

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOEA No.: 12971
 MEPA Analyst: Bill GAGE
 Phone: 617-626-1025

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 West Chestnut Street		
Street: West Chestnut Street		
Municipality: Brockton	Watershed: Taunton	
Universal Tranverse Mercator Coordinates: 190329E, 4657630N to 190330E, 4657735N	Latitude: Start: 42° 03' 12" N END: 42° 03' 19" N	Longitude: 71° 04' 01" W 71° 03' 04" W
Estimated commencement date: Spring 2003	Estimated completion date: Fall, 2004	
Approximate cost: \$1,000,000.00	Status of project design: 75 % complete	
Proponent: Massachusetts Highway Department		
Street: Ten Park Plaza		
Municipality: Boston	State: MA	Zip Code: 02116-3973
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Matthew F. DeSorbo		
Firm/Agency: MassHighway	Street: 10 Park Plaza - Room 4260	
Municipality: Boston	State: MA	Zip Code: 02116-3973
Phone: 617-973-7882	Fax: 617-973-8879	E-mail: matthew.desorbo@state.ma.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 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): Federal Aid, Congestion Mitigation Air Quality – 80%, MassHighway – 20% of 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: 1. Brockton Conservation Commission – Order of Conditions, Army Corps of Engineers Programmatic General Permit.

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

- Land
- Water
- Energy
- ACEC

- Rare Species
- Wastewater
- Air
- Regulations

- Wetlands, Waterways, & Tidelands
- Transportation
- Solid & Hazardous Waste
- 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	8.5±			
New acres of land altered		0.5±		
Acres of impervious area	5.8±	1.4	7.2±	
Square feet of new bordering vegetated wetlands alteration		965±		
Square feet of new other wetland alteration		25,485±		
Acres of new non-water dependent use of tidelands or waterways		0		
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	18,300	0	18,300	
Parking spaces	0	0	0	
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

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 Massachusetts Highway Department and the City of Brockton are proposing to reconstruct a portion of West Chestnut Street, a local road, in the City of Brockton. The section of West Chestnut Street is approximately 1,340 meters (4,400 linear feet) in length, beginning at Pearl Street and extending easterly to a point 165 meters (540 linear feet) east of Knapp Centre. An Environmental Notification Form is required due to the proposed widening of West Chestnut Street, and the removal of 10 public shade trees from a public way other than a Massachusetts State Highway Right of Way.

The purpose of the proposed project is to improve traffic safety and traffic flow through the project area. West Chestnut Street is a two-lane east/west roadway in a highly industrialized area of the City of Brockton. West Chestnut is an Urban principal Arterial with a current average daily traffic volume (ADT) of 18,300 vehicles per day (vpd). There are three primary intersections within the project limits: West Chestnut at Pearl Street, West Chestnut at Liberty Street and West Chestnut at Manley Street. These unsignalized intersections all operate at Levels of Service (LOS) "F" during the morning and afternoon peak commuter periods. Accident rates at all three intersections are well above the Statewide average for unsignalized intersections.

The proposed improvements include minor roadway widenings for the entire length of the project to provide one 3.75-meter (12 ft) wide travel lane and a 2.5-meter (8 ft) useable shoulder in each direction. The project also includes widenings at the three project intersections to provide turn lanes. Traffic signals will be installed at all three locations and a sidewalk will be constructed on the south side of West Chestnut Street for the entire project length. An extended portion of Pearl Street will be reconstructed as well as the bridge on West Chestnut Street. With the proposed improvements in place, the LOS at the three project intersections will be "B" or better during the weekday morning and afternoon peak hour periods under existing traffic conditions. Please refer to the attached typical plans and sections showing the proposed improvements. In accordance with the Bridge Exemption Clause found within the 2000 Transportation Bond Bill all bridges associated with this project are exempt from the Massachusetts Environmental Policy Act, the Massachusetts Wetlands Protection Act and the Chapter 91 Waterways Regulations.

Overall the existing drainage patterns and discharge points will remain the same throughout the project area. Existing catch basins will be replaced with deep sump catch basins with connections to the existing storm drain system. The existing storm drain system will be cleaned and maintained for the duration of construction.

Erosion control in the form of staked hay bales and silt fence will be established along the limits of work near any wetland areas. Approximately 90 sm (965 sf) of Bordering Vegetated Wetland associated with a man made ditch, located at the northeast corner of the intersection of West Chestnut Street at Pearl Street, will be altered under this project. This work is necessary to provide the proper intersection geometry for the required traffic signal installation. Replication will be provided at a minimum 1 to 1 ratio.

In development of this proposal several alternatives were considered, including the no-build option and the construction of a more significantly wider roadway than proposed. The no-build alternative was dismissed because it would not improve traffic flow or safety. The wider roadway section, although desirable due to the industrial character of the project area, was also dismissed due to the additional wetland impacts that would result. The proposed alternative, which meets the minimum design standards for the functional class of roadway, was selected because it satisfies the state goals of reduced traffic congestion, improved traffic flow and safety with minimal impacts to the environment at relatively low cost.

An Environmental Notification Form (ENF) is required for this project pursuant to 301 CMR 11.03 (6)(b) 1.b:

the project will result in the widening of an existing roadway by four or more feet for one-half or more miles in the aggregate. An ENF is also required pursuant to 301 CMR 11.03 (6)(b) 2.b: it will result in the cutting of five or more living public shade trees of 14 or more inches in diameter at breast height.

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: