Fire Island Inlet to Montauk Point Reformulation Study

Fire Island Stabilization Project (FIMI), New York





Contracts and Features

Contract 1: William Floyd Parkway to Moriches Inlet (Smith Point County Park) (complete)

- Completed and turned over to NYSDEC as of 05 May
- · 27,237' of beach and dune at 12' NAVD 88
- · 2,730,797 CY (cubic yards) of sand placed

Contract 2: Robert Moses State Park to Saltaire (complete)

- Completed and turned over to NYSDEC as of 02 Oct 2017
- 29,400' of beach and dune at 12'-14' NAVD 88
- 1,556,953 CY of sand placed
- · 10 pedestrian dune crossovers (2 ABA accessible), 1 vehicular crossover

Contract 3A: Fair Harbor To Seaview (complete)

- · Completed and turned over to NYSDEC as of 31 Jan 2018
- 13,000' of beach and dune at 14' NAVD 88
- 1,275,614 CY of sand placed
- 49 pedestrian dune crossovers (6 ABA accessible) and 2 vehicular crossovers
- 1 residential demolition, 1 residential relocation

Contract 3B1 - Ocean Bay Park to Davis Park Demolitions (complete)

- 24 residential demolitions, options for 40 partial demolitions of decks, pools and walkways
- Options for 120AC of herbicide devegetation work (60AC New Made Island, 30AC Pattersquash, 60AC Great Gunn) and 11500 CY of excavation for plover foraging habitat.

Contract 3B3: Ocean Bay Park to Davis Park Relocations

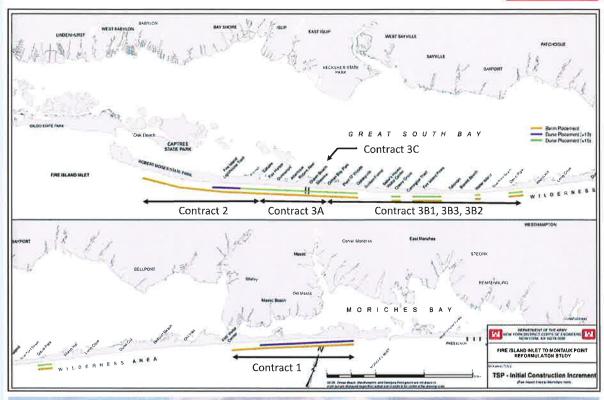
· 3 residential relocations in Davis Park

Contract 3B2: Ocean Bay Park to Davis Park (in construction)

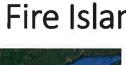
- · 2.3 MCY of sand placement
- Beach and dune construction at 14' NAVD 88 (1.8MCY)
- · 40 pedestrian dune crossovers (6 ABA accessible), 3 vehicular crossovers

Contract 3C: Ocean Beach Well Relocation (Readvertisement Mar 2020)

- · Abandonment of Ocean Beach Water Utility
- Installation of new utility at 503 Bayberry Walk



















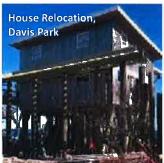
Removed 55% of beach and dune volume. approximately 4.5 million cubic yards

 12 homes destroyed and 80% of homes damaged across Fire Island

Project Photos









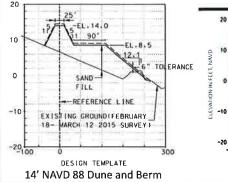
Project Status:

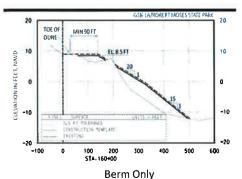
- ✓ North Atlantic Division approved the Final Report, EA, and FONSI on 3 July 2014.
- ✓ NYSDEC Commissioner and New York District Commander executed the Project Partnership Agreement on 25 August 2014.
- Five contracts are physically complete: Contract 1: Smith Point County Park, Contract 2: Robert Moses State Park to Saltaire, and Contract 3A: Fair Harbor to Seaview, Contract 3B1: Ocean Bay Park to Davis Park Demolitions, and Contract 3B3: Ocean Bay Park to Davis Park Relocations.
- ✓ One contract is under construction: Contract 3B2: Ocean Bay Park to Davis Park
- One contract is awaiting award: Contract 3C: Ocean Beach Well Relocation.

Project Notes:

- ✓ Federally funded through Public Law 113-2
 - ✓ Initial Construction at full Federal expense with reimbursement for Sponsor real estate costs.
 - ✓ One time standalone project. No periodic nourishment under FIMI.
- ✓ Project operation and maintenance is a State and County responsibility.
- ✓ US Fish and Wildlife Service Biological Opinion Conservation Measures: Topographic management and devegetation of critical areas, monitoring, and predator management

Beachfill Design Cross Sections





Estimated Project Costs

Current Working Estimate	\$291,000,000	
Estimated Cost of Real Estate	\$68,820,316	
Annual Operation & Maintenance	\$6,000	

Estimated Project Schedule

Milestone	Date	
Contract 1 Turnover	05 May 2017	
Contract 2 Turnover	02 October 2017	
Contract 3A Turnover	31 January 2018	
Contract 3B1 Complete	22 Feb 2019	
Contract 3B3 Complete	19 Jul 2019	
Contract 3B2 Complete	19 Jun 2020	
Contract 3C Award	Mar 2020	

Real Estate Requirements

Total Real Estate	459 parcels	0 remain
Fee Acquisition	29 parcels	Acquired
Relocation Agreements	13 parcels	Acquired
Permanent Easements	411 parcels	Acquired
Relocation Agreement	1 Ocean Beach Well	Acquired

All real estate required for project construction certified on 22 January 2019.







US Army Corps of Engineers Project Website: http://www.nan.usace.army.mil/Missions/Civil-Works/Projects-in-New-York/Fire-Island-to-Montauk-Point-Reformulation-Study/