



# Environmental Notification Form

*For Office Use Only*  
 Executive Office of Environmental Affairs

EOEA No.: 13688  
 MEPA Analyst: Briony 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: M Street Seawall Reconstruction Final Action Plan		
Street: William J. Day Boulevard		
Municipality: South Boston, MA	Watershed: Old Harbor – Dorchester Bay	
Universal Transverse Mercator Coordinates:	Latitude: 42°-19'-48" Longitude: 71°-01'-55"	
Estimated commencement date: March, 2006	Estimated completion date: November, 2006	
Approximate cost: \$1,000,000.00	Status of project design: <span style="float: right;">75% complete</span>	
Proponent: MA Department of Conservation & Recreation-Planning & Engineering Division		
Street: 349 Lincoln Street – Building 45		
Municipality: Hingham	State: MA	Zip Code: 02043
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Forrest C. Lindwall		
Firm/Agency: Mistry Associates, Inc.	Street: 315 Main Street	
Municipality: Reading	State: MA	Zip Code: 01867
Phone: (781) 944-6400 x3018	Fax: (781) 944-0180	E-mail: <u>forrest@mistry.com</u>

- 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): \$500,000.00 funded by NSTAR – Remainder by DCR.

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify See below and Page 2)  No

List Local or Federal Permits and Approvals:  
 Boston Conservation Commission  
 US Army Corps of Engineers

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 checked="" 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
<b>LAND</b>				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" type="checkbox"/> Chapter 91 License <input checked="" 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: MCZM</i>
Total site acreage	3.97			
New acres of land altered		2.97		
Acres of impervious area	0	0	0	
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		
<b>STRUCTURES</b>				
Gross square footage	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0	0	
<b>TRANSPORTATION</b>				
Vehicle trips per day	0	0	0	
Parking spaces	0	0	0	
<b>WATER/WASTEWATER</b>				
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 \_\_\_\_\_)  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.*)

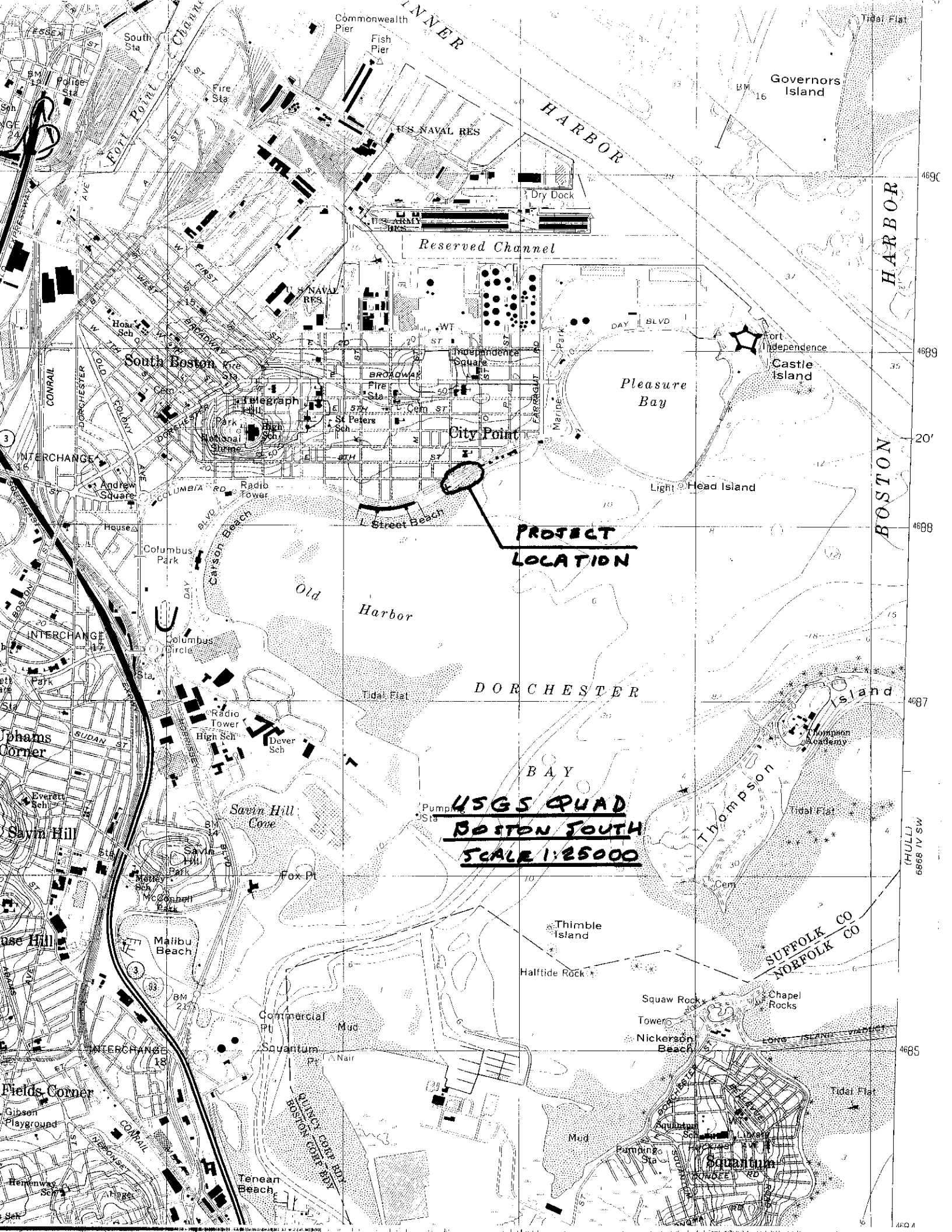
Project includes the replacement of 494± LF of the M Street Concrete Seawall; placing 20,000 ±CY of sand for Beach Nourishment; rehabilitation of the Granite Block Bulkhead at Hicks Memorial Park adjacent to the new seawall and restoration of the disturbed area between the M Street seawall and the back of the William J. Day Boulevard sidewalk.

The section of existing concrete seawall to be replaced is failing and has collapsed in two areas. The slope behind the failed wall is experiencing severe erosion due to wave action. Alternatives for replacing the seawall are primarily limited to steel or concrete structures to assure longevity. The proposed design is a concrete wall set on steel sheet piling foundation.

Alternatives for additional protection of the shoreline were limited to placing a Stone Revetment in front of the new wall or sand for Beach Nourishment. Since the stone would reduce the area of functional beach for recreation, Beach Nourishment is the preferred alternative.

Further, a review of the CZM Shoreline Change Map indicates that Littoral Drift is westerly towards the L Street Beach (away from the Yacht Clubs to the east). A Beach Maintenance Plan is also included in the Project Plans to serve as basis for future annual maintenance of the beach, from the L Street Bathhouse to the granite Block Bulkhead.

It is anticipated that DCR will conduct an Emergency Action Plan to minimize/avoid any further damage to the seawall or shoreline erosion in the next few weeks. The current Emergency Action Plan is to place a 23,500 c.y. Sand Cofferdam on the Beach in front of the seawall or other method approved by the Environmental Regulatory Agencies noted on Pages 1 and 2 herein.



**PROJECT  
LOCATION**

**USGS QUAD  
BOSTON SOUTH  
SCALE 1:25000**

4690

4689

20'

4688

4687

6868 IV SW  
(HULL)

4685

ARC A

Map labels include: South Boston, City Point, Dorchester Bay, Old Harbor, Pleasure Bay, Castle Island, Thompson Island, and various streets like South St, Broad St, and Columbus Blvd. Maritime features include Fish Pier, Dry Dock, and several islands like Governors Island and Castle Island. Infrastructure like the Conrail and Interchange are also shown.