Public Notice

项目描述：现有切尔西街大桥的替换与新垂直提升桥的结合允许军队修改现有联邦航道在大桥附近的航道。

目的工作：燃料油罐车在现有切尔西河通过时，距离现有切尔西街的门式吊桥的防撞位置高度不足六英尺。新垂直提升桥的建设将消除任何对航道的限制。项目的目的是在新桥建成后迅速拓宽航道。拓宽航道将允许更大类别的船只通过。

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safely enter the oil terminals upstream of the bridge and potentially increase the volume of home heating oil (and various other commodities) available to Massachusetts. The project is also needed to reduce potentially hazardous navigation conditions. Dredging is expected to begin as soon as possible after completion of the new bridge, sometime in the beginning of 2012.

**Disposal Area:** Approximately 34,700 cy of material, which includes two feet of overdepth dredging, would be removed by mechanical means to widen the channel to 140 feet. Of this amount, approximately 5,100 cy of surface material is unsuitable for ocean placement and will need to be placed into the existing CAD cell C12 constructed during the deepening of the Boston Harbor Navigation Improvement Project. This cell is located at the upper end of the navigation channel in the Chelsea River. The remaining 29,600 cy of material is parent material and will be placed at the USEPA Designated Massachusetts Bay Disposal Site located 20 miles offshore. This active disposal site is and has been used for the placement of dredged material that has passed chemical and biological testing. All of the dredged material will be placed in a slit hull scow for transportation to either the CAD cell or the MBDS for placement.

Approximately 53,000 cy of material, including two feet of overdepth dredging, would need to be removed by mechanical means to widen the existing navigation channel in the Chelsea River to 175 feet. Of this amount, approximately 7,100 cy is unsuitable for ocean water disposal and would be disposed into CAD cell C12. The remaining 45,900 cy of suitable material would be disposed at the MBDS. It is anticipated that the dredging and disposal activities would take approximately 30 days to accomplish.

The proposed transportation of this dredged material for disposing of it in ocean waters is being evaluated to determine that the proposed disposal will not unreasonably degrade or endanger human health, welfare, or amenities or the marine environment, ecological systems, or economic possibilities. In making this determination, the criteria established by the Administrator, EPA pursuant to section 102(a) of the ODA, will be applied. In addition, based upon evaluation of the potential effect which the failure to utilize this ocean disposal site will have on navigation, economic and industrial development, and foreign and domestic commerce of the United States, an independent determination was made of the need to dispose of the dredged material in ocean waters, other possible methods of disposal, and other appropriate locations.

**Additional Information:** Additional information may be obtained from Mr. Michael Keegan, Programs & Civil Project Management Branch, Programs & Project Management Division, at the return address above, telephone number (978) 318-8087.

**Coordination:** The proposed work is being coordinated with the following Federal, State, and local agencies:

**Federal**
- Environmental Protection Agency
- U.S. Fish and Wildlife Service
- National Marine Fisheries Service

**Commonwealth of Massachusetts**
- Department of Environmental Protection
- Executive Office of Energy and Environment Affairs
- Department of Marine Fisheries
- Division of Fisheries and Wildlife
- State Historic Preservation Office

**City of Chelsea**
- Conservation Commission

**City of Boston**
- Conservation Commission
Environmental Impacts: An Environmental Assessment for this work is being prepared and will be made available for review upon request. I have made a preliminary determination that an Environmental Impact Statement for the proposed maintenance dredging is not required under the provisions of the National Environmental Policy Act of 1969. This determination will be reviewed in light of facts submitted in response to this notice.

Federal Consistency with the Coastal Zone Management Program: I find, based on the information contained in the project’s Environmental Assessment, that maintenance dredging of the authorized navigation project is consistent, to the maximum extent practicable, with the applicable management program established as a result of the Coastal Zone Management Act of 1972. The dredging and disposal operation will be conducted, to the maximum extent practicable, in a manner that is consistent with the State’s approved management program. This determination will be submitted to the Massachusetts Coastal Zone Management Office for their concurrence.

Other Information:

a. Previous Dredging: A portion of the Chelsea River (Creek) located just below the Chelsea Street Bridge and through the existing bridge opening, was last dredged in 2008 from a depth of -35 to -38 feet MLLW. The rest of the river was previously dredged between 1999 and 2000.

b. Alternatives: The proposed work would widen the existing navigation channel in the vicinity of the Chelsea Street Bridge to a minimum of 140 feet. Widening the existing channel to a minimum of 175 feet would be dependent on others performing bulk head work prior to maintenance dredging in the beginning of 2012. The No Action Alternative is not acceptable because of the potential navigation hazards.

c. Endangered Species: To protect the endangered right whale, whale observers will be on board the scows transiting to the MBDS from February 1 to May 31 to avoid potential ship strikes. No other endangered species or their critical habitat designated as endangered or threatened pursuant to the Endangered Species Act of 1973 (87 Stat. 844) are expected to be effected by the proposed project.

d. Non-Federal Dredging: No private or public dredging is proposed in conjunction with this project.

e. Floodplain Management: In accordance with Executive Order 11988, the Corps of Engineers has determined that the proposed work will not contribute to negative impacts or damages caused by floods.

f. Cultural Resources: The proposed work is maintenance and will be located in areas previously disturbed for bridges and utility work.

g. Essential Fish Habitat: The U.S. Army Corps of Engineers is assessing the effects the proposed project is likely to have on Essential Fish Habitat (EFH) and has made a preliminary determination that there will be no significant impacts on the designated fisheries resources. Full determination will be made upon completion of the EFH assessment.

h. Additional Requirements: A Water Quality Certification application for disposal of dredged material into CAD cell C12 will be submitted to the Massachusetts Department of Environmental Protection under Section 401 of the Clean Water Act of 1977 (P.L. 95-217), along with a request to the Massachusetts Office of Coastal Zone Management for the State’s concurrence with our determination of Federal consistency with the State’s approved coastal zone management program. The Clean Water Act of 1977 requires that the work comply, to the maximum extent practicable, with State or interstate requirements to control the discharge of dredged or fill material.

The decision whether to perform the work will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal will be balanced against its reasonably foreseeable detriments. All factors which may be relevant...
to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, and the welfare of the people.

Selection of the above described proposed disposal sites for dredged material associated with maintenance of this navigation project shall be made through application of guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, in conjunction with the Secretary of the Army. If these guidelines alone would prohibit the use of the proposed disposal sites, any potential impairment to the maintenance of navigation, including any economic impact on navigation which would result from failure to use the disposal site, will also be considered.

Any person who has an interest which may be affected by the dredging and disposal of this dredged material may request a public hearing. The request must be submitted in writing to me within 30 days of the date of this notice and must clearly set forth the interest which may be affected and the manner in which the interest may be affected by this activity.

Please bring this notice to the attention of anyone you know to be interested in the project. Comments are invited from all concerned parties relating to this project and should be directed to me at the U.S Army Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751, ATTN: Mr. Michael Keegan, within 30 days of this notice.

Date

[Signature]

Philip T. Feir
Colonel, Corps of Engineers
District Engineer
CHELSEA CREEK IMPROVEMENT DREDGING
BOSTON AND CHELSEA, MA

Legend:
- Existing Federal Channel
- - Proposed 140 Ft Channel
- - - Proposed 175 Ft Channel
- -- Proposed Channel 140 and 175 Ft

2005 Aerial Imagery from MMSGIS
QCS NAD1983
Attachment
Pertinent Laws, Regulations and Directives

Clean Air Act, as amended, 42 U.S.C. 7401 et seq.
Estuarine Areas Act, 16 U.S.C. 1221 et seq.
Federal Water Project Recreation Act, as amended, 16 U.S.C. 4601-12 et seq.
Fish and Wildlife Coordination Act, as amended, 16 U.S.C. 661 et seq.
Magnuson-Stevens Act, as amended, 16 U.S.C. 1801 et seq.
Native American Graves Protection and Repatriation Act (NAGPRA), 25 U.S.C. 3000-3013,
18 U.S.C. 1170
This amends the Reservoir Salvage Act of 1960 (16 U.S.C. 469).
Watershed Protection and Flood Prevention Act, as amended, 16 U.S.C. 1001 et seq.
Wild and Scenic Rivers Act, as amended, 16 U.S.C 1271 et seq.
Executive Order 13007, Accommodations of Sacred Sites, May 24, 1996.
Executive Order 13045, Protection of Children from Environmental Health Risks and Safety Risks, April 21, 1997.
Executive Order 13175, Consultation and Coordination with Tribal Governments, November 2000.
Analysis of Impacts on Prime or Unique Agricultural Lands in Implementing NEPA, August 11, 1980.