

SC-8050

MCNAIR 1.5km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°30'55"	-123°30'2"
Crossing Name	McNair Creek
FSR #	8629
Branch #	1
Road Name	MCNAIR
User km	1.5
Previous Load Rating (tonnes)	136
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)	21.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5512015.5
Accuracy (m)	

Inspection

Date of Inspection 2020-11-05 8:50:47 AM

Recommended Next Inspection Year 2022

Inspector Name Richard Mills

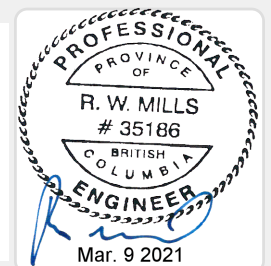
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Corrosion on girders at deck joint, us left side. Clear debris off deck nearby to stop water flow near this section to limit corrosion. Monitor.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 18, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2022



P.Eng Seal

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Approach

Alignment **Good**

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

Road Surface **Fair**

Potholes both approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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**Deck**

Running Surface	Fair	Potholes both approaches
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Good	
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Grout Pockets	Good	
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Deck Joints	Good	
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Good	
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Hand Rails/Walkouts		
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Hardware	Good	
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Overall Deck Condition	Fair	Gravel on deck
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Gravel Depth (mm)		
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Pier Deck		
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**Steel/Concrete**

Girders Fair

Moderate rust scale us woods side.

Diaphragms

Bracing

Under Trussing

Hardware

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)	1.0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Clean deck, fill potholes
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2		
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3		
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Item	Monitor Description	Frequency
1	Monitor corrosion on girders.	Routine Inspection

2		
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3		
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Sketch
(Select Signature)

Upstream Profile



Approach from Right Bank when facing downstream



Upstream Profile



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



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Upstream Profile



Downstream Profile



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