

NEGATIVE DECLARATION DETERMINATION OF SIGNIFICANCE
PURSUANT TO STATE ENVIRONMENTAL QUALITY REVIEW
(PART 617 IMPLEMENTING REGULATIONS UNDER ARTICLE 8
OF ENVIRONMENTAL CONSERVATION LAW)

ROBERT MOSES STATE PARK BOAT CHANNEL DREDGING AND BEACH STABILIZATION PROJECT,
TOWNS OF BABYLON AND ISLIP, SUFFOLK COUNTY, NY

Date: January 29, 2014

Lead Agency: The New York State Housing Trust Fund Corporation

This State Environmental Quality Review Act (SEQRA) notice is issued pursuant to 6 NYCRR Part 617 in accordance with Article 8 of the Environmental Conservation Law.

The New York State Housing Trust Fund Corporation (hereafter HTFC), as lead agency, has determined that the proposed action described below will not have a significant impact on the human environment or a significant adverse environmental impact. Therefore, an environmental impact statement under SEQRA is not required.

Name of Action: Robert Moses State Park Boat Channel Dredging
and Beach Stabilization Project

SEQR Classification: Type 1

Conditioned Negative Declaration: No

Description of Action:

The New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) is requesting Community Development Block Grant-Disaster Recovery (CDBG-DR) funding from New York State Homes and Community Renewal (HCR), acting by and through HTFC, for an urgent, one-time dredging in Captree State Boat Channel and beach stabilization at Robert Moses State Park (Project). The Project involves dredging in the Captree Boat Channel approximately 400,000 cubic yards of material and pumping the material onto the beach at Robert Moses State Park in the area adjacent to Parking Fields 3, 4 and 5. The Project also involves grading of the beach to required beach profiles. The Project is necessary to stabilize and restore the Robert Moses Beach to its pre-Superstorm Sandy condition and to address continued beach erosion that can negatively impact infrastructure and the natural environment of Robert Moses State Park.

As part of the Project, OPRHP may also use the funds to acquire additional stockpile sand (up to 200,000 cubic yards) should it become available from other sources. Because it is not yet known from what source the additional sand would be obtained, the amount of sand, or whether the sand can be obtained at all within the Project schedule, this aspect of the Project would be subject to further review under SEQRA. OPRHP has stated that it would not undertake any dredging to obtain this additional sand; all stockpile sand would be tested for contaminants and

grain size in accordance with state and federal permits; stockpiling would occur only in previously approved areas to avoid impacts to natural resources; and OPRHP would obtain any necessary permits (and comply with any permit conditions imposed) before any stockpiling could begin.

The Project would remove shoal areas and would maintain safe navigation in Captree State Boat Channel, restoring the channel to its historic configuration. Stabilization of the beach area adjoining the traffic circle needs to be completed before the spring of 2014 to ensure protection from winter and spring storms, and to ensure public access to the Park during the summer of 2014 and beyond. The Project would support previous investments made to restore the Park and strengthen its beaches against future storms.

Location:

Robert Moses State Park, Towns of Babylon and Islip, Suffolk County, NY (see location map annexed to the Environmental Assessment Form (EAF))

Reasons Supporting This Determination:

The reasons supporting this determination are fully set forth in (1) the EAF annexed to this Negative Declaration and (2) the Tier 1 Environmental Assessment (EA) which is available online at: http://www.nyshcr.org/Programs/NYS-CDBG-DR/SuffolkCounty-RobertMosesStateParkDredgingandStabilization_EA.pdf, both of which are incorporated by reference herein. Based upon the EA and the EAF, HTFC has determined that the Project would not have a significant impact on the quality of the human environment or a significant adverse environmental impact.

The EAF and EA analyzed potential environmental impacts of the project related to floodpains & wetlands; construction; waterfront revitalization policies; historic resources; open space and recreational facilities; visual resources; traffic; air quality; noise; hazardous materials; energy; and environmental justice. The Project would be consistent with surrounding land uses in that it would restore a damaged natural area and associated recreational facilities to a prior state. As shown in the EA, no land development, neighborhood, socioeconomic, or community facility impacts would result from the Project. Nor would the Project result in any cumulative adverse impacts when considered with other dredging and beach renourishment activities in the vicinity of the Project site. Impacts to natural resources would be avoided and/or minimized through permit conditions.

For Further Information:

Contact Person: Ms. Heather Spitzberg, HTFC SEQR Officer
Address: Office of Community Renewal
38-40 State Street
Hampton Plaza
Albany, NY 12207
Telephone Number: (518) 486-3379

Full Environmental Assessment Form
Part 2 – Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency’s reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer “**Yes**” to a numbered question, please complete all the questions that follow in that section.
- If you answer “**No**” to a numbered question, move on to the next numbered section.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “Moderate to large impact may occur.”
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the “whole action”.
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land			
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1.D.1)		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
<i>If “Yes”, answer questions a – j. If “No”, move on to Section 2.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a.	The proposed action may involve construction on land where depth to water table is less than 3 feet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b.	The proposed action may involve construction on slopes of 15% or greater.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e.	The proposed action may involve construction that continues for more than one year or in multiple phases.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f.	The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g.	The proposed action is, or may be, located within a Coastal Erosion hazard area.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h.	Other impacts: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Impact on Geological Features The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1.E.2.g) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>If "Yes", answer questions a – c. If "No", move on to Section 3.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify specific land form(s) attached: The proposed project involves the dredging and placement of sand on the beach at Robert Moses State Park, in order to stabilize the beach to its pre-Superstorm Sandy conditions.	E2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Other Impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Impacts on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1.D.2, E.2.h) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>If "Yes", answer questions a – l. If "No", move on to Section 4.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D1h, D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

4. Impact on Groundwater The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If "Yes", answer questions a – h. If "No", move on to Section 5.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

5. Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) <i>If "Yes", answer questions a – g. If "No", move on to Section 6.</i>			
		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam [has failed to meet one or more safety criteria on its most recent inspection] <u>in need of repair or upgrade?</u>	E1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

6. Impacts on Air The proposed action may include a state regulated air emission source. (See Part 1.D.2.f, D2.h., D.2.g) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – f. If "No", move on to Section 7.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of [hydrochlorofluorocarbons (HCFCs)] <u>hydrochlorofluorocarbons (HFCs)</u> emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTUs per hour.	[D2f], D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any [two or more] of the thresholds in "a" through "c", above.	[D1g, D2k] D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1.E.2.m.-q.) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>If "Yes", answer questions a – j. If "No", move on to Section 8.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, or any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site. The impact of the proposed action on winter flounder spawning is examined in the accompanying Environmental Assessment. The Captree State Boat Channel is not expected to be a preferred habitat for egg and larvae recruitment.	E2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of	D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources			
The proposed action may impact agricultural resources. (See Part 1.E.3.a. and b.)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
<i>If "Yes", answer questions a – h. If "No", move on to Section 9.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an agricultural district.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

9. Impact on Aesthetic Resources			
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1.E.1.a, E.1.b, E.3.h)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
<i>If "Yes", answer questions a – g. If "No", go to Section 10.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination, or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	<input type="checkbox"/>	<input type="checkbox"/>
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project: 0-½ mile ½-3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

10. Impact on Historic and Archaeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1.E.3.e, f. and g.) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>If "Yes", answer questions a – e. If "No", go to Section 11.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Other impacts: _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. If any of the above (a-d) are answered "Yes," continue with the following questions to help support conclusions in Part 3: i. The proposed action may result in the destruction or alteration of all or part of the site or property. ii. The proposed action may result in the alteration of the property's setting or integrity. iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3g, E3f E3e, E3f, E3g, E1a, E1b E3e, E3f, E3g, E3h, C2, C3	<input checked="" type="checkbox"/>	<input type="checkbox"/>

11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1.C.2.c, E.1.c, E.2.q) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – e. If "No", go to Section 12.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b, E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c, E1c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1.E.3.) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – c. If "No", go to Section 13.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – f. If "No", go to Section 14.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

14. Impact on Energy The proposed action may cause an increase in the use of any form of energy. (See Part 1.D.2.k) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – e. If "No", go to Section 15.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor lighting. (See Part 1.D.2.m., n., and o.) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>If "Yes", answer questions a – f. If "No", go to Section 16.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in light shining onto adjoining properties.	D2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

16. Impact on Human Health The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q. E.1.d. f. g. and h.) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – m. If "No", go to Section 17.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home, or retirement community.	E1d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement, or deed restriction).	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

17. Consistency with Community Plans The proposed action is not consistent with adopted land use plans. (see Part 1.C.1, C.2 and C.3) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – h. If "No", go to Section 18.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a, E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d, D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action).	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character The proposed project is inconsistent with the existing community character. (See Part 1.C.2, C.3, D.2, E.3) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a – g. If "No", Proceed to Part 3.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g., schools, police and fire).	C4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f, D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3, E1a, E1b, E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other Impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

**Full Environmental Assessment Form
Part 1 – Project and Setting**

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonable available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D, & E, most items contain an initial question that must be answered either “Yes” or “No.” If the answer to the initial question is “Yes,” complete the sub-questions that follow. If the answer to the initial question is “No,” proceed to the next question. Section F allows the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action or Project: Robert Moses State Park Captree State Boat Channel Dredging and Beach Stabilization Project		
Project Location (describe, and attach a general location map): Towns of Babylon and Islip, Suffolk County, New York (see Figure 1)		
Brief Description of Proposed Action (include purpose or need): The proposed project is an urgent one-time dredging in the Captree Boat State Boat Channel and beach stabilization at Robert Moses State Park that would dredge an approximately 3,550-foot by 400-foot area of the existing Captree State Boat Channel west of the Robert Moses Bridge (see Figure 2) to a maximum depth of 14 feet below Mean Low Water (MLW). The resulting 400,000 cubic yards of material will be placed on the beach as stabilization material; excess sand would be stockpiled for future use. OPRHP may acquire additional stockpile sand (up to 200,000 cubic yards) should it become available from other sources. It is not yet known from what source the additional sand would be obtained, the amount of sand, or whether the sand can be obtained at all within the project schedule. Therefore, because of these variables, the project sponsors will undertake a more focused, site specific analysis of this additional 200,000 cubic yards of material when more information becomes available. The use of the up to 200,000 cubic yards of additional sand will not commence until appropriate environmental reviews and permitting are completed, however, the use of the sand is noted here since it would be placed in the aforementioned stockpile areas. All stockpile sand would be tested for contaminants and grain size in accordance with state and federal permits, and then placed in stockpile areas that avoid impacts to natural habitat. Overall, the proposed project would restore approximately 9,500 linear feet of beach, from an area west of Parking Lot 3 to the western edge of Parking Lot 5 (see Figure 3).		
The proposed project would remove shoal areas and would maintain safe navigation in Captree State Boat Channel, restoring the channel to its historic configuration. The dredged material would be used to restore a public beach, damaged by Superstorm Sandy, to its pre-storm conditions and to mitigate continued beach erosion. A portion of the beach stabilization area is located near the traffic circle surrounding the Robert Moses Water Tower, the park’s central access point and vital traffic management facility. As Robert Moses State Park receives millions of visitors per year, the stabilization of the beach and access roadways is an important part of the area’s post-Sandy recovery. The proposed project would support previous investments made to restore the Park and strengthen its beaches against future storms.		
Name of Applicant/Sponsor: New York State Office of Parks, Recreation, and Historic Preservation (OPRHP)	Telephone: (518) 474-0440	E-Mail: Marc.Talluto@parks.ny.gov
Address: 625 Broadway		
City/PO: Albany	State: NY	Zip Code: 12207
Project Contact (if not same as sponsor; give name and title/role): Marc Talluto, Director of Operations, OPRHP	Telephone: (518) 474-0440	E-Mail: Marc.Talluto@parks.ny.gov
Address: 625 Broadway		
City/PO: Albany	State: NY	Zip Code: 12207
Property Owner (if not same as sponsor): Same as sponsor	Telephone:	E-Mail:

Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>HCR/HTFC Receipt of CDBG-DR funding</p> <p>NYSDEC Modifications of existing permits: Tidal Wetlands (Article 25), Water Quality Certification (Section 401), Coastal Erosion Management (Article 34), Excavation and Fill in Navigable Waters (Article 15, Title 5)</p> <p>NYSDOS Coastal Management Program consistency</p> <p>OPRHP Approval of contract to conduct dredging and restoration activities for the proposed project</p>	<p>2014</p> <p>2013-2014</p> <p>2013-2014</p> <p>2014</p>
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>USACE Dredging-related permits (Section 10 of the Rivers and Harbors Act, Section 404 of the Clean Water Act), consultation under Section 7 of the Endangered Species Act</p> <p>FWS Section 7 Coordination</p> <p>NMFS Section 7 Coordination</p> <p>HUD Approval of CDBG-DR funding</p>	<p>2013-2014</p> <p>2013-2014 2013-2014</p> <p>2014</p>
<p>i. Coastal Resources</p> <p><i>i.</i> Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes,</p> <p><i>ii.</i> If the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>iii.</i> Is the project site within a Coastal Erosion Hazard Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		

C. Planning and Zoning

C.1. Planning and zoning actions.	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • If Yes, complete sections C, F and G. • If No, proceed to question C.2 and complete all remaining sections and questions in Part 1. 	
C.2. Adopted land use plans.	
a. Do any municipally adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

would be located?	
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, identify the plan(s):	
<u>The project site is within the South Shore Estuary Reserve watershed</u>	
<u>The Fire Island to Montauk Point Project provides for hurricane protection and beach erosion control along five reaches of the south shore of Long Island between Fire Island Inlet and Montauk Point. Storm protection dunes at Smith Point County Park and Robert Moses State Park will comprise a portion of the project, with construction set to begin in early 2014.</u>	
<u>The project site is also adjacent to but outside of the National Park Service's Fire Island National Seashore.</u>	
c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s):	

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

b. Is the use permitted or allowed by a special or conditional use permit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
c. Is a zoning change requested as part of the proposed action? If Yes,	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
i. What is the proposed new zoning for the site? _____	
C.4. Existing community services.	
a. In what school district is the project site located?	<u>Fire Island</u>
b. What police or other public protection forces serve the project site?	<u>New York State Park Police</u>
c. Which fire protection and emergency medical services serve the project site?	<u>West Islip Fire Department</u>
d. What parks serve the project site?	<u>The project site is a state park.</u>

D. Project Details

D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?	The proposed action involves the stabilization of the beach to its pre-Superstorm Sandy condition—in order to protect public park infrastructure—and the restoration of the Captree State Boat Channel to its historic depth.
b. a. Total acreage of the site of the proposed action?	approx. 72 acres (approx. 32 acres of dredging + approx. 40 acres of beach stabilization)
b. Total acreage to be physically disturbed?	approx. 72 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?	875 acres (Robert Moses State Park)
c. Is the proposed action an expansion of an existing project or use?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____	
d. Is the proposed action a subdivision, or does it include a subdivision?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes,	
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) _____	
ii. Is a cluster/conservation layout proposed? <input type="checkbox"/> Yes <input type="checkbox"/> No	
iii. Number of lots proposed? _____	
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____	
e. Will proposed action be constructed in multiple phases?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
i. If No, anticipated period of construction: _____ months	
ii. If Yes:	
<ul style="list-style-type: none"> • Total number of phases anticipated 5 phases • Anticipated commencement date of phase I (including demolition) February 2014 • Anticipated completion date of final phase June 2014 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: 	
The phases were developed based on discussions with NYSDEC in order to minimize potential effects on piping plover nesting and foraging areas along this section of beach. The phasing schedule prioritizes areas known for past nesting piping plover activity; these areas will be stabilized during the initial phases of the project so that the	

stabilization activities can be completed before the nesting period begins. Another important consideration in the phasing schedule is the need to stabilize critical areas, such as the traffic circle.

f. Does the project include new residential uses? Yes No

If Yes, show number of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? Yes No

If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground Water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading, or installation of utilities or foundations where all excavated materials will remain onsite) Yes No

If Yes:

i. What is the purpose of the excavation or dredging? **To restore Captree State Boat Channel to its historic depth (14 feet below MHW) and to generate material for placement on the beach for stabilization.**

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): **400,000 cubic yards**
- Over what duration of time? **90-120 days**

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, managed or dispose of them.

The material has been sampled, tested, and deemed appropriate for placement as beach stabilization material. In accordance with applicable NYSDEC standards, the material comprises 90% or greater sand or larger material and less than 0.5% of Total Organic Carbon (TOC). The nature of the materials was deemed by NYSDEC not to require further testing for any contaminants.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No

If yes, describe. _____

v. What is the total area to be dredged or excavated? Approximately 32 acres

vi. What is the maximum area to be worked at any one time? Approximately 32 acre

vii. What would be the maximum depth of excavation or dredging? 14 feet below MHW

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No

If Yes,

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):

Atlantic Ocean shore of Robert Moses State Park

ii. Describe how the proposed action would affect that water body or wetland, e.g., excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

The proposed project is designed to stabilize the shoreline eroded by Superstorm Sandy. Approximately 9,500 linear feet of shoreline will be stabilized as part of the proposed project.

iii. Will proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: **The dredging of Captree State Boat Channel will cause a temporary disturbance to bottom sediments in the channel.**

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- [area] acres of aquatic vegetation proposed to be removed _____
- expected acreage of aquatic vegetation remaining after project completion _____
- purpose of proposed removal (e.g., beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project:

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing sewer lines serve the project site? Yes No
- Will line extension within an existing district be necessary to serve the project? Yes No

If yes:

- Describe extensions or capacity expansions proposed to serve this project:

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e., ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e., sheet flow) during construction or post construction? Yes No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources

iii. Where will the stormwater runoff be directed (i.e., on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? Yes No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) **Hydraulic dredge, compressors, pumps, front end loaders, dump trucks**

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources in D.2.f (above) require a NY State Air Registration, Air Facility Permit, or federal Clean Air Act Title IV or Title V permit? Yes No

If Yes,

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____ Tons/year ([metric] short tons) of Carbon Dioxide (CO₂)
- _____ Tons/year ([metric] short tons) of Nitrous Oxide (N₂O)
- _____ Tons/year ([metric] short tons) of Perfluorocarbons (PFCs)
- _____ Tons/year ([metric] short tons) of Sulfur Hexafluoride (SF₆)
- _____ Tons/year ([metric] short tons) of Carbon Dioxide equivalent of [Hydroflorocarbons] Hydroflouorocarbons ([HFCs] HFCs)
- _____ Tons/year ([metric] short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities?) Yes No

If Yes,

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No

If Yes:

i. When is the peak traffic expected (check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

iii. Will the proposed action require a new, or an upgrade to, an existing substation? Yes No

1. Hours of operation. Answer all items which apply.

<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday – Friday: 24 hours per day. • Saturday: 24 hours per day. • Sunday: 24 hours per day. • Holidays: 24 hours per day. 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday – Friday: n/a • Saturday: n/a • Sunday: n/a • Holidays: n/a
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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No

If Yes:

i. Provide details including sources, time of day and duration:

The proposed project will use heavy equipment for dredging and beach restoration activities. This equipment may produce increased noise levels. The nearest residences from the beach restoration are over 4,000 feet away across the Fire Island Inlet. There are residences on Captree Island within several hundred feet of Captree Channel. Dredge and boat activity may cause temporary increases in noise level. Noises and increased human activity that would be generated during construction would likely cause disturbances to and displace some wildlife, but these effects would be temporary and localized to the specific segments of the project site undergoing construction activities.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No

Describe:

n. Will the proposed action have outdoor lighting? Yes No

If Yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

The hydraulic dredge equipment may include lighting if dredge operations are conducted at night. The dredging equipment and lighting will be visible from residences on Captree Island.

ii. Will proposed action remove existing natural barrier that could act as light barrier or screen? Yes No

Describe:

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No

If yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products (over 550 gallons) 185 gallons in above ground storage or any amount in underground storage? Yes No

If Yes,

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities

q. Will the proposed action (commercial, industrial and recreational project only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices?

Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation: _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction:

- Operation:

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction:

- Operation:

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:

ii. Generally describe processes or activities involving hazardous waste or constituents:

iii. Specify amount to be handled or generated: _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No

If Yes: provide name and location of facility:

If No: Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1 Land uses on and surrounding the project site

a. Existing land uses.

i. Check all land uses that occur on, adjoining and near the project site.

- Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): **Beach**

ii. If mix of uses, generally describe:

b. Land uses and cover types on the project site.

Land use or cover type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0 acres	0 acres	0
• Forested	0 acres	0 acres	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0 acres	0 acres	0
• Agricultural (includes active orchards, field, greenhouse, etc.)	0 acres	0 acres	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0 acres	0 acres	0
• Wetlands (freshwater or tidal)	Estuarine and Marine wetlands, approx. 30 miles along Fire Island Coast	same	0
• Non-vegetated (bare rock, earth or fill)	0 acres	0 acres	0
• Other Describe: _____	0 acres	0 acres	0

c. Is the project site presently used by members of the community for public recreation?

Yes No

i. If yes: explain: **The proposed project site is located within Robert Moses State Park**

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?

Yes No

If Yes:

i. Identify Facilities:

e. Does the project site contain an existing dam?

Yes No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?

Yes No

If Yes:

i. Has the facility been formally closed?

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities:

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store, and/or dispose of hazardous waste? Yes No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No

- Yes – Spills Incidents database Provide DEC ID number(s): _____
- Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
- Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures:

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? **approximately 1,000 feet**

b. Are there bedrock outcroppings on the project site? Yes No

If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site: **Sand** **100 %**
_____ %
_____ %

d. What is the average depth to the water table on the project site? **Average: 2 feet**

e. Drainage status of project site soils: Well Drained: _____ % of Site
 Moderately Well Drained: _____ % of Site
 Poorly Drained: **100%** of Site

f. Approximate proportion of proposed action site with slopes: : 0-10%: **100%** of Site
 10-15%: _____ % of Site
 15% or greater: _____ % of Site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe:

h. Surface water features:

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No

If Yes to either i or ii, continue. If No, skip to E.2.1.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information.

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name **Estuarine and marine** Approximate Size: **stretching along Fire Island and Captree State Boat Channel (approx. 30 miles)**

Wetland No. (if regulated by DEC) **2020 LZ. Littoral Zone.**

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No

If yes, name of impaired water body/bodies and basis for listing as impaired:

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100 year Floodplain? Yes No

k. Is the project site in the 500 year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No

If Yes:

i. Name of aquifer: **Nassau-Suffolk Aquifer System**

ii. Source of information: <http://www.epa.gov/region02/water/aquifer/nasssuff/nassau.htm>

m. Identify the predominant wildlife species that occupy or use the project site: **Northern harriers, double-crested cormorants, great cormorants, green and great blue herons, great and snowy egrets, ibis are seen feeding during various seasons. The Canada goose, smaller brant, mallard, black duck and red-breasted merganser are the most commonly seen of the 24 recorded duck-like species. Five species of plover dwell at water's edge with the sanderling being most prevalent. Oystercatchers are frequently spotted prying at mollusk shells. From September to mid-October, kestrels, peregrine falcons and even the monarch butterfly migrate through the Park. In addition, many species of neotropical songbirds use this flyway. Often seen throughout the winter months is the yellow-rumped warbler which feeds on the park's bayberry thickets. The thickets are also a popular feeding area for the resident white-tailed deer. Fox, raccoon, and mice are also present..**

n. Does the project site contain a designated significant natural community? Yes No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation):

The proposed project site is located near the maritime dunes at the western tip of Fire Island. Maritime dunes are a community dominated by grasses and low shrubs. The vegetation on the dunes grows in patches, which reflects past natural disturbances of this coastal community (i.e., sand deposition, erosion, and dune migration)

ii. Source(s) of description or evaluation: **NYSDEC Natural Heritage Program [http://www.acris.nynhp.org/guide.php?id=10004]**

iii. Extent of community/habitat:

- Currently: **approximately 20-30 acres**
- Following completion of project as proposed: **approximately 20-30 acres**
- Gain or loss (indicate + or -): **0**

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? Yes No

[If Yes:

i. Species and listing (endangered or threatened):

Piping plover (*Charadrius melodus*), Federally listed (threatened)

Seabeach amaranth (*Amaranthus pumilus*), Federally and state listed (threatened)

ii. Nature of use of site by the species (e.g., resident, season, transient):] **Breeding habitat for piping plover, seasonal for seabeach amaranth.**

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? Yes No

[If Yes:

i. Species and listing: **Black Skimmer (*Rynchops niger*), Seaside sparrow (*Ammodramus maritimus*, piping plover (*Charadrius melodus*), seabeach amaranth (*Amaranthus pumilus*)**

ii. Nature of use of site by the species (e.g., resident, seasonal, transient):

Black skimmers nest on non-barrier salt marsh islands; seaside sparrows are also present in salt marshes; piping plover breeding grounds; seabeach amaranth present seasonally.

q. Is the project site or adjoining area currently used for hunting, trapping, fishing, or shell fishing? Yes No

If yes, give a brief description of how the proposed action may affect that use:

The dredging proposed as part of the project is not expected to increase commercial or recreational boating and fishing.

E.3. Designated Public Resources On or Near the Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Marks Law, Article 25-AA, Sections 303 and 304? Yes No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? Yes No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s) _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? Yes No

If Yes:

i. Nature of the natural landmark: Biological Community Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent:

d. Is the project site located in or does it adjoin a state-listed Critical Environmental Area? Yes No

If Yes:

i. CEA name: _____

ii. Basis for designation: _____

iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
i. Nature of historic/archaeological resource:	<input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District
ii. Name:	Robert Moses State Park
iii. Brief description of attributes on which listing is based:	Originally known as Fire Island State Park, it is the oldest state park on Long Island. Field 3 bathhouse was constructed in 1940. Access to Robert Moses was originally by ferry service until 1964 when the Robert Moses Causeway opened. Similar to the entrance of Jones Beach, the water tower at Robert Moses is a large iconic feature of the park that the visitors will see from miles away when approaching the park. Robert Moses State Park is one of the early park developments completed by Robert Moses on Long Island. The overall historic district would include the parkways; Ocean Parkway connecting it to Jones Beach, Robert Moses Causeway, Sagtikos Parkway, and the Sunken Meadow Parkway connecting it to Sunken Meadow State Park.
<u>Criterion A for historic significance and Criterion C for distinctive architectural characteristics.</u>	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resourced been identified on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Describe possible resource(s):	_____
ii. Basis for identification:	_____
h. [Would] <u>Is</u> the project site [be visible from] <u>within five miles of</u> any officially designated and publicly accessible federal, scenic or state, or local aesthetic resource?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
i. Identify resource:	Fire Island National Seashore
ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):	As established in 1964: "For the purpose of conserving and preserving for the use of future generations certain relative unspoiled and undeveloped beaches, dunes, and other natural features...as examples of unspoiled areas of great natural beauty in close proximity to large concentrations of urban population."
iii. Distance between project and resource:	approx. 3/4 miles.
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Identify the name of the river and its designation:	_____
ii. Is the activity consistent with development restrictions contain in 6NYCRR Part 666?	<input type="checkbox"/> Yes <input type="checkbox"/> No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

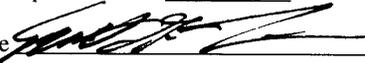
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Scott G. Fish

Date 1/9/14

Signature  _____

Title Capital Facilities Regional Manager II



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0 0.5 1 2 Miles
 Legend:
 Beach Restoration Area (red line)
 Dredging Area (blue line)

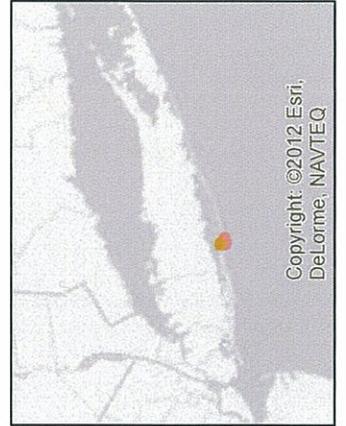
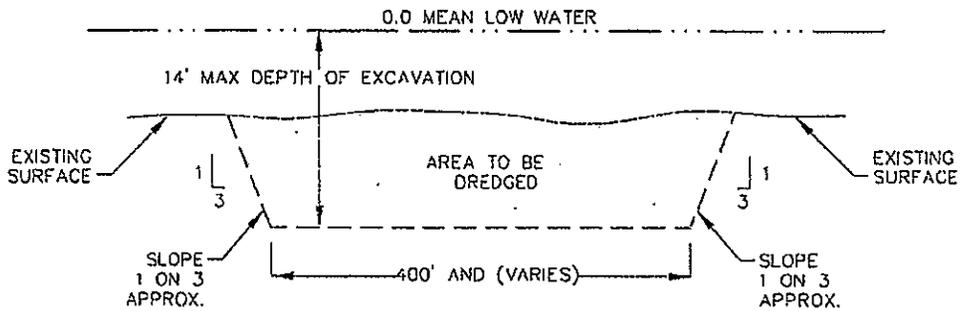
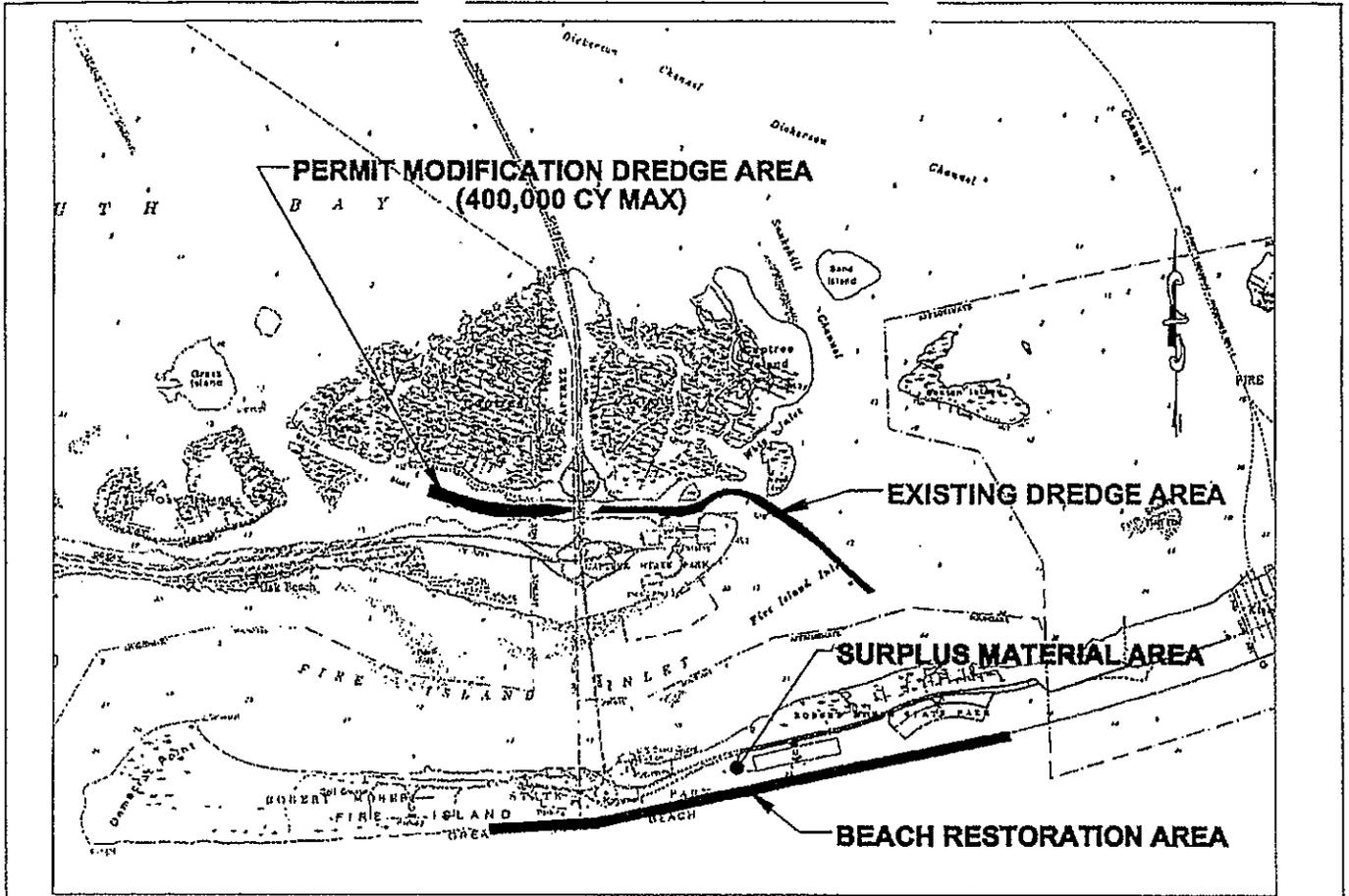


Figure 1
 Project Location

Robert Moses State Park Boat Channel Dredging and Beach Stabilization Project

Figure 2a
Dredging Area



NAN-2010-00491-M2
pg 1 of 8

PREPARED BY

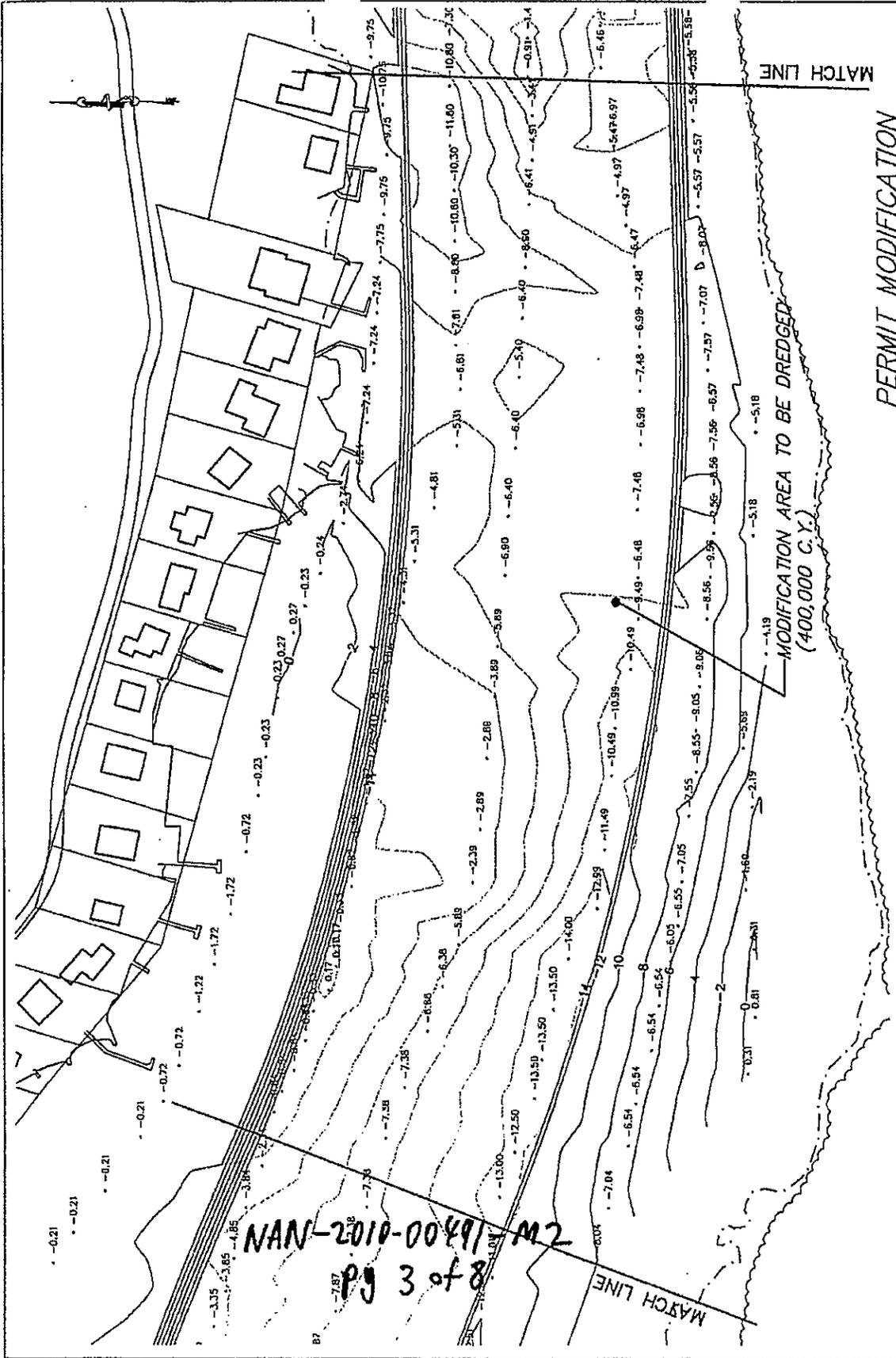
Cashin Associates, P.C.
ENGINEERING PLANNING CONSTRUCTION MANAGEMENT

PERMIT MODIFICATION
KEY LOCATION MAP

APPLICATION BY
NEW YORK STATE OFFICE OF PARKS
RECREATION AND HISTORIC PRESERVATION

CAPTREE CHANNEL
TOWN OF ISLIP; SUFFOLK COUNTY, NEW YORK
DATE: MARCH 2010, REV. APRIL 4, 2011
MODIFICATION DATE: JULY 2, 2013

Figure 2c
Dredging Area



DATE: MARCH 2010
MODIFICATION DATE: JULY 2, 2013

APPLICATION BY
NEW YORK STATE OFFICE OF PARKS
RECREATION AND HISTORIC PRESERVATION



PERMIT MODIFICATION
MAINTENANCE DREDGING AREA

CAPTREE CHANNEL
TOWN OF ISLIP, SUFFOLK COUNTY, NEW YORK

SHEET 1 OF 6

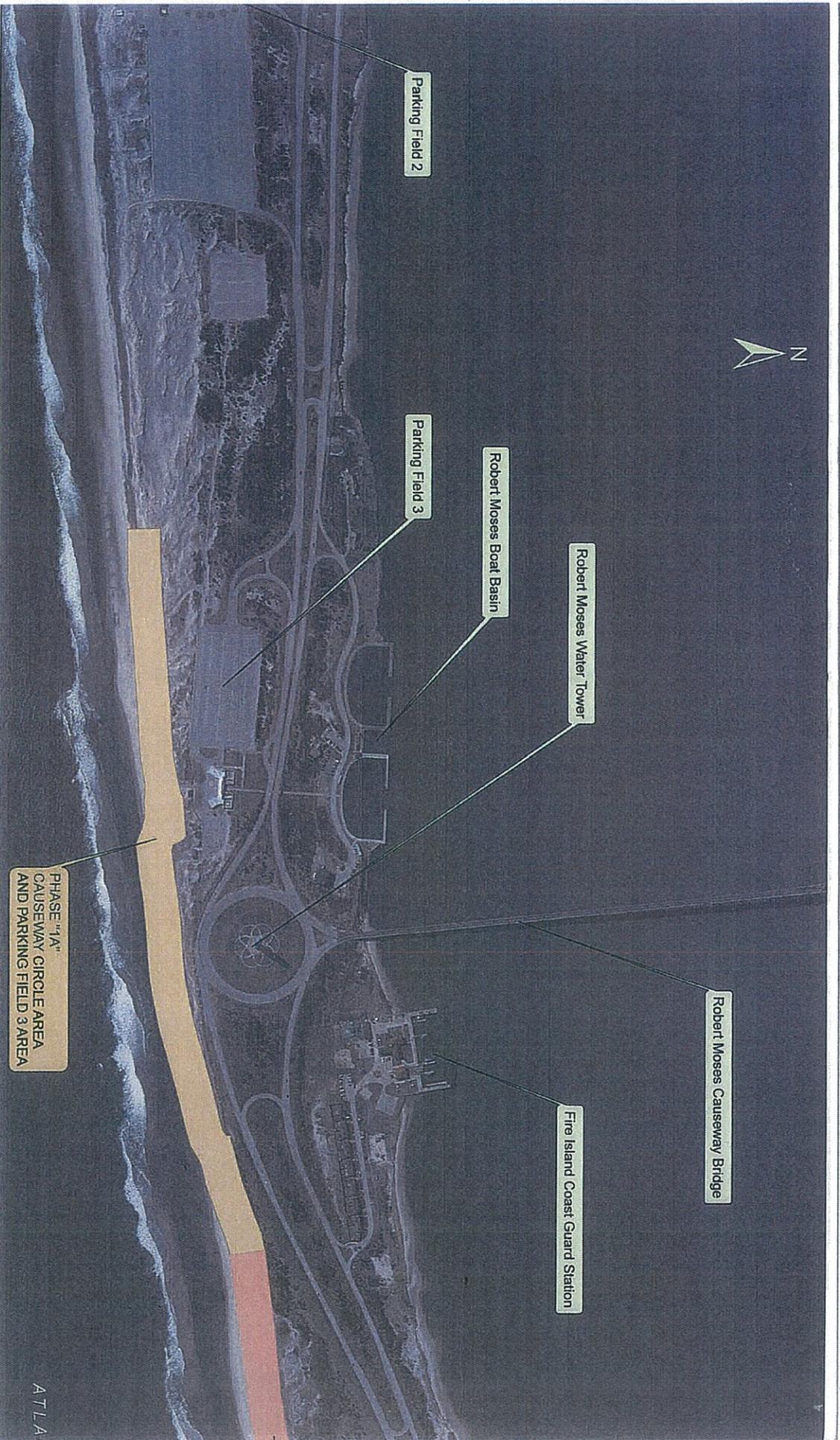
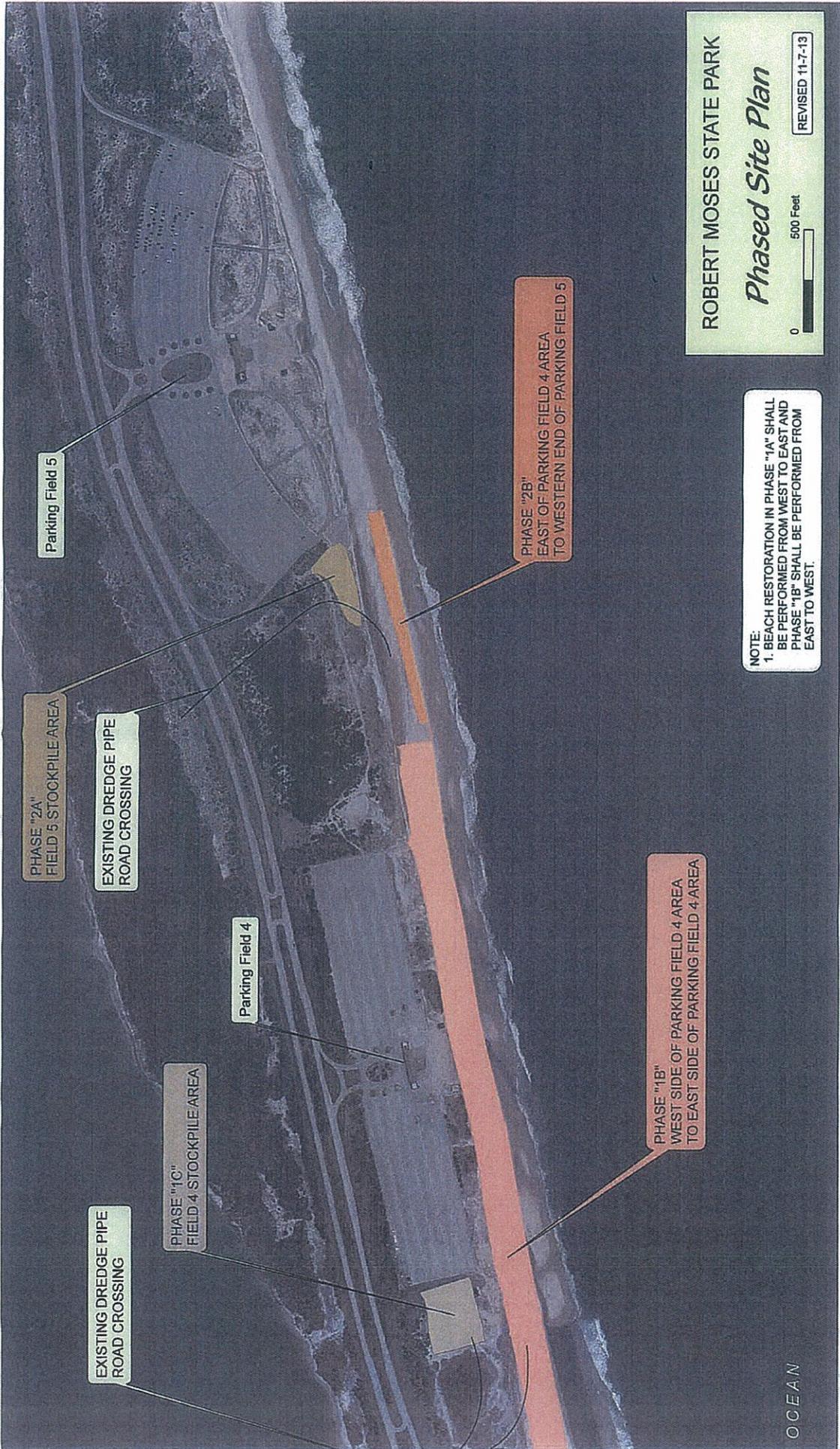


Figure 3a

Beach Restoration Site Plan

Robert Moses State Park State Boat Channel Dredging and Beach Stabilization Project



ROBERT MOSES STATE PARK

Phased Site Plan

REVISED 11-7-13



NOTE:
1. BEACH RESTORATION IN PHASE "1A" SHALL BE PERFORMED FROM WEST TO EAST AND PHASE "1B" SHALL BE PERFORMED FROM EAST TO WEST.

NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF

PERMIT NO. 4728-0955/00029
DATE 11/8/13

Figure 3b

Beach Restoration Site Plan

Robert Moses State Park Boat Channel Dredging and Beach Stabilization Project