



# Planning Committee Meeting 3

## Idlewild Watershed Communities

Springfield Gardens, Brookville, and Rosedale  
September 10, 2014



# Agenda for Tonight

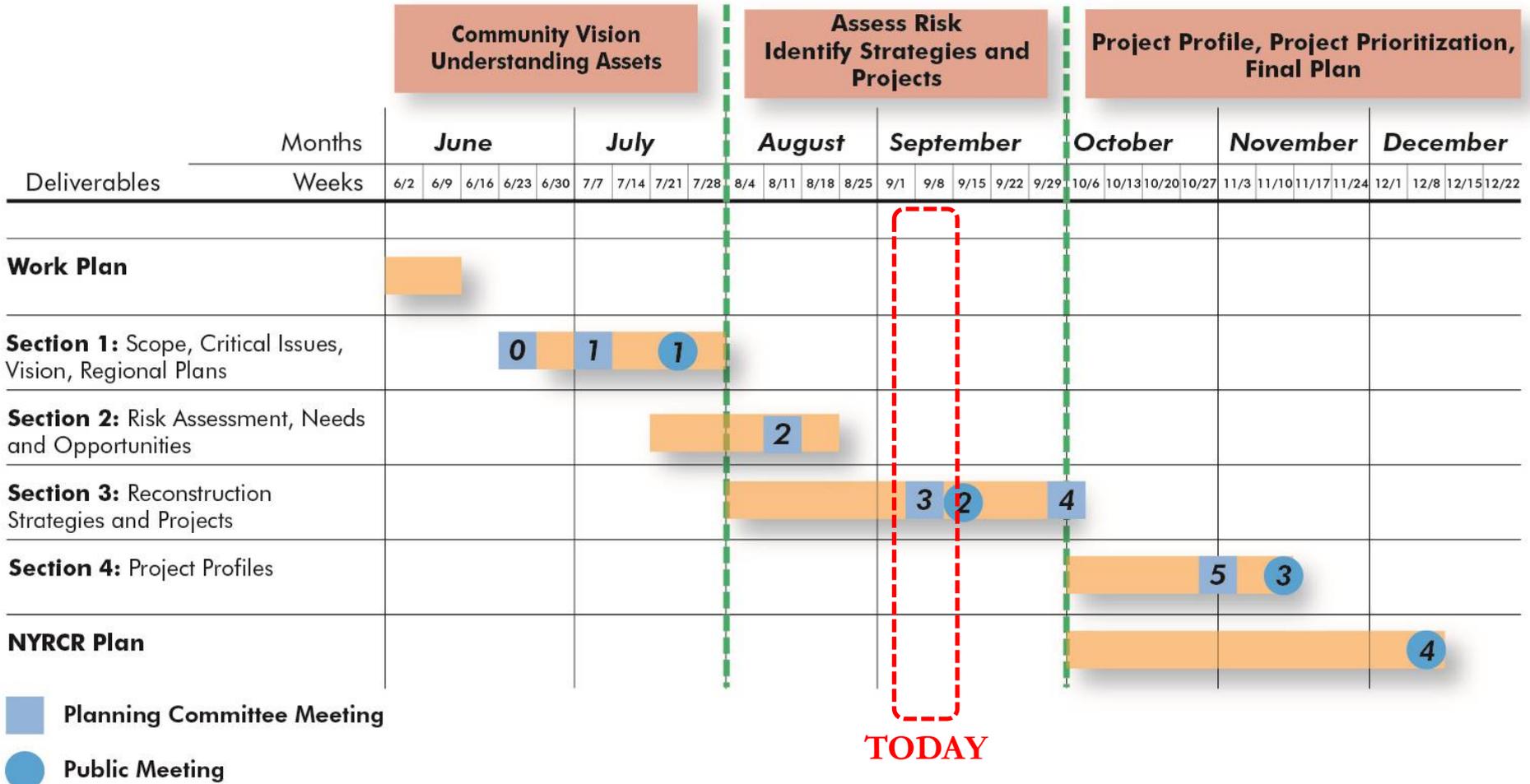
## Meeting Objective

Review Reconstruction Strategies and Brainstorm Project Ideas

1. **What we have done since the last meeting**
2. **Recap of Strategies and Project Guidelines**
3. **Review of Reconstruction Strategies**
4. **Brainstorm Project Ideas**
5. **Next Steps and Public Engagement #2**
6. **Wrap Up**



# Where we are in the process



# Two-Month Look Ahead

**9/10**

## Planning Committee Meeting #3

Review of Reconstruction Strategies and Brainstorming Project Ideas

**09/12**

**Review Report Section 2:**  
*Risk Assessment  
Needs and Opportunities*

**Comments back from Committee**

**09/16**

## Public Engagement Event #2

Share the Strategies with the Public  
Get their Ideas on Potential Projects

**10/02**

## Planning Committee Meeting #4

Develop the Committee's list of Proposed and Featured Projects

**10/20 - TBD**

**Review Report Section 3:**  
*Reconstruction Strategies & List of Projects*

**Comments back from Committee**

**10/28 - TBD**

## Planning Committee Meeting #5

Finalize the Committee's Project List



# Summary of Meeting with Parks Dept

## Identified key issues and priorities:

- PA NY/NJ Removal Project
- Support for Expansion of Bluebelts and Bio-swales
- Limited Resources for Maintenance of Bluebelts and Bio-swales

## Discussed current and planned projects:

- FEMA funds for repairs at Sunrise and Springfield Parks **[FUNDED]**
- Potential Bluebelt projects: Twin Ponds along the Belt Parkway **[UNFUNDED]**
- Opportunity to increase trails in Idlewild Park **[UNFUNDED]**
- Brookville Park upgrades **[UNFUNDED]**
- Idlewild Park Trail and green infrastructure near kayak launch **[UNFUNDED]**





# Reconstruction Strategies

# Recap of Draft Reconstruction Strategies:

## Strategy 1:

**Alleviate Localized Flooding Conditions**

## Strategy 2:

**Strengthen the Emergency Response Capacity of the Community**

## Strategy 3:

**Support Environmental Stewardship of the Community's Natural and Manmade Resources**

## Strategy 4:

**Provide Safe and Reliable Access to Critical Goods and Services**



# What Goes into a Project?

**Short Term (2 – 5 years)**

**Medium – Long Term**

**Long Term**



# What Goes into a Project?

## Project Type

### Implementation:

Identify 'Shovel-ready' projects that could be implemented in the **Short Term**.

### Feasibility Study or Action Plan:

Develop plans for projects **NOW** so that they can get money for implementation in the **Medium-Long Term**.

### Advocacy:

Lay the groundwork **NOW** for large capital projects or policy objectives for implementation in the **Medium-Long Term**.



# What Goes into a Project?

## Three Categories of NYRCR Projects

### **Proposed:**

Projects proposed **for funding** through the Community's allocation of CDBG-DR funding.

### **Featured:**

Projects that the Committee has identified as important, but has **not proposed for funding** through the NYRCR Program

### **Additional Resiliency Recommendations:**

Projects and actions that the Committee **would like to highlight** but that are not categorized as Proposed or Featured Projects.



# Adding it all up: *the CDBG-DR Allocation*



# The Projects: *What's eligible for CDBG-DR Funding*

## **Eligible**

- Infrastructure
- Government buildings
- Community facilities
- Facilities for socially vulnerable populations
- Economic development activities
- Public service activities
- Program administration
- Home rehabilitation assistance or construction
- Maintenance and repair of public facilities

## **Not Eligible**

- General government expenses
- Operating costs
- Political activities
- Utility or Mortgage Payments
- Purchase of mobile equipment
- Assistance to a private utility
- Rehabilitation assistance or construction for second homes





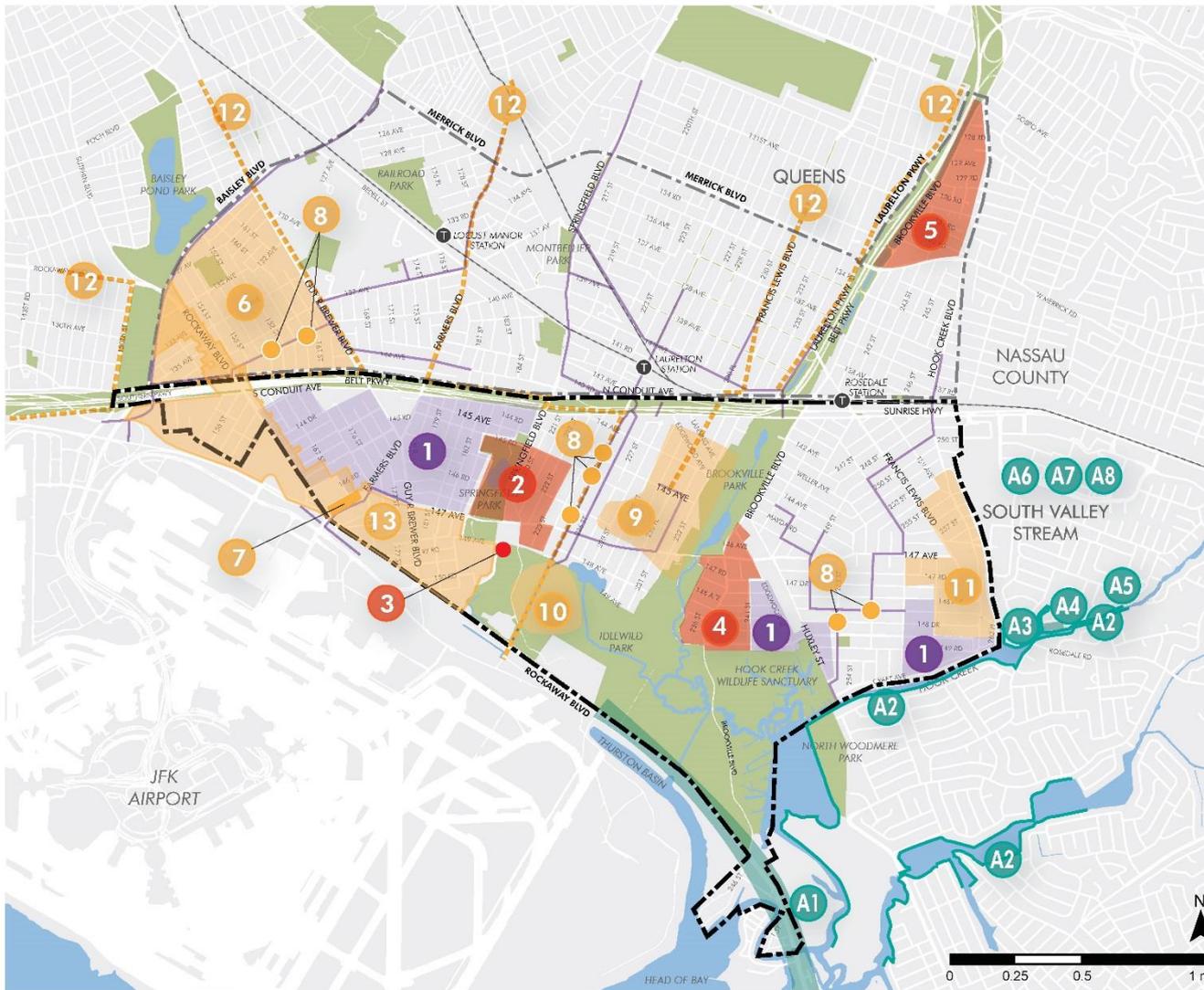
# Project Ideas Brainstorm



### Legend

- PRIMARY PLANNING AREA
- SECONDARY PLANNING AREA
- 1 SURGE BARRIER | SIRR
- 2 DUNE CONSTRUCTION | NYC DPR
- 3 PAERDEGAT BASIN CSO FACILITY HARDENING AND IMPROVEMENT
- 4 JAMAICA WASTEWATER TREATMENT PLANT UPGRADES (\$400 MILLION IN 2011)
- 5 ROCKAWAY TNPK/NASSAU EXPY RESILIENCE CORRIDOR STUDY | NYRCR: THE FIVE TOWNS
- 6 JAMAICA BAY WETLAND RESTORATION PROJECT | USACE (\$11 MILLION)
- 7 ROCKAWAY INLET TO EAST ROCKAWAY INLET REFORMULATION STUDY | USACE
- 8 BOARDWALK REBUILD | NYC EDC & DRP
- 9 JAMAICA BAY FEASIBILITY STUDY | USACE





## Completed Projects

— Existing trunk sewers 60" or greater

1 Storm sewer extension (2002-2014)

## Construction/Ongoing Phase

2 Springfield Gardens bluebelt/storm sewer project | EDC - \$69M (2014)

3 Idlewild Park Preserve Environmental Learning Center | \$5M (2013-2014)

4 Brookville Blvd and Edgewood Triangle (bluebelt components) | DOT, DEP - \$18M (2018)

5 Twin Ponds Project (sewer in Hook Creek Blvd) | \$18M DEP (2018)

## Proposed Projects

6 Baisley Blvd storm and sanitation sewer upgrades | DEP (2014-2018)

7 147th Ave sewer repair | DEP

8 Reverse seepage basins | DEP (2018)

9 Storm and sanitary and combined sewers project | DOT, DEP (2018)

10 Idlewild wetland restoration/trail project | Eastern Queens Alliance

11 Rosedale area street reconstruction/sewer project | DOT, DDC (2014-2018)

12 Proposed storm sewer (60" and above) | DEP

13 Proposed JFK Industrial Business Improvement District (IBID) | EDC

## NY Rising Proposed Projects in Surrounding Communities

A1 Rockaway Turnpike/Nassau Expressway Resilient Corridor Study | NYRCR: Five Towns

A2 Corridor restoration & bank stabilization | NYRCR: South Valley Stream

A3 Repair bulkheads & restore shoreline at Brook Road Park | NYRCR: South Valley Stream

A4 Restore natural shoreline along "The Path" | NYRCR: South Valley Stream

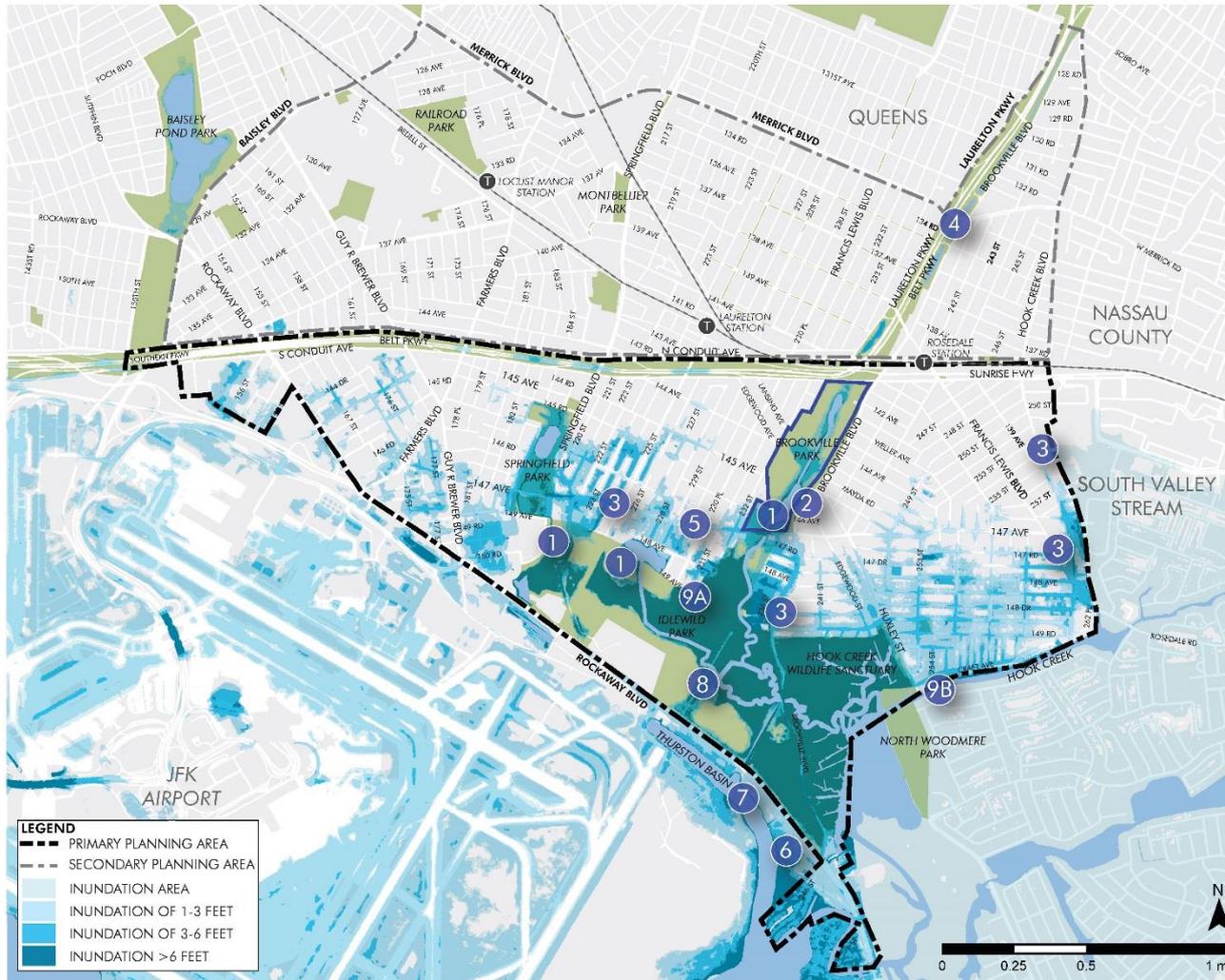
A5 Community education regarding green infrastructure & living shoreline | NYRCR: South Valley Stream

A6 Hydrologic & hydraulic study of Hook Creek- Head of Bay Watershed | NYRCR: South Valley Stream

A7 Green infrastructure implementation program on residential & public property | NYRCR: South Valley Stream

R1 South shoreline improvement program study | NYRCR





## Project Idea Brainstorming

- 1 Increase stormwater capacity of wetlands, ponds, & creeks
- 2 Brookville Park Pond restoration
- 3 Expand green streets to alleviate local street flooding (E.g., Brookville Boulevard, Francis Lewis Boulevard, Hook Creek Boulevard, 147th Avenue)
- 4 Twin Pond Park bluebelt restoration
- 5 Elevate frequently flooded local streets (E.g., 147th Avenue)
- 6 Restore wetlands on city-owned land along Thurston Basin
- 7 Oyster restoration in Thurston Bay (stabilize banks)
- 8 Idlewild Park culvert removal
- 9 Water Management Plan/Study
  - A. Berm around wetlands & parks
  - B. Tide gate at Hook Creek
  - C. Increase stormwater storage capacity (E.g., bluebelt, green streets, rain barrels)

## Other Project Ideas



Edge Condition at Idlewild Wetlands



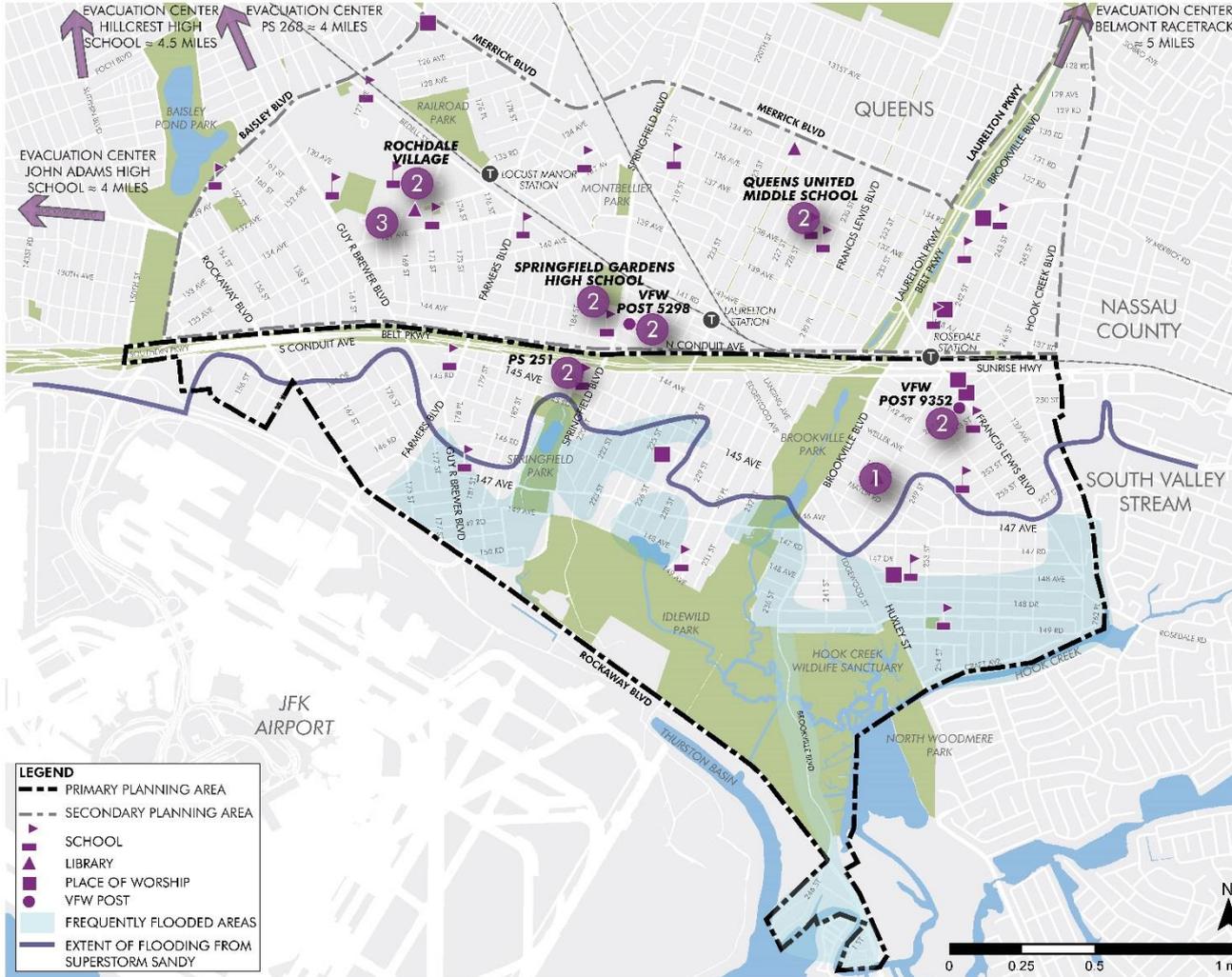
Flooding at Hook Creek Blvd



Potential for Bluebelt at Brookville Park



Bluebelt at Twin Ponds



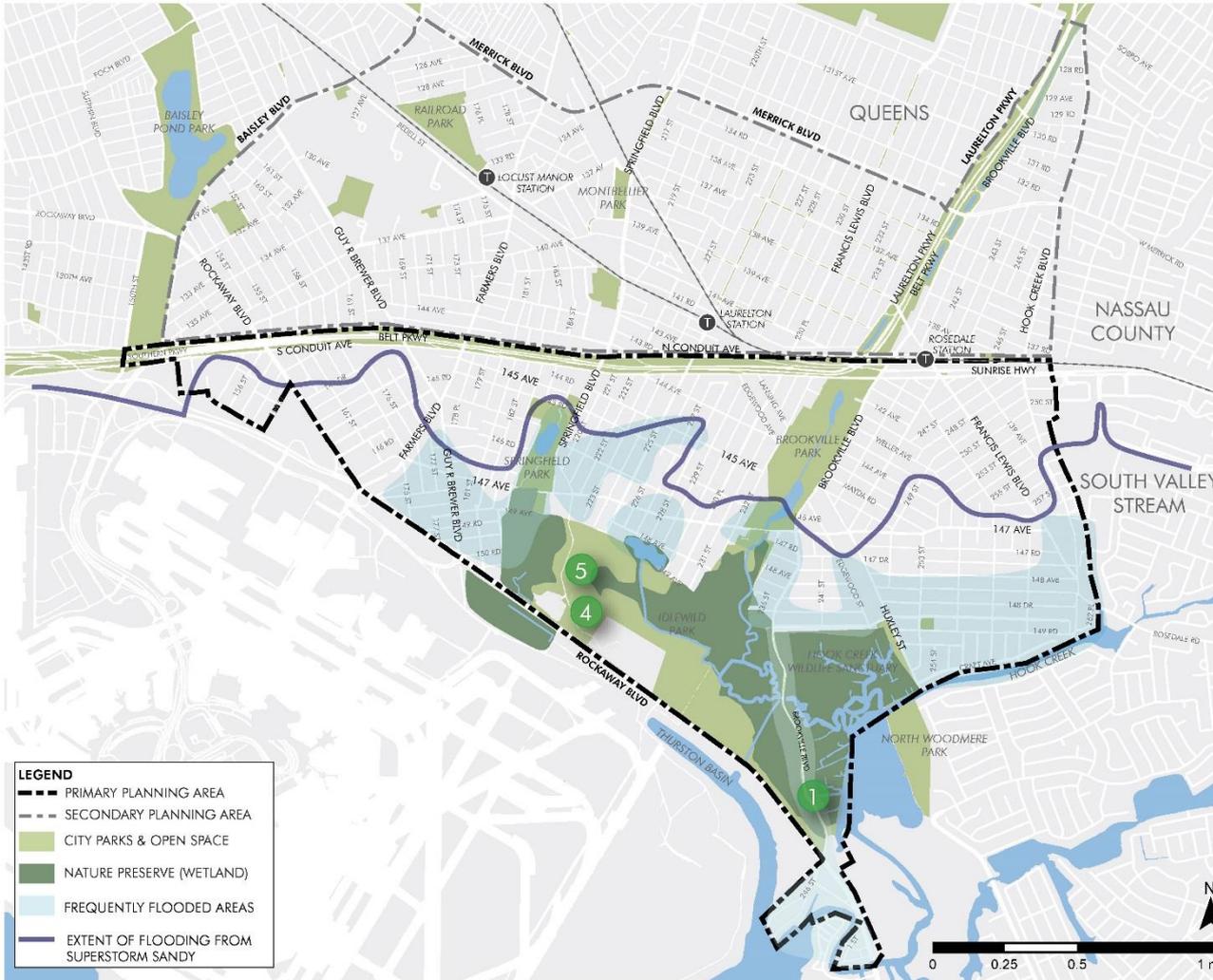
## Project Idea Brainstorming

- 1 Rosedale Library Resource and Recovery Center
- 2 Resource and Recovery Centers at Existing Social Services Facilities (E.g., schools, churches, VFW)
- 3 Expand resources and reach of existing Naturally Occurring Retirement Communities (NORCs) to provide education and storm recovery assistance for seniors
- 4 Establish Idlewild Watershed Community Organizations Active in Disasters (COAD)
- 5 Establish partnership with NYC Office of Emergency Management (OEM) to expand homeowner education for storm preparedness
- 6 Provide additional resources for the local Community Emergency Response Team (CERT)

## Other Project Ideas



# Support Environmental Stewardship of the Community's Natural & Man-made Resources



## Project Idea Brainstorming

- 1 Advocate for increased enforcement of illegal dumping and basement conversions
- 2 Homeowner education on home repairs to minimize flood damage, prevent sewer backflows, and increase permeable surfaces
- 3 Idlewild Watershed Communities restoration fund
- 4 Idlewild Park Preserve Overlook restoration
- 5 Expand Idlewild Park Preserve trail networks

## Other Project Ideas



Idlewild Preserve Park



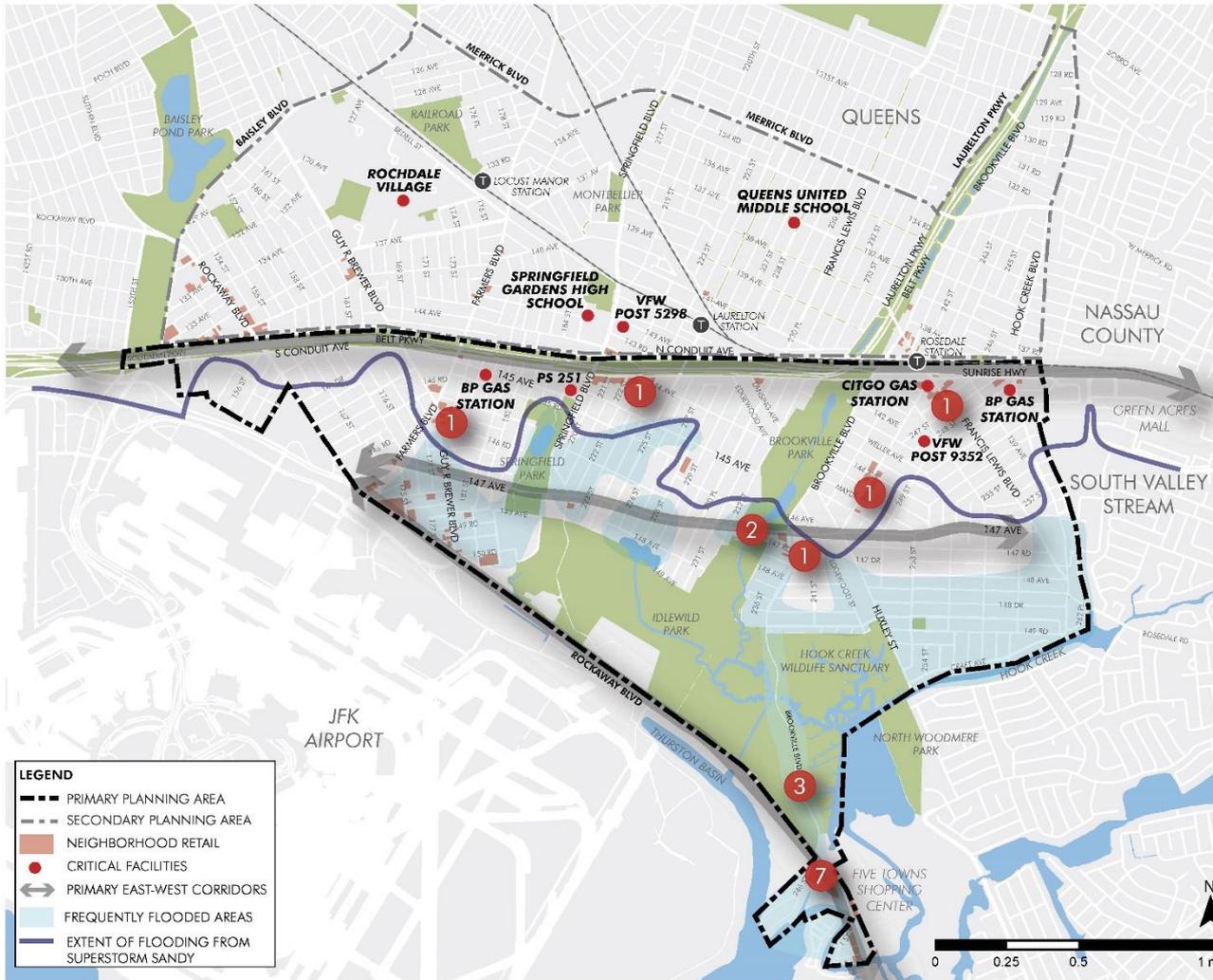
Impervious Front Yard



Garbage in Storm Drain



Garbage in Pond at Brookville Park



## Project Idea Brainstorming

- 1 Support for existing or new retail/commercial
- 2 Elevate 147th Avenue bridge at Brookville Park
- 3 Study to elevate Brookville Boulevard
- 4 Improve signage to evacuation centers
- 5 "Go to High Ground" pilot program
- 6 Generators at critical facilities (E.g., schools, churches, gas stations, etc.)
- 7 Support Rockaway Turnpike/Nassau Expressway Resilient Corridor Study (NYRCR Five Towns Plan)

## Other Project Ideas



# Next Steps

## Public Engagement Event #2

Wednesday, September 16 from 7:30pm – 9:30pm

Birch Family Center, 145-02 Farmers Blvd

### Outreach

- Planning Committee Outreach
- Flyers & Posters
- Print media and websites

### Format

1. Brief Overview of the Process and Goals
2. Open House Stations
3. Report back & conclusions



# Next Steps

## Planning Committee Meeting #4

- Proposed date: Tuesday, October 2nd
- Objective:
  - Review Cost-Benefit Analysis of Projects
  - Finalize list of Projects

Management Measure				Cost Benefit Criteria						Project Screening Score	Potential Project Sponsor	
Committee Ranking	NYRCR Proj. No.	Potential Project	Project Type	Risk Reduction	Co-Benefits	Cost	Feasibility	Funding Availability	Public Support			
Projects Eligible for CDBG Funding	C2	Preparedness/Education: 'Go to High Ground' - Staging area for automobile evacuation (and other preparedness initiatives)	Implementation							●	College of Staten Island	
	C1	Identify key locations for microgrids and renewable energy sources to ensure reliable communication during emergencies	Study							●	NYSERDA	
	C3	Feasibility Study for Price's Bay Ferry Landing	Study							⦿	SEDC	
	C4	Creation of offsite data warehouse or 'hot sites' for small businesses	Study							⦿	SEDC	
	C5	Relocation of the Richmond Valley Staten Island Railroad Station	Study							○	NYCT, NYCDOT	
Project Outside Planning Area	Not within NYRCR Planning Area	St. George/Tompkinsville Promenade	Implementation							⦿	NYC DCP	
Projects by other agencies	N/A	Not NYRCR Projects	Bygone Bridge Light Rail Extension	Study							⦿	SEDC
			Charleston Road Improvements (NYSDOT)	Implementation								⦿



\* To be determined at Committee Meeting

Please rank each project in the grey cells above, numbering 1 as the highest priority

Individual Cost-Benefit Criteria						Overall Project Screening Score	
Risk Reduction	Co-Benefits	Cost	Feasibility	Funding Availability	Public Support	Score	Priority
Projects many	Many co-benefits and assets benefits	High Cost-Risk Reduction Ratio	Easy	Multiple funding sources	High	●	High
Projects some	Some co-benefits and assets benefits	Medium Cost-Risk Reduction Ratio	Moderately Difficult	Potential funding sources	Medium	⦿	Medium
Projects few	Few co-benefits and assets benefits	Low Cost-Risk Reduction Ratio	Difficult	No available funding sources	Low	○	Low

