



# Archie Spigner Park

## Queens, NY

### What is a Cloudburst?

A Cloudburst is a sudden, heavy downpour where a lot of rain falls in a short amount of time.

### What is a Cloudburst Project?

Cloudburst Projects are site-specific and feature a network of stormwater management tools that work together to alleviate flooding. This project is designed to improve drainage conditions in the park and on select adjacent streets where possible.

### Cloudburst Toolkit

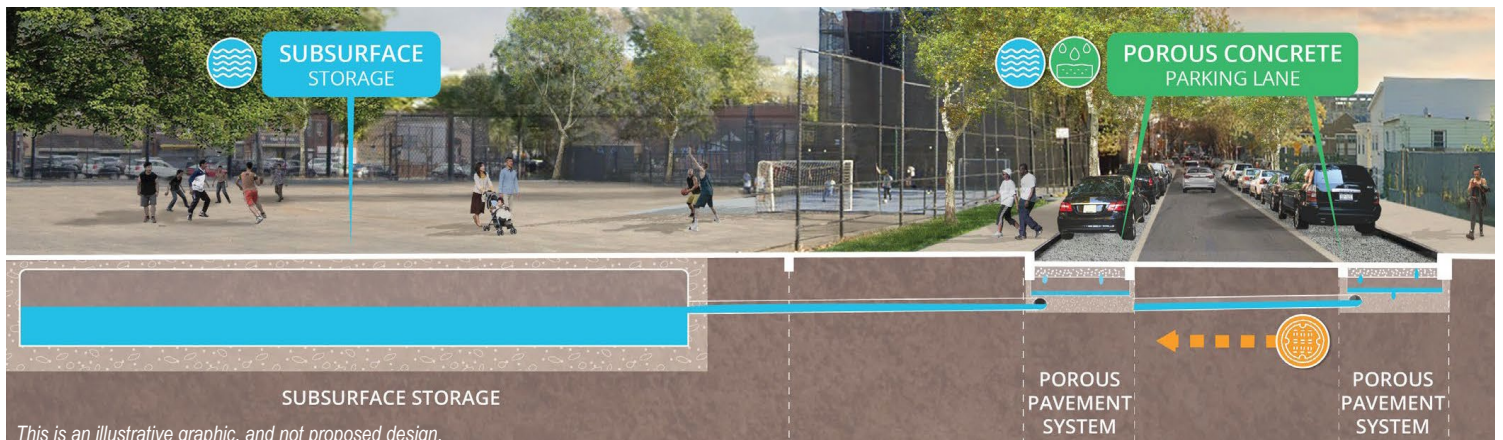
**STORE**  
Practices that hold rainwater, such as water squares, tanks, and dry ponds.

**ABSORB**  
Practices that allow water to enter the soil or ground, such as porous pavement and rain gardens.

**TRANSFER**  
Practices that move water from one place to another, such as on-site drainage and re-grading streets.

### Project Highlights

- Porous pavement in the Right-of-Way, with three separate sections to pilot/monitor trench drain technology.
- Subsurface storage underneath the lawn of the park receives water from the storm sewer.
- Runoff from the roadway can be stored in the porous pavement to reduce the risk of curb overtopping.
- Runoff that enters storm drains will be diverted to subsurface storage in the park, reducing backups.



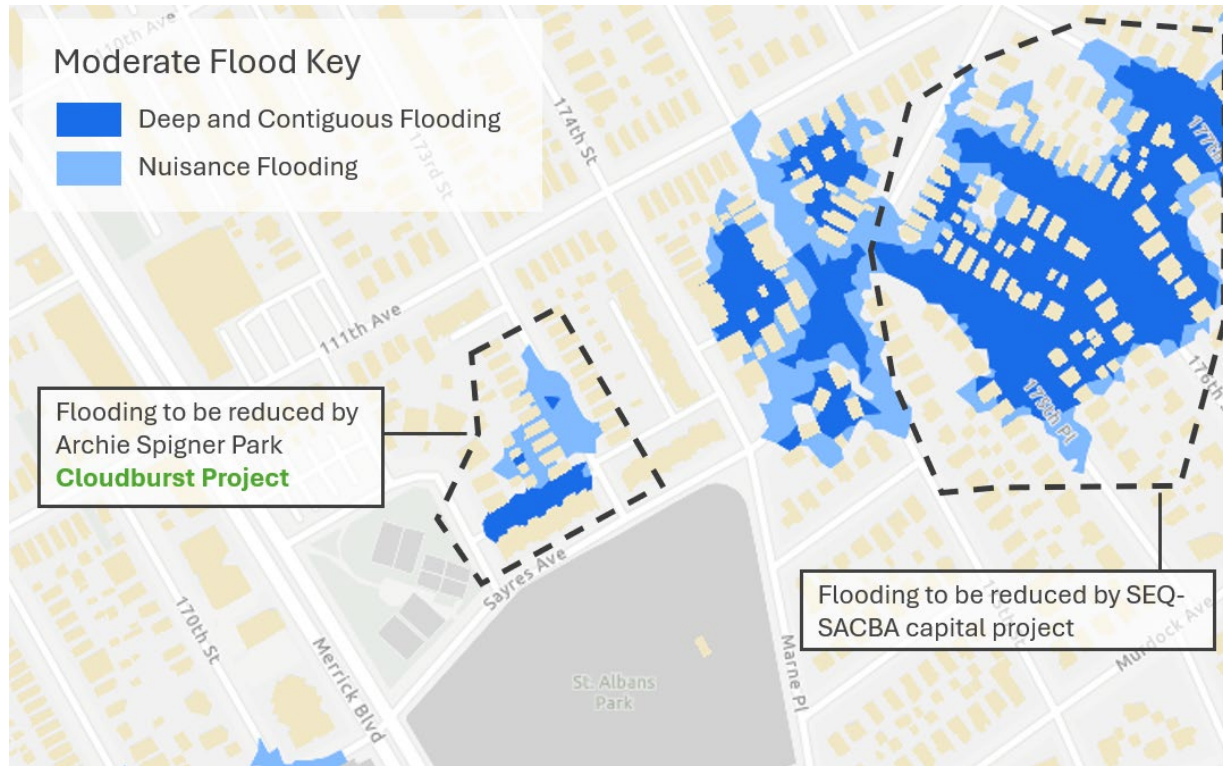
*This is an illustrative graphic, and not proposed design.*

The rendering above shows how all the interventions work together.

## Flooding Hotspots, Archie Spigner Park

The map on the left shows where deep (1ft. and greater) and nuisance (4in. to 1ft.) flooding is likely to occur in the project area during a moderate cloudburst storm, (or approximately 2.13 inches of rain per hour with 2050 Sea Level Rise).

Flooding at **173rd Street and adjacent areas** near Archie Spigner Park.



## Learn more about Cloudburst and Get Involved!

New York City's Department of Environmental Protection (DEP) is conducting community engagement and stakeholder outreach in Spring-Summer 2026.

- Use the QR code to access the Cloudburst Management program website.
- Sign up for the Cloudburst newsletter and check for project related updates on the website.



**Report all flood related issues by calling 311.**