

## What is the Long Beach Project?

The Long Beach Project is a coastal storm risk management project, which has been designed to reduce damages from erosion, wave attack and inundation for homes and businesses along 6.8 miles of oceanfront, including Nassau County, the Town of Hempstead and the City of Long Beach.

While erosion is a problem, the most serious threat to the island is from high storm surges and waves. The present beach could be easily overtopped with direct damages to public and private property. The project adds elevation to the existing dune and berm to manage risk against these damages.

The Long Beach Project includes beach nourishment and construction of a dune, in addition to the rehabilitation of existing groins and the construction of new groins. The project would use a dredge to pump sand from an offshore borrow area and place it on the beach. The initial construction of the Long Beach Project would be 100% federally funded.

The project would be maintained for 50 years through periodic sand placement on the beach, cost-shared between the project partners.

## What comes next?

With the support of the NYSDEC and the local sponsors, the HSLRR and EA will be finalized. The next step is for the agencies to enter into a Project Partnership Agreement for construction in Summer 2014.

Construction will be accomplished under three contracts. Contract 1 includes groin work and is scheduled to begin in Fall 2014. Contract 2 includes additional groin work and is scheduled to begin in winter 2014. Contract 3 includes dune and berm construction and crossovers and will be constructed in 2016.

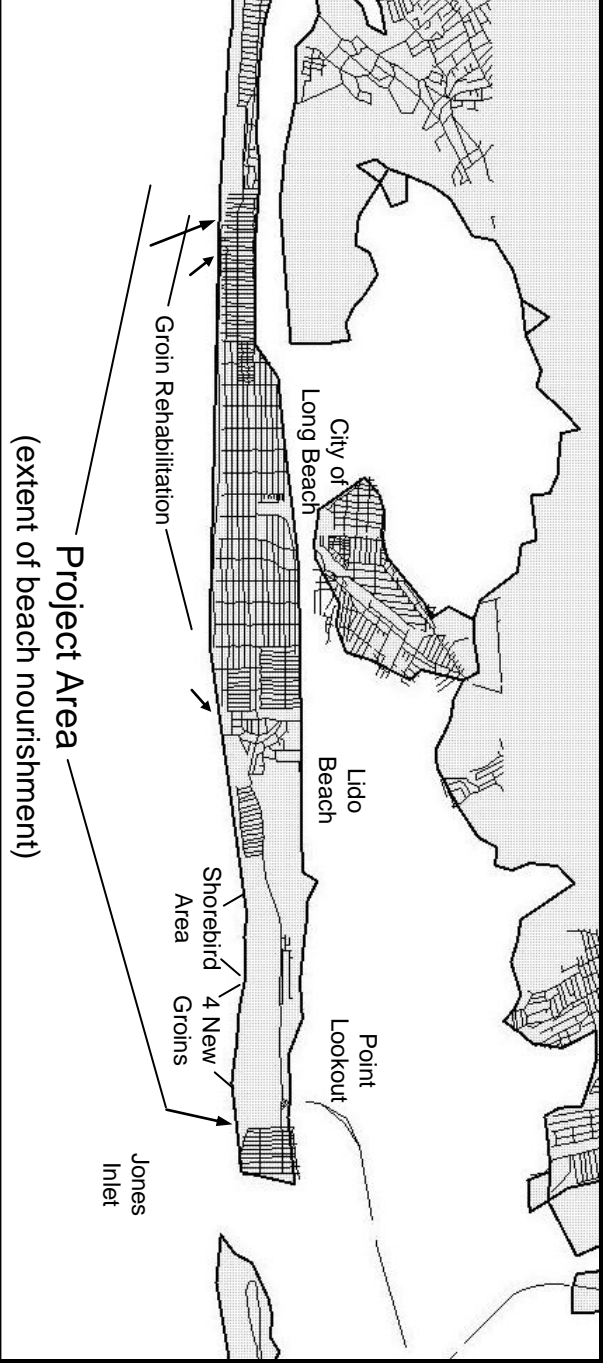
## What does the Long Beach Project include?

The Project details are provided below

Beach fill length	35,000 lf *
Volume of initial fill	4,720,000 cy
Volume of renourishment	1,770,000 cy
Interval of renourishment	every 5 years
Point Lookout:	110 ft berm +9 ft NAVD88
Nickerson Beach:	existing berm Long Beach and Lido Beach: 190 ft berm** +9 ft NAVD88 to +7 ft NAVD88
Dune Crest	25 ft at +14 ft NAVD88
Existing groins rehabilitated	18 groins
New groins constructed	4 new groins
Initial construction cost	\$177,876,000
Renourishment costs / cycle	\$38,394,000
Annual costs	\$13,938,000
Annual benefits	\$27,664,000
Benefit to cost ratio	2.0
Initial Construction:	Federal(100%) Non-Federal (0%)
	\$177,876,000
Renourishment (per cycle)	Federal(65%) Non-Federal (35%)
	\$24,956,000 \$13,438,000

\* In the Nickerson Beach area in Nassau County, dune (no berm) will be placed along approximately 5,000 lf of shoreline. The existing berm will remain undisturbed to allow for bird nesting and foraging area for piping plovers and least terns. Deferred berm construction.

\*\* Berm will be stepped with 40 ft berm fronting the dune at +9 ft NAVD88, 20 ft width at 1V:10H slope, and 130 ft berm at +7ft NAVD88 with 1V:30H slope to waterline.



## What is being presented at the Poster Session?

The poster session gives the public the opportunity to learn about the Long Beach Project and ask questions of the scientists and engineers who worked on the Project. Any questions the public may have can be answered during the poster session.

### Registration

- Please register
- Get added to our mailing list

## LIST OF BOARDS

### Overview

- Meeting Purpose

### Planning

- Problem Identification
- Historical Storm Water Levels
- Project Purpose
- Consideration of Environmental Impacts
- Bird Nesting and Foraging Area Incorporated into Project Design
- Where Will Sand Come From?

### The Recommended Plan

- Project Layout with Dune and Berm Cross Sections
- Plan Components
- Typical Beachfill Response

### Project Implementation

- Non-Federal Sponsor Responsibilities
- General Schedule

## How do I comment?

The Draft Environmental Assessment for the Long Beach Project is open for public comment through March 31, 2014.

Comments can be submitted in writing, with the forms provided here today.

Comments can also be provided in writing to:

Mr. Robert Smith  
USACE, Planning  
26 Federal Plaza, Room 2151  
New York, NY 10278  
[robert.j.smith@usace.army.mil](mailto:robert.j.smith@usace.army.mil)

You can view these posters, the Hurricane Sandy Limited Reevaluation Report (HSLRR), Environmental Assessment (EA) and additional information at our website.

[www.nan.usace.army.mil/LongBeach](http://www.nan.usace.army.mil/LongBeach)

The written comments will be assessed and considered in finalizing the Environmental Assessment

Additional Contacts:

Ronald Pinzon, USACE Project Manager  
[ronald.r.pinzon@usace.army.mil](mailto:ronald.r.pinzon@usace.army.mil)

Sue McCormick, P.E., NYSDEC Program Manager  
[sdmccorm@gw.dec.state.ny.us](mailto:sdmccorm@gw.dec.state.ny.us)



## LONG BEACH COASTAL STORM RISK MANAGEMENT PROJECT

## PUBLIC INFORMATION SESSION

Atlantic Coast of Long Island  
Jones Inlet to Rockaway Inlet  
Draft Hurricane Sandy  
Limited Reevaluation Report  
and  
Draft Environmental Assessment

US Army Corps of Engineers (USACE)  
and  
New York State Department of  
Environmental Conservation (NYSDEC)

In cooperation with:  
City of Long Beach  
Town of Hempstead  
Nassau County

March 6, 2014

6:00-6:30pm	Welcome & Poster Viewing
6:30-6:40pm	Non-Federal Local Sponsors
6:40-7:00pm	US Army Corps of Engineers
7:00-8:00pm	Poster Board Session & Information Exchange