

# Corona Cloudburst Introduction

# What is a Cloudburst?

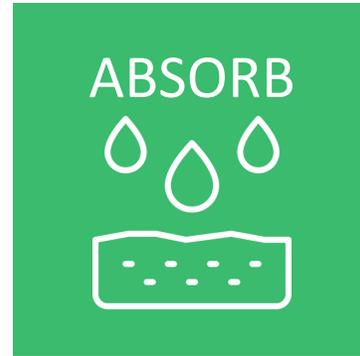
- A cloudburst is a sudden, heavy downpour where a lot of rain falls in a short amount of time.
- Cloudbursts can cause flooding, damage property, disrupt critical infrastructure, and pollute New York's waterways.

## What is Cloudburst Management?

- Cloudburst Management is a way of **absorbing, storing, and transferring stormwater to minimize flooding from heavy rain events.**
- During heavy rain events, Cloudburst Management can minimize damage to property and infrastructure by reducing pressure on the sewer system.



# Cloudburst Toolkit



**Porous Pavement**  
*Parking lanes*



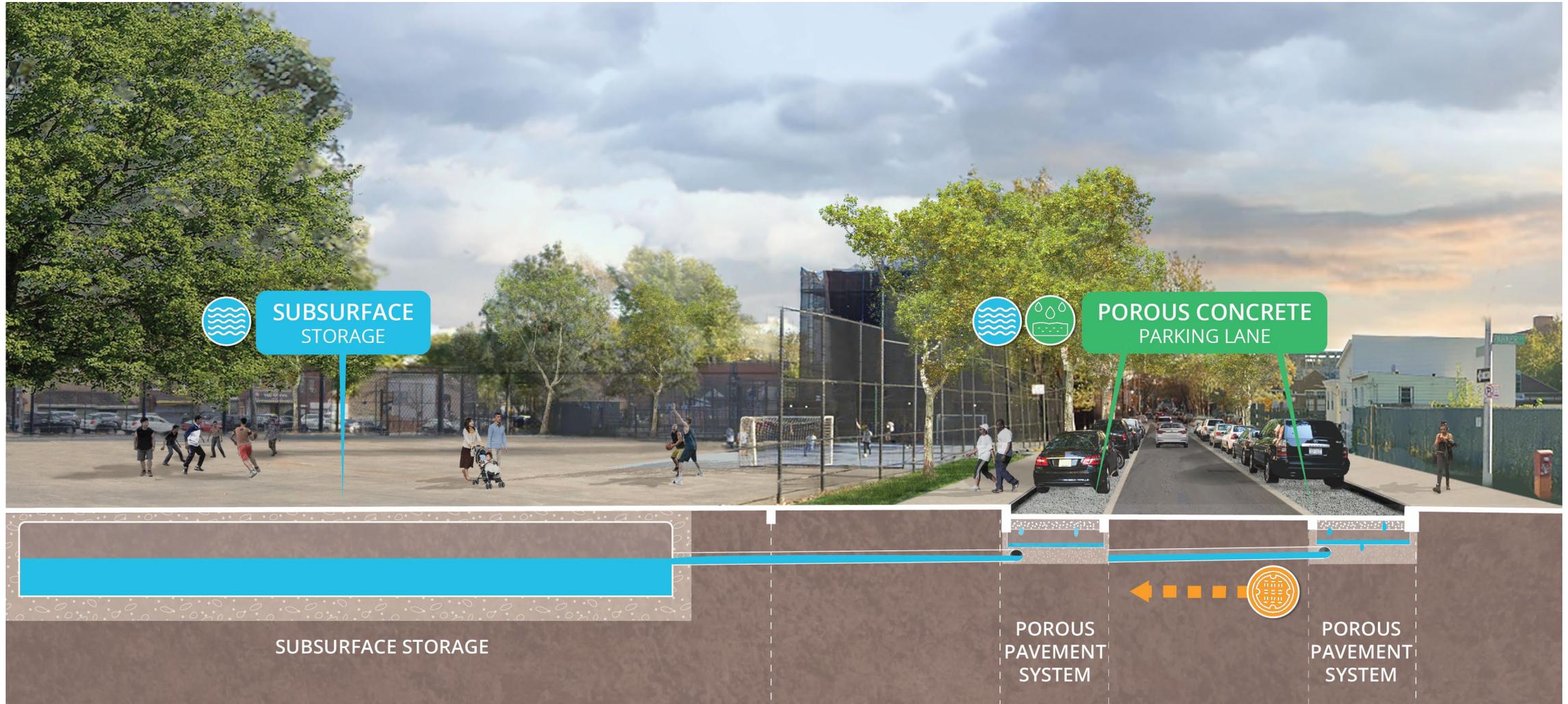
**Rain Gardens + Bioswales**  
*Streets and sidewalks*



**Subsurface Water Detention**  
*Parking lots, fields and courts,  
lawns, and streets*

# What is a Cloudburst Hub?

Cloudburst Hubs are networked stormwater management projects that target flooding hotspots at the sub-catchment scale.



# Corona Cloudburst Hub

# Corona Cloudburst Hub

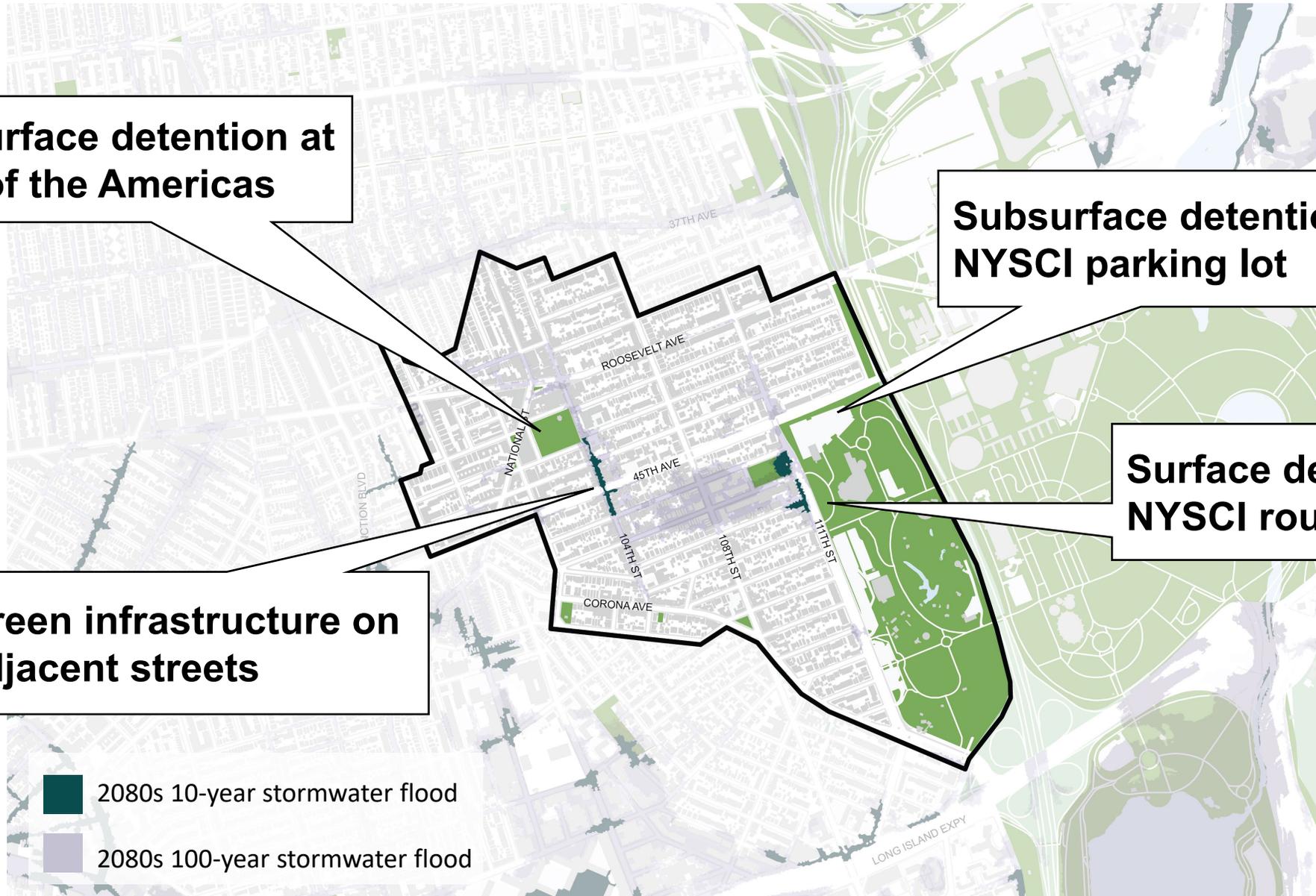
**Subsurface detention at  
Park of the Americas**

**Subsurface detention at  
NYSCI parking lot**

**Surface detention at  
NYSCI roundabout**

**Green infrastructure on  
adjacent streets**

- 2080s 10-year stormwater flood
- 2080s 100-year stormwater flood



# Gathering input during design phase



# Anticipated Outreach Timeline / Milestones



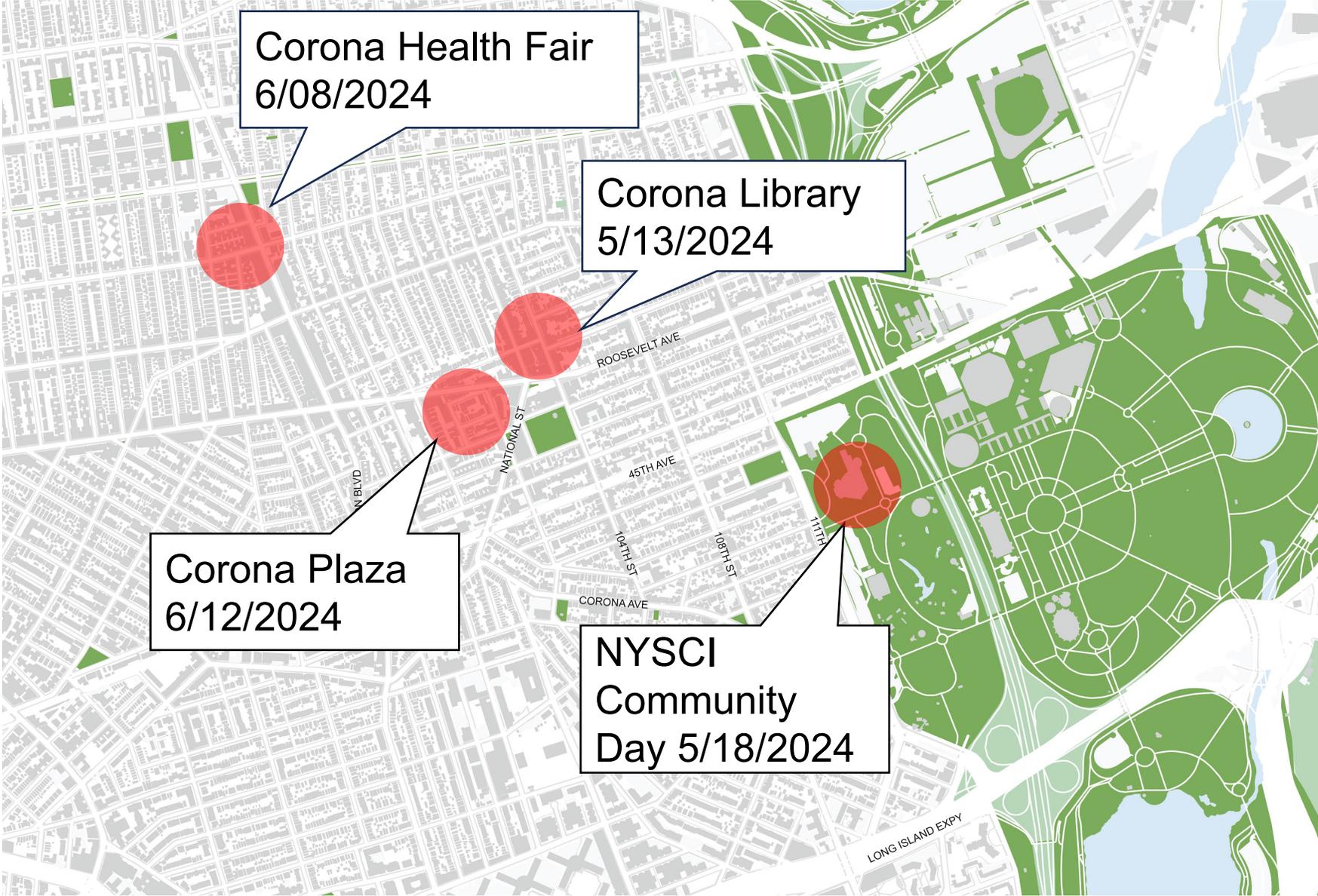
- ..... Preliminary Design Presentation (Virtual) *Winter 2025*
- ..... Final Design Presentation *Summer 2025*

# Cloudburst Outreach in Corona

- Project team tabled with 3D models, a large markable map, and material samples.
- Feedback included impacts of flooding on mobility and daily tasks, basement apartment flooding, and infrastructure maintenance issues.



# Cloudburst Outreach in Corona



# How can you get involved?

If you live or work within the Corona Cloudburst Hub, **visit our website by scanning the QR code →**

Here you will find updates on Corona outreach and can **sign up for our newsletter mailing list** also available at the link below:

<https://nyc.gov/dep/newsletters>

