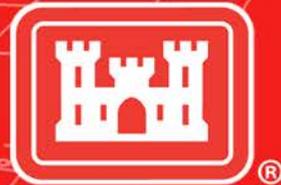




US Army Corps of Engineers  
New England District



# New England District FY 2017 Dredging Program



**US Army Corps  
of Engineers®**  
New England District

171 Navigation Projects

68 Deep Draft Projects

13 Deep Draft Projects 31 feet or Greater

156 Breakwaters or Jetties

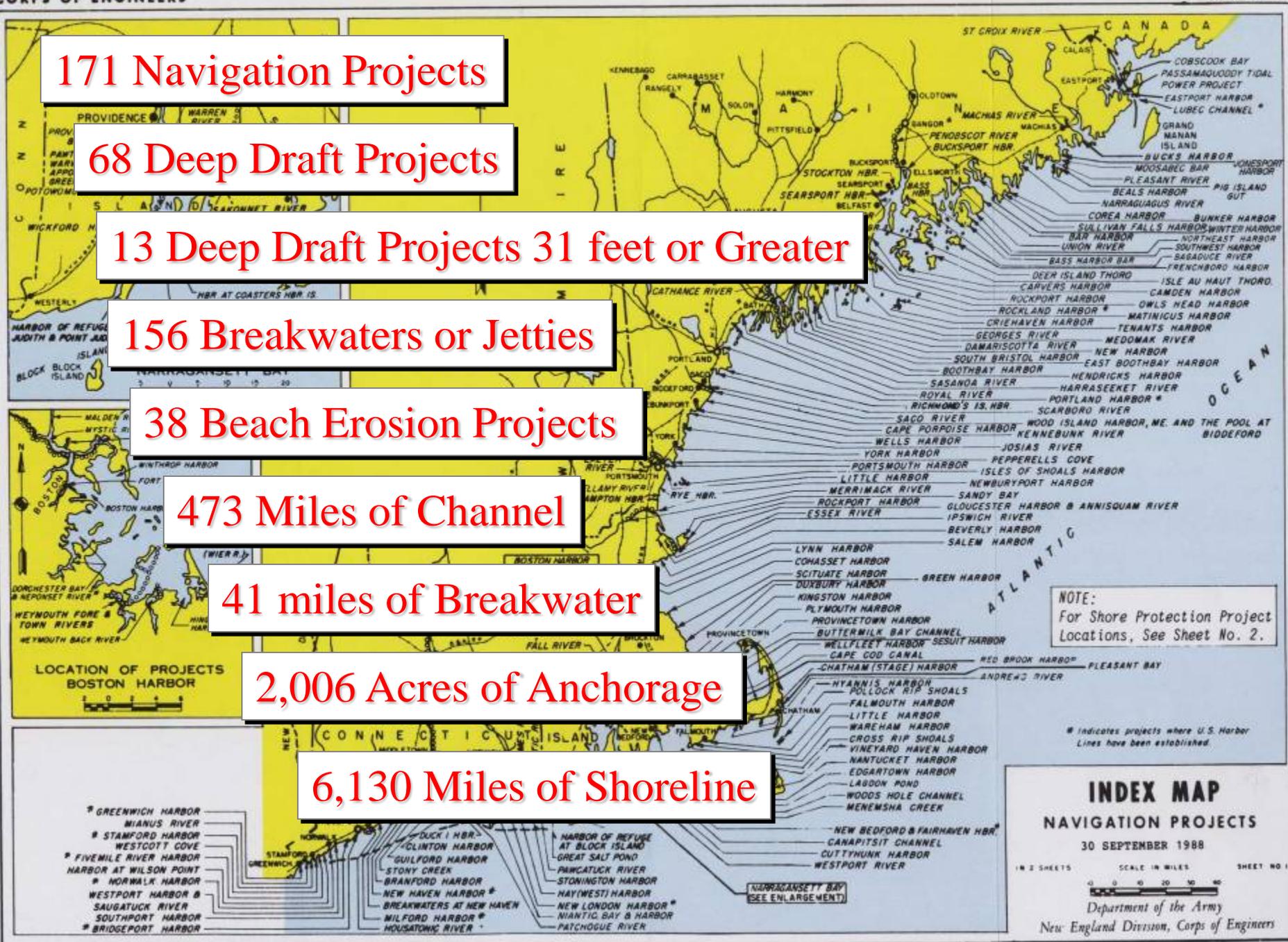
38 Beach Erosion Projects

473 Miles of Channel

41 miles of Breakwater

2,006 Acres of Anchorage

6,130 Miles of Shoreline



NOTE:  
For Shore Protection Project  
Locations; See Sheet No. 2.

# Indicates projects where U.S. Harbor  
Lines have been established.

**INDEX MAP**  
**NAVIGATION PROJECTS**

30 SEPTEMBER 1988

1 OF 2 SHEETS      SCALE IN MILES      SHEET NO. 1



Department of the Army  
New England Division, Corps of Engineers

- \* GREENWICH HARBOR
- \* MIANUS RIVER
- \* STAMFORD HARBOR
- \* WESTCOTT COVE
- \* FIVEMILE RIVER HARBOR
- HARBOR AT WILSON POINT
- \* NORWALK HARBOR
- WESTPORT HARBOR
- \* SAUGATUCK RIVER
- SOUTHPORT HARBOR
- \* BRIDGEPORT HARBOR

- DUCK I HBR.
- CLINTON HARBOR
- GUILFORD HARBOR
- STONY CREEK
- BRANFORD HARBOR
- NEW HAVEN HARBOR \*
- BREAKWATERS AT NEW HAVEN
- MILFORD HARBOR \*
- HOUSATONIC RIVER \*

- HARBOR OF REFUGE AT BLOCK ISLAND
- GREAT SALT POND
- FAWCATUCK RIVER
- STONINGTON HARBOR
- HAY (WEST) HARBOR
- NEW LONDON HARBOR \*
- NIANTIC BAY & HARBOR
- PATCHOGUE RIVER

- NEW BEDFORD & FAIRHAVEN HBR.
- CANAPITSIT CHANNEL
- CUTTUNK HARBOR
- WESTPORT RIVER

MASSACHUSETTS BAY  
(SEE ENLARGEMENT)



# US Army Corps of Engineers New England District



## Schedule For FY-17 O&M Dredging Work for New England District North Atlantic Division

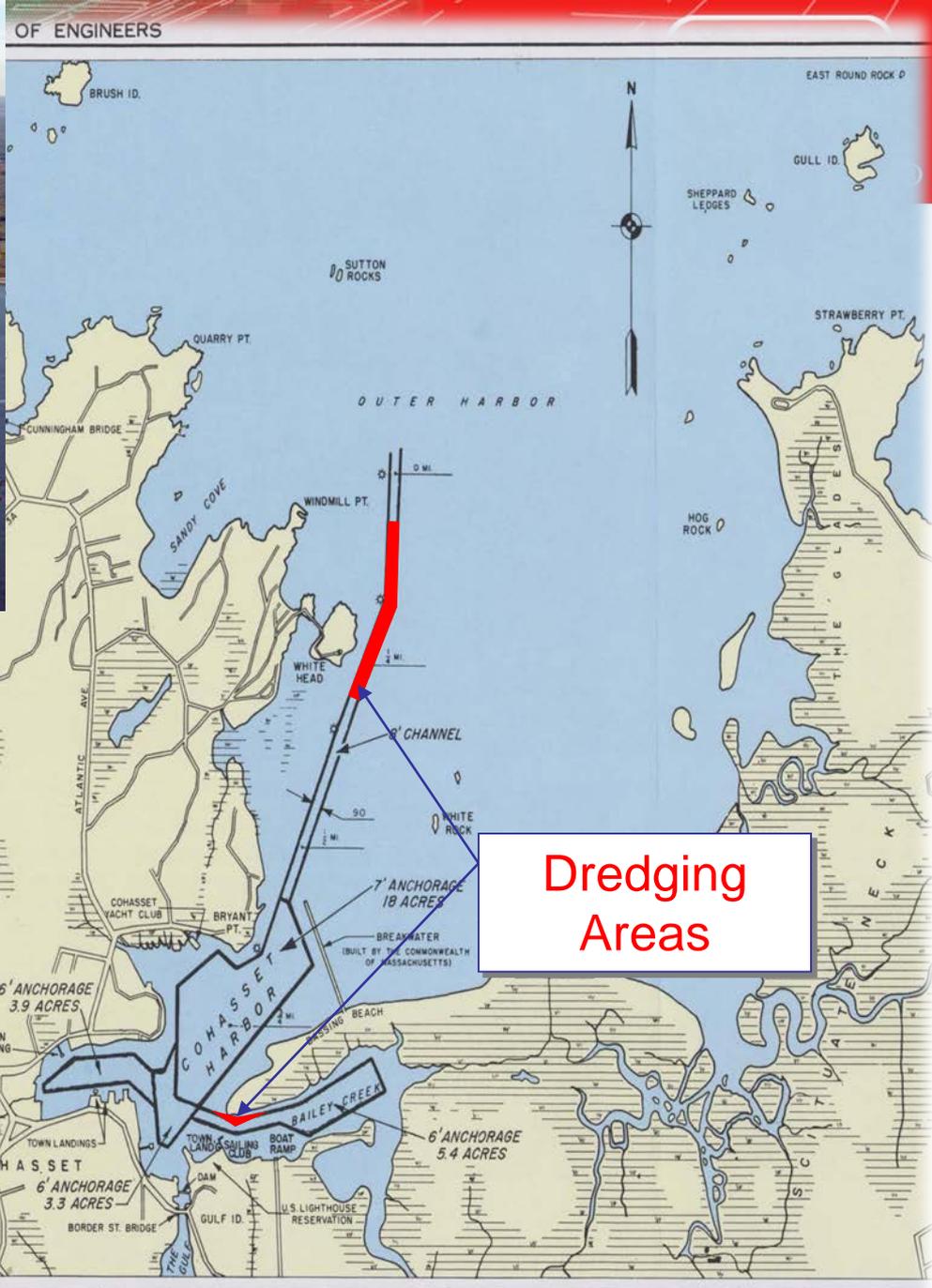
### NAE O&M and New Work Dredging Program

█ Hopper      █ Pipeline  
█ Bucket       Existing Contract      FY 17      Updated October 2016

Project		Contractor & Dredge	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
1	Cohasset Harbor, MA Bucket 60,000 CY	H2H Associates AWD 7/13/2015		█													
2	Boston Harbor, MA Bucket 1,805,000 CY	Great Lakes Dredge and Dock AWD 10/18/2016		█													
4	Menemsha Creek, MA Pipeline 60,000 CY	J-Way Southern AWD 6/30/2015		█													
5	Beals Harbor and Pig Island Gut, ME Bucket 117,930 CY	Cashman Dredging AWD 4/20/2016			█												
6	Housatonic River, CT Bucket/Hopper 250,000 CY	TBD IFB 12/2/2016														█	
7	North Cove, CT Bucket 270,000 CY	IFB 6/15/2017														█	
8	Mianus River, CT Bucket 50,000 CY	Coastline Consulting AWD 9/14/2016		█													
9	Block Island HOR Government 10,000 CY											█					
10	Great Salt Pond Government 10,000 CY												█				
	Chatham Stage Harbor Government 15,000 CY												█				



Cohasset Harbor, Massachusetts  
Image courtesy of Maritime Sail and Power Squadron (2005)



# Cohasset Harbor

**Project Depth: 10' MLLW**

**Last Dredged: 1999**

**Quantity: 60,000 cy**

**Material Type: Sand**

**Equipment Type: Hydraulic**

**Disposal Site: Nearshore**

**Restart November 1, 2016**

# BOSTON HARBOR MAINTENANCE DREDGING

MAINTENANCE DREDGING FOR 40-FOOT MAIN SHIP CHANNEL, 40-FOOT INNER CONFLUENCE AND 35-FOOT CHANNEL

MAIN SHIP CHANNEL CAD CELL



## Boston Harbor

**Project Depth: 40' MLLW Main Ship Channel, 35' MLLW Outside M.S.C**

**Last Dredged: 2012**

**Quantity: 1,000,000 cy CAD Cell Construction**

**800,000 cy Maintenance Dredging**

**Material Type: Sand & Gravel**

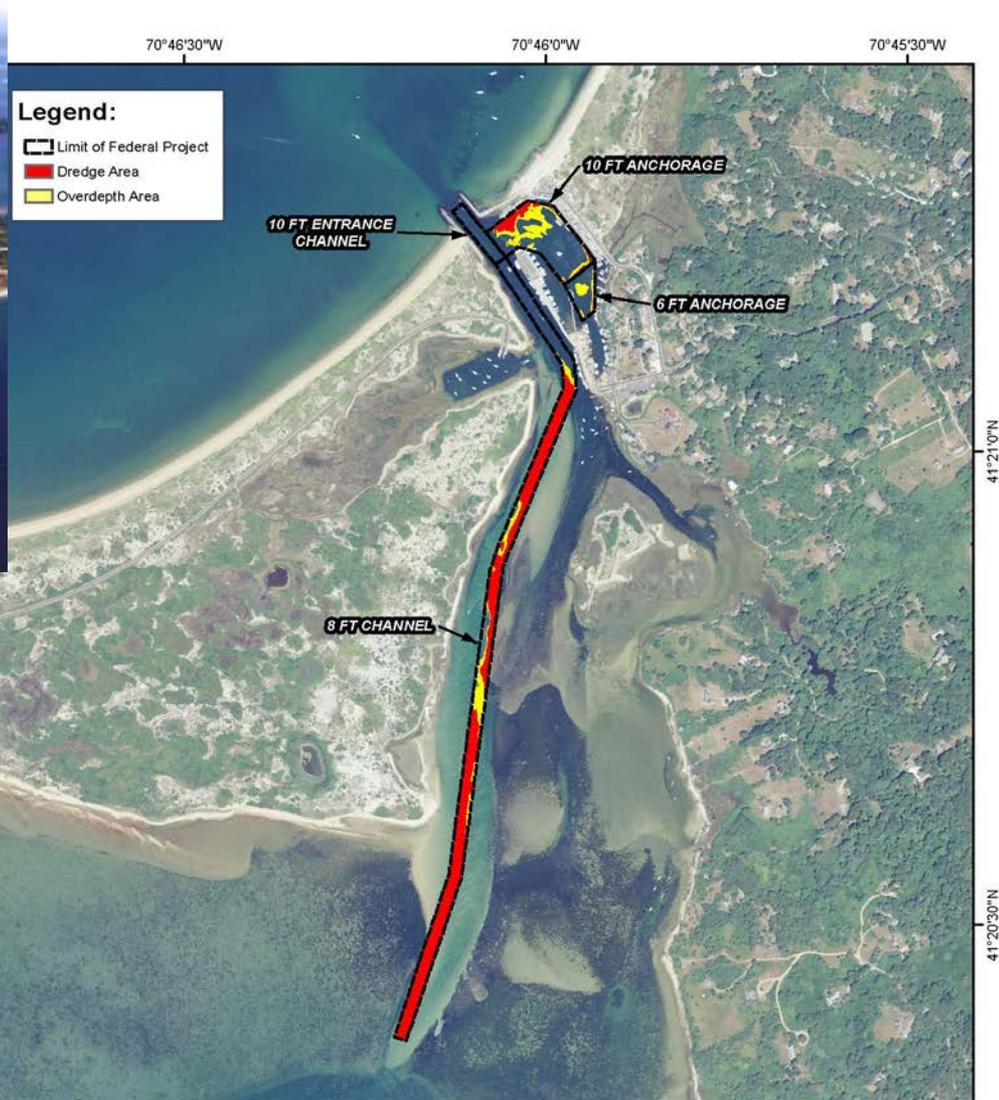
**Equipment Type: Mechanical**

**Disposal Sites: Open Water/CAD Cell**

**Haul Distance: 20 Miles (Open Water)**

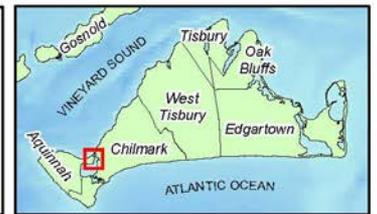
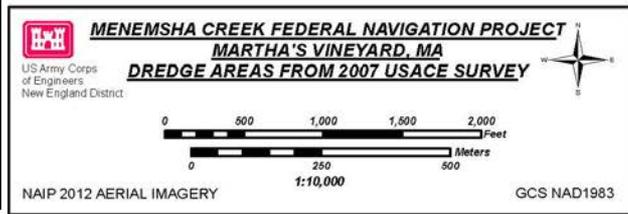
**Project Award: Great Lakes Dredge and Dock Company - \$12,840,030**

**FY17 Dredging**



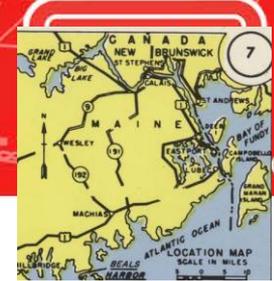
# Menemsha Creek

**Project Depth: 10' Channels & 6' Anchorage**  
**Last Dredged: 1974**  
**Quantity: 60,000 cy**  
**Material Type: Sand**  
**Equipment Type: Hydraulic**  
**Disposal Site: Adjacent Beach**  
**Restart 11/1/2016**





US Army



# Beals Harbor and Pig Island Gut, Me

**Project Depth: 6' & 10' MLLW**

**Last Dredged: Beals Harbor 1957**

**Pig Island Gut 1965**

**Combined Quantity: 100,000 cy**

**Material Type: Silt/Clay**

**Equipment Type: Mechanical**

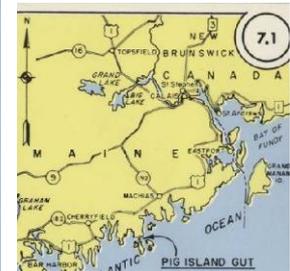
**Disposal Site: Deep Hole East of Mark Island**

**Haul Distance: 3 miles to Pig Island Gut**

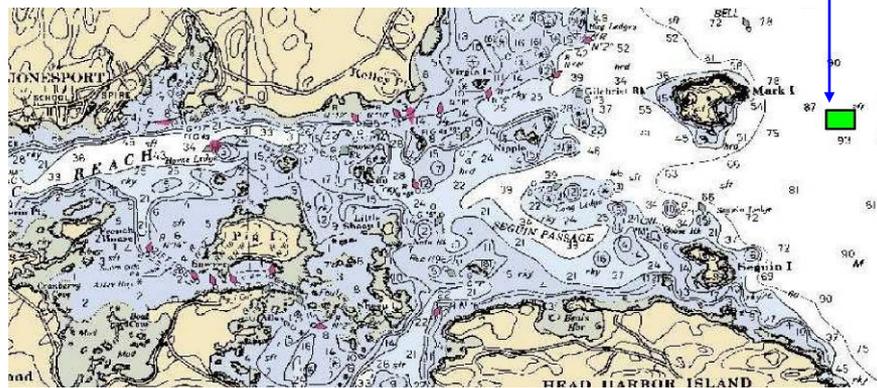
**4 1/2 miles to Beals Harbor**

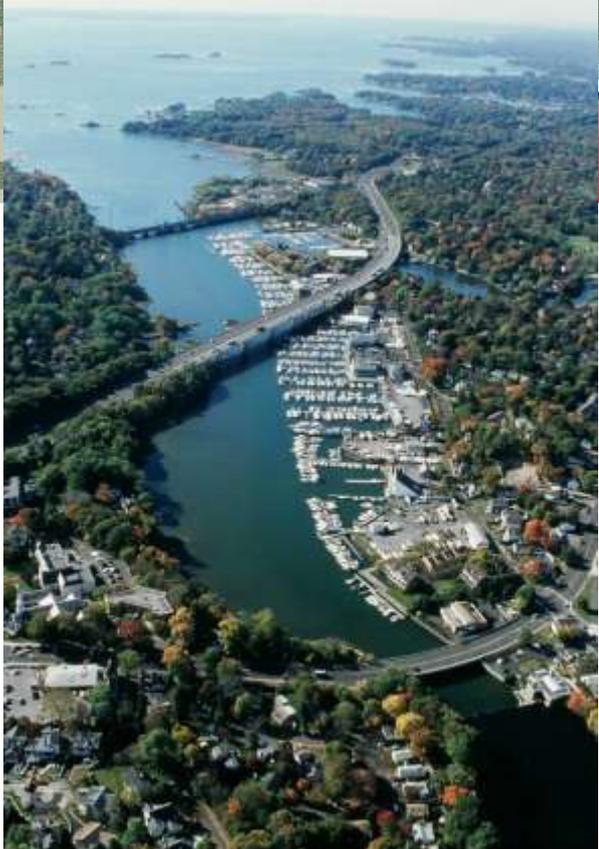
**Awarded to Cashman Dredging**

**Start 12/1/2016**



**Disposal site**





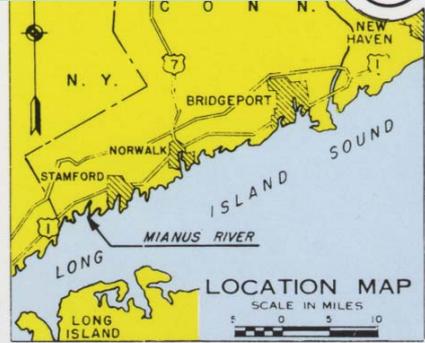
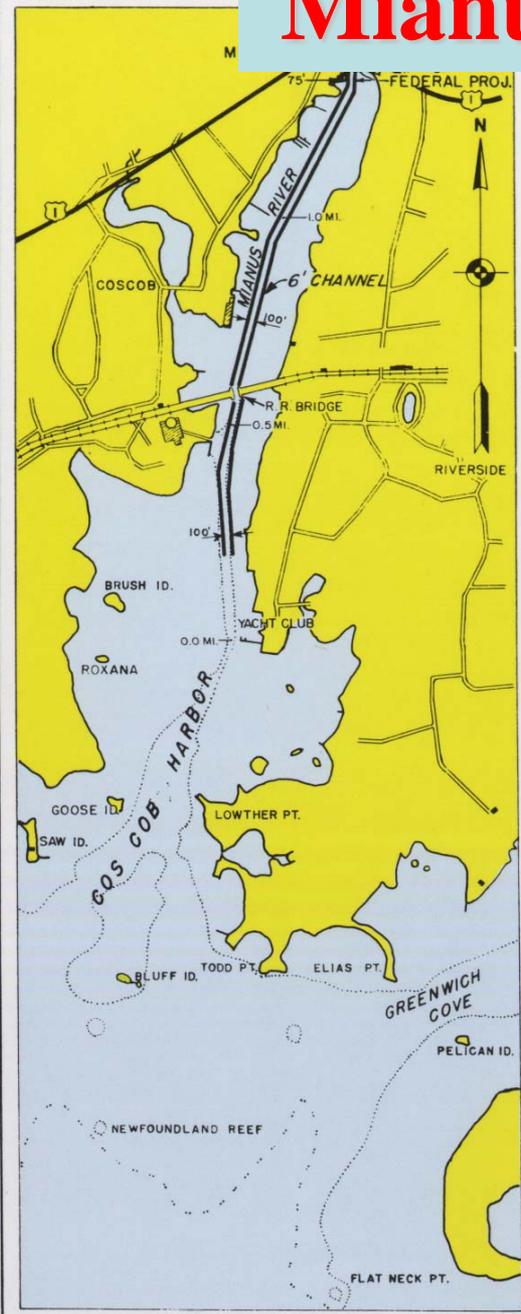
JS

CORPS OF ENGINEERS

# Mianus River

U.S. ARMY

157



BRIDGE CLEARANCE  
R.R. BRIDGE (BASCULE)  
Hor. 67.5 ft.  
Vert. 20 ft MHW

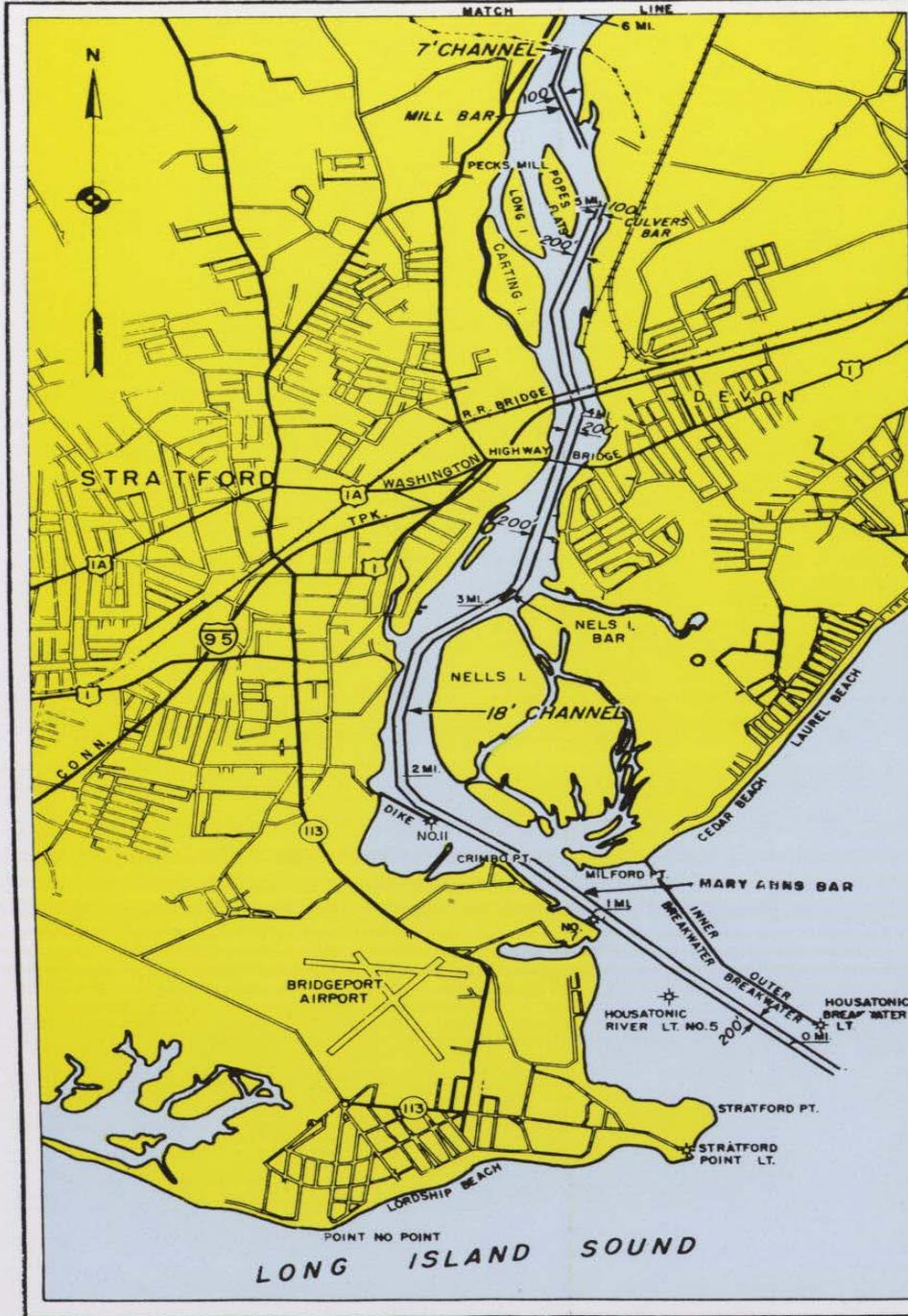
## MIANUS RIVER, CONN.

30 SEPTEMBER 1988



DEPARTMENT OF THE ARMY  
NEW ENGLAND DIVISION, CORPS OF ENGINEERS  
WALTHAM, MASS.

**Project Depth: 6' Channel**  
**Last Dredged: 1974**  
**Quantity: 50,000 cy**  
**Material Type: Sand/Silt**  
**Equipment Type: Bucket**  
**Disposal Site: Open Water, WLIS**  
**Awarded - Coastline Consultants**  
**\$2,248,250**



# Housatonic River

**Project Depth: 18' Channel**

**Last Dredged: 1974**

**Quantity: 250,000 cy**

**Material Type: Sand**

**Equipment Type: Bucket/Hopper**

**Disposal Site: Beach (26 mile haul)**

**IFB -12/2/2016**



## North Cove

**Project Depth: 11' Channel, '6 & 8' Anchorage**

**Last Dredged: 2009**

**Quantity: 270,000 cy**

**Material Type: Sand**

**Equipment Type: Bucket**

**Disposal Site: Open Water - CLIS**

**IFB -6/15/2017**





US Ar



# Jetty/Breakwater Repair

## Work Awarded/Underway

- Hampton Harbor, NH - North Jetty
- Harbor of Refuge, Block Island, RI - Jetty
- Point Judith, RI – East Shore Arm
- Nantucket Harbor of Refuge, MA – Jetty

## Work Anticipated FY 17

- Scituate Harbor, MA - Jetty
- Green Harbor, MA - Jetty



Questions?

