

ENF Environmental Notification Form

For Office Use Only
 Executive Office of Environmental Affairs
 EOEA No.: *14406*
 MEPA Analyst: *PURVI PATEL*
 Phone: 617-626-*1029*

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: <i>Thrasher Street Reconstruction Project</i>		
Street: <i>Thrasher and East Britannia Streets</i>		
Municipality: <i>Raynham</i>	Watershed: <i>Taunton</i>	
Universal Transverse Mercator Coordinates:	Latitude: <i>4643143 (Northing)</i> Longitude: <i>328032 (Easting); Zone 19</i>	
Estimated commencement date: <i>6/1/2009</i>	Estimated completion date: <i>10/1/2009</i>	
Approximate cost: <i>\$670,000</i>	Status of project design: <i>70 %complete</i>	
Proponent: <i>Town of Raynham Highway Department</i>		
Street: <i>1555 King Philip Street</i>		
Municipality: <i>Raynham</i>	State: <i>MA</i>	Zip Code: <i>02767</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>Dana C. Huff, P.E.</i>		
Firm/Agency: <i>Tighe & Bond, Inc.</i>	Street: <i>53 Southampton Road</i>	
Municipality: <i>Westfield</i>	State: <i>MA</i>	Zip Code: <i>01085</i>
Phone: <i>413-562-1600</i>	Fax: <i>413-562-5317</i>	E-mail: <i>DCHuff@tighebond.com</i>

- 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 301CMR 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): *Town of Raynham Conservation Commission to Town of Raynham (1.78 acres land removed from APR at Borden Colony)*

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

List Local or Federal Permits and Approvals:
MAWPA Order of Conditions (Raynham Conservation Commission)

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

- | | | |
|--|---------------------------------------|--|
| <input checked="" type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <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 checked="" 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 checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> Article 97
Total site acreage	NA			
New acres of land altered		8.8		
Acres of impervious area	2.9	2.4	5.3	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0	0	
TRANSPORTATION				
Vehicle trips per day	NA	NA	NA	
Parking spaces	NA	NA	NA	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0	0	

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: 1.78 acres of land has been removed from APR at Borden Colony to accommodate roadway right-of-way post-realignment. Refer to Sections 2 and 5 of this document for details.) No

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

Yes (Specify: See above) 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: *Work will occur within Priority and Estimated Habitat. Refer to Section 6 of this document for details.*) 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 the Massachusetts Historical Commission (MHC) Massachusetts Cultural Resource Information System (MACRIS) database does not indicate the presence of cultural resources in the project area. The Borden Colony property does not appear to be listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth. A November 2005 Raynham Reconnaissance Report prepared by the Massachusetts Department of Conservation and Recreation (MADCR) as part of the Massachusetts Heritage Landscape Inventory Program contains the following statement: "Archaeological evidence of a village site dating from 3000 years ago is at the Borden Colony near the intersection of Thrasher, King Phillip and Gardner Streets". Given the limited scope of the project, adverse impacts to cultural resources are not anticipated.

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

Yes (Specify _____) No

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 Town of Raynham Highway Department (the Town) is undertaking this project to improve the safety of the roadway by addressing the geometry of its alignment. A closed stormwater management system is proposed for the portion of the project receiving the full reconstruction, which is intended to improve the roadway conditions from the current "country drainage" in this area. The proposed improvements and all associated work are located in Raynham, Massachusetts. The proposed stormwater improvements for the project entail adding catch basins, manholes, drainage piping and four detention basins in and along Thrasher Street. The project will be funded with Chapter 90 municipal dollars, but required the removal of approximately 1.78 acres of land at Borden Colony from Agricultural Preservation Restriction (APR) which triggered MEPA review. The project is located along the northerly sections of Thrasher Street, as well as East Britannia Street between the Raynham-Taunton municipal boundary to the west and King Philip Street to the east.

The project consists of the following activities:

- Reconstruction of approximately 2,900 linear feet of Thrasher Street*
- Construction of stormwater management Best Management Practices (BMPs) in accordance with current Massachusetts Wetlands Protection Act (MAWPA) regulations and best engineering practices*
- Reclamation and repaving of approximately 1,930 linear feet of Thrasher Street and East Britannia Street*
- Reconstruction of the intersection of Thrasher Street and King Philip Street*

In addition to the roadway reconstruction, the Town has taken into consideration future planning for the reuse of the former municipal landfill on Thrasher Street. Potential future uses, such as a shooting range and parking area, have been contemplated and the associated stormwater flows have been included in the model and calculations presented in the stormwater management design discussed in detail in Section 4 of this document. Since the former landfill falls under the jurisdiction of 310 CMR 19.000, Solid Waste regulations, it is reasonable to assume that future capping of this facility will be required at some point.

This project incorporates the stormwater generated from a future parking area and future pistol range that would be associated with the final closure of the landfill. The construction of these amenities on the landfill is not proposed under this project, however, the associated stormwater controls for this future re-development are included in this design.

The project site consists of the public roadway right-of-way within the area shown on the USGS site locus provided as Figure 1 in Section 2 of this document. Land uses within the area can be described as industrial/ commercial, open space, former residential, and undeveloped. Wetland resource areas (e.g. Bordering Vegetated Wetlands) have been delineated and confirmed to both the north and south of the project limits. Wetland boundaries are shown on the project plans provided in Section 2 of this document.

*Wetland areas are discussed in further detail in Section 4 of this document. Additionally, as shown on Figure 2 in Section 2 of this document and on the project drawings (also provided in Section 2), portions of work will occur within the limits of mapped rare species habitat. The Massachusetts Natural Heritage and Endangered Species Program (NHESP) has identified both the Eastern Box Turtle (*Terrapene carolina*) and Hessel's Hairstreak (*Callophrys hesseli*) as having been found within the vicinity of the proposed project area. A discussion of rare species is presented in Section 4 of this document.*

The open space adjacent to the project limits consists of Borden Colon located to the south of Thrasher Street and Pine Swamp located to the north of Thrasher and East Britannia Streets. As previously referenced, the Town has already procured a transfer of a portion of Borden Colony land out of APR to accommodate the reconstruction of a section of Thrasher Street. This change in land use is discussed in detail in Section 5 of this document. No changes will occur relative to Pine Swamp.

Refer to the following document sections for further discussion of the project and surrounding area.