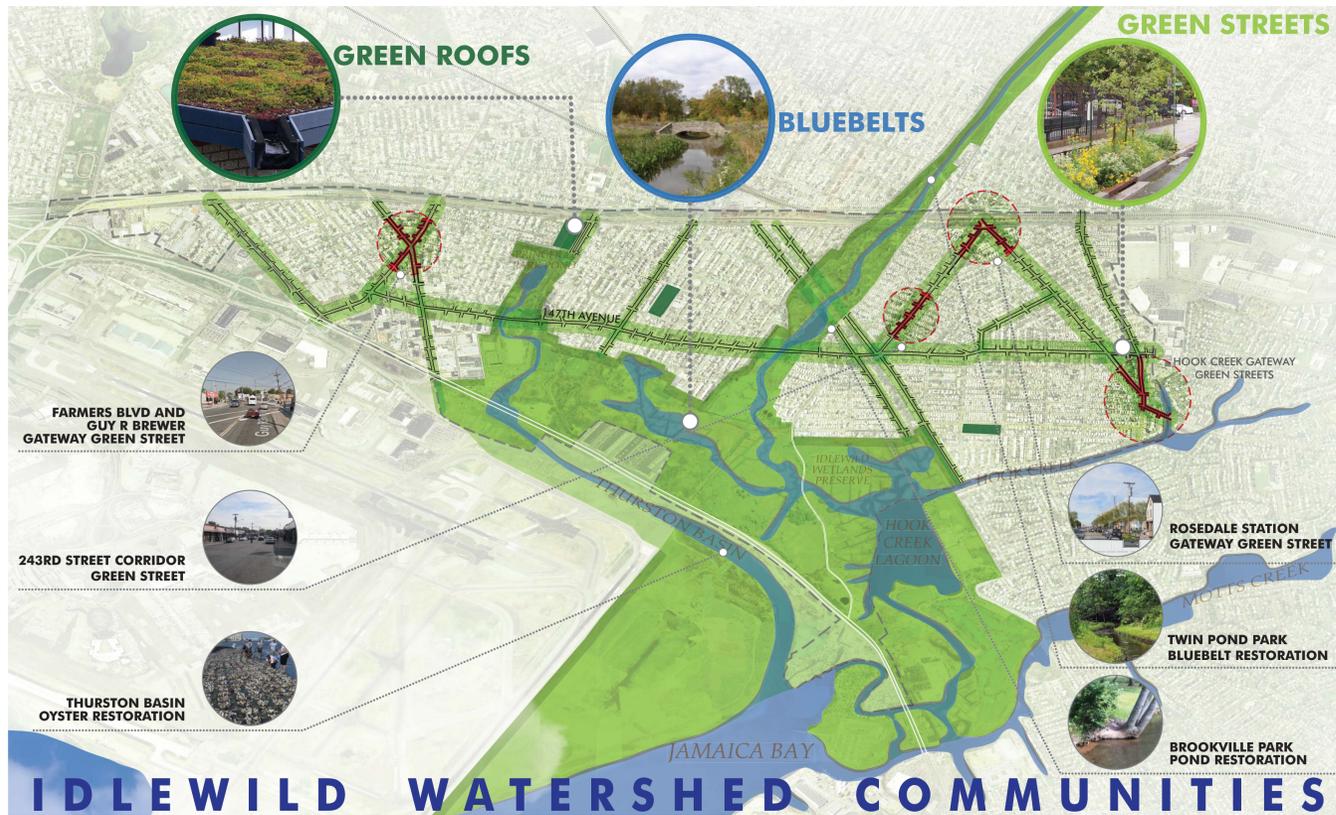


A1
Green Infrastructure Community Master Plan
 (With Pilot Projects)

\$500,000 [Proposed]



Create a master plan as a component of the forthcoming New York City Department of Environmental Protection (NYC DEP) drainage improvement plan for Southeast Queens. The objective of the Green Infrastructure Community Master Plan is to:

- Outline the strategic implementation of green infrastructure projects on public and private property throughout the Community.
- Develop a comprehensive strategy for implementing green infrastructure projects that will complement ongoing and planned expansion of the storm sewer system.
- Identify critical gaps in stormwater management that are not addressed by ongoing and planning infrastructure projects in the area.

Project Type: Study
Time Frame: Immediate (2 years or less)

Vote Here

A1a
Brookville Park Pond Restoration

\$1,650,000 [Proposed]



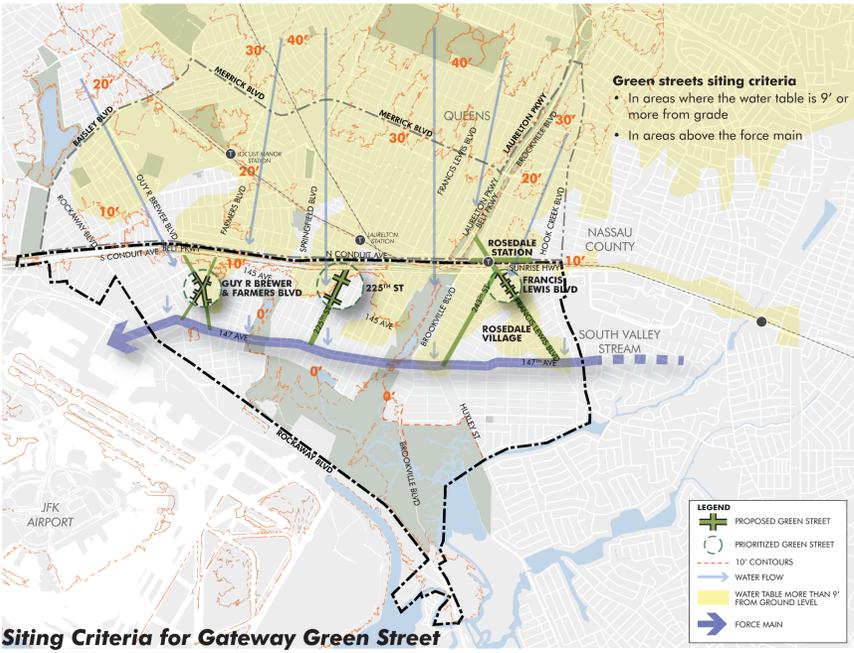
Increase filtration of stormwater by using natural wetlands systems to effectively slow peak stormwater flows, increasing the capacity of receiving bodies, and improving water quality. Brookville Park Pond Restoration consists of three phases:

- Phase I:** Dredge northern section of Brookville Park Pond and restore riparian plantings.
- Phase II:** Dredge stream corridor and restore stream bank connecting northern and southern sections of the Pond.
- Phase III:** Dredge southern section of the Pond and restore riparian plantings.

Project Type: Implementation
Time Frame: Intermediate (2-5 years)

Vote Here

Community Gateway Green Streets



Construct right-of-way (ROW) bioswales at key community gateways to increase stormwater retention and treatment, while improving the streetscape, fostering a sense of place, and supporting local business growth.

Project would include construction of bioswales, rain gardens, planting of new street trees, and stormwater tree pits at the following locations:

1. Francis Lewis Boulevard between 248th Street and Brookville Boulevard.
2. 225th Street between South Conduit Avenue and 145th Road.
3. Crossroads of Farmers Boulevard and Guy Brewer Boulevard.

Project Type: Implementation
Time Frame: Intermediate (2-5 years)

Vote Here

Green Infrastructure Pilot Project (School Green Roof & Rain Garden)



- Construct a green infrastructure pilot project at a public school within the Community, consisting of a green roof, rain garden, and porous pavement. This project will serve as a demonstration of various green infrastructure Best Management Practices (BMPs).
- Green infrastructure BMPs would capture rainwater and reduce runoff to reduce peak flows that contribute to stormwater flooding.
- The project will also include educational signage and development of educational materials and curricular to illustrate the benefits of the project to students and the larger Community.



Project Type: Implementation
Time Frame: Intermediate (2-5 years)



Vote Here

A1d **\$850,000 [Featured]**
Twin Pond Park Bluebelt Enhancement



Supplement NYC DEP's installation of stormwater outfalls into Twin Ponds by clearing any debris and dead trees from the ponds, restoring wetlands within the riparian zone, and installing a porous pavement walkway surrounding the ponds for passive recreation.

Project Type: Implementation
Time Frame: Intermediate (2-5 years)

Vote Here

A2 **\$250,000 [Featured]**
DEP Oyster Restoration in Thurston Basin



Support the proposed NYC DEP Oyster Restoration project in Thurston Basin. Oyster restoration could improve water quality, help reduce wetland fringe erosion, and stabilize the banks of Thurston Basin.

Project Type: Implementation
Time Frame: Immediate (2 years or less)

Vote Here

A3 **\$465,000 [Featured]**
Coastal Management Plan



- Evaluate potential strategies to implement coastal defenses that would protect the Idlewild Watershed Communities from tidal flooding at a regional scale.
- The Plan would study tidal flood protection benefits of various systems, including tide gates, berms/levees, and upland green infrastructure.
- Of critical consideration would be the impact of any flood protection measure on the health of the wetland ecosystem in the Idlewild Park Preserve.

Project Type: Study
Time Frame: Immediate (2 years or less)

Vote Here

Additional Resiliency Recommendations

A1e **Advocacy**
Advocate for Construction of Thurston Basin Park



- Advocate for NYC DPR to construct the funded park project at the southern end of Thurston Basin.
- The project would include wetland restoration along Thurston Basin and construction of comfort stations near the planned kayak launch.

A1f **Advocacy**
City Purchase of Privately-Owned Parcels on Edges of Idlewild Park Preserve for Restoration/Preservation as Wetland



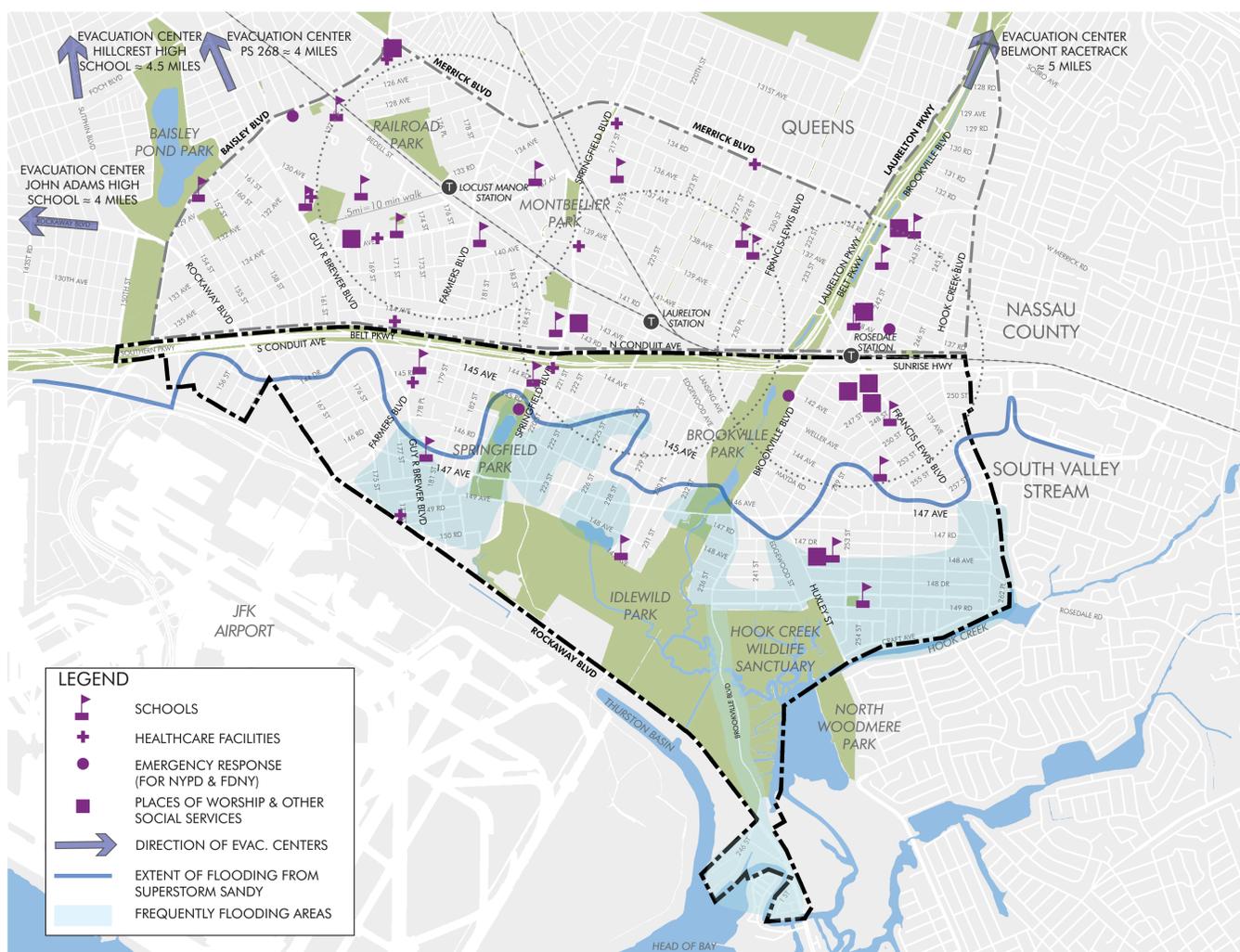
- Advocate for the City to acquire 64 vacant privately-owned parcels within and directly adjacent to the Idlewild Park Preserve.
- Restore wetlands within the acquired properties, as needed.

A4 **Advocacy**
Idlewild Park Preserve Culvert Expansion



- Reconstruct culvert in the Idlewild Park Preserve to install a larger opening to improve tidal flow, restore areas by supporting natural vegetation, and improve wetland functions.

Southeast Queens Disaster Preparedness and Recovery Plan



- Establish Idlewild Watershed Community Organizations Active in Disaster (COAD).
 Develop Southeast Queens Disaster Preparedness and Recovery Plan.
- Identify assets and vulnerabilities of local not-for-profit organizations.
 - Identify potential locations for Resource and Recovery Centers.
 - Establish communication between Community Based Organizations (CBOs) and NYC Office of Emergency Management (OEM).
 - Training and education for Community Emergency Response Team (CERT), COAD and residents.

Project Type: Study
Time Frame: Immediate (1 year or less)



OEM CERT - Education Program

Vote Here

Provide Resources to Implement Selected Recommendations of the Disaster Response and Preparedness Plan



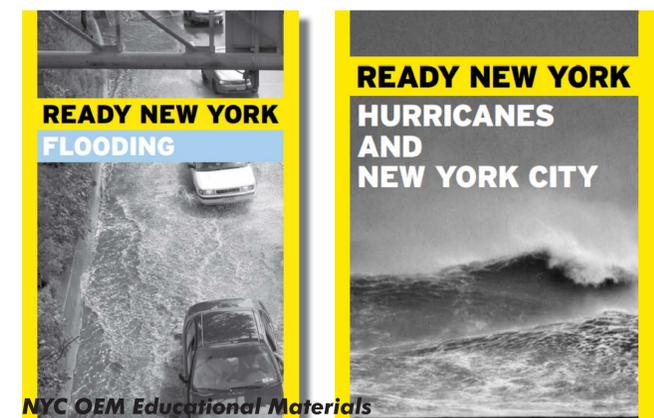
OEM CERT - Distributing Goods in an Emergency



Distributing Goods at a Resource & Recovery Center



Generators Installed



NYC OEM Educational Materials

- Provide fixed assets to COAD members to aide in disaster recovery.
- Establish Resource and Recovery Centers
- Install fixed generators to provide backup power for Resource and Recovery Centers
- Coordinate with NYC OEM to develop and distribute locally specific educational materials on disaster preparation and recovery
- Create a voluntary registry of vulnerable populations for use by the COAD, CERT and other community groups that assist in disaster recovery
- Develop a locally-based evacuation strategy to help community based organizations, residents, and businesses establish personalized evacuation plans.

Project Type: Implementation
Time Frame: Immediate (1 year or less)

Vote Here

C1 **\$500,000 [Proposed]**
Idlewild Communities Open Space Restoration Fund and Preservation Committee



Provide seed money to establish a self-sustaining fund to support supplemental, community-based maintenance and advocacy for parks, open space, and natural resources in the Community.

- Three Key Objectives:
- Provide resources for ongoing maintenance of existing parks for stormwater management and recreation.
 - Conduct volunteer training and development programs to encourage stewardship of the Community's parks and open space.
 - Serve as an advocate for the Community's natural resources and parklands by identifying additional funding sources and securing City resources to conduct improvements.

Project Type: Implementation
Time Frame: Immediate (2 years or less)

Vote Here

C2 **\$250,000 [Featured]**
Home and Business Owner Education and Technical Assistance Program

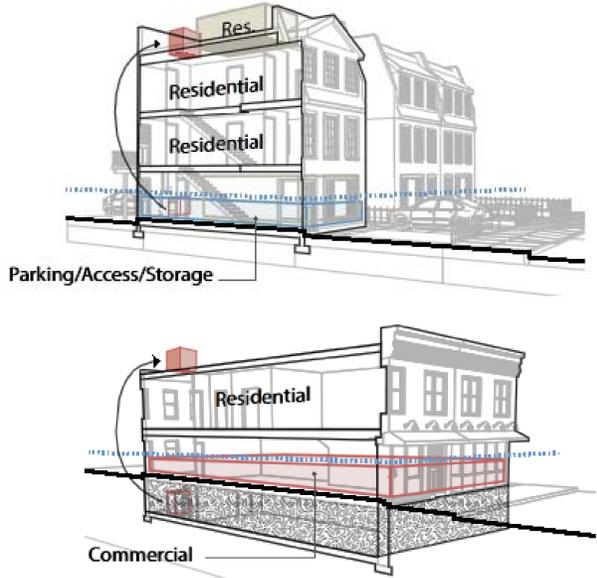
Provide education and technical assistance to the Community's homeowners and business owners on how to minimize flood damage, prevent sewer backflows, and on the benefits of permeable surfaces in reducing stormwater damage.

Assistance would be delivered through three different strategies:



- Hold workshops throughout the Community to provide information and counseling to homeowners and business owners on strategies to floodproof their property and reduce flood insurance increases.
- Develop and distribute educational materials
- Perform individual building audits to provide homeowners with Resiliency Needs Assessment Reports and business owners with Business Continuity Needs Assessment reports.

Project Type: Implementation
Time Frame: Immediate (2 years or less)



Vote Here

Additional Resiliency Recommendations

C3 **Advocacy**
Advocate for Idlewild Park Preserve Trail Network and Overlook Restoration



Advocate for improved connectivity of the overlook constructed the NYC Department of Environmental Protection (DEP) and NYC Department of Parks and Recreation (DPR) in Idlewild Park Preserve that is presently being restored by creating a network of trails and nature walks within the Park.

C4 **Advocacy**
Advocate for Municipal Agency Coordination to Prioritize Resilience



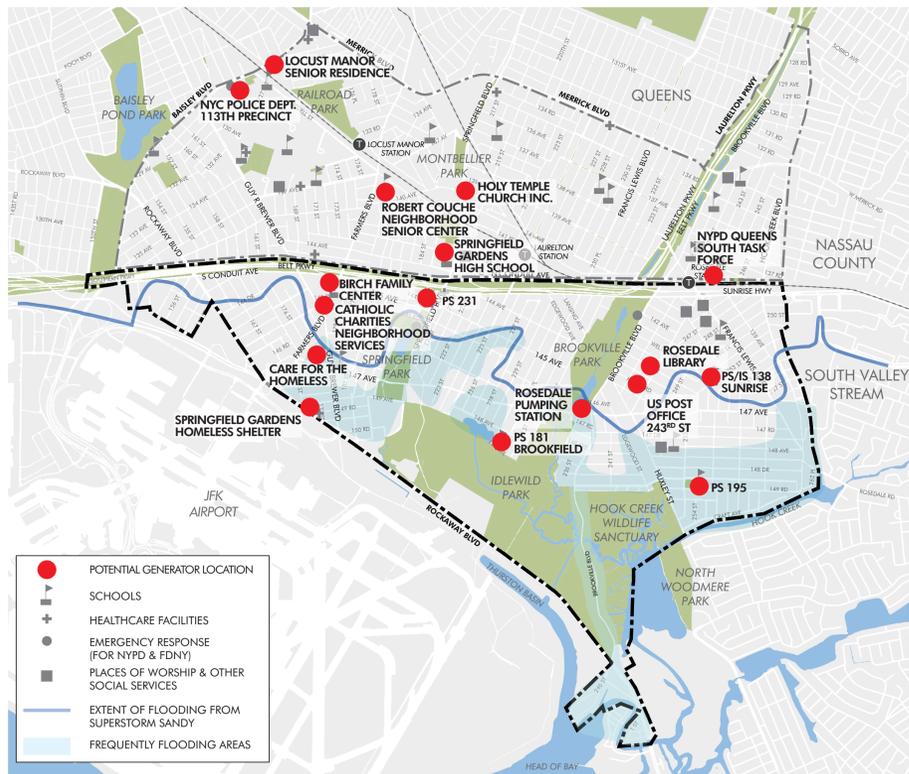
Advocate for City agencies to better coordinate their activities to prioritize resilience, building upon the work of the NYC Office of Resilience and Recovery, PlaNYC, and A Stronger, More Resiliency New York.

C5 **Advocacy**
Support for Creation of Greater JFK IBID



Advocate for the creation of the Proposed Greater JFK Industrial Improvement District. Advocate that the JFK IBID evaluate strategies to address recurring stormwater flooding within District boundaries and contribute to increased enforcement of illegal dumping.

D1 **\$1,000,000 [Proposed]**
Install Backup Power Supply Systems at Critical Facilities



Install generators and/or solar PV systems at critical facilities to provide a more reliable power source during and after major storm events.
 Critical facilities could include: Schools, Senior Centers, Medical facilities, Emergency Resource Centers, Rosedale Pumping Station

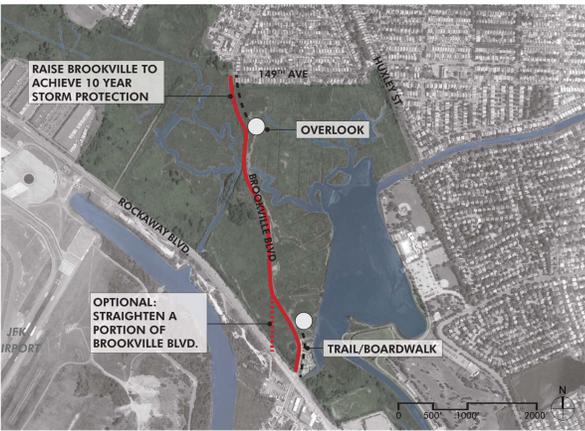
Project Type: Implementation
Time Frame: Immediate (2 years or less)

Vote Here

D2 **\$450,000 [Featured]**
Study to Elevate Brookville Blvd. (Snake Road) between 149th Ave Blvd. and Rockaway Blvd.



Study the feasibility of elevating the entire length of Brookville Blvd (Snake Road) through the Idlewild Park Preserve on a trestle to prevent flooding of the roadway and encourage the passage of intertidal waters through the surrounding wetlands.



Project Type: Study
Time Frame: Immediate (2 years or less)

Vote Here

Additional Resiliency Recommendations

D3 **Advocacy**
Elevate 147th Avenue Bridge at Brookville Park



Advocate for NYC DOT to elevate the 147th Avenue Bridge between 232nd St and 235th St. Elevation of the bridge would reduce the occurrences of flooding, allowing safer access to the bridge.

D4 **Advocacy**
Support Rockaway Turnpike/Nassau Expressway Resilient Corridor Study (NYRCR Plan for the Five Towns)



Advocate for the Rockaway Turnpike/Nassau Expressway Resilient Corridor Study from the NYRCR Five Towns Plan, with an expanded scope that addresses potential impacts and benefits for the Idlewild Watershed Communities.

D5 **Advocacy**
Support for Existing or New Retail/Commercial

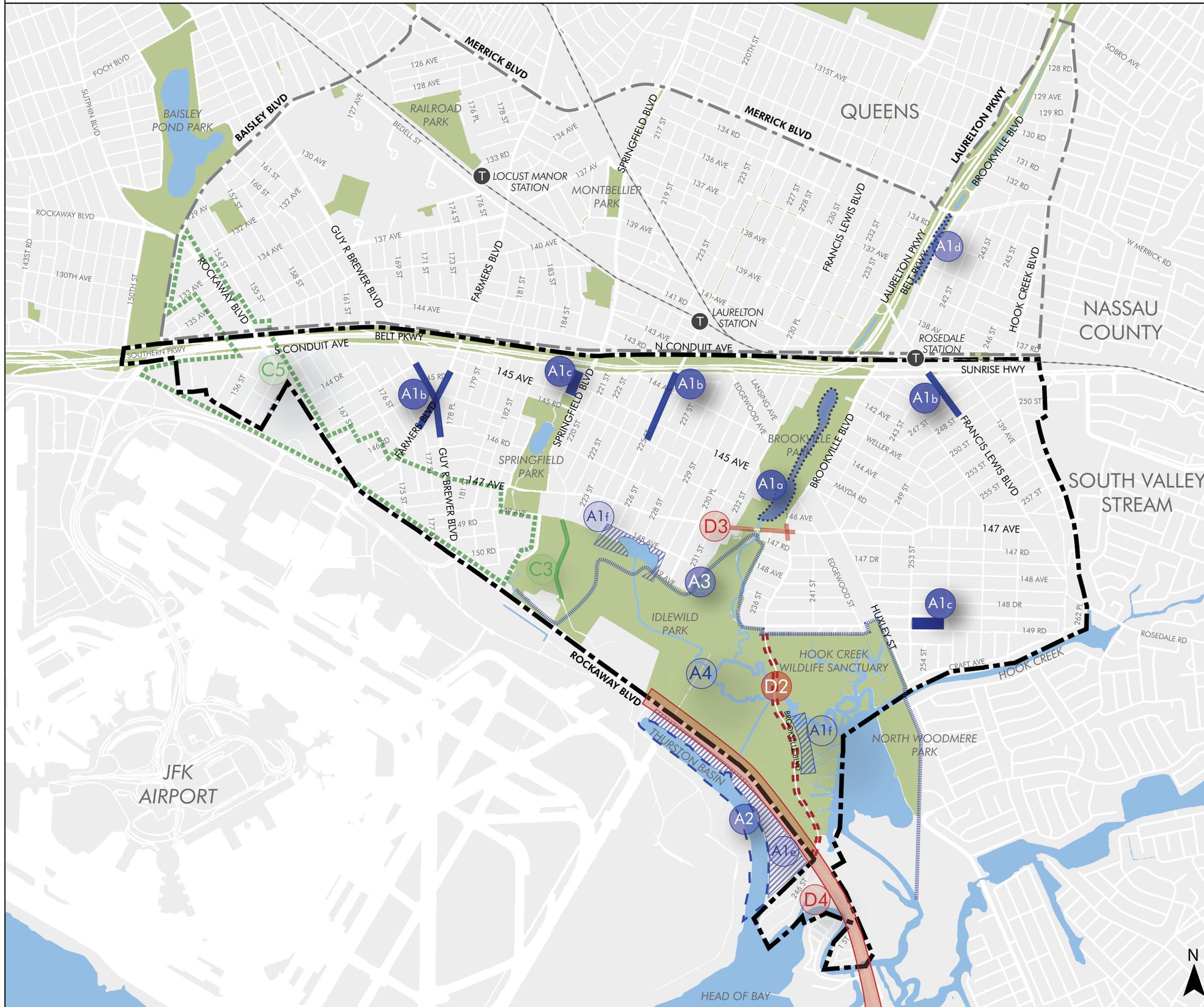


Advocate for NYC SBS to establish an information clearinghouse to provide information on flood insurance requirements and resiliency measures.



Projects

Idlewild Watershed Communities NY Rising Community Reconstruction Program



Legend

- PRIMARY PLANNING AREA
- SECONDARY PLANNING AREA

	STRATEGY			
	A	B	C	D
PROPOSED PROJECT	●	●	●	●
FEATURED PROJECT	●		●	●
ADDITIONAL RESILIENCY PROJECT	●		●	●

* SOME PROJECTS ARE NOT MAPPED

