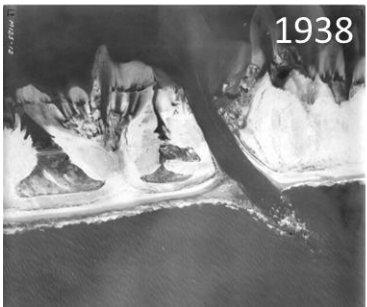
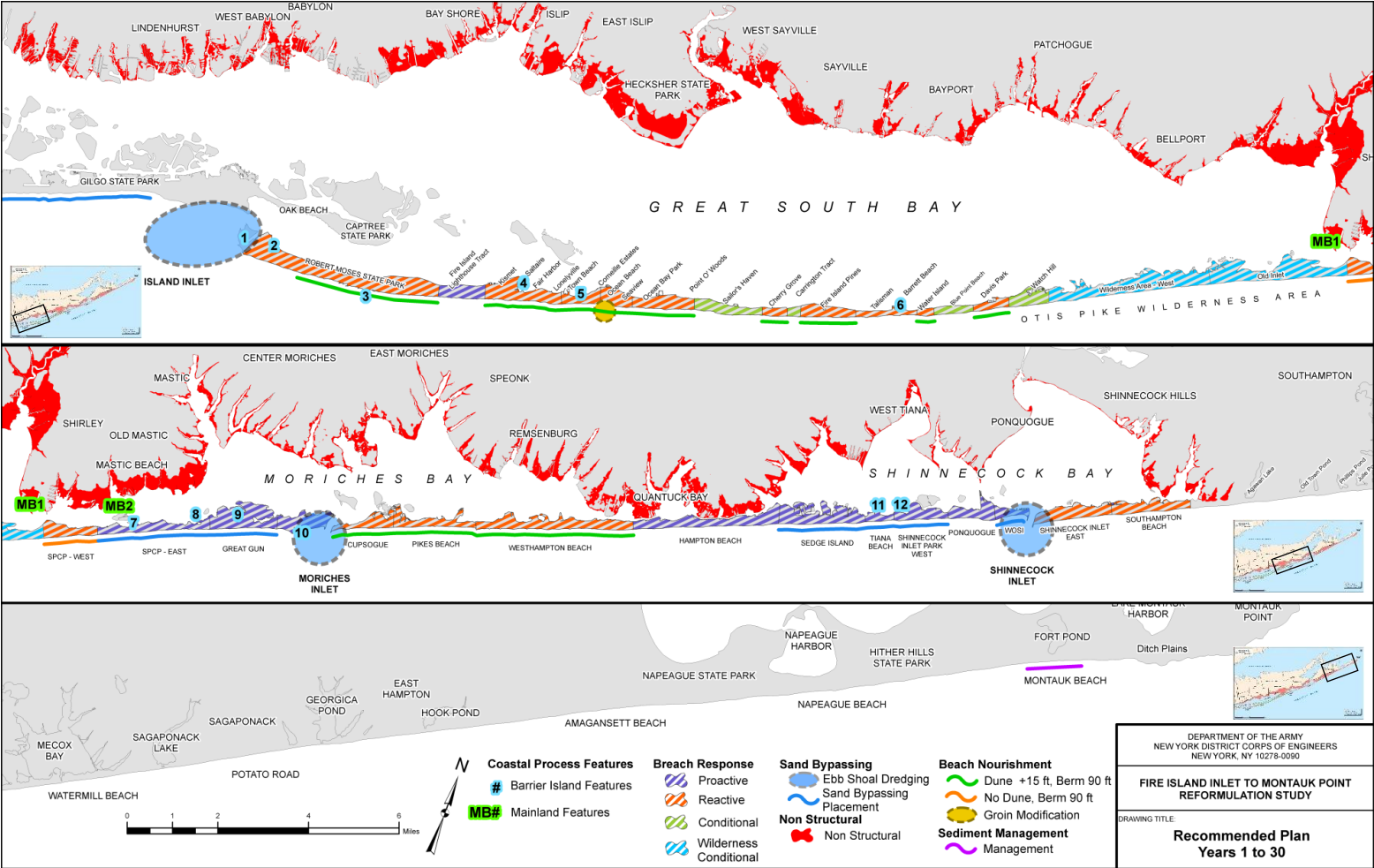


Fire Island to Montauk Point, New York (FIMP)

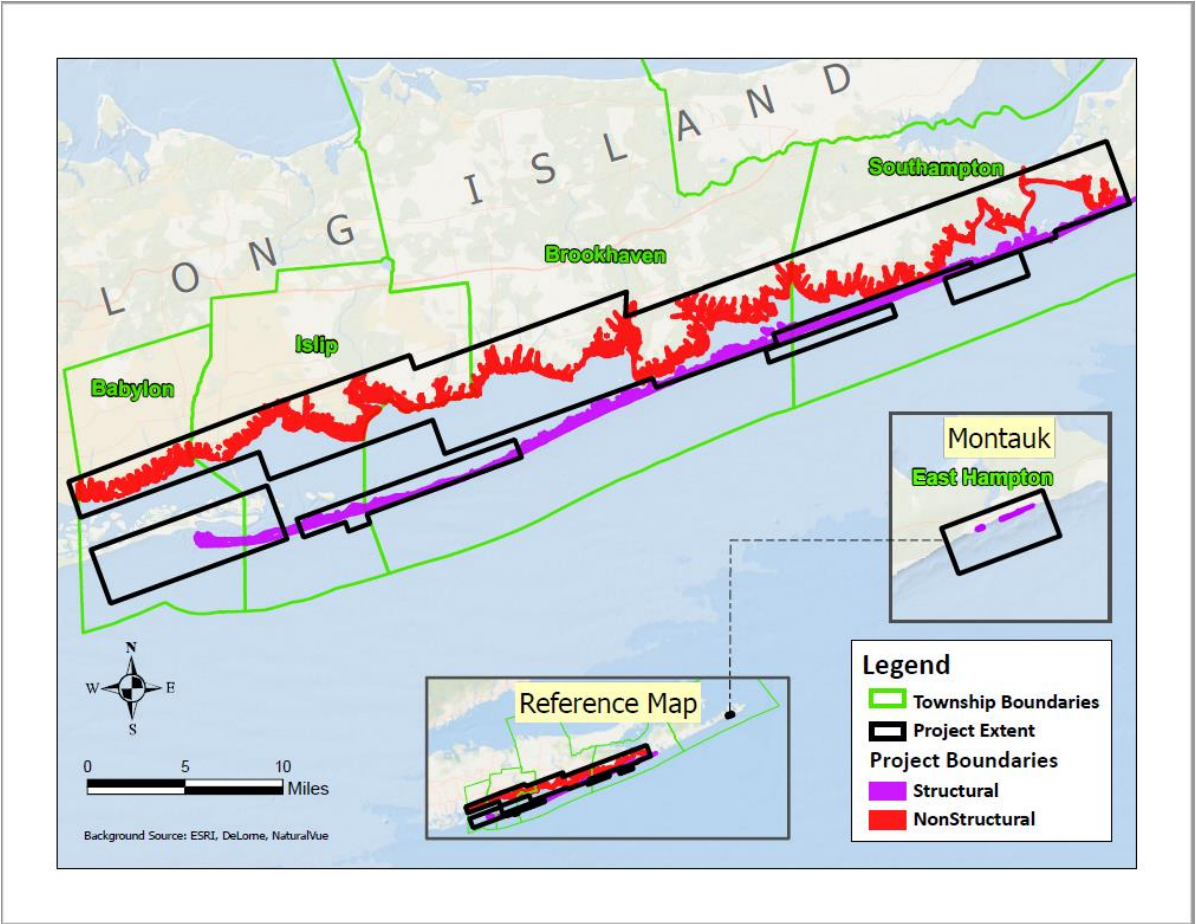


Contract	Description	Feature
1-S.A	Dredge Fire Island Inlet & Shoals; Place sand on Gilgo Beach & Robert Moses State Park; 9 Nov 2021 start	Structural
2-S.B	Dredging Moriches & Shinnecock Inlets and Shoals with CPF Sand Placement	Structural
3-S.C	Dredging Offshore Borrow Sites and Sand Placement Tiana and Montauk Beaches (Cost Justified for Mob/Demob)	Structural
S.D	Dredging Offshore Borrow Sites and Sand Placement	Structural
S.E	Groin Modification at Ocean Beach – Remove Groins after Well Relocation is functional	Structural
S.F	Initial Coastal Process Features when Renourished (Not Cost Justified as Stand-Alone Project (CPF's 4,5 and 6)	Structural
NS.A	Year 1 - Non-Structural Measures (Data Verification, Homeowner Apps, Phase 2 Surveys, Real Estate, Contracts)	NonStructural
NS.B	Year 2 - Non-Structural Measures (Approx. 1,000 Structures)	NonStructural
NS.C	Year 3 - Non-Structural Measures (Approx. 1,250 Structures)	NonStructural
NS.D	Year 4 - Non-Structural Measures (Approx. 1,250 Structures)	NonStructural
NS.E	Year 5 - Non-Structural Measures (Approx. 430 Structures)	NonStructural

Recommended Plan, Years 1 to 30



OVERALL CONTRACT LOCATION REFERENCE PLAN



Plan Features

Sand bypassing at Inlets:

- Fire Island Inlet, Moriches Inlet and Shinnecock Inlet
- Placement of dredged material on downdrift beach in quantities needed to supplement O&M dredging
- Bypassing to restore littoral transport of sediment across inlets for 50 years

Mainland nonstructural plan:

- Provides for coastal storm risk management for approximately 4,400 structures
- Breach responses on barrier islands: Proactive, Reactive, Conditional, and Wilderness

Barrier island components:

- Including dunes, periodic renourishment every 4 years for a 30 year period following construction, proactive breach response for years 31 to 50, initial placement of sand along 6,000 feet of shoreline on Montauk Beach, as feeder beach every 4 years for 30 years
- Removal of existing Ocean Beach groins to enable sand transport

Coastal Process Features (CPFs):

- 12 barrier island locations and 2 mainland locations
- Placement of approximately 4.2 million cubic yards of sediment along barrier island bayside shoreline over 50 years

Feasible

- Plan is technically feasible
- Plan is Mutually Acceptable to ASA(CW) & Department of Interior
- Fully executable upon approval
- Federally funded through P.L. 113-2
- 100% Federal for initial construction

Acceptable

- Plan is environmentally acceptable; NEPA compliance on schedule
- ATR and IEPR complete
- ASA Policy Waiver received for Recommended Plan
- Public meetings/comments indicate public support
- New York State and Department of Interior support the Recommended Plan

Sustainable

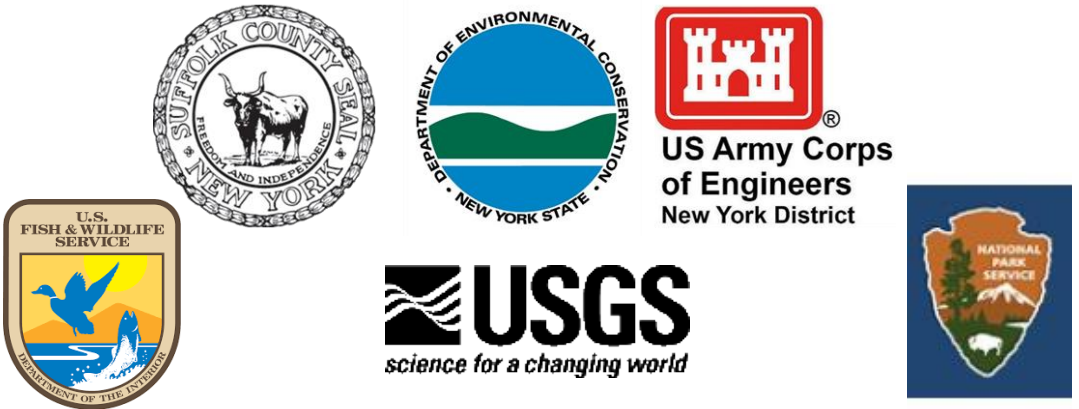
- Federal long-term requirement reduced with 30 year commitment
- Sponsor has capability to fulfill requirements

Suitable

- Resiliency - provides ability to withstand or recover from storm impacts with a systems approach
- Reliability - based on proven managed risk engineering solutions
- Adaptability - project features can be modified to address increase in sea level rise, if required

Study Team, Sponsor & Stakeholders

U.S. Army Corps of Engineers, New York District
New York State Department of Environmental Conservation
U.S Department of the Interior
U.S Fish & Wildlife Service
U.S National Park Service, Fire Island National Seashore
U.S Geological Service



Project First Cost – Summary

Project First Cost	\$1,541,981,000
Fully Funded First Cost	\$1,759,459,000
Benefit to Cost Ratio (BCR)	2.2
Annual Non-Fed OMRR&R Costs	\$677,000

Initial Construction is 100% Federal per Hurricane Sandy PL 113-2 (FY20 Prices)
Future nourishment efforts are cost-shared 50% Federal, 50% Non-Federal

Source of Non-Federal Funds: State of New York (NYSDEC)

Project Schedule

Milestone	Date
PPA Execution (Initial Construction Phase)	06-Aug-2021 (A)
Contract 1 (Fire Island Inlet sand bypassing) Award	27-Aug-2021 (A)
Contract 1 Construction Completion	Mar-2022 (S)
Contract 2 (Moriches/Shinnecock Inlet bypassing) Award	Jul-2022 (S)

US Army Corps of Engineers Project Website:

[www.https://www.nan.usace.army.mil/Missions/Civil-Works/Projects-in-New-York/Fire-Island-to-Montauk-Point/](https://www.nan.usace.army.mil/Missions/Civil-Works/Projects-in-New-York/Fire-Island-to-Montauk-Point/)

