



Deval L. Patrick, Governor  
Timothy P. Murray, Lt. Governor  
Richard A. Davey, Secretary & CEO  
Frank DePaola, Administrator



September 6, 2011

Conservation Commission  
472 Main Street  
Acton, MA 01720

RE: **Acton, Boxborough and Littleton – Route 2 Resurfacing Project (No. 604472)  
Request for Determination of Applicability Submission**

Dear Commission Members:

Pursuant to the Massachusetts Wetlands Protection (M.G.L. Chapter 131, Section 40), MassDOT Highway Division respectfully submits this Request for Determination of Applicability application packet for the commission's review.

This project consists of resurfacing Route 2 in Acton, Boxborough and Littleton. The western limit of this project is the Route 2 bridge over Foster Street in Littleton (mm 113.8±). The eastern limit of this project is the Acton / Concord town line (mm 120.1±). The total length of this project is approximately 6.3 miles. The limits of work also include the ramps at Central Street, Route 27 and Piper Road. Please refer to enclosed locus map and scope of work narrative for more site specific information.

This project is proposed to occur within the buffer zones of natural watercourses and bordering vegetated wetlands. Prior to construction, erosion control barriers will be installed to protect and prevent encroachment into environmentally sensitive areas.

Should you have any additional questions regarding this matter, please contact William M. Clougherty, P.E. at (508) 929-3911.

Sincerely,

Ronald E. Dionne, P.E.  
District 3 Highway Director

WMC/Encl.

cc: M.O. File  
Projects File  
DEP CERO

Certified Mail No.: 7006 2760 0003 2817 9367

Ten Park Plaza, Suite 4160, Boston, MA 02116  
Tel: 617-973-7000, TDD: 617-973-7306



# WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

## A. General Information

**Important:**  
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Ronald E. Dionne, P.E.

Name

E-Mail Address

403 Belmont Street

Mailing Address

Worcester

City/Town

MA

01604

State

Zip Code

(508) 929-3800

Phone Number

(508) 799-9763

Fax Number (if applicable)

2. Representative (if any):

MassDOT Highway Division

Firm

William M. Clougherty, P.E.

Contact Name

William.Clougherty@state.ma.us

E-Mail Address

403 Belmont Street

Mailing Address

Worcester

City/Town

MA

01604

State

Zip Code

(508) 929-3911

Phone Number

(508) 799-9763

Fax Number (if applicable)

## B. Determinations

1. I request the Acton  
Conservation Commission make the following determination(s). Check any that apply:

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance or bylaw** of:

Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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## C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

|                           |                                 |
|---------------------------|---------------------------------|
| Route 2                   | Acton, Boxborough and Littleton |
| Street Address            | City/Town                       |
| N/A                       | N/A                             |
| Assessors Map/Plat Number | Parcel/Lot Number               |

b. Area Description (use additional paper, if necessary):

Mainline and ramps at Exits 41, 42 and 43.

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c. Plan and/or Map Reference(s):

|                      |       |
|----------------------|-------|
| Locus Map (USGS Map) | 2011  |
| Title                | Date  |
| _____                | _____ |
| Title                | Date  |
| _____                | _____ |
| Title                | Date  |
| _____                | _____ |

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

Please refer to enclosed "Scope of Work" narrative.

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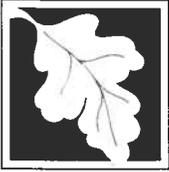
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## WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

### C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

Limited Project - 310 CMR 10.53 (f) Maintenance and improvement of existing public roadways, but limited to widening less than a single lane, adding shoulders, correcting substandard intersections, and improving inadequate drainage systems.

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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## D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office (see Attachment) were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

MassDOT Highway Division

Name

403 Belmont Street

Mailing Address

Worcester

City/Town

MA

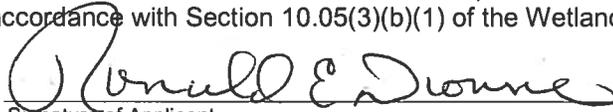
State

01604

Zip Code

Signatures:

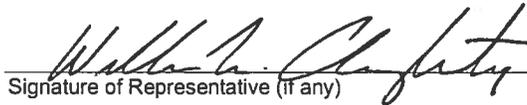
I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.



Signature of Applicant

September 6, 2011

Date



Signature of Representative (if any)

September 6, 2011

Date

**Acton / Boxborough / Littleton Route 2  
(Job # 604472)**

**Scope of Work**

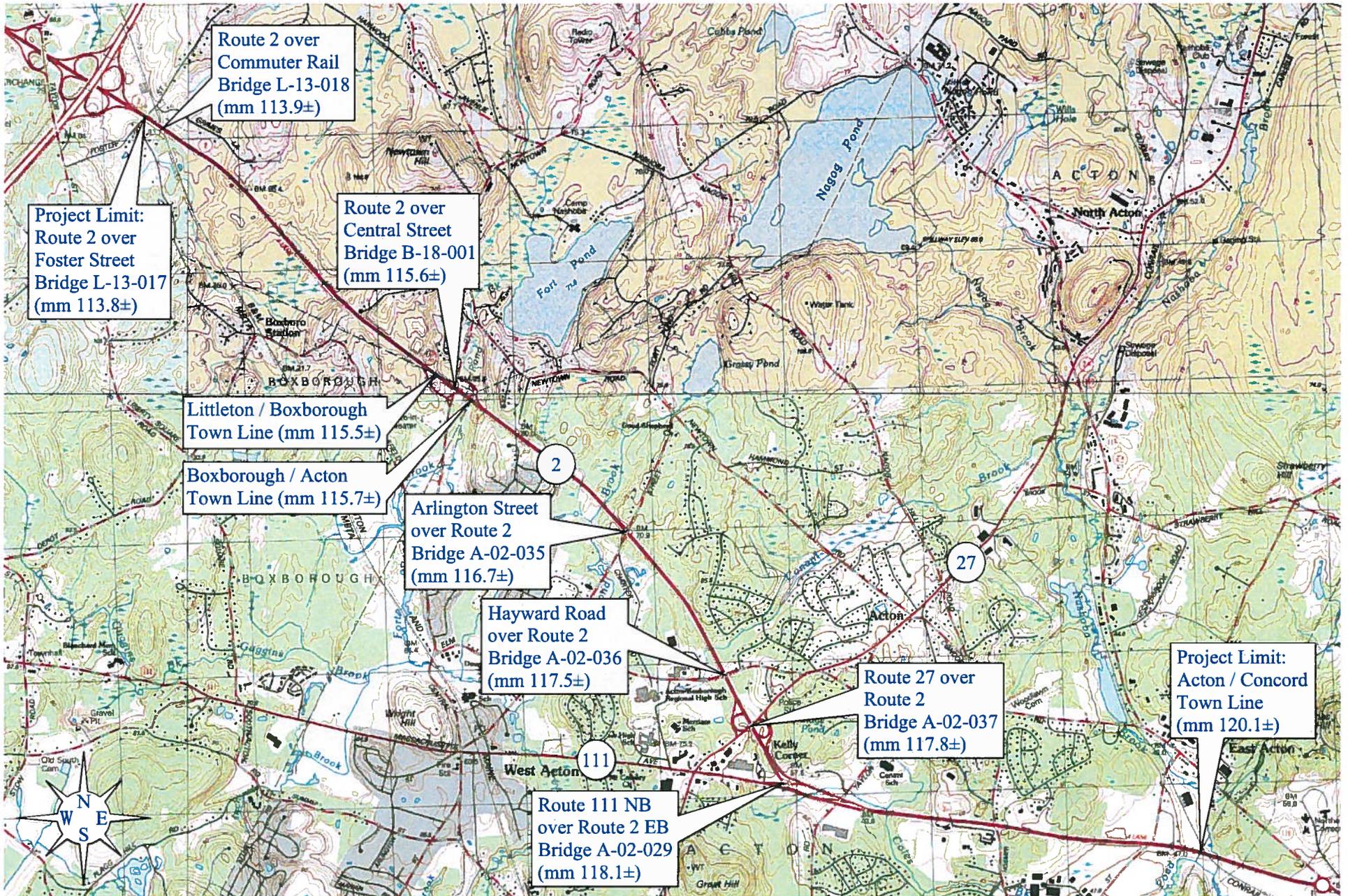
This project consists of resurfacing Route 2 in Acton, Boxborough and Littleton. The western limit of this project is the Route 2 bridge over Foster Street in Littleton (mm 113.8±). The eastern limit of this project is the Acton / Concord town line (mm 120.1±). The total length of this project is approximately 6.3 miles. The limits of work also include the ramps at Central Street, Route 27 and Piper Road.

The work to be done primarily includes Quality Control pavement micromilling and resurfacing of the existing mainline, ramp and bridge deck roadway surfaces using Quality Assurance Specifications for Hot Mix Asphalt Pavement. Mainline paving shall consist of a HMA Friction Course – Asphalt Rubber Gap Graded (HMA – ARGG). Ramp paving shall consist of a Superpave Surface Course – 12.5 (SSC - 12.5). HMA bridge decks shall be completely stripped (including membrane) to allow for partial depth or full depth bridge deck repairs. Following bridge deck repairs, a System 3 membrane, a Superpave Bridge Protective Course – 12.5 (SPC-B-12.5) and a Superpave Bridge Surface Course – 9.5 (SSC-B-9.5) shall be installed. Recessed polyurea pavement markings shall be installed throughout the project.

Related work includes: adjusting, rebuilding and remodeling drainage structures; resetting granite edging, granite curbing and sloped paving under bridges; replacing Type A berm; clearing and grubbing to re-establish clear zones; and replacing signs. Incidental work includes instituting traffic controls during construction operations.

This project is proposed to occur within the buffer zones of natural watercourses and bordering vegetated wetlands. Prior to construction, erosion control barriers will be installed to protect and prevent encroachment into environmentally sensitive areas.

**Acton / Boxborough / Littleton Route 2**  
**(Job # 604472)**  
**Page 1 of 1**



**From:** [Clougherty, William \(DOT\)](#)  
**To:** [Natural Resources Department: Tom Tidman](#)  
**Cc:** [Quistorff, Hud \(DOT\)](#)  
**Subject:** Route 2 Resurfacing Project (604472)-October 5th Meeting-Request for Continuance  
**Date:** Friday, September 30, 2011 1:32:25 PM

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Hi Tom,

MassDOT Highway Division is currently revising the scope of work of this project. Therefore, the District respectfully requests a continuance of our scheduled October 5<sup>th</sup> meeting. I will be out of the office early next week. In my absence feel free to contact Hud Quistorff, from our Project Development office, should you have additional questions or concerns. Mr. Quistorff can be reached directly at 508 929-3857.

Regards,

Bill

**William M. Clougherty, P.E.** | District 3 Environmental Engineer | [massDOT Highway Division](#)  
|403 Belmont Street, Worcester, MA 01604|phone (508) 929 3911|e-mail [william.clougherty@state.ma.us](mailto:william.clougherty@state.ma.us)

**From:** [Tom Tidman](#)  
**To:** [Andrea Ristine](#)  
**Subject:** FW: Route 2 Resurfacing Project (604472)-October 5th Meeting-Request for Continuance  
**Date:** Tuesday, October 18, 2011 5:08:23 PM

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**From:** Clougherty, William (DOT) [mailto:[william.clougherty@state.ma.us](mailto:william.clougherty@state.ma.us)]  
**Sent:** Tuesday, October 18, 2011 4:18 PM  
**To:** 'nr@acton-ma.gov'; Tom Tidman  
**Cc:** Quistorff, Hud (DOT)  
**Subject:** FW: Route 2 Resurfacing Project (604472)-October 5th Meeting-Request for Continuance

Tom,

As discussed yesterday, the District wishes to request a continuance of the above-referenced RDA submission. MassDOT has engaged the services of an engineering consultant to design stormwater drainage system upgrades, which will be constructed as part of this roadway maintenance project. I hope to have more definitive information soon relative to the design timeline and will advise you accordingly.

Thank you,

Bill

**William M. Clougherty, P.E. | District 3 Environmental Engineer | [massDOT | Highway Division](#)**  
|403 Belmont Street, Worcester, MA 01604|phone (508) 929 3911|e-mail [william.clougherty@state.ma.us](mailto:william.clougherty@state.ma.us)

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**Sent:** Friday, September 30, 2011 1:32 PM  
**To:** 'nr@acton-ma.gov'; 'ttidman@acton-ma.gov'  
**Cc:** Quistorff, Hud (DOT)  
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Regards,

Bill

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