

Commonwealth of Massachusetts

Executive Office of Environmental Affairs ■ MEPA Office

ENF

Environmental Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	14443
MEPA Analyst:	RICK BOURRE
Phone:	617-626-1830

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Reconstruction of Broadway/Alford Street (Route 99) - Everett, Boston		
Street: Broadway and Alford Street (Route 99)		
Municipality: Everett, Boston	Watershed: Mystic River	
Universal Transverse Mercator Coordinates:	Latitude: 42.397565 Degrees Longitude: -71.064625 Degrees	
Estimated commencement date: Spring 2010	Estimated completion date: Spring 2011	
Approximate cost: \$3.5 Million	Status of project design: 25 %complete	
Proponent: MassHighway		
Street: 10 Park Plaza		
Municipality: Boston	State: MA	Zip Code: 02116
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Jessie Wilson		
Firm/Agency: MassHighway	Street: 10 Park Plaza	
Municipality: Boston	State: MA	Zip Code: 02116
Phone: 617-973-8281	Fax: 617-973-8879	E-mail: Jessie.Wilson@mhd.ma.state.us

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)? Yes No
- Has this project been filed with MEPA before? Yes (EOEA No. _____) No
- Has any project on this site been filed with MEPA before? Yes (EOEA No. _____) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
 - a Single EIR? (see 301 CMR 11.06(8)) Yes No
 - a Special Review Procedure? (see 301 CMR 11.09) Yes No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres):
 It is anticipated that the Massachusetts Highway Department will fund 20% and the Federal Highway Administration will fund 80% of the construction costs.

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify _____) No

List Local or Federal Permits and Approvals: National Environmental Policy Act Categorical Exclusion – Federal Highway Administration; Section 106 of the National Historic Preservation Act Review/Clearance – Massachusetts Historical Commission

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|---------------------------------|---------------------------------------|---|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input checked="" type="checkbox"/> Transportation (301 11.03(6)(b)2.b.) |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage	5 Acres			
New acres of land altered		N/A		
Acres of impervious area	5 Acres	N/A	5 Acres	
Square feet of new bordering vegetated wetlands alteration		N/A		
Square feet of new other wetland alteration		N/A		
Acres of new non-water dependent use of tidelands or waterways		N/A		
STRUCTURES				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
TRANSPORTATION				
Vehicle trips per day	43,100 ADT (Year 2006)	N/A	43,100 ADT (Year 2006)	
Parking spaces	Non-delineated on-street parking	N/A	Non-delineated on-street parking	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/ treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	N/A	N/A	

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify _____) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

A review of project plans, the State and National Registers of Historic Places and Information compiled from the Massachusetts Historical Commission (MHC)'s statewide inventory by MassHighway's Cultural Resources Unit (CRU) staff has revealed no State/National Register-listed properties that are within or immediately adjacent to the project area. However, the project route passes by as many as nine inventoried industrial/commercial properties that date from the late nineteenth through the mid-twentieth centuries.

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

No recorded archaeological sites have been identified in the immediate vicinity of the project area. CRU staff will evaluate project impacts to National Register-listed or -eligible properties within the project's Area of Potential Effect (APE), and will coordinate their review with the MHC under the terms of the amended Section 106 Programmatic Agreement.

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

The MassHighway Department and the Cities of Everett and Boston are proposing improvements to Route 99 (Broadway and Alford Street). Route 99 is functionally classified as an Urban Arterial with an average daily traffic (ADT) of 43,100. Route 99 is a critical element for the commuting public traveling to Boston and the surrounding areas. The extent of Broadway and Alford Street within the project limits is in need of reconstruction due to the poor conditions of the roadway pavements and unsafe conditions for pedestrian and bicyclists.

The project includes the upgrade of four signalized intersections (at the intersection of Broadway and Beacham Street, at the intersection of Broadway and Bowdoin Street, at the intersection of Alford Street and Dexter Street, and at the intersection of Alford Street and an industrial access drive) including minor curb line adjustments and the rehabilitation of approximately 2,750 feet of sidewalk and roadway (Broadway) in Everett and the reconstruction of approximately 1,500 feet of

sidewalk and roadway (Alford Street) in Boston.

The project includes the reconstruction of sidewalks along both sides of Broadway (widening the eastern curbline by 2 feet for approximately 1,550 feet in length impacting 9 public shade trees), cold planning and structural overlay of approximately 2,480 feet of roadway (Broadway), and the full depth reconstruction of approximately 270 feet of roadway (Broadway). The project includes the reconstruction of sidewalks along both sides of Alford Street, cold planning and structural overlay of approximately 1,500 feet of roadway (Alford Street). The reconstruction on Alford Street does not include any significant geometric changes.

The project will provide bicycle accommodation to Broadway and Alford Street (Route 99) per the MassHighway Project Development & Design Guide by providing bicycle shoulders and share-use lanes. Providing this bicycle accommodation necessitates the above noted 2 foot curb widening within Everett.

The 2 foot curb widening within Everett will impact 9 public shade trees. Site observations reveal that these existing trees are in distress and in generally poor health. A number of them do not produce leaves during the growing season. All impacted street trees (including the 9 public shade trees) will be replaced with new streets installed per current modern standards in new tree pits with appropriate plantable soil. Alternate roadway typical sections were developed for discussion with MassHighway and City Officials, however to achieve bicycle accommodation per MassHighway Project Development & Design Guide criteria the 2 foot curb widening is required.

The four traffic signal upgrades will be interconnected to improve traffic operations and functionality. The traffic signal rehabilitation is intended to bring existing traffic signal systems at the four above noted locations into conformance with the 2003 Edition of the Manual on Uniform Traffic Control Devices (MUTCD) and improve traffic operations and capacity.

The proposed roadway profile is to match the existing as closely as possible, only minor modifications to the curb line are proposed. The back of sidewalk location and grade will closely match existing conditions with appropriate transition to abutting properties. Improvements to the stormwater management system, ADA/AAB compliant wheelchairs ramps, minor landscaping, and the replacement of existing traffic signage are also included in the project.

The proposed project exceeds the Massachusetts Environmental Policy Act (MEPA) review threshold for Transportation. In accordance with the MEPA regulations (301 CMR 11.03(6)(b)2.b.) an Environmental Notification Form is required because the project involves the removal of five or more living public shade trees of 14 or more inches in diameter at breast height.