

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 1.3.5.50
MEPA Analyst: Beijing Angus
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: Rehabilitation of Ipswich Road		
Street: Ipswich Road between Route 97 and Route 1 (0.8 miles)		
Municipality: Topsfield	Watershed: Ipswich River (Mile Brook)	
Universal Transverse Mercator Coordinates: UTM Zone 19 340568 E, 4723892 N	Latitude: 42d 39' 04" N	Longitude: 70d 56' 42" W
Estimated commencement date: March 2006	Estimated completion date: October 2008	
Approximate cost: \$2.1 million	Status of project design: 95 %complete	
Proponent: Town of Topsfield Highway Department, David M. Bond, Superintendent		
Street: 8 West Common Street		
Municipality: Topsfield	State: MA	Zip Code: 01983
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Steven J. Tyler, P.E.		
Firm/Agency: Bayside Engineering, Inc.	Street: 5 Middlesex Avenue, 3rd Floor	
Municipality: Somerville	State: MA	Zip Code: 02145
Phone: 617.625.4696	Fax: 617.625.5095	E-mail: styler@baysideengineering.com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
301CMR 11.03 (6)(a)2
- 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):

Design funding provided by Town of Topsfield; Construction funding provided by MassHighway

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

List Local or Federal Permits and Approvals:

Federal: NPDES (filed/obtained by construction contractor). Local: Topsfield Conservation Commission Approval - Order of Conditions per MGL Chapter 131; Section 40, and Section 62-7 of the Topsfield Wetlands General Bylaw.

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

This roadway improvement and sidewalk extension project requires cutting more than five shade trees of 14 or more inches in diameter at breast height, therefore, an ENF is required pursuant to 301 CMR 11.03(6)(b)1.b.

- | | | |
|---------------------------------|---------------------------------------|--|
| <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 |
| <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>
Total site acreage	4.8 acres			
New acres of land altered		0		
Acres of impervious area	3.6 acres	0.5 acres	4.1 acres	
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				
Ipswich Road	4800	0	4800	
Parking spaces	0	0	0	
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	

NPDES Construction Permit (by contractor)

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

According to the Natural Heritage and Endangered Species Program (NHESP) 5/22/02 letter and June 2003 Atlas Map (refer to Attachment 2) there are not any rare plants or animals or exemplary natural communities in the area of this site.

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

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 Topsfield is planning on rehabilitating Ipswich Road beginning at Route 97 and continuing easterly for approximately 4,200 feet (0.8 miles) to Route 1. Pavement markings and signing upgrades are also included. The rehabilitation is necessary to improve the roadway pavement and traffic safety conditions and to make necessary handicap accessibility upgrades and stormwater quality improvements. The project also includes the replacement of existing of water main beneath North Street (630 linear feet), Haverhill Street (1100 linear feet) and Pine Street (860 linear feet). Following is a description of the proposed improvements.

Proposed Improvements

The proposed improvements will consist of roadway rehabilitation including full depth roadway reclamation, cold planing and resurfacing of the existing roadway and constructing new driveway aprons. Minor widening is proposed to provide uniform roadway and safety shoulder widths. The existing pedestrian sidewalk on the north side of Ipswich Road will be extended from its current terminus at the North Street intersection approximately to the intersection with Averhill Street, approximately 320 meters (1050 feet). Pavement markings and signing upgrades are also included.

Drainage improvements will be provided within the project limits including replacing all existing drainage inlet structures (i.e., catch basins), drainage trunk lines and adding new inlet and manhole structures where needed. All drainage inlet structures will include deep sumps, which will improve the overall water quality treatment provided for the entire project limits. The existing drainage outlets, outlet pipe sizes, discharge points and overall drainage conditions will otherwise be retained.

All work associated with the proposed North Street, Haverhill Street and Pine Street water main replacement work will occur within the existing roadway layout. The water main replacement work will include replacing existing water service connections and fire hydrants.

The will not be any impacts to wetland resource areas.

Mitigation Measures

All appropriate best management practices (BMPs) for sedimentation and erosion control shall be included. New drainage inlet structures (i.e., catch basins) shall include deep sumps to improve the removal of roadway sediments. Silt fence and staked hay bales shall be installed between the limits of work and all wetland and riparian areas as shown on the construction plans. The appropriate BMP's (sediment sacks) shall also be included at all drainage structure inlets during construction (refer to construction plans sheet no. 6). Staked hay bales will be installed between the existing edge of road and wetland resource areas located within 100 feet of the proposed water main work.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to land (see 301 CMR 11.03(1))
 Yes No; if yes, specify each threshold:

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	0	0	0
Roadways, parking, and other paved areas	3.6 acres	0.5 acres	4.1 acres
Other altered areas (describe)	0	0	0
Undeveloped areas	0	0	0

B. Has any part of the project site been in active agricultural use in the last three years?
 Yes No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use? Yes No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? Yes No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? Yes No; if yes, does the project involve the release or modification of such restriction? Yes No; if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? Yes No; if yes, describe:

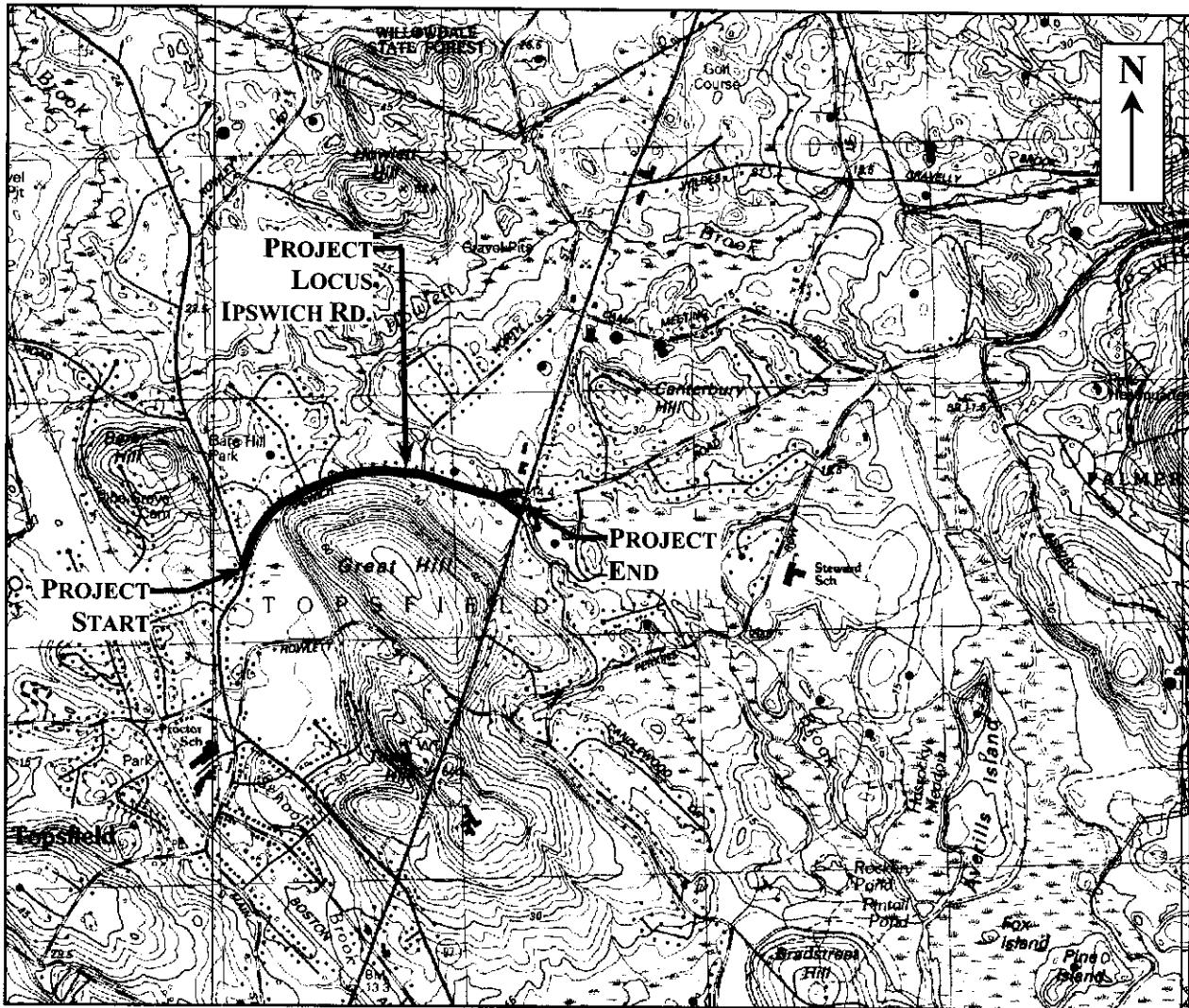
G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes No ; if yes, describe:

H. Describe the project's stormwater impacts and, if applicable, measures that the project will take to comply with the standards found in DEP's Stormwater Management Policy:

As a redevelopment project, the project is required to comply with the DEP's Stormwater Management Policy to the extent practicable, to improve existing conditions. The design has met that objective by replacing all existing stormwater catch basins with deep sump catch basins to improve water quality. In addition, the Topsfield Highway Department has agreed to maintain the reconstructed drainage system including cleaning all drainage structures at least two times per year and provide additional cleaning or maintenance on an as needed basis. These drainage improvements will improve the water quality at the existing discharge locations compared to existing.

ATTACHMENT 1 - PROJECT LOCUS MAP

REHABILITATION OF IPSWICH ROAD BETWEEN ROUTE 97 AND ROUTE 1
(APPROX. 0.8 MILES), TOPSFIELD, MA



Reference: USGS – MassGIS TopoQuad – Georgetown Quadrangle