

# Highway Bridge Inspection Report

**RAWSON AVENUE  
RAWSON AVENUE  
over  
MEGUNTICOOK RIVER**



**Inspection Date:** 03/18/2019

**Inspected By:** Steve Harris

**Inspection Type(s):** Routine

Inspector: Steve Harris

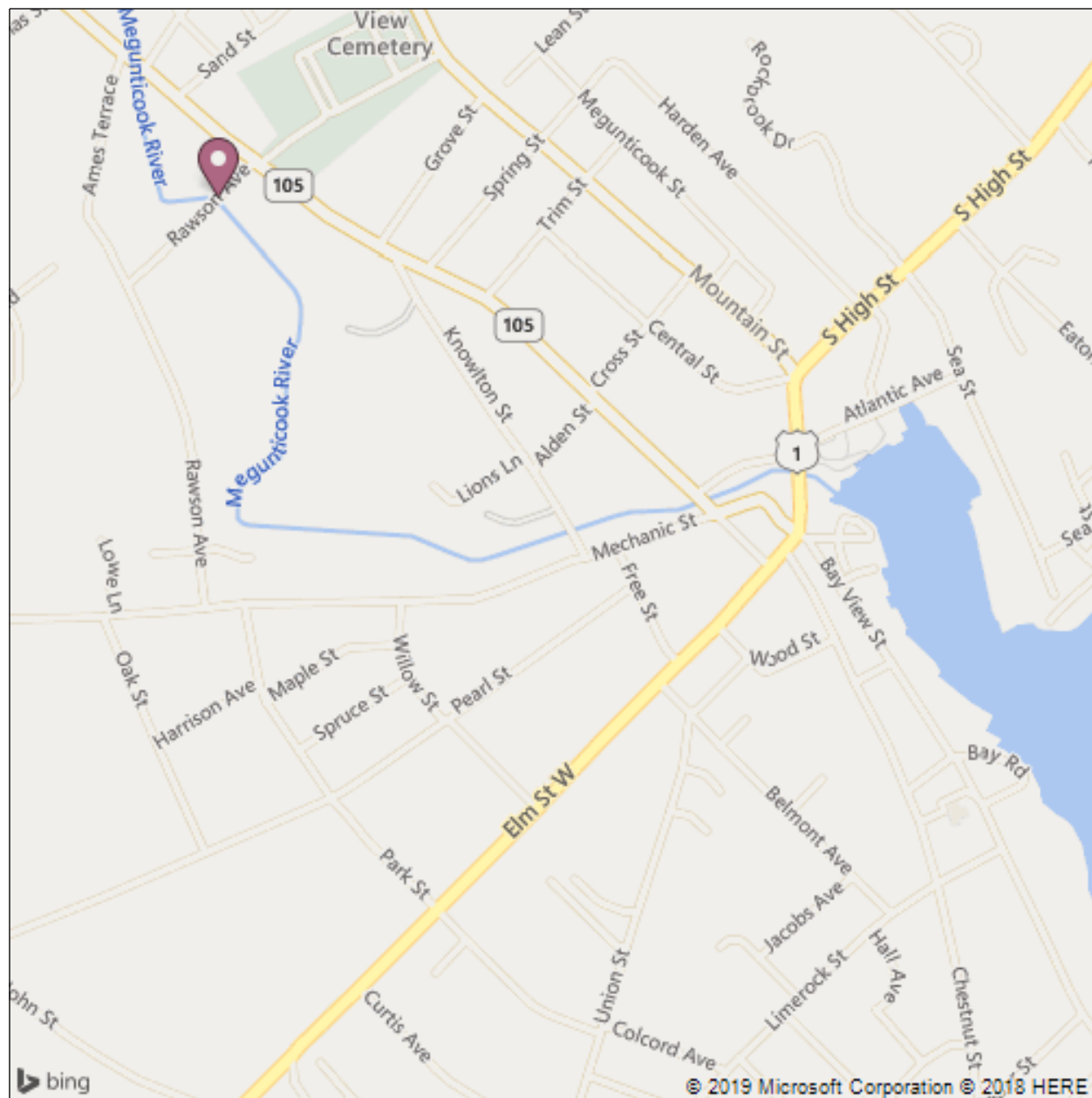
Structure Number: 3173

Inspection Date: 03/18/2019

Facility Carried: RAWSON AVENUE

## Highway Bridge Inspection Report

### Location Map



Latitude: 44.21451

Longitude: -69.07634

## Inspection Notes

Structure Number: 3173

Town: Camden

Structure Name: RAWSON AVENUE

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### Structure Notes

Two span concrete slab.

Posted 5 tons

### Wearing Surface

Approximately 20% cracking bituminous wearing surface.  
Built up layers of bituminous are masking underlying deck issues.  
The side walk has been patched with asphalt.

### Deck

NBI Item 58: 3

### Superstructure

NBI Item 59: 3

Bottom of slab has 100% extensive longitudinal cracking with very active efflo stalactites and rust staining.  
Bottom of the slab has 25% delaminated concrete and 5-10% spalled with exposed re-steel.  
Upstream fascia at pier has spalling with delam and efflo.  
Diaphragm under sidewalk at piers and abutments has approximately 50% spalls and delam.  
Slab under sidewalk/curb in North span has 18"+/- deep x 20"+/- high spall for approximately 11ft with multiple exposed reinforcing bars.

### Substructure

NBI Item 60: 2

Heavy scaling and cracking of pier nose both at up and down stream ends. Downstream end has large spall with delam up to 6" deep full height.  
Heavy staining of pier breastwalls with extensive active efflo and delaminating with crumbling concrete.  
see latest U/W report for details on exposed abutment footings.  
NW wing has heavy erosion behind it from high water events.  
Moderate scaling below waterline.

### Culvert

NBI Item 62: N

### Channel

NBI Item 61: 4

Scour placards in place.

**Other**

NW timber retaining wall has collapsed.  
Severe flooding of Megunticook River occurred during the week of 4/5/09.

**Special Inspection**

**Monitoring**

**Pontis Notes**

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## Pictures



PHOTO 1

Description Roadway looking West



PHOTO 2

Description Bituminous Wearing Surface View - Moderate Cracking



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#### Pictures



PHOTO 3

Description Concrete Sidewalk - Large Bituminous Patches



PHOTO 4

Description Pier View - downstream - Heavy scaling

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## Pictures



PHOTO 5

Description      Slab View - West Span - Heavy Cracking with active efflo



PHOTO 6

Description      Pier View - West Side - Cracking Staining and Efflo



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PHOTO 7

Description West Abutment View - Footing exposed



PHOTO 8

Description View looking downstream



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PHOTO 9

Description Pier View - East Side - Delamination and efflo



PHOTO 10

Description Slab View - East Span - Cracking with active efflo



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PHOTO 11

Description NE Wing - Past Concrete Scour repairs failed



PHOTO 12

Description Pier View - East Side

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**Highway Bridge Inspection Report**

**Pictures**



PHOTO 13

Description    East Abutment View