DRAFT FLOODPLAIN MANAGEMENT PLAN

Executive Order (EO) 11988 Floodplain Management
EO 11990 Protection of Wetlands

SHORELINE STABILIZATION AND ROAD IMPROVEMENTS – OAK BEACH
Oak Beach Road, Oak Beach, Town of Babylon,
Suffolk County, New York

September 14, 2018
Shoreline Stabilization and Road Improvements – Oak Beach  
EO 11988 Floodplain Management and EO 11990 Wetlands Protection Plan  
NY State Community Reconstruction Program within Community Development Block Grant  
Disaster Recovery Program  
November 16, 2018

Introduction & Overview
The purpose of Executive Order (EO) 11988 Floodplain Management is “to avoid to the extent possible the long- and short-term adverse impacts associated with occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.” The purpose of EO 11990 Protection of Wetlands is “to avoid to the extent possible the long- and short-term adverse impacts associated with the destruction or modification of wetlands and to avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative.” This report contains the analysis prescribed by 24 CFR Part 55 and documents the eight-step decision making process for the Proposed Action and pertains to activities within the Special Flood Hazard Area (SFHA) as defined by the Federal Emergency Management Agency (FEMA), or its successors, pursuant to the National Flood Insurance Program (NFIP), or a successor program, whether advisory, preliminary, or final.

The Governor’s Office of Storm Recovery (GOSR), an office of the New York State Housing Trust Fund Corporation (HTFC), is proposing to use Community Development Block Grant – Disaster Recovery (CDBG-DR) funding from the NY Rising Community Reconstruction Program to fund the Shoreline Stabilization and Road Improvements – Oak Beach Project (Proposed Action). The Proposed Action includes strengthening the shoreline stabilization structures at the most critical points along Oak Beach's shoreline and restoring Oak Beach Road, Oak Beach, Suffolk County. Oak Beach Road is located on a barrier island on the eastern end of Jones Beach Island, within the town of Babylon, Suffolk County, New York.

The analysis that follows focuses on floodplain and wetland impacts because the Proposed Action will result in impacts to 100-year floodplain and wetlands. Based on an analysis of the Proposed Action activities and locations described herein, it is concluded that there is a reasonable basis to proceed with funding for this Proposed Action within floodplain and wetlands. The CDBG-DR funding is administered through the New York State Rising Community Reconstruction Program which is using bottom-up community participation and State-provided technical expertise to develop resilient and sustainable communities. Thus, alternatives preventing or impeding the development of resilient and sustainable communities are not considered reasonable alternatives.

Description of Proposed Action & Land Use
The Proposed Action includes the restoration of the existing Oak Beach roadway that has sustained damage due to past erosion and storm events. The pitch of Oak Beach Road will be altered for better drainage and reducing on-street flooding. Approximately 22 feet by 1,489 feet of the Oak Beach roadway will be restored, the asphalt will be reconstructed to raise the elevation of the road along approximately 505 feet of road and clearing and grading along the northern side of the road, 20 feet to the north. Within this 20-foot-wide strip of cleared land, an approximate 9,543 square foot bioswale is proposed on the north side of the roadway and an approximate 13,443 square foot planted stabilization berm is proposed on the south side of the roadway. Appropriate native species will be utilized within the vegetated bioswale and stabilization berm. The bioswale and berm will assist with alleviating flooding of the road as well as help prevent erosion and allow groundwater to slowly infiltrate the ground. These sections are NOT located in a floodplain and tidal wetland.

On the south side of the road at two sections of the road, an eastern and western section, a planted berm with soil will be constructed for stabilization and connected to a stone revetment (geotextile fabric and
armor stone) which will be anchored into a vegetated low sill bulkhead up to the mean high-water line. The two sections are approximately 40 feet in length and total approximately 20,322 square feet. Shoreline stabilization will prevent future erosion events from impacting the roadway.

Oak Beach Road is a single-entry road that serves all of Oak Beach’s residents and which becomes impassable during flood events due to its proximity to the inadequately protected shoreline. Part of the western edge of the road collapsed due to the destabilization of the shoreline and subsurface material. Several additional breach points, particularly adjacent to jetties, permitted the storm surge to enter the community and significantly added to the magnitude of flooding. These jetties will be upgraded for anticipated sea level rise and connected to the improved adjacent shoreline structures to mitigate these breach points in the future.

The Proposed Action would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation. The proposed infrastructure improvements will contribute to meeting the New York State CDBG-DR Action Plan’s goals of rebuilding community infrastructure to help mitigate the future impact of flooding for the area.

Applicable Regulatory Procedure Per EO 11988 and EO 11990

The Proposed Action corresponds with a noncritical action not excluded under 24 CFR §55.12(b) or (c), and the use is a functionally dependent use. Funding is permissible for the use in the floodplain and wetland if the proposed action is processed under §55.20 and the findings of the determination are affirmative to suggest that the project may proceed. No work is anticipated in a floodway.

Based on data managed and updated by the U.S. Fish & Wildlife Service (USFWS) and New York State Department of Environmental Conservation (NYSDEC), there will be direct construction in or immediately adjacent to mapped wetlands.

According to 24 CFR §55, the activity planned to replace, repair and construct structures occurs in communities in Suffolk County that are in the regular program of the National Flood Insurance Program (NFIP) and the communities are currently in good standing. This Proposed Action is aimed at flood mitigation through road raising and shoreline stabilization of Oak Beach’s primary access road. As such, the full eight-step decision making process in §55.20 is required, and the following analysis examines each step.

Step 1. Determine Whether the Proposed Action is Located in the 100-year Floodplain (500-year for Critical Actions) or results in New Construction in Wetlands.

The individual project site location, conditions and activities will determine the applicable federal, state and local permits required to be obtained prior to commencing work. The shoreline stabilization area is located in Zone AE with a base flood elevation of 8 feet according to Flood Insurance Rate Map (FIRM) 36103C0868H, effective date September 25, 2009 and in a NYSDEC tidal wetland, littoral zone. The FIRM and tidal wetland map are attached to this document.

The Proposed Action will result in impacts to 100-year floodplain and wetlands and will require an individual Section 404 permit under the Clean Water Act, Town of Babylon Coastal Erosion Hazard Area permit, New York State Department of Environmental Conservation (NYS DEC) Tidal Wetlands Permit (ECL Article 25), NYSDEC Protection of Waters (ECL Article 15 and Excavation and Fill in Navigable Waters) and Local Floodplain Development Permit. The Proposed Activity will result in temporary impacts to 0.78 acres of 100-Year Floodplain and 0.78 acres of NYSDEC tidal wetlands. The Proposed Activity will result in permanent impacts to 0.78 acres of 100-Year Floodplain and 0.78 acres of NYSDEC-mapped tidal wetlands. See Attachment 1.
Because the proposed action is located within a floodplain and wetlands, the GOSR published an early notice that allowed for the public and public agencies to provide input on the decision to provide funding for the proposed action. The early public notice and 15-day comment period is complete. No public comments were received.

"Early Notice of a Proposed Activity in a 100-Year Floodplain & Wetland” was published in the Babylon edition of the South Bay’s Neighbor newspaper on August 29, 2018, with the 15-day period expiring on September 14, 2018. The notice targeted local residents, including those within the floodplain. The notice was also sent to the following state and Federal agencies on August 29, 2018: HUD; Federal Emergency Management Agency (FEMA); U.S Fish and Wildlife Service (USFWS); U.S. Environmental Protection Agency (EPA); NYSDEC; NY State Historic Preservation Office (SHPO); NYS Office of Parks, Recreation and Historic Preservation; NYS Department of Transportation (DOT); and the NYS Division of Homeland Security & Emergency Services. The notice was also sent to the Town of Babylon. (See Appendix 2 of this EO 11988 Floodplain Management & EO 11990 Wetlands Protection Plan for the published notice and distribution letter, and Appendix 3 for the publication affidavit).

Step 3. Identify and Evaluate Practicable Alternatives to Locating the Proposed Action in a 100-year Floodplain (or 500-year Floodplain if a Critical Action) or Wetland.
The New York State Rising Community Reconstruction Program is structured to provide eligible communities resources and expertise to build projects resilient to future flooding events.

The primary alternative for the current proposed action is the “no action” alternative. This alternative means that there would be no rehabilitation and mitigation to the existing roadway and no work would be undertaken to alleviate the flood and erosion problem. This would leave the surrounding neighborhoods vulnerable during flooding. Oak Beach Road is a single-entry road that serves all of Oak Beach’s residents and which becomes impassable during flood events due to its proximity to the inadequately protected shoreline. The “no action” alternative would provide no protection to the roadway and greater community from future flood events, as mitigation would be compromised due to lack of financial support. Thus, the “no action” alternative is not feasible in relation to the desired objective of creating area resiliency to future flooding events.

The existing road and shoreline stabilization structures are noncritical actions and a functionally dependent use, which are allowed to be constructed in wetlands, 100-year floodplain, coastal high hazard areas and floodways if processed under §55.20.

The above identified alternatives will be re-evaluated in response to public comments received.

Step 4. Identify & Evaluate Potential Direct & Indirect Impacts Associated with Occupancy or Modification of 100-year Floodplain and Potential Direct & Indirect Support of Floodplain and Wetland Development that Could Result from Proposed Action.
The focus of floodplain evaluation should be on adverse impacts to lives and property, and on natural and beneficial floodplain values. Natural and beneficial values include consideration of potential for adverse impacts on water resources such as natural moderation of floods, water quality maintenance, and groundwater recharge.

According to the FEMA Report - A Unified National Program for Floodplain Management, two definitions commonly used in evaluating actions in floodplains are “structural” and “non-structural” activities. Per the report, structural activity is usually intended to mean adjustments that modify the behavior of floodwaters through the use of measures such as public works dams, levees and channel work. Non-structural is usually
intended to include all other adjustments (e.g., regulations, insurance, etc.) in the way society acts when occupying or modifying a floodplain. These definitions are used in describing impacts that may arise in association with potential advancement of this case.

Natural moderation of floods
The Proposed Action is aimed at flood mitigation through strengthening the shoreline stabilization structures at the most critical points along Oak Beach's shoreline and improving drainage from Oak Beach Road within the 100-year floodplain and wetlands. As such, while the Proposed Action may potentially result in future indirect impacts to property during certain severe floods and related natural disasters, the Proposed Action is designed to alleviate the impacts from future severe floods. The vegetated bioswale, and berm, although not located in a floodplain, will assist with alleviating flooding as well as help prevent erosion and allow groundwater to slowly infiltrate the ground, functioning as a floodplain does during flood events. The bioswale, berm and the stabilization structures will be vegetated with the appropriate native species improving the habitat of project area and slowing flood waters.

Living resources such as flora and fauna
No effect on flora and fauna is anticipated from strengthening the shoreline stabilization structures at the most critical points along Oak Beach's shoreline and improving the drainage of Oak Beach Road. A minor impact may arise during the construction. However, no effect is anticipated since construction best management practices following permit requirements and conditions will be implemented during the construction period and disturbed areas returned to improved conditions upon completion of project activities. Green infrastructure solutions are incorporated in the project including vegetation with native species of the bioswale, berm and stabilization structures. Furthermore, the Proposed Action will protect water quality through the use of a bioswale and prevent deterioration from erosion through road drainage improvements and stabilization structures.

The Proposed Action will result in the loss of 0.78 acres of open shoreline due to the placement of the stone revetment. The Proposed Action is not anticipated to result in the loss of any vegetated habitat and includes the revegetation of beach grass within the upland portions of the project site; revegetation is proposed landward of the revetment and seaward of the roadway. Under existing conditions, the proposed project area is subject to frequent disturbance due to the adjacent roadway and variable wave action from boat traffic and storm events. These events are causing increased erosion to the area. Due to these conditions the project area is not expected to provide high quality habitat. The Proposed Action is designed to reduce erosion along the shoreline and is not anticipated to impact the erosion along the neighboring properties or seaward of the project site.

The Oak Beach community face several hazards during hurricanes and nor’easters as evidenced by the destruction of Superstorm Sandy, including the destabilization of the shoreline, breaches in shoreline protection infrastructure that contribute to extensive flooding and sediment movement, damage to jetties, and destabilization of the southern flank of Oak Beach Road.

Impacts to Property & Lives
The Proposed Action does not present potential to impact occupancy of floodplain as no new construction would be performed that affected the local residential, commercial and industrial structures. The proposed activities consist of shoreline stabilization and reconstruction and drainage improvements along Oak Beach Road. As such, the Proposed Action is not expected to significantly modify property in floodplains.

Oak Beach Road is a single-entry road that serves all of Oak Beach’s residents and which becomes impassable during flood events due to its proximity to the inadequately protected shoreline. This project seeks to reduce flooding to the infrastructure on which residents rely, including Oak Beach Road. The cost to stabilize the entire shoreline of these communities would overspend the NYRCR funding allocation for
NYCR West Gilgo to Captree; therefore, this project would seek to mitigate flooding in the most vulnerable locations along the shoreline. This project would fund the strengthening of the shoreline stabilization structures. The project would also fund improvements to Oak Beach Road to reduce on-street flooding and improve drainage, particularly through the incorporation of green infrastructure. Improvements to the roadway such as altering the pitch of the road and the utilization of the northern vegetated flank as a bioswale will reduce flooding of the road.

The proposed road drainage improvements and reconstruction will sustain area property values and community character within a developed district and neighborhoods. This construction will provide flood, hurricane and stormwater control, and increase the economic and environmental resiliency of the Suffolk County community to future climate-related events. If this Proposed Action was not funded, there probably would be other undefined, undesirable indirect impacts to resident's quality of life, ease of accessibility to surrounding residences, and emergency service access, in the event they are needed.

*Cultural resources such as archaeological, historic & recreational aspects*
On August 1, 2018, 2018, the NYSHPO reviewed the Proposed Action and determined that no historic properties will be affected by this undertaking. All work will be completed in previously disturbed areas and therefore are not areas where archeological artifacts would be intact.

*Agricultural, aquacultural, & forestry resources*
It is common knowledge there are substantial agriculture and fishing industries on Long Island including aquaculture. Per the 2012 State Comptrollers Report, *Agriculture in Long Island*, indicates that aquaculture brought in approximately $7.6 Million in sales revenue, representing 2.9% of the total economic share. This report also notes that although the Long Island region has undergone extensive suburban development over the past 60 years, agriculture remains an important sector, and provides many benefits to the regional economy and local residents. The Proposed Action area includes the Long Island South Shore Estuary Reserve, which includes the shallow interconnected bays and tidal tributaries providing highly productive habitats that support the largest concentration of water-dependent businesses in the State. Water quality in the estuary is crucial to the health of the commercial and recreational fishing and shellfishing industries.

It is possible during the short-term construction activities the disturbance could impact local water quality and this economic sector, although the impact attributable to this use could not be quantitatively derived. However, a qualitative analysis suggests that the impact would be very small as mitigative measures and BMPs will be utilized during construction. These measures include, but are not limited to, installing temporary silt fencing on land to prevent soil and/or debris from being washed off-site and installing turbidity curtains in the water to minimize sediment transportation from the area of disturbance to the larger body of water per the soil erosion control plan. Project activities will be completed in accordance with all applicable federal, state and local permit requirements and conditions. Permits required for each individual project will be obtained prior to commencing work and all permit requirements and conditions will be adhered to by the recipient. Thus, no or minor temporary impacts from the Proposed Action is anticipated.

*Wetland Evaluation*
The purpose of wetland evaluation is to consider factors relevant to a Proposed Action’s effect on the survival and quality of the wetland. These factors should include public health (including water supply and water quality), maintenance of natural systems, cost increases attributed to construction in wetland, and other uses of wetland in the public interest.
Public health, safety, and welfare, including water supply, quality, recharge, and discharge; pollution; flood and storm hazards and hazard protection; and sediment and erosion.

This project would help to reduce flood risk to routes for evacuation and access by emergency response services. The beneficiaries for this project include 189 residences, or an estimated 467 seasonal and year-round residents. Of this population, 22.3%, or an estimated 104 residents, are 65 years of age or older.

Desired improvements to Oak Beach Road include the incorporation of green infrastructure to capture and infiltrate excess stormwater from the roadway. This water will naturally filter through the sediments, improving water quality and recharging the groundwater.

The purpose of this project is to reduce shoreline erosion and flood risk to residences and related infrastructure in Oak Beach. The residents of Oak Beach are located on the inlet and are subject to extensive wave action and erosion. The communities face several hazards during hurricanes and nor’easters as evidenced by the destruction of Superstorm Sandy, including the destabilization of the shoreline, breaches in shoreline protection infrastructure that contribute to extensive flooding and sediment movement, damage to jetties, and destabilization of the southern flank of Oak Beach Road.

Oak Beach Road is a single-entry road that serves all of Oak Beach’s residents and which becomes impassable during flood events due to its proximity to the inadequately protected shoreline. Part of the western edge of the road actually collapsed due to the destabilization of the shoreline and subsurface material. Although the Town of Babylon conducted basic stabilization and repairs in order to put the road back into use, the shoreline along the road is in dire need of long-term stabilization with potential improvements needed to the roadway and drainage infrastructure to reduce future inundation.

This project seeks to reduce flooding to residences and the infrastructure on which they rely, Oak Beach Road. The cost to stabilize the entire shoreline of these communities would overspend the NYRCR funding allocation for NYRCR West Gilgo to Captree; therefore, this project would seek to mitigate flooding in the most vulnerable locations along the shoreline. This project would fund the strengthening of the shoreline stabilization structures. The project would also fund improvements to Oak Beach Road to reduce on-street flooding and improve drainage, particularly through the incorporation of green infrastructure. Improvements to the roadway including altering the pitch of the road and utilization of the northern vegetated flank as a bioswale will reduce flooding.

Maintenance of natural systems, including conservation and long-term productivity of existing flora and fauna; species and habitat diversity and stability; natural hydrologic function; wetland type; fish; wildlife; timber; and food and fiber resources.

Implementation of the Proposed Action will comply with all best management practices and permit requirements and conditions set forth in the applicable Federal, State, and local permits. The project area provides habitat for both NYS and USFWS threatened and endangered species as well as essential fish habitat (EFH). Construction will not occur during the time frame in which these species will be present, such as breeding season. The final restoration of the project area includes planting and stabilization with native vegetation which provides habitat for some of the species. No in water work will occur that could affect EFH.

The Proposed Action will result in the loss of 0.78 acres of open shoreline due to the placement of the stone revetment. The Proposed Action is not anticipated to result in the loss of any vegetated habitat and includes the revegetation of beach grass within the upland portions of the project site; revegetation is proposed landward of the revetment and seaward of the roadway. Under existing conditions, the proposed project area is subject to frequent disturbance due to the adjacent roadway and variable wave action from boat traffic and storm events. These events are causing increased erosion to the area. Due to these conditions the project area is not expected to provide high quality habitat. The Proposed Action is designed to reduce
erosion along the shoreline and is not anticipated to impact the erosion along the neighboring properties or seaward of the project site, improving the water quality adjacent to Oak Beach Road.

No effect on flora and fauna is anticipated from the Proposed Action. The Proposed Action will reduce the amount of debris reaching bodies of water where it could potentially damage sensitive ecosystems and reduce pollutant load to the bay by improving storm water infrastructure in the community.

Cost increases attributed to wetland-required new construction and mitigation measures to minimize harm to wetlands that may result from such use. The Proposed Activity will result in temporary impacts to 0.78 acres of NYSDEC tidal wetlands and in permanent impacts to 0.78 acres of NYSDEC-mapped tidal wetlands. The proposed project activities will be completed in accordance with construction best management practices and all applicable federal, state, and local permits and their requirements and conditions, which will be obtained prior to commencing work. Consequently, there are no additional anticipated cost increases attributed to necessary mitigation measures to minimize harm to wetlands that may result from such use and improvements. Rather, there are cost benefits gained by proceeding with the Proposed Action. The result from these improvements will be reduced exposure to flood damage and risk for economic loss associated with rebuilding and repairs for repetitive losses and economic savings from reduced future costs associated with deferred maintenance and personnel sent to work at road closure.

Other uses of wetland in the public interest, including recreational, scientific, and cultural uses. Road improvements attract tourists and outdoor recreationists for day trips and seasonal rentals. These users contribute to the tourism economy as well as several other service industries, including recreation, restaurants, fuel/service stations, and other retail. Economic benefits from implementing this project include avoided future costs from damage to personal property (e.g., vehicles and residences) that will likely result from repetitive future flooding. Additionally, this project will create jobs for the construction activities over the full implementation period. An estimated 16 full time equivalent employee positions would be created.

This project will help to maintain the value and salability of the homes in Oak Beach. In addition, this project aligns with and supports the REDC “Key Strategy” to create jobs relating to infrastructure and recreation: Produce a new generation of sustainable, well-paying jobs in the legacy sectors of agriculture, aquaculture, fisheries and tourism by expanding export opportunities, infrastructure, recreation facilities, research partnerships and workforce training.

Step 5. Where Practicable, Design or Modify the Proposed Action to Minimize the Potential Adverse Impacts to and from the 100-Year Floodplain and to Restore and Preserve its Natural and Beneficial Functions and Values.

The Proposed Action including drainage improvements along Oak Beach and road reconstruction as well as shoreline stabilization is a direct policy requirement to specify standards that mitigate flood risk. Projects will be designed to reduce flood frequency, duration and extent. Improvements and upgrades will be designed for resilience in the face of sea level rise and increasing frequency and intensity of extreme weather events. The goal is to improve the community’s natural and engineered storm water management and flood control systems to mitigate flood risk and improve water quality during future floods. However, it is still reasonable to promote awareness of future risks of natural hazards, including flooding, plus the physical, social and economic impacts that potential storm events could convey, including the potential for future physical damage to the surrounding property.
The “no action” alternative would not address the purpose and need of the Proposed Action. Without the Proposed Action, the impacted community would be left more susceptible to future floods than it would after the implementation of the Proposed Action. Therefore, the “no action” alternative examined is not considered desirable and the Proposed Action is still practicable in light of development in floodplain, possible adverse impacts on floodplain, the extent to which it may aggravate current hazards to other floodplains, and the potential to disrupt natural and beneficial functions and values of floodplains. Additionally, implementation of the Proposed Action will abide by all applicable state and local codes for floodplain development. As such, the impact of the Proposed Action on a floodplain would be less than the “no action” alternative.

The impacts of these alternatives will be re-evaluated in response to any public comments received.

It is the finding of this report that there is no better alternative than the Proposed Action, Shoreline Stabilization and Road Improvements – Oak Beach project. The location within floodplain and wetland cannot be avoided due to the developed nature of the area and land economics.

An Early Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain and Wetlands was published in accordance with 24 CFR 55. The comment period started with the Final Notice publishing in the Newsday on November 26, 2018. The comment period for the Early Notice is 15 days, which expired at 5pm on December 13, 2018. Attachment 2 includes the early notice as well as the early notice distribution list.

A Final Notice and Public Explanation of a Proposed Activity in the 100-Year Floodplain and Wetlands was published in accordance with 24 CFR 55. (See Attachment 3 of this EO 11988 Floodplain Management & EO 11990 Wetlands Protection Plan for the letter distributed to the associated agencies). The comment period started with the Final Notice publishing in the Newsday on [Date]. The comment period for the Final Notice is 7 days, which expires at 5pm on [Date]. The Final Notice was also sent to the following state and Federal agencies on [Date]: U.S. Army Corps of Engineers (USACE); HUD; FEMA; U.S Fish and Wildlife Service (USFWS); EPA; NYSDEC; NY SHPO; NYS Office of Parks, Recreation and Historic Preservation; NYS DOT; and the NYS Division of Homeland Security & Emergency Services. The notice was also sent to the Town of Babylon.

GOSR, operating under the auspices of the New York State Homes and Community Renewal’s (NYSHCR) Housing Trust Fund Corporation, is the responsible entity. The responsible entity will make available educational materials regarding best practices for structures located in floodplains. It is acknowledged there is a continuing responsibility by the responsible entity to ensure, to the extent feasible and necessary, compliance with Steps 5 through 7.

Attachment 1 – Figures
Attachment 2 – Early Notice
Attachment 3 – Final Notice
Attachment 1 – Figures
Oak Beach Shoreline Stabilization & Roadway Improvements
Town of Babylon, Suffolk County, New York

Data Sources: ESRI Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

Legend
- Project Area
- National Wetlands Inventory
- NYS DEC Freshwater Wetlands Buffer

FEMA data uses NAVD88*
Oak Beach Shoreline Stabilization & Roadway Improvements
Town of Babylon, Suffolk County, New York

Data Sources: Esri Topographic and World Imagery Base map, NYOPDG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

Legend
- Project Area

Effective FEMA Floodplain (DFIRM)
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE
- AO
- VE
- OPEN WATER
- X

FEMA data uses NAVD88*
Attachment 2 – Early Notice
EARLY NOTICE OF A PROPOSED ACTIVITY  
IN A 100-YEAR FLOODPLAIN AND WETLAND  
SHORELINE STABILIZATION AND ROAD IMPROVEMENTS – OAK  
BEACH  
Oak Beach Road, Oak Beach, Town of Babylon, Suffolk County, New York  
August 29, 2018

To: All interested Agencies, Groups, and Individuals
This is to provide notice that the Governor’s Office of Storm Recovery (GOSR), an office of the New York State Homes & Community Renewal’s (HCR) Housing Trust Fund Corporation (HTFC), has received an application from the Town of Babylon to strengthen the shoreline at the most critical points along Oak Beach's shoreline and raise and rehabilitate Oak Beach Road (hereinafter, the “Proposed Activity”) and is conducting an evaluation as required by Executive Order 11988 and Executive Order 11990 in accordance with U.S. Department of Housing and Urban Renewal (HUD) regulations (24 CFR Part 55). There are three primary purposes for this notice. First, to provide the public an opportunity to express their concerns and share information about the Proposed Activity, including alternative locations outside of the Floodplain. Second, adequate public notice is an important public education tool. The dissemination of information about floodplains and wetlands facilitates and enhances governmental efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the government determines it will participate in actions taking place in floodplains or wetlands, it must inform those who may be put at greater or continued risk. Funding for the Proposed Activity will be provided by the HUD Community Development Block Grant – Disaster Recovery (CDBG-DR) program for storm recovery activities in New York State.

The Proposed Activity includes the elevation and restoration of portions of Oak Beach Road. Two sections of the adjacent shoreline to the south of the road will be stabilized with stone revetments to prevent future erosion events from impacting the roadway. A planted soil berm will be constructed for stabilization between the roadway and the revetments. The berm will be connected to the stone revetment (using a geotextile fabric and armor stone) that will be anchored into a vegetated low sill bulkhead up to the mean high-water line. The two revetments are approximately 40 feet in length and total approximately 20,322 square feet.

The Proposed Activity will result in temporary impacts to 0.78 acres of 100-Year Floodplain and 0.78 acres of NYSDEC tidal wetlands. The Proposed Activity will result in permanent impacts to 0.78 acres of 100-Year Floodplain and 0.78 acres of NYSDEC-mapped tidal wetlands. These impacts will consist of permanent disturbance within the 100-year floodplain and tidal wetlands based on available maps. Actions within the 100-year floodplain include the construction of stone revetment and planted berm. The planted berm is not within the tidal wetland. A total of approximately 2,200 cubic yards of armor stone, and approximately 600 cubic yards of bedding stone will be utilized for the stabilization of the shoreline (revetment) and approximately 2,730 square feet of stone will be placed seaward of Mean High-Water Line. Approximately 450 cubic yards of clean sand will be used as backfill for the berm construction. The revetment and berm impacts will be permanent.

The revetments and berm are located in Zone AE with a base flood elevation of 8 feet according to Flood Insurance Rate Map (FIRM) 36103C0868H, effective date September 25, 2009 and the revetment is within a NYSDEC tidal wetland, littoral zone. Floodplain maps based on the FEMA
Base Flood Elevation Maps and a tidal wetland map have been prepared showing the locations of the Proposed Activity and are available for review with additional information at http://www.stormrecovery.ny.gov/environmental-docs.

Any individual, group, or agency may submit written comments on the Proposed Activity or request further information by contacting Matt Accardi, Governor’s Office of Storm Recovery, 25 Beaver Street, 5th Floor, New York, NY 10004; email: NYSCDBG_DR_ER@nyshcr.org. Standard office hours are 9:00 AM to 5:00 PM Monday through Friday. For more information, call (212) 480-6265. All comments received by September 14, 2018 will be considered.
Distribution List for NEPA 8-Step Notice - Shoreline Stabilization and Road Improvements – Oak Beach

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Deputy Supervisor, Councilman  
Town of Babylon  
Supervisor's Office  
200 E. Sunrise Highway  
Lindenhurst, NY 11757

Gerry Compitello  
Town Clerk  
Office of the Town Clerk  
200 E. Sunrise Highway  
Lindenhurst, NY 11757

Vicki Russell, Commissioner  
Department of Environmental Control  
Town of Babylon  
200 E. Sunrise Highway  
Lindenhurst, NY 11757

Brian Zitani  
Waterways Management Supervisor  
Town of Babylon  
Department of Environmental Control  
ANNEX, Room 25  
281 Phelps Lane  
North Babylon, NY 11703

Thomas Young  
Commissioner  
Planning and Development  
Town of Babylon  
200 E. Sunrise Highway  
Lindenhurst, NY 11757
STATE OF NEW YORK
COUNTY OF NEW YORK

Alison Bloom being duly sworn hereby declares and says, that she is the Advertising Account Executive responsible for placing the attached advertisement in: the Babylon edition of the South Bay's Neighbor newspaper for Miller Advertising Agency, Inc.; located in New York, NY, and that the New York State Governor's Office of Storm Recovery advertisement, of which the annexed is a true copy, has been published in the said weekly publication on the following issue date(s): August 29, 2018.

Alison Bloom

Subscribed to and Sworn before me

This 28th day of September, 2018

Donna Perez
Notary Public

Donna Perez
Notary Public State Of New York
No. 01PE6151365
Qualified In New York County
Commission Expires August, 14th - 2022
Helping You Help Others

By: Noelle Lambert
Noelle@SouthBaysNeighbor.com

August's Charity of the Month is:
Scanlon's Traveling Salon

Eileen Scanlon, a Licensed Cosmetologist, whose mission is to cultivate a community based on kindness, respect and equality, runs Scanlon's Traveling Salon. With its catchy slogan, Where Style Comes to You, Scanlon's Traveling Salon serves an abundance of people across Long Island!

Eileen has a following of paying customers, but her real passion lies with helping those who are not able to afford a hair service. Eileen serves countless communities, including seniors at home, the home-confined, hospice, sober houses and those who are differently-abled. She always travels to her customers so they can enjoy her services in the comfort of their home or living space, which they do, more importantly, make my clients feel great about themselves, then I’m the richest person in the world. My mother always told me that a smile is the closest distance between two people, and I live by this. Some people may find free haircuts in shelters to be rather trivial, but I can say wholeheartedly that during times of strife and feelings of personal defeat, the kindness of “this” stranger will more often than not put a smile on that person’s face prior to us parting ways. When a person loves what they do, they will never work a day in their life.” ~ Eileen Scanlon

Also, visit her website at www.ScanonsTravelingSalon.com, as well as her Facebook page, to learn more about her selfless organization.

I personally feel it’s important to be a part of something bigger than myself, this is why I’m drawn to outreach and grassroots groups much like a moth to a light. If I can make one person’s day a little brighter, cheerful and, more importantly, make my clients feel great about themselves, then I’m the richest person in the world. My mother always told me that a smile is the closest distance between two people, and I live by this. Some people may find free haircuts in shelters to be rather trivial, but I can say wholeheartedly that during times of strife and feelings of personal defeat, the kindness of “this” stranger will more often than not put a smile on that person’s face prior to us parting ways. When a person loves what they do, they will never work a day in their life.” ~ Eileen Scanlon

Another Organization
YOU Can Become Involved With...

Celebrate St. James ~ St. James, NY
www.CelebrateStJames.org

Celebrate St. James is a local non-profit organization, which was created with the mission to preserve and celebrate St. James’ rich history, while inspiring an appreciation and knowledge of the arts in the community. They continue to work hard to make advancements toward becoming a cultural arts center, which the town once was. Through events such as free concerts, house and garden tours, comedy shows and more, they are very motivated to revive this town. They are currently in need of volunteer actors, dancers, singers, painters and MUCH more to participate in a theatrical production in October. If you would like to learn more about Celebrate St. James, view upcoming events or volunteer with this great organization, please visit their website or call 631.862.6198

If you would like your organization to be featured in this column, e-mail Noelle@SouthBaysNeighbor.com

EARLY NOTICE OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN AND WETLAND
SHORELINE STABILIZATION AND ROAD IMPROVEMENTS – OAK BEACH
Oak Beach Road, Oak Beach, Town of Babylon, Suffolk County, New York
August 29, 2018

To: All interested Agencies, Groups, and Individuals

This is to provide notice that the Governor’s Office of Storm Recovery (GOSR), an office of the New York State Homes & Community Renewal’s (HCR) Housing Trust Fund Corporation (HTFC), has received an application from the Town of Babylon to strengthen the shoreline at the most critical points along Oak Beach’s shoreline and raise and rehabilitate Oak Beach Road (hereinafter the “Proposed Activity”) and is conducting an evaluation as required by Executive Order 11988 and Executive Order 11990 in accordance with U.S. Department of Housing and Urban Renewal (HUD) regulations (24 CFR Part 55). There are three primary purposes for this notice. First, to provide the public an opportunity to express their concerns and share information about the Proposed Activity, including alternative locations outside of the Floodplain. Second, adequate public notice is an important public education tool. The dissemination of information about floodplains and wetlands facilitates and enhances governmental efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the government determines it will participate in actions taking place in floodplains or wetlands, it must inform those who may be put at greater or continued risk. Funding for the Proposed Activity will be provided by the HUD Community Development Block Grant – Disaster Recovery (CDBG-DR) program for storm recovery activities in New York State.

The Proposed Activity includes the elevation and restoration of portions of Oak Beach Road. Two sections of the adjacent shoreline to the south of the road will be stabilized with stone revetments to prevent future erosion events from impacting the roadway. A planted soil berm will be constructed for stabilization between the roadway and the revetments. The berm will be connected to the stone revetment (using a geotextile fabric and armor stone) that will be anchored into a vegetated low sill bulkhead up to the mean high-water line. The two revetments are approximately 40 feet in length and total approximately 20,322 square feet.

The Proposed Activity will result in temporary impacts to 0.78 acres of 100-Year Floodplain and 0.78 acres of NYSDEC tidal wetlands. The Proposed Activity will result in permanent impacts to 0.78 acres of 100-Year Floodplain and 0.76 acres of NYSDEC-mapped tidal wetlands. These impacts will consist of permanent disturbance within the 100-year floodplain and tidal wetlands based on available maps. Actions within the 100-year floodplain include the construction of stone revetment and planted berm. The planted berm is not within the tidal wetland. A total of approximately 2,200 cubic yards of armor stone, and approximately 600 cubic yards of bedding stone will be utilized for the stabilization of the shoreline (revetment) and approximately 2,730 square feet of stone will be placed seaward of Mean High-Water Line. Approximately 450 cubic yards of clean sand will be used as backfill for the berm construction. The revetment and berm impacts will be permanent.

The revetments and berm are located in Zone AE with a base flood elevation of 8 feet according to Flood Insurance Rate Map (FIRM) 36103088684, effective date September 25, 2009, and the revetment is within a NYSDEC tidal wetland, littoral zone. Floodplain maps based on the FEMA Base Flood Elevation Maps and a tidal wetland map have been prepared showing the locations of the Proposed Activity and are available for review with additional information at http://www.stormrecovery.ny.gov/environmental-docs.

Any individual, group, or agency may submit written comments on the Proposed Activity or request further information by contacting Matt Accardi, Governor’s Office of Storm Recovery, 25 Beaver Street, 5th Floor, New York, NY 10004; email: NYSCDG-DR_ER@oyster.org. Standard office hours are 9:00 AM to 5:00 PM Monday through Friday. For more information, call (212) 480-6205. All comments received by September 14, 2018 will be considered.

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Attachment 3 – Final Notice