers and blocks. Repair damage to the deck panels consistent with the Concrete Repair Guide for Concrete Bridge Components (MFLNRO, 2017) and replace the paraseal at both ballast walls and deck panel interfaces. Brush approaches. Current load rating of L100 or 91 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC and VC both approaches

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 90680

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck	Fair	Damage at both ends and along wheel path, most likely due to tracked machinery
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Grout Pockets	Good
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Deck Joints	Good
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Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Poor	Blocks up 50% rotten
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Hand Rails/Walkouts

Hardware	Poor	Loose rail bolts
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Overall Deck Condition	Poor	Due to rail and panel condition
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Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Repair damaged concrete at both approaches, and replace paraseal
2	Medium	Replace guardrail, risers and blocks
3	Medium	Brush Approaches

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Left approach ballast wall and deck damage



Load Rating Sign



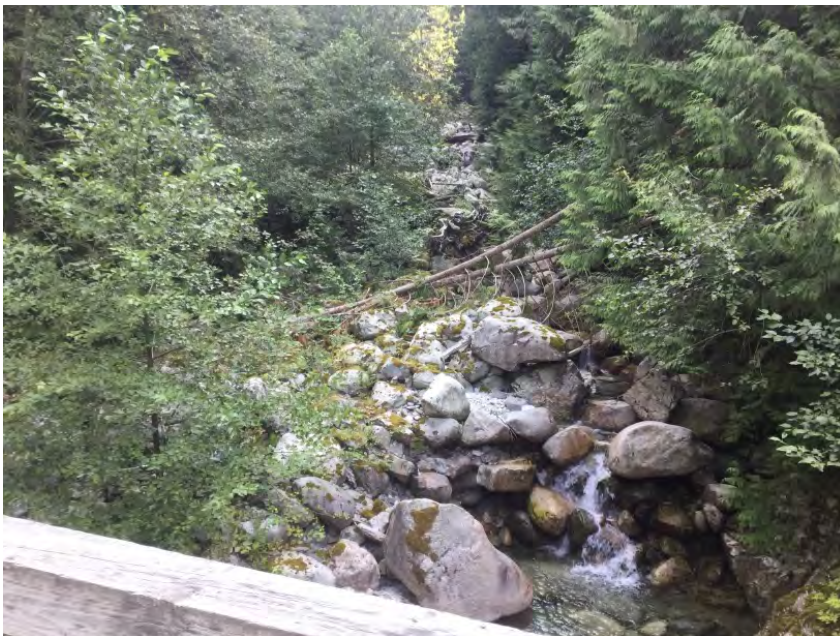
Left approach concrete damage



Left approach concrete damage



Downstream from Crossing



Upstream from Crossing



Right approach concrete damage



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right approach deck panel damage



Right Bank Abutment when facing downstream

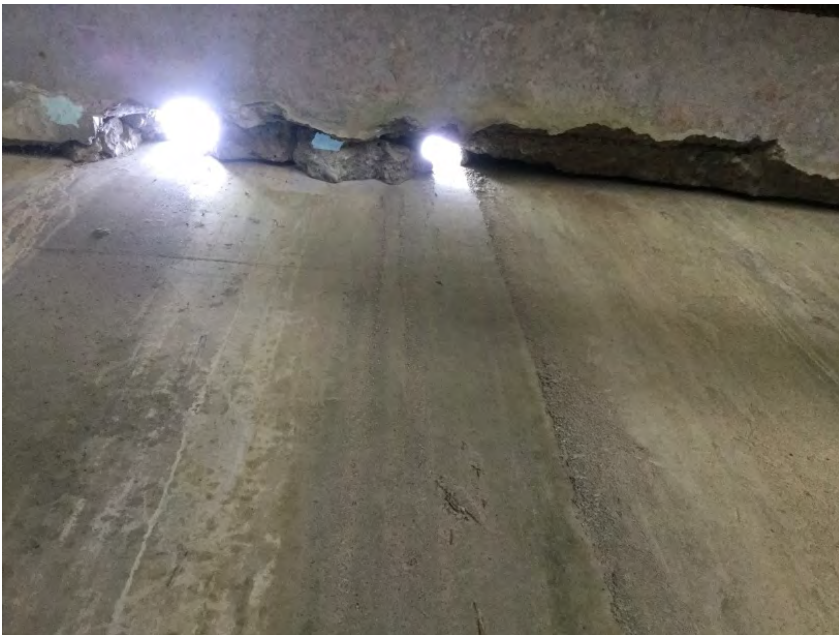
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Superstructure



Left approach deck panel damage