

Appendix D: Nassau County Mitigation Action Worksheets

Appendix D contains 10 mitigation action worksheets that accompany some of the mitigation actions listed in the 2020 Nassau County Mitigation Action Plan, which can be found in Section 6.3 of the base plan.

- NCO_1: Bay Park/East Rockaway Drainage Improvements
- NCO_2: Beech Street/Park Street Complete Streets and Drainage Improvements
- NCO_3: Five Towns Drainage Improvements-Cedarhurst Pump Station
- NCO_4: Five Towns Drainage Improvements-Lawrence Pipe Improvements
- NCO_5: Island Park Destination Revitalization and Transit-Oriented Development (TOD)
- NCO_6: Lido Beach/Point Lookout Comprehensive Drainage Study and Improvement
- NCO_7: Silver Lake Drainage Improvements
- NCO_8: Shoreline Protection at Various County Parks
- NCO_9: Seawall Rehabilitation at Sands Point Preserve
- NCO_10: Nassau County Master Plan Update

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: *Village of East Rockaway*

NYS DHSES Action Worksheet			
Project Name:	Bay Park/East Rockaway: Drainage Improvements		
Project Number:	NCO_1		
Risk / Vulnerability			
Hazard of Concern:	Coastal Flooding		
Description of the Problem:	During high tide events, tidal water backing up into the drainage system and flows out of the existing grates at the low points flooding Lawson Avenue and the adjacent streets; the existing drainage system on Lawson Avenue does not have the capacity to store the road runoff from any rain event especially when there is a high tide; the existing drainage system is back pitched and does not function properly; several drainage grates have filter bag inserts that collect debris in order to clean the system, however, these bags are filling quickly and not being cleaned thus not allowing stormwater to enter the system and flooding Lawson Avenue and adjacent streets; and the system becomes filled with debris preventing the stormwater to flow through the system properly.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of various check valves and stormwater treatment devices and drainage improvements to Lawson Avenue in Bay Park and the Village of East Rockaway. The existing drainage system on Lawson Avenue will be replaced with larger pipe and more drainage structures to increase the capacity of the system and remove the pipes that are back pitched and the installation of an in-line check valve to prevent tidal surcharge and a stormwater treatment structure to remove debris, improve the quality of the stormwater, and prevent debris from reaching the in-line check valve thus preserving the life of the in-line check valve.		
Is this project related to a Critical Facility?		Yes	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	1-Year storm	Estimated Benefits (losses avoided):	This project will correct major drainage problems that continue to flood the streets of East Rockaway and Bay Park.
Useful Life:	50 Years		
Estimated Cost:	\$5,671,589.05		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	February 28, 2020
Estimated Time Required for Project Implementation:	15 Months	Potential Funding Sources:	GOSR/CDBG-DR
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	0	
	Purchase additional filter bag inserts and establish a system for rapid-replacement of filters.	<\$100,000 + annual maintenance.	This might provide some flood reduction benefits, but would require significant staff time and availability without providing the same level of risk reduction.
Upgrade the system to accommodate a larger storm event	>\$6,000,000	While upgrading the drainage infrastructure to accommodate even larger storm events would be desirable, it is believed to be cost prohibitive.	
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020,		
Report of Progress:	Design phase almost complete, Construction phase set to begin by the end of the year.		

Update Evaluation of
the Problem and/or
Solution:

N/A

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: *Lido Beach*

NYS DHSES Action Worksheet			
Project Name:	Beech Street/Park Street Complete Streets and Drainage Improvements		
Project Number:	NCO_2		
Risk / Vulnerability			
Hazard of Concern:	Coastal Flooding		
Description of the Problem:	Park Street/Beech Street is the primary transportation corridor that links the barrier island from the Atlantic Beach Bridge through the City of Long Beach and it also serves as a coastal evacuation route. Park Street/Beech Street and associated intersections along the route were severely impacted by flooding during Superstorm Sandy. This evacuation route was impassable during, following, Superstorm Sandy and, compounded by no working lighting, created unsafe conditions for first responders, residents, and local businesses.		
Action or Project Intended for Implementation			
Description of the Solution:	To increase flood resiliency and provide a pedestrian/motorist safety and traffic calming along Park Street (Village of Atlantic Beach) and continuing along Beech Street up to the border of Long Beach. Park Street/Beech Street is the primary transportation corridor that links the barrier island from the Atlantic Beach Bridge through the City of Long Beach and it also serves as a coastal evacuation route.		
Is this project related to a Critical Facility?		Yes	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	10-Year Storm	Estimated Benefits (losses avoided):	This project will address major drainage problems throughout the corridor as well as implement traffic safety mitigations and a multi-use trail.
Useful Life:	50 Years		
Estimated Cost:	\$18,495,506.61		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	February 28, 2022,
Estimated Time Required for Project Implementation:	21 Months	Potential Funding Sources:	GOSR/CDBG-DR, NC Capital Plan, Empire State Development Grant
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Correct deficiencies in the existing drainage system, in addition to the other proposed improvements.	Over \$25,000,000	Not pursued because this area's drainage system is part of a larger network. Work would be much more cost and labor-intensive.
	Increase the sizes of pipes in the existing drainage system in addition to the other proposed improvements.	Unknown	Not pursued because most work would need to take place outside of the County's ROW.
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020		
Report of Progress:	Design phase almost complete, construction phase set to begin by the end of the year.		
Update Evaluation of the Problem and/or Solution:	n/a		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: Village of Cedarhurst

NYS DHSES Action Worksheet			
Project Name:	Five Towns Drainage Improvements-Cedarhurst Pump Station		
Project Number:	NCO_3		
Risk / Vulnerability			
Hazard of Concern:	Coastal Flooding		
Description of the Problem:	Significant flood threats face the Five Towns area due to its location on the south shore of Long Island. The resultant flooding and standing water during coastal storm events create public health and safety hazards and significantly affect the quality of life for the surrounding residents. 50 CFS pump station at Hanlon Dr, and Peninsula Blvd. in the Village of Cedarhurst.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of a 50 CFS stormwater pump station and check valve. This proposed pump station is derived from the Five Towns Drainage Improvement Study and is intended to mitigate flooding along Peninsula Blvd. and the surrounding areas.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Pump will operate to prevent 10-year storm flooding in the roadway.	Estimated Benefits (losses avoided):	To mitigate flooding along Peninsula Blvd during intense rain storm events, clearing a major storm evacuation route.
Useful Life:	50 Years		
Estimated Cost:	\$3,237,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	February 28, 2022,
Estimated Time Required for Project Implementation:	11 Months	Potential Funding Sources:	GOSR/CDBG-DR
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Use an alternative type of pump for the pump station. Types considered are submersible pump with propeller in discharge tube, axial flow pump, screw pump.	Variable	Each pump has a different cost factor involved, flow rate and discharge head; none represent a superior cost/benefit ratio to the preferred solution.
Identify alternate evacuation routes that can be used during flood events.	\$25,000-\$50,000 for a study	Alternate route options are limited; reduction of flood along Peninsula Blvd and in surrounding areas is strongly preferred.	
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020		
Report of Progress:	Design phase nearing completion; commencing construction phase by the end of the year.		
Update Evaluation of the Problem and/or Solution:	N/A		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: *Village of Lawrence*

NYS DHSES Action Worksheet			
Project Name:	Five Towns Drainage Improvements: Lawrence Pipes		
Project Number:	NCO_4		
Risk / Vulnerability			
Hazard of Concern:	Coastal Flooding		
Description of the Problem:	The study determined that installing check valves to prevent tidal water from entering storm sewers and increasing the diameter of pipes along Meadow Lane, Marbridge Road, Causeway Road, North Road, and Barrett Road would reduce flooding. Installation of pipes of greater diameter will increase system capacity and eliminate flow restrictions such that flooding from storms with up to a 1-Year storm event. In addition, new inlet structures will be installed, providing treatment of runoff prior to discharge to surface waters.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of check valves & installation of large diameter pipes along Meadow Ln, Marbridge Rd. Causeway Rd. North Rd. and Barrett Rd. New Inlet structures.		
Is this project related to a Critical Facility?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Tidal: 1-year rainfall event occurring during the highest annual tide recorded in a 1-year time period. Rainwater: 5-year rainfall during low tide.	Estimated Benefits (losses avoided):	This project will correct major drainage problems that continue to flood the streets
Useful Life:	50 years		
Estimated Cost:	\$8,776,000.00		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	02/28/2022
Estimated Time Required for Project Implementation:	15 Months	Potential Funding Sources:	GOSR - CDBG-DR
Responsible Organization:		Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Drainage improvements at Bay Berry Road south and Barrett Road.	TBD - the exact cost would be significantly below the estimated cost of the preferred alternative.	Considered an add on to base bid if costs allow - this would not be nearly as effective as preferred alternative.
	Drainage improvements at intersection of Barret Road and Washington Ave.	TBD - exact cost would be significantly below the estimated cost of the preferred alternative.	Again, this is would not be nearly as effective as preferred alternative. If implemented as an add on, it would improve the overall risk reduction.
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020		
Report of Progress:	Design phase almost complete, Construction phase set to begin by the end of the year		
Update Evaluation of the Problem and/or Solution:			

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: *Village of Island Park*

NYS DHSES Action Worksheet			
Project Name:	Island Park Destination Revitalization and Transit-Oriented Development (TOD)		
Project Number:	NCO_5		
Risk / Vulnerability			
Hazard of Concern:	Coastal Flooding		
Description of the Problem:	Significant damage was sustained due to the Superstorm Sandy's high winds and island-wide flooding. Improvements needed along Long Beach Rd. between Warwick and Sagamore Rd. in the Village of Island Park. Drainage improvements will also be required to ensure that runoff from within the roadway is adequately collected and conveyed to existing systems.		
Action or Project Intended for Implementation			
Description of the Solution:	Streetscape improvements may include restriping, tree planting, bulbouts with bioswales, and midblock crossings with bio-swales. Drainage improvements will take place along Long Beach Rd. in the Village of Island Park.		
Is this project related to a Critical Facility?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Developing a placemaking streetscape, to provide for a more economically resilient downtown.
Useful Life:	50 Years		
Estimated Cost:	\$1,350,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	February 28, 2020,
Estimated Time Required for Project Implementation:	13 Months	Potential Funding Sources:	GOSR/CDBG-DR
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Additional check valves near California Ave.	TBD, depending upon number of check valves	Outside of County jurisdiction.
Streetscape improvements without bioswales	Less than preferred alternative;	While less costly, the absence of bioswales would reduce the overall functionality of integrated stormwater, drainage, and streetscape improvements.	
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020,		
Report of Progress:	Design phase nearing completion; commencing construction phase by the end of the year.		
Update Evaluation of the Problem and/or Solution:	N/A		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: Lido Beach

NYS DHSES Action Worksheet			
Project Name:	Lido Beach/Point Lookout Comprehensive Drainage Study and Improvement		
Project Number:	NCO_6		
Risk / Vulnerability			
Hazard of Concern:	Flooding, Severe storms		
Description of the Problem:	Roadway flooding occurs within the Lido Boulevard area in Lido Beach and Point Lookout. There is a need for stormwater management improvements along local roadways and replaced drainage systems, between Greenway Road and Regent Drive on Lido Blvd. Additionally, there is a need for improved access to the Nassau County drainage easement off Regent Drive.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of check valves the removal and replacement of curb inlets on local roadways, the replacements of drainage piping between Greenway Road and Regent Drive on Lido Blvd.		
Is this project related to a Critical Facility?		Yes	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	10-Year frequency or recurring storm event	Estimated Benefits (losses avoided):	Will assist in protecting from tidal flooding through outfalls in Lido Beach and mitigate flooding on Lido Boulevard
Useful Life:	50 Years		
Estimated Cost:	\$2,420,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	February 28, 2020,
Estimated Time Required for Project Implementation:	14 Months	Potential Funding Sources:	GOSR/CDBG-DR
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Install additional check valves and drainage piping to cover a broader area.	Additional costs could exceed \$500,000 depending on the scale of additional check valves and drainage piping.	Higher cost, a greater area protected.
	Install fewer check valves and drainage piping to cover only the highest priority areas.	Cost reduction would depend upon the total number of check valves and drainage piping.	Lower cost, greater area unprotected.
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020,		
Report of Progress:	Design phase almost complete, construction phase set to begin by the end of the year.		
Update Evaluation of the Problem and/or Solution:	n/a		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County: Town of Hempstead

NYS DHSES Action Worksheet			
Project Name:	Silver Lake Drainage Improvements		
Project Number:	NCO_7		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	Flooding of Silver Lake Park in Baldwin, flooding will spill over into local roadways.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of a tide gate, construction of higher bulkhead around the pond perimeter, and the installation of fish passage for promoting ecological sustainability		
Is this project related to a Critical Facility?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	10-Year rainfall with normal high tide; 1-Year tide event with 1-Year rainfall event.	Estimated Benefits (losses avoided):	Will assist in protecting from tidal flooding in the areas surrounding Silver Lake in Baldwin
Useful Life:	50 Years		
Estimated Cost:	\$2,500,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	February 28, 2022,
Estimated Time Required for Project Implementation:	12 Months	Potential Funding Sources:	GOSR/CDBG-DR
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Don't raise perimeter walkway/bulkhead of Silver Lake to Elevation 5.0' but complete all other improvements.	Save approximately \$800,000	The pond is currently at 3.0' elevation and would continue flooding frequently during rainfalls and high tides.
Don't install tidal gates on Silver Lake outfalls.	Save approximately \$700,000	Flooding during tidal surges would continue with the same frequency.	
Progress Report (for plan maintenance)			
Date of Status Report:	August 14, 2020,		
Report of Progress:	Design phase almost complete, construction phase set to begin by the end of the year.		
Update Evaluation of the Problem and/or Solution:	n/a		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County

NYS DHSES Action Worksheet			
Project Name:	Shoreline Protection at Various County Parks		
Project Number:	NCO_8		
Risk / Vulnerability			
Hazard of Concern:	Coastal Flooding		
Description of the Problem:	Various waterfront County parks properties experience shoreline erosion and flooding. These include North Woodmere Park in Valley Stream, Inwood Park in Inwood, and Cow Meadow Park in Freeport. Certain areas with existing bulkheading may need to have bulkheading replaced, while other areas may need additional types of erosion control measures implemented.		
Action or Project Intended for Implementation			
Description of the Solution:	Study, design, and construct shoreline protection measures including living shorelines and/or hard structures such as bulkheads at the following County properties: North Woodmere Park, Inwood Park, and Cow Meadow Park.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	TBD	Estimated Benefits (losses avoided):	Park properties will be better protected from erosion and flooding.
Useful Life:	TBD		
Estimated Cost:	TBD		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Within the next 5-10 years.
Estimated Time Required for Project Implementation:	TBD	Potential Funding Sources:	Unknown
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$	Erosion will get worse and property loss may occur.
	Hard shoreline only.	TBD	Does not provide a natural shoreline edge which enhances local habitats. The cost may be higher per sq. ft. than a living shoreline.
	Living shoreline only.	TBD	Cost may be less per sq. ft. than bulkheading. May require more regular maintenance for County.
Progress Report (for plan maintenance)			
Date of Status Report:	August 13, 2020,		
Report of Progress:	This is the first request to add this project. Limited work is currently taking place at Inwood Park to address bulkheading, but the work is focusing near the boat launch ramp. There are a number of other areas at the park such as near the ball fields that have eroded and need protection. A comprehensive evaluation of all areas will need to be done.		
Update Evaluation of the Problem and/or Solution:	N/A		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County

NYS DHSES Action Worksheet			
Project Name:	Seawall Rehabilitation at Sands Point Preserve		
Project Number:	NCO_9		
Risk / Vulnerability			
Hazard of Concern:	Property Erosion; Landslides		
Description of the Problem:	During storms such as mild Nor'easters, the Sands Point Preserve's shoreline frequently loses cliffside and large areas are lost. The most urgent shoreline repairs needed are for the area directly below and adjacent to the Falaise mansion (eastern edge of the property). The remaining areas of the coastline are unprotected at this time and face erosion concerns. Many years ago, when the Hempstead House (western part of the property) was a private residence, there was a seawall-type structure in place. The wall has since fully collapsed, with many portions missing, buried in the beach, or underwater at high tide. It is estimated that 5,000 to 6,000 feet of shoreline is currently in need of protection.		
Action or Project Intended for Implementation			
Description of the Solution:	Study, design, and construct shoreline protection measures along the Sands Point Preserve's approximately 5,000-foot shoreline. Measures would include living and/or hard shoreline structures.		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	TBD	Estimated Benefits (losses avoided):	Park property will be better protected from erosion and flooding.
Useful Life:	TBD		
Estimated Cost:	TBD		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Within the next 5-10 years. (Excludes any emergency repairs needed in the short term.)
Estimated Time Required for Project Implementation:	TBD	Potential Funding Sources:	Unknown
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$	Erosion will get worse and property loss may occur.
	Hard shoreline only.	TBD	Does not provide a natural shoreline edge which enhances local habitats. The cost may be higher per sq. ft. than a living shoreline.
	Living shoreline only.	TBD	Cost may be less per sq. ft. than hard structures (e.g. bulkheading). May require more regular maintenance for County.
Progress Report (for plan maintenance)			
Date of Status Report:	August 13, 2020		
Report of Progress:	An NYSDEC permit has been secured for temporary repairs of the shoreline near the Falaise mansion. Temporary repairs near Falaise are expected to cost between \$500,000 and \$1,000,000. A cost for addressing the entire shoreline has not been determined.		
Update Evaluation of the Problem and/or Solution:	N/A		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Nassau County

NYS DHSES Action Worksheet			
Project Name:	Nassau County Master Plan Update		
Project Number:	NCO_10		
Risk / Vulnerability			
Hazard of Concern:	All-Hazards, Severe storms, Inclement Weather		
Description of the Problem:	The County is in the process of incorporating sustainability and resiliency into all facets of its planning and operations. Funding limitations have impacted the implementation of a comprehensive sustainability and resiliency approach across all areas.		
Action or Project Intended for Implementation			
Description of the Solution:	The County will update its Master Plan to address storm/climate resiliency and sustainability, along with other physical, social, environmental and transportation initiatives.		
Is this project related to a Critical Facility?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	TBD	Estimated Benefits (losses avoided):	Improvements will have been identified and prioritized to address resiliency and sustainability issues that the County faces.
Useful Life:	TBD		
Estimated Cost:	\$1,000,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Within the next 5-10 years.
Estimated Time Required for Project Implementation:	12 months	Potential Funding Sources:	County Capital Plan
Responsible Organization:	Nassau County	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$	Certain County initiatives may not properly address sustainability and resiliency.
	Master plan update without sustainability or resiliency addressed.	\$1 million	Certain County initiatives may not properly address sustainability and resiliency.
Master plan update with just sustainability and resiliency addressed.	TBD	Certain County initiatives may have sustainability and resiliency addressed, but other areas of planning importance may not be properly addressed.	
Progress Report (for plan maintenance)			
Date of Status Report:	August 13, 2020		
Report of Progress:	A capital project (92038) has been included in the County Executive's proposed 2020 Capital Improvement Plan. The plan has not yet been approved by the County Legislature.		
Update Evaluation of the Problem and/or Solution:			