



# OAKWOOD BEACH, STATEN ISLAND, NY

## Repair of Previously Constructed Projects

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

### Description

Hurricane Sandy severely impacted large portions of the northeastern United States. Staten Island was severely impacted, and that included the U.S. Army Corps of Engineers' previously constructed coastal storm risk reduction project at Oakwood Beach.

### Authorities

Everything the U.S. Army Corps of Engineers does must be tied to a statutory authority. The repairs to the coastal storm risk reduction project at Oakwood Beach are being done under standing authorities granted to the U.S. Army Corps of Engineers through the Flood Control and Coastal Emergencies Act.

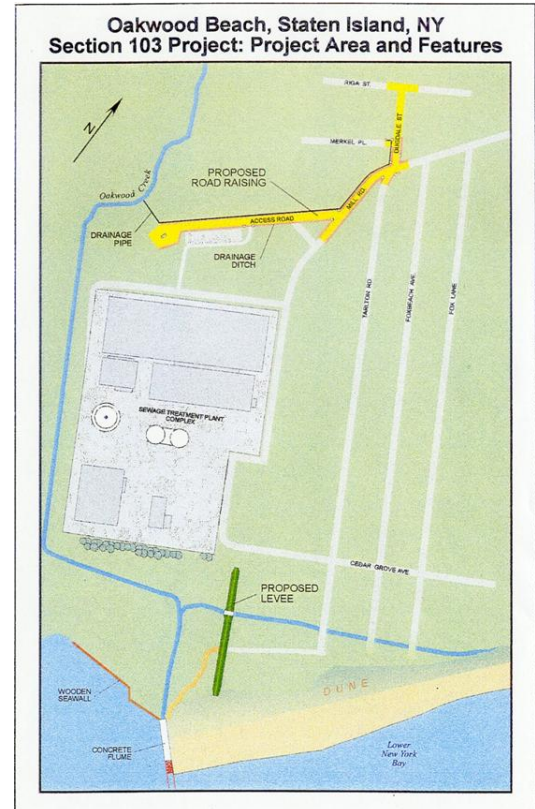
- Through the Flood Control and Coastal Emergencies Act, PL 84-99, the Corps of Engineers is authorized to repair previously constructed projects after a large event like Hurricane Sandy.

### History

The Corps of Engineers constructed the Oakwood Beach coastal storm risk reduction project in 2000 to help mitigate chronic storm damage and flooding that was impacting the community as well as the New York City Sewage Treatment Plant. Wave action and high surges, even during small storm events, were leading to chronic flooding in the low-lying community nearby. The original project, built to the level of a 15-year-storm event, included a 730 foot levee (10 feet above NGVD) perpendicular to Oakwood Creek and a tide gate to help limit the amount of water reaching communities when Oakwood Creek is inundated. The road was raised just north of the treatment plant to achieve the same effect north of the plant.

### Current Operations

The Oakwood Beach project was built to help mitigate chronic flooding the nearby community was experiencing during storms. Hurricane Sandy, which was roughly a 300-year level storm in the area of the Oakwood Beach project, overwhelmed the existing project and the Corps of Engineers will be repairing the impacts to the project. The Corps of Engineers awarded two repair contracts, first in May 2013, and then in July 2013 to repair the levee as well as electric repairs to the tide gate. Work was completed in Fall 2013.



**Questions?** Call the public affairs office at 917-790-8007 or e-mail [CENAN-PA@usace.army.mil](mailto:CENAN-PA@usace.army.mil)