CLOUDBURST KISSENA HUB

COMMUNITY MEETING #1 05.23.2024





AGENDA

INTRODUCTION
CLOUDBURST BACKGROUND
KISSENA HUB PROJECT AREA

PROJECT TIMELINE & ENGAGEMENT PROCESS





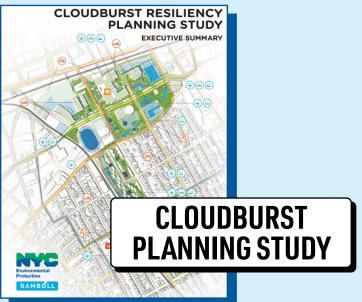
INTRODUCTION

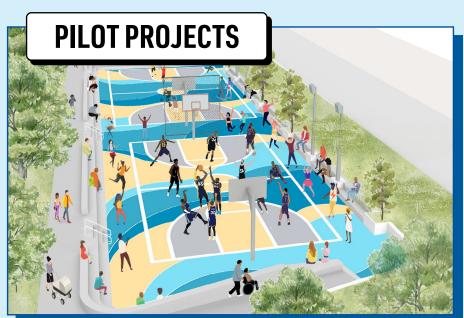


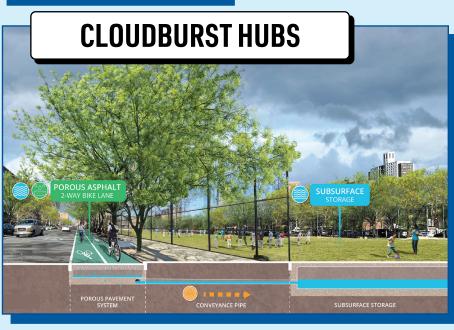


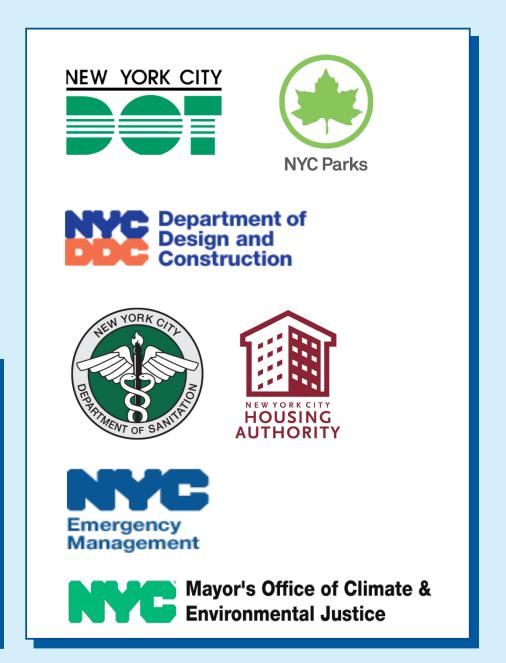
CLOUDBURST PROGRAM & AGENCY PARTNERS















OUR TEAM



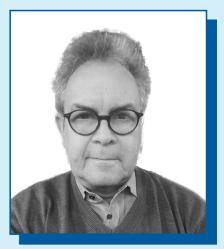
KAREN APPELL PROJECT MANAGER



KATIE DALY DEPUTY PROJECT MANAGER



ERIC OLSEN
LANDSCAPE ARCHITECTURE
& URBAN DESIGN LEAD



RICK BELL COMMUNITY ENGAGEMENT



MARK TEPPER PLACEMAKING LEAD



ALAN VIERA PROJECT ENGINEER



DOUG KUBOVICSITE-CIVIL DESIGN LEAD



FRANCO MONTALTO EDESIGN



JESS HAITZ EDESIGN



DAVID PACHECOCOMMUNITY ENGAGEMENT



AMY MOTZNY
SECTION LEAD, CLIMATE &
EQUITY, NYC DEP



ELISIA LANGDON RESILIENCY PROJECT MANAGER, NYC DEP

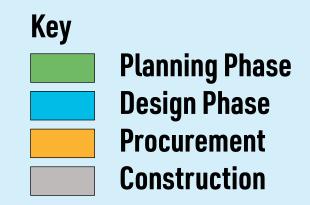


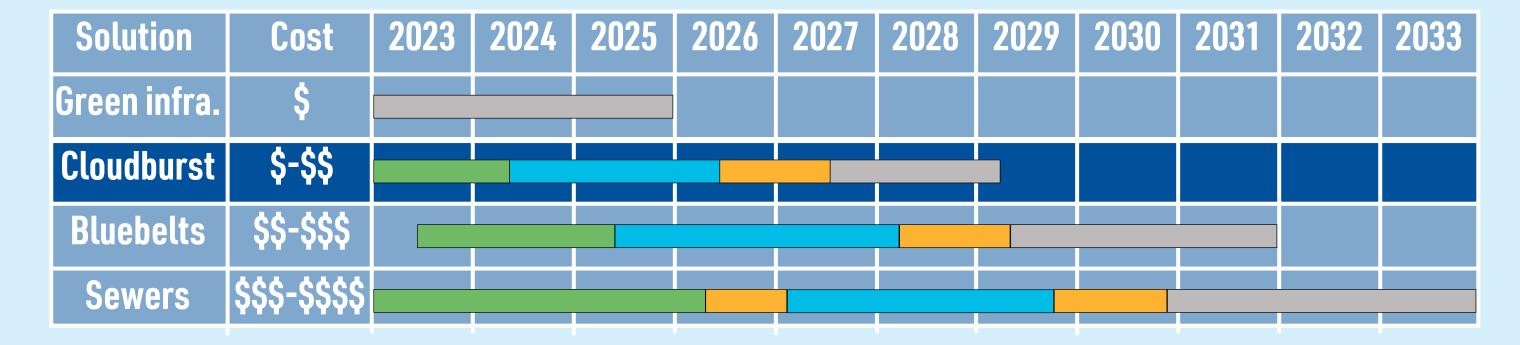


LAYERED FLOOD MITIGATION APPROACH

DEP is implementing multiple short-and long-term solutions with different costs, timeframes, and degrees of intervention.

The Cloudburst Program is only one of these solutions.









CLOUDBURST BACKGROUND





CLOUDBURST IMPACTS

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

Cloudbursts can overwhelm the sewer system and cause flooding.

Cloudburst impacts are causing more localized flooding across NYC.



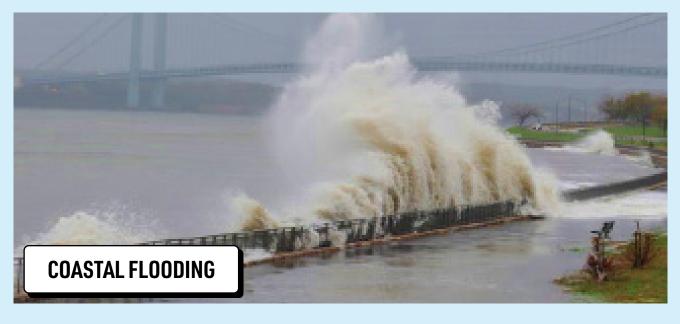


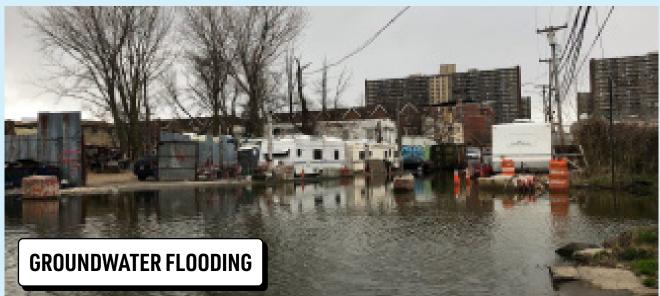


TYPES OF FLOODING

There are several different types of flooding that New Yorkers may experience, either combined or in isolation during a flooding event.









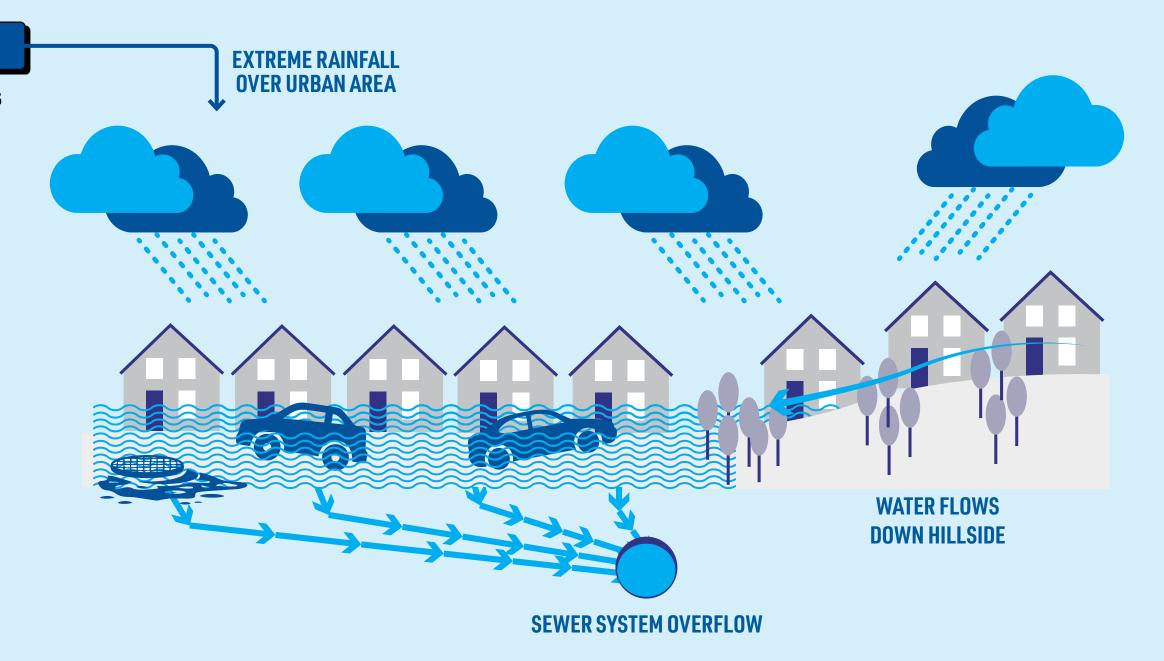




OVERLAND FLOODING

OVERLAND FLOODING

Occurs when rainwater flows downhill over the land and collects in low-lying areas







CLOUDBURST IN NYC

The New York City Department of Environmental Protection (DEP) committed to advancing innovative cloudburst solutions in the Mayor's "The New Normal: Combating Storm-Related Extreme Weather in New York City" report issued in November 2021. The City committed funding to initiating cloudburst mitigation projects in four neighborhoods in 2025, while pursuing State and federal funding to implement additional projects.







CLOUDBURST MANAGEMENT METHODS







KISSENA PROJECT AREA





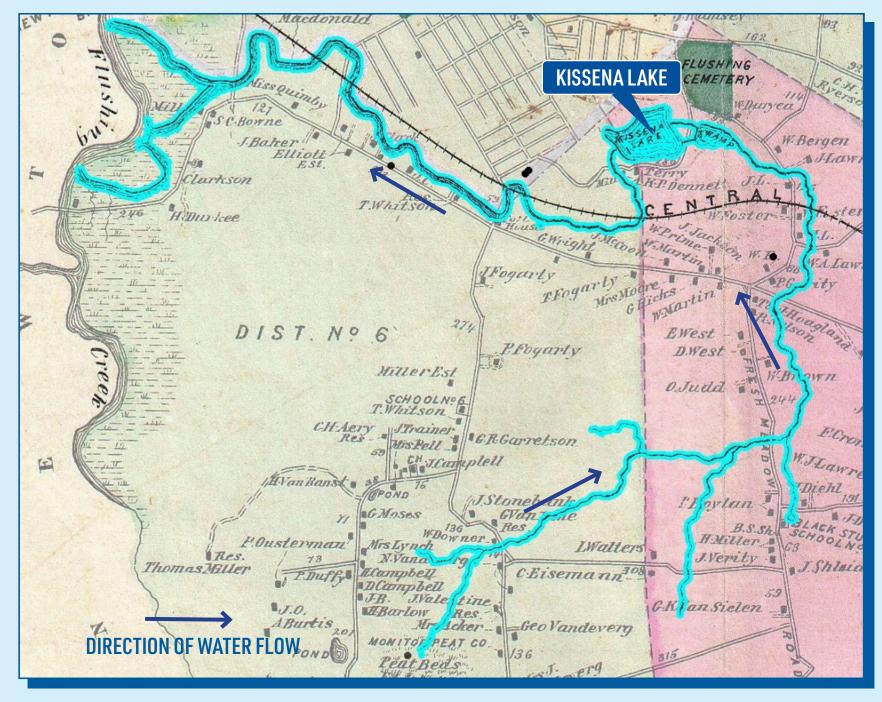
PROJECT AREA HISTORY

GLACIAL HISTORY AND HUMAN INTERVENTION CREATED THE CURRENT LANDSCAPE THAT IS PRONE TO FLOODING

KISSENA HUB IS THE LOWPOINT

AN 1873 MAP OF QUEENS SHOWING THE ROUTE OF KISSENA CREEK (BLUE) AND THE CENTRAL RAILROAD

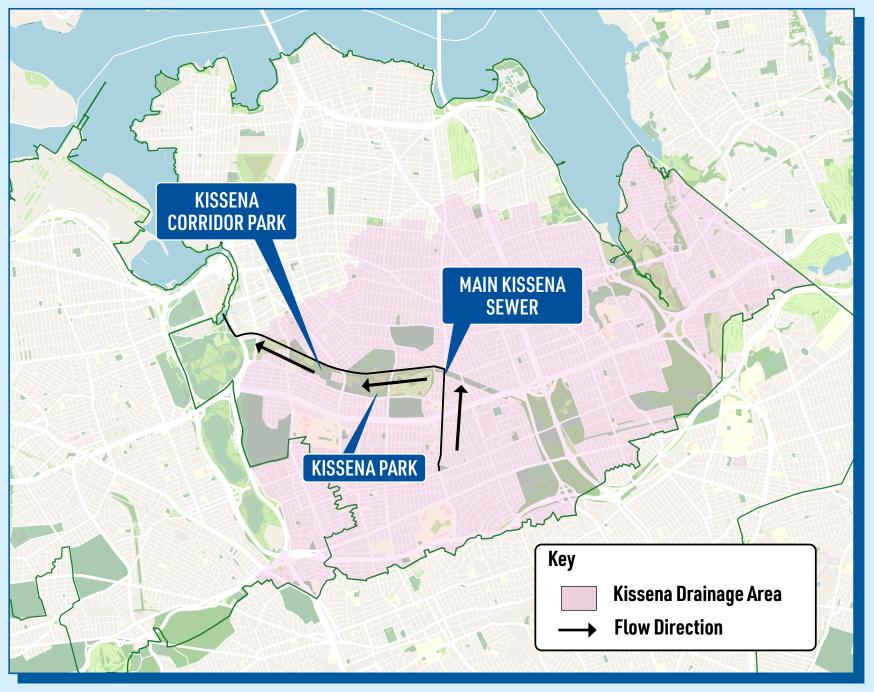
SOURCE: https://en.wikipedia.org/wiki/Kissena Creek





KISSENA CSO DRAINAGE AREA

The trunk sewer mains running under Kissena Park handle stormwater from a massive drainage area, ~20%Queens.





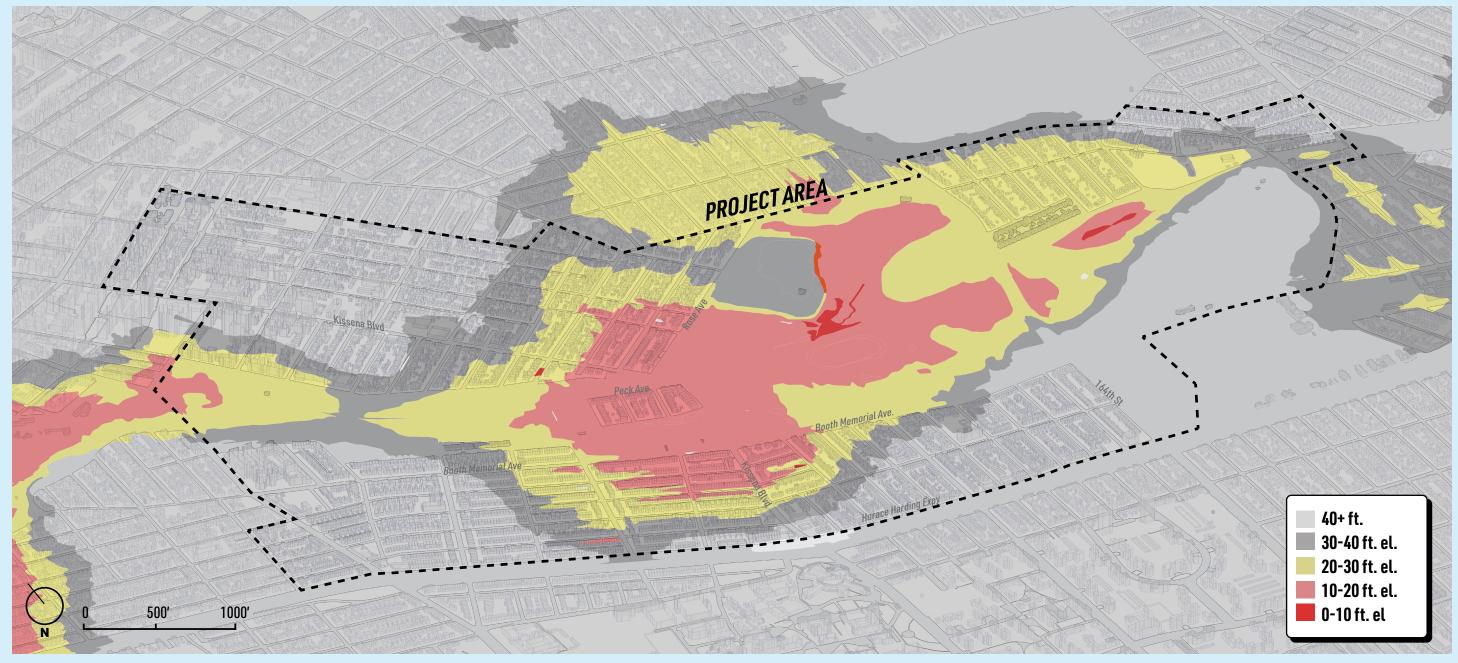


EXISTING PROJECT AREA





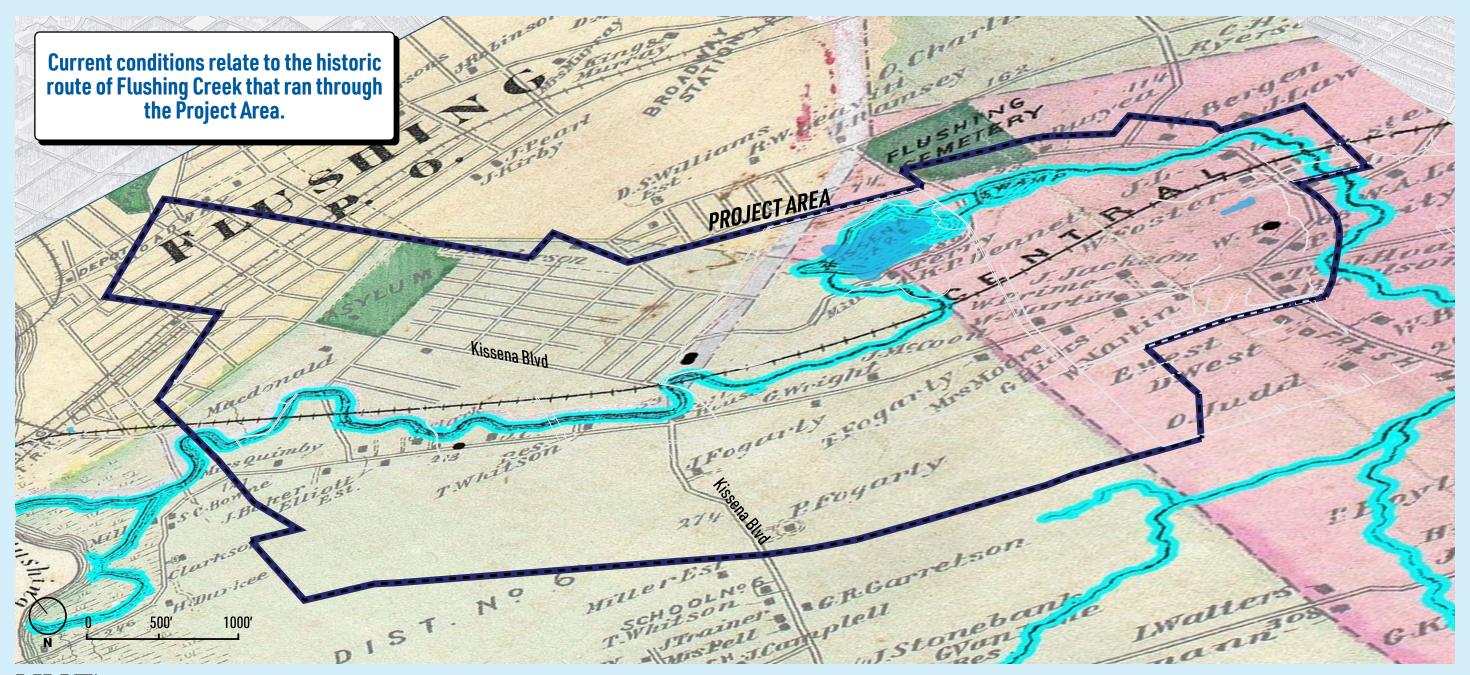
TOPOGRAPHY





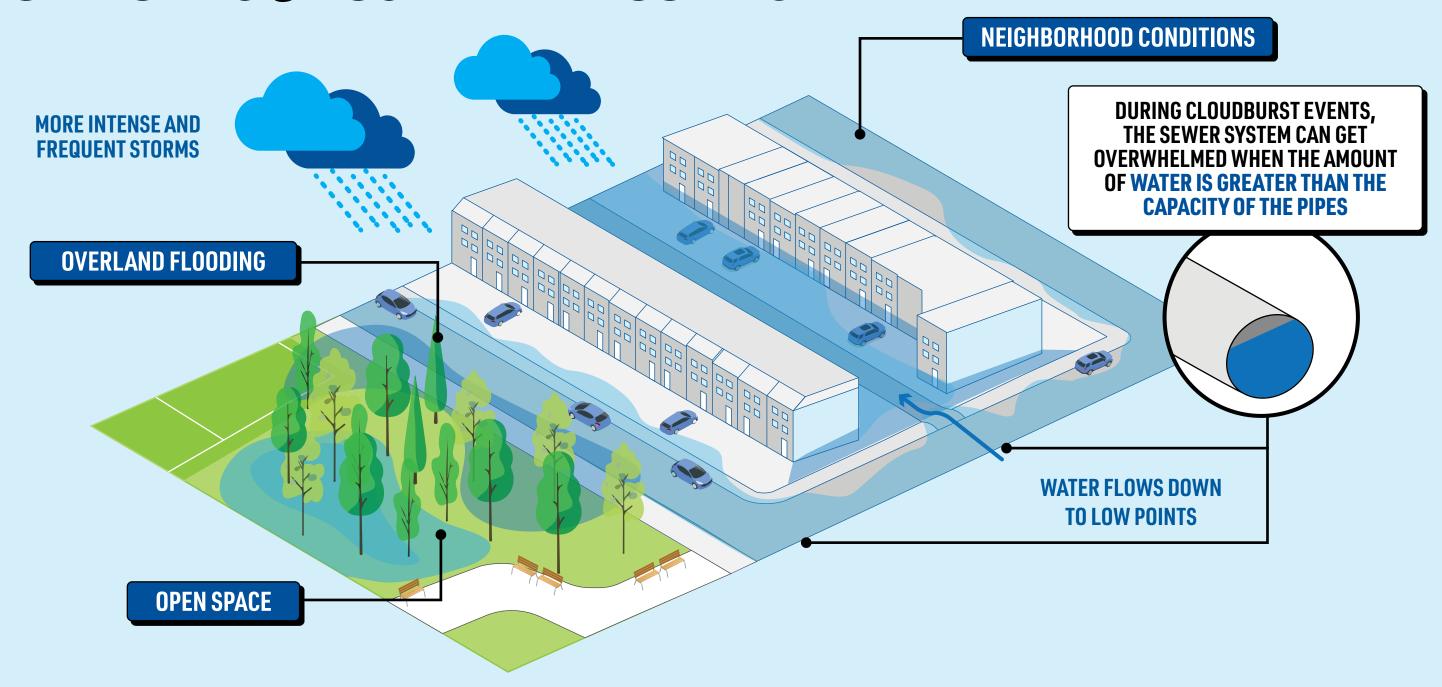


HISTORIC HYDROLOGY



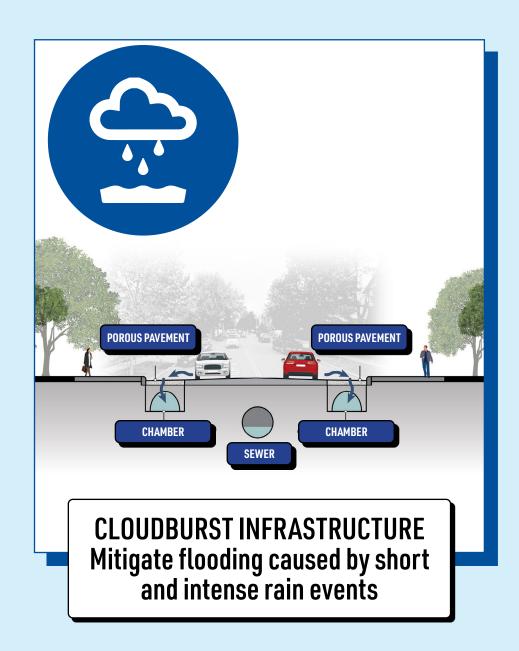


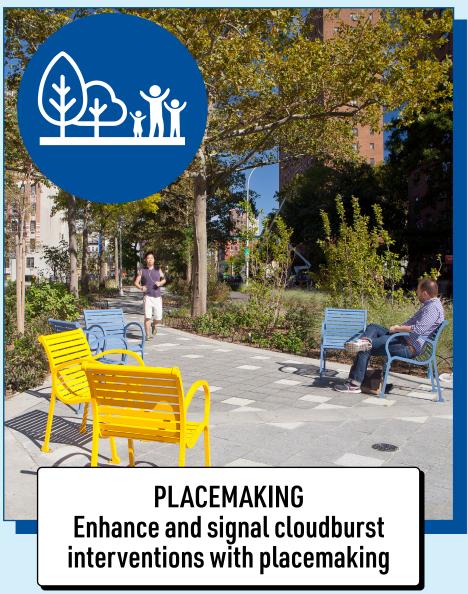
LOW POINTS & LOCALIZED FLOODING





PROJECT GOALS









INTERVENTIONS TOOLKIT









WHAT WE KNOW

COMMUNITY UPDATES

Kissena Park Flooding Progress Update

November 21, 2023

Cloudburst Program Citywide Update

TECHNICAL DOCUMENTS

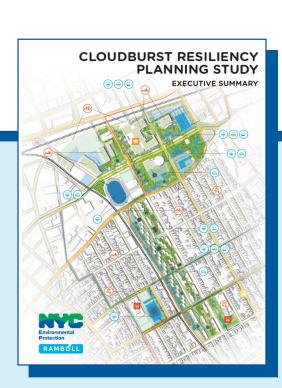


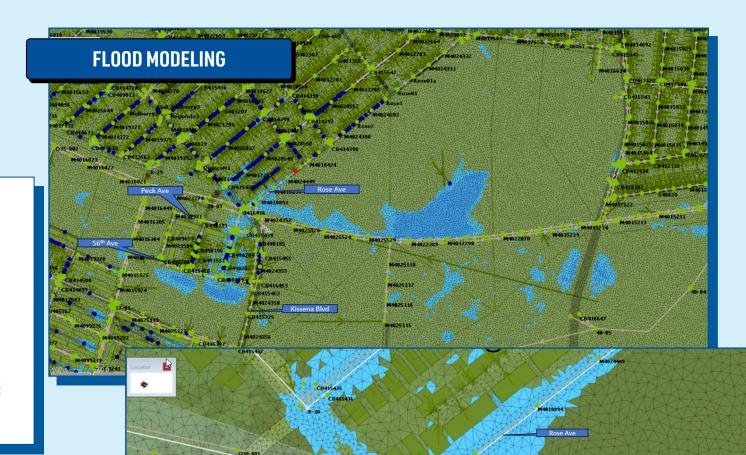
NYC Cloudburst Program

Cloudburst Feasibility Study Technical Memorandum

BEPA-IWMPA Contract

June 13, 2023







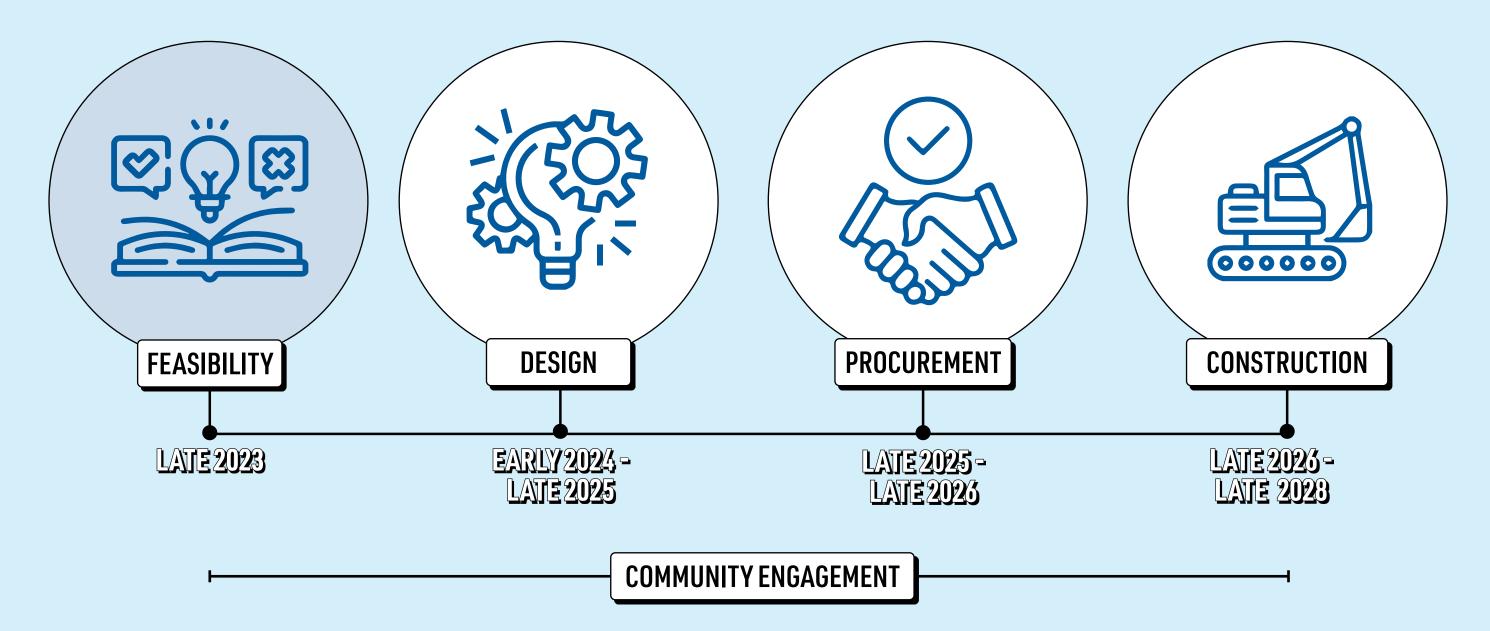


PROJECT TIMELINE & ENGAGEMENT PROCESS





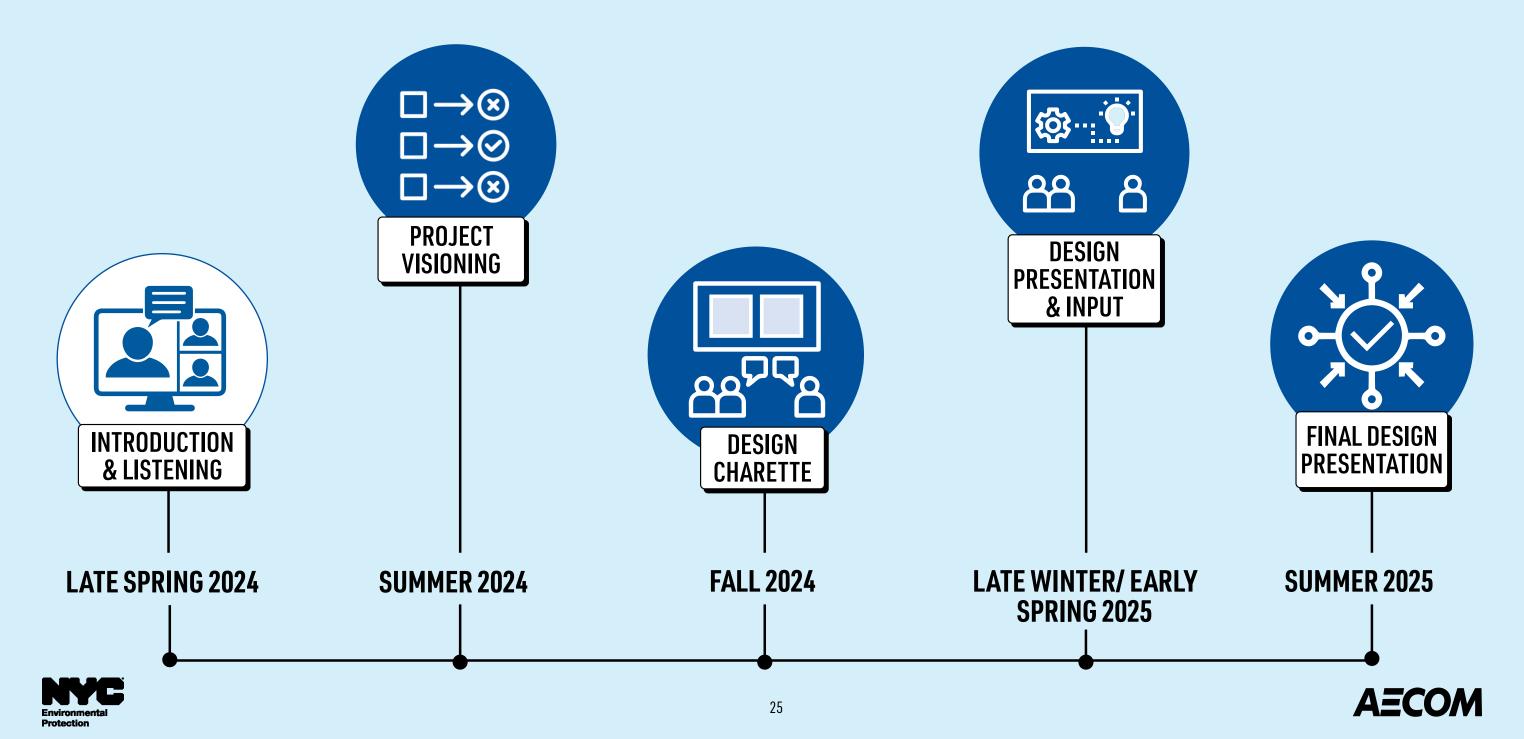
PROJECT TIMELINE







COMMUNITY ENGAGEMENT EVENTS



LISTENING PHASE | COMMUNITY MEETINGS 1 & 2

TO COMMUNICATE:

Types of flooding and Cloudburst background

Kissena Hub historical and existing context

Project goals and design objectives

TO LEARN:

Community's lived experience with flooding

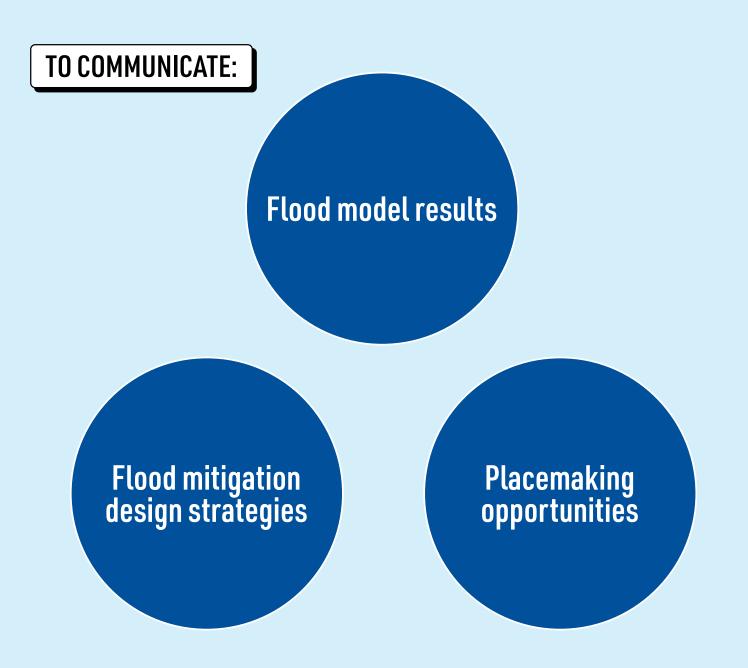
Community's understanding of flooding issues and causes

Local knowledge that can strengthen projects





DESIGN PHASE | COMMUNITY MEETINGS 3 & 4



TO LEARN:

Community design preferences

Community public space priorities

Synergies for community benefits





NEXT STEPS

01

02

If you live or work within the Kissena Hub Project Area, sign up for your hub's mailing list through the link below:

https://nyc.gov/dep/newsletters

Sign J

Survey links:

English: https://www.surveymonkey.com/r/G9QGDJF

Spanish: https://es.surveymonkey.com/r/ZV76FGQ

Mandarin: https://es.surveymonkey.com/r/CD5YRV9

HOW CAN YOU INFLUENCE OUTCOME?

03

DEFINE PROJECT GOALS AND OBJECTIVES

Next meeting:

: COMMUNITY MEETING #2 SUMMER 2024

PROJECT VISIONING





EVENT REMINDER - KISSENA GI SITE VISIT

Tuesday, June 4th at 11AM.

Site visit to green infrastructure construction at Kissena Boulevard and Booth Memorial.

Parks representatives will be on hand to answer questions about the ongoing work at the site.





THANKYOU!



