

# WELCOME

The presentation will begin shortly.

- Please remain muted throughout the duration of the presentation.
- Questions can be entered in the chat throughout the presentation.
- Verbal questions will be taken at the end.
- Please enter your name in the chat for attendance.
- This meeting is being recorded.

Thank you.

An aerial, semi-transparent view of a city waterfront, likely New York City. The image shows a dense urban grid of buildings on the left, a bridge crossing a body of water in the center, and a waterfront park area with green spaces and a baseball field on the right. The text is overlaid in white on this background.

# East Side Coastal Resiliency Parallel Conveyance (PC)

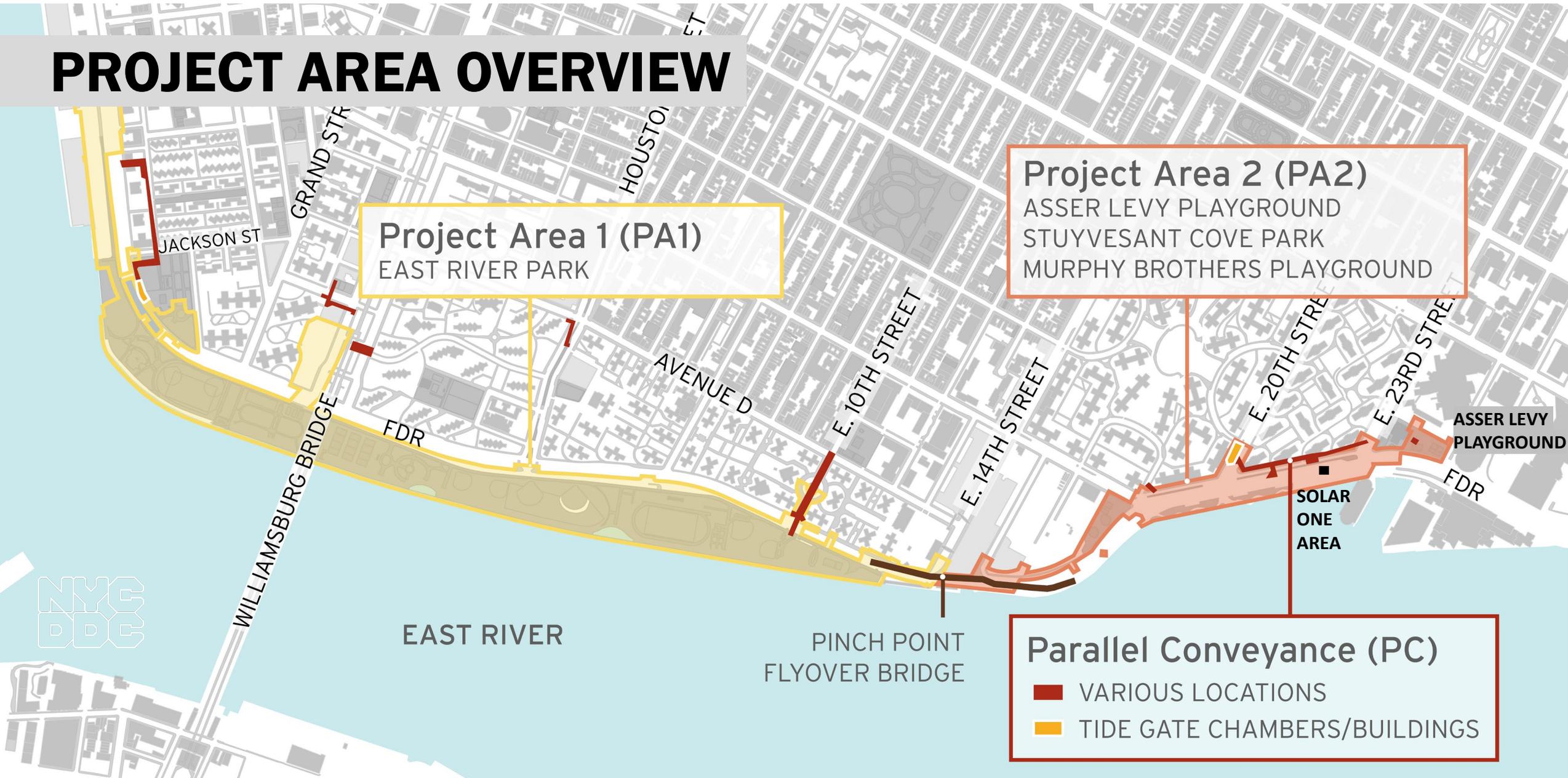
## Community Discussion with NYC DEP Virtual Meeting April 29, 2022



# AGENDA

- Introductions
- Parallel Conveyance Overview
- What We've Heard
- Q & A

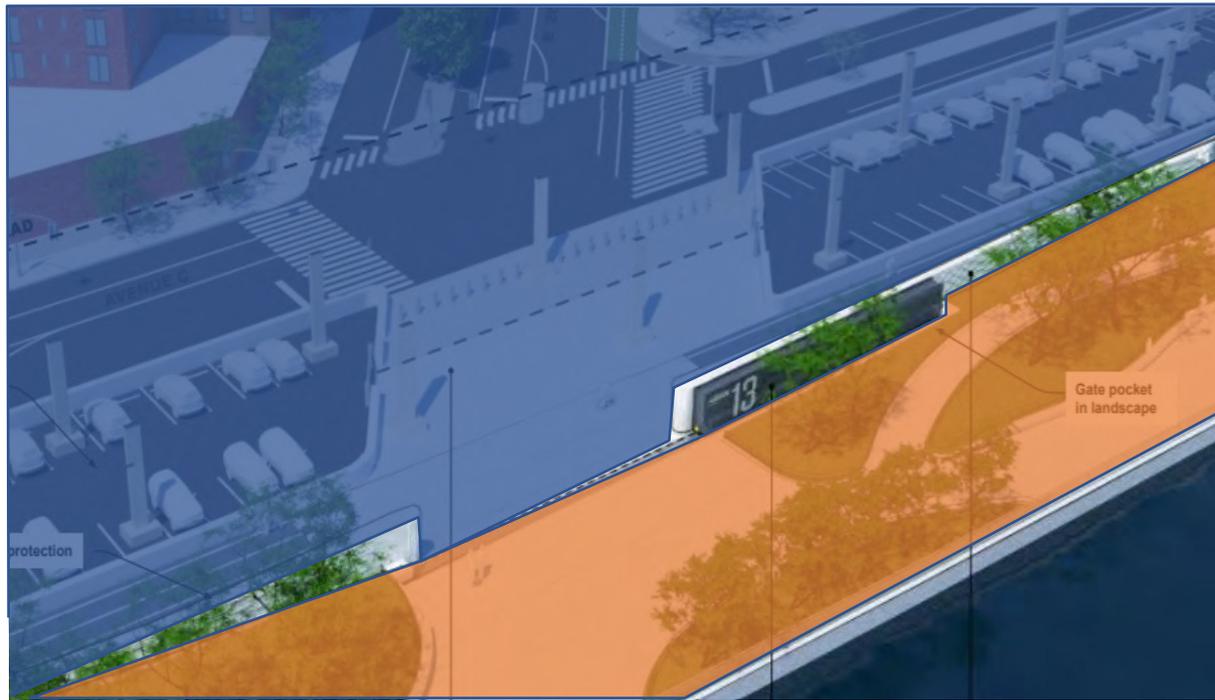
# PROJECT AREA OVERVIEW



# PARALLEL CONVEYANCE (PC)

Optimizes the existing drainage infrastructure and stormwater system. The PC work consists of:

- Sewer upgrade work within the city streets
- Two interceptor gates, two buildings, and several deep manhole excavations
- Potential street and/or sidewalk closures, detours, and watermain shutoffs



PC

Sewer upgrades will help protect the community from floods that result from heavy rainfall during storm events

PA1  
&  
PA2

Flood protection system will help protect the community from coastal/tidal flooding and saltwater

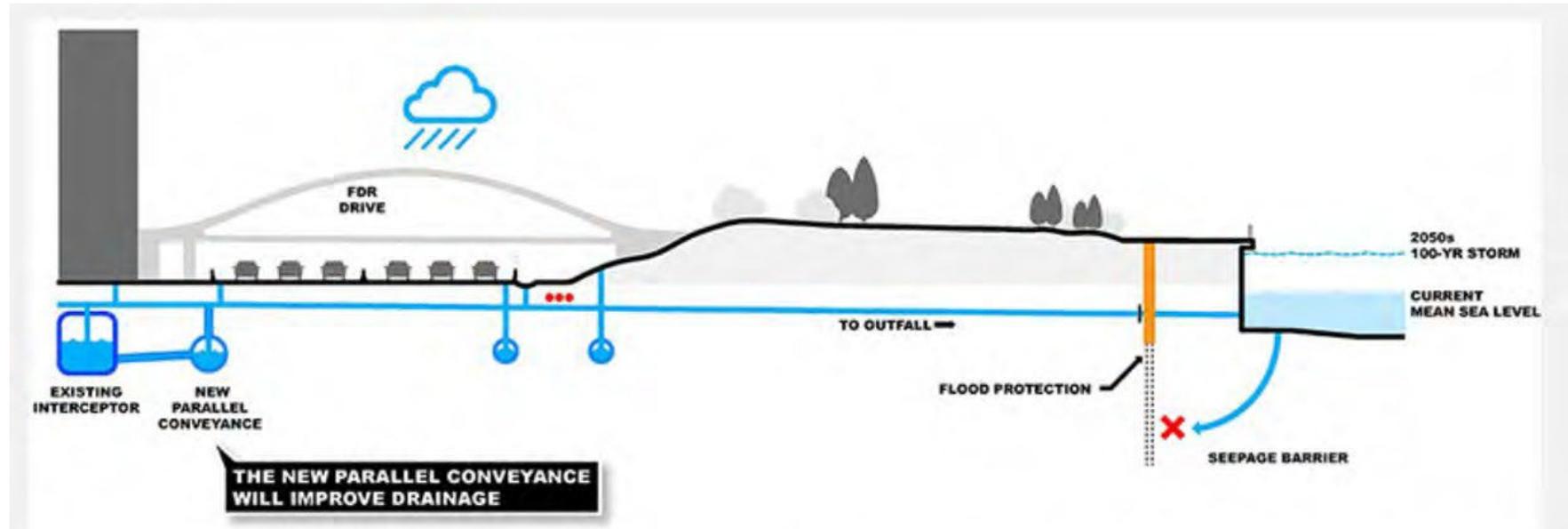
# PARALLEL CONVEYANCE (PC)

- Local streets on PA1 & PA2
- NTP: Tentative Fall 2022
- Duration: approx. 4 years

- Work:

- Interior flood protection
- CSO & utility work
- Coordination with Solar One
- Coordination with ConEd

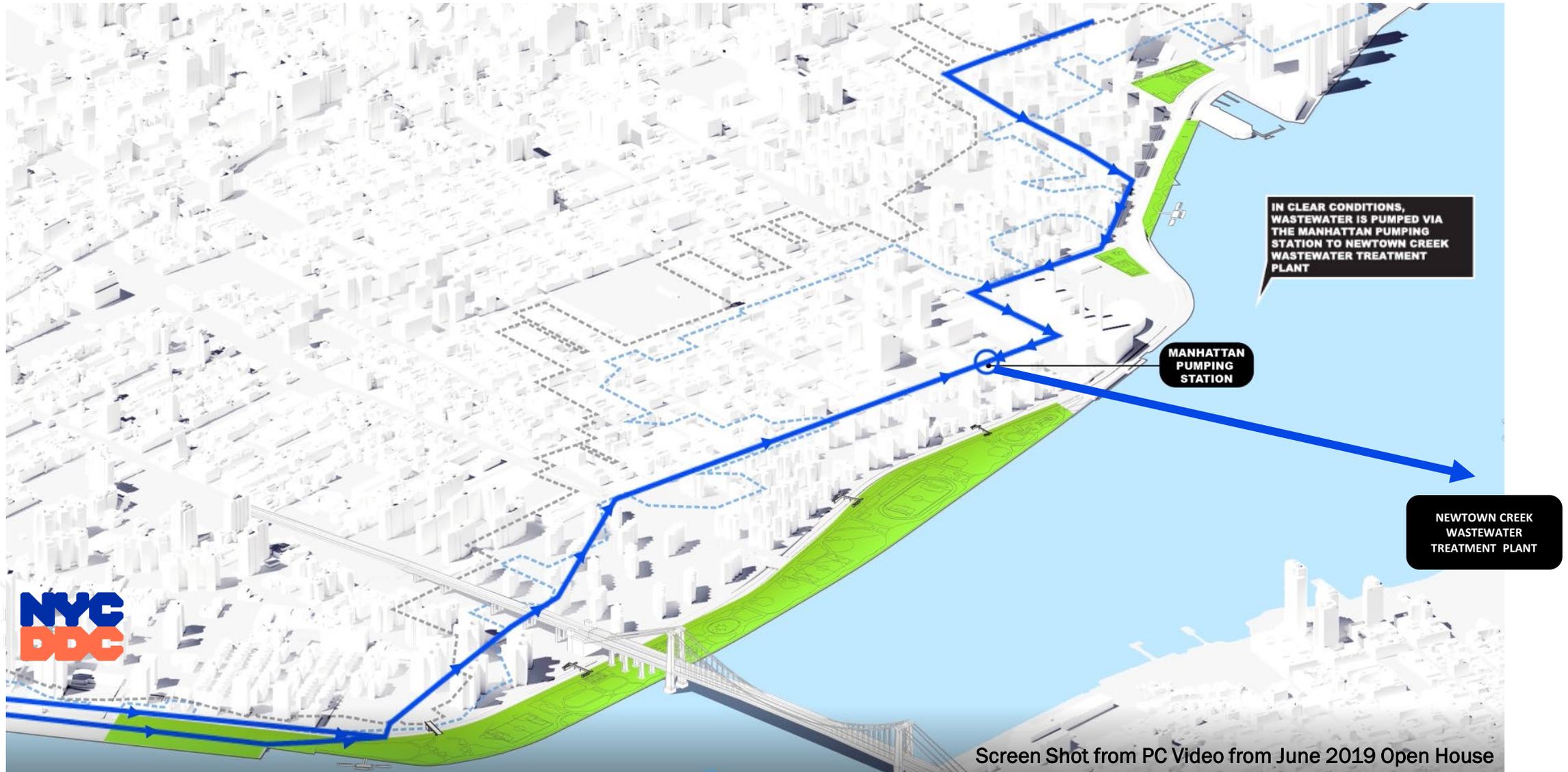
- 2/10/22 preliminary bid results can be viewed here:  
<https://www1.nyc.gov/site/ddc/contracts/Preliminary-Bid-Results.page>



Upgrades to the combined sewer system are referred to here as Parallel Conveyance. These improvements will protect the inland neighborhoods on Manhattan's East Side from flooding due to rainfall.



# PC | CURRENT CONDITIONS: BLUE SKIES

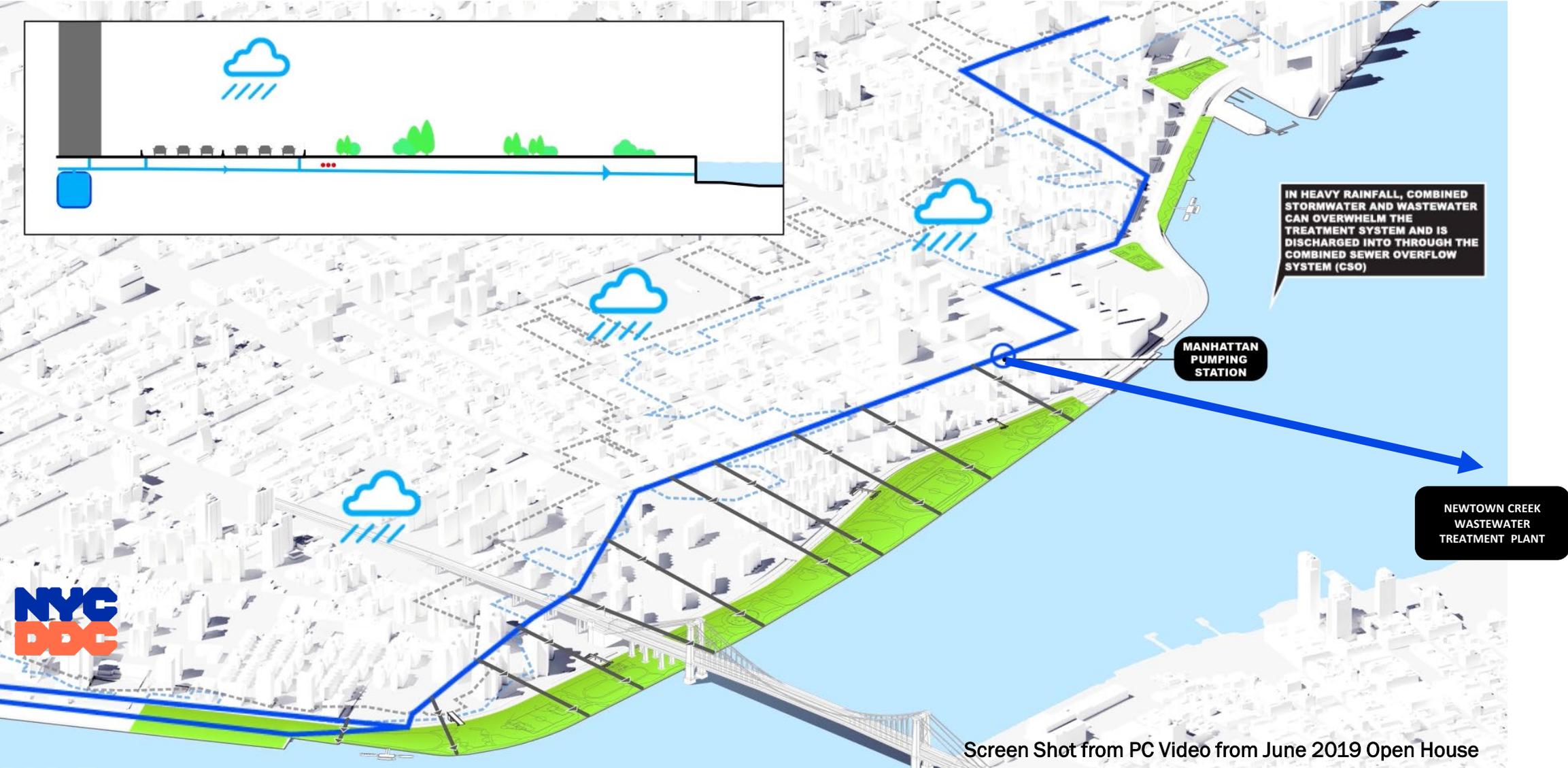


NYC  
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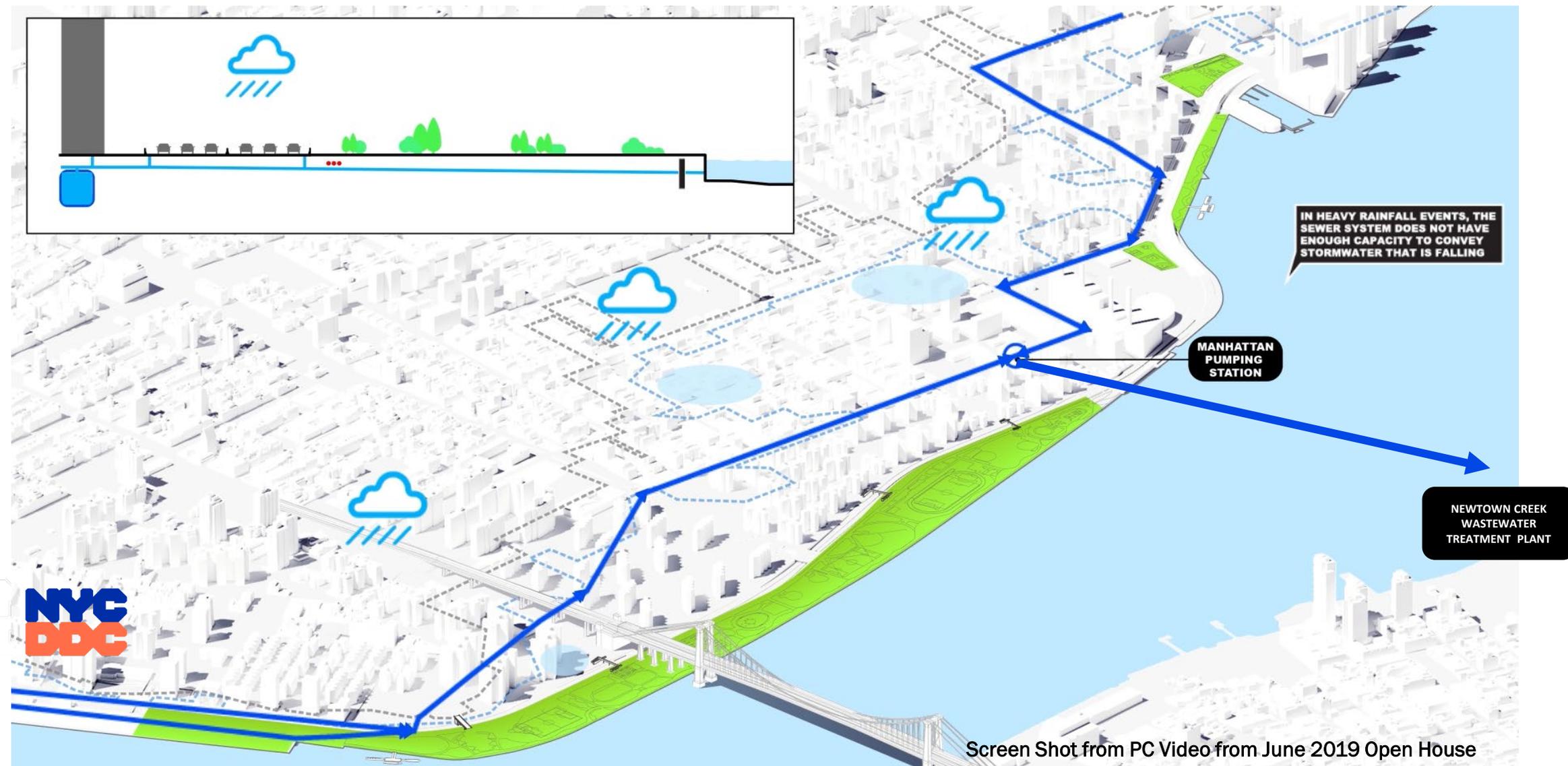
Screen Shot from PC Video from June 2019 Open House

# PC | CURRENT CONDITIONS: RAIN EVENT



Screen Shot from PC Video from June 2019 Open House

# PC | CURRENT CONDITIONS: RAIN & COASTAL FLOOD

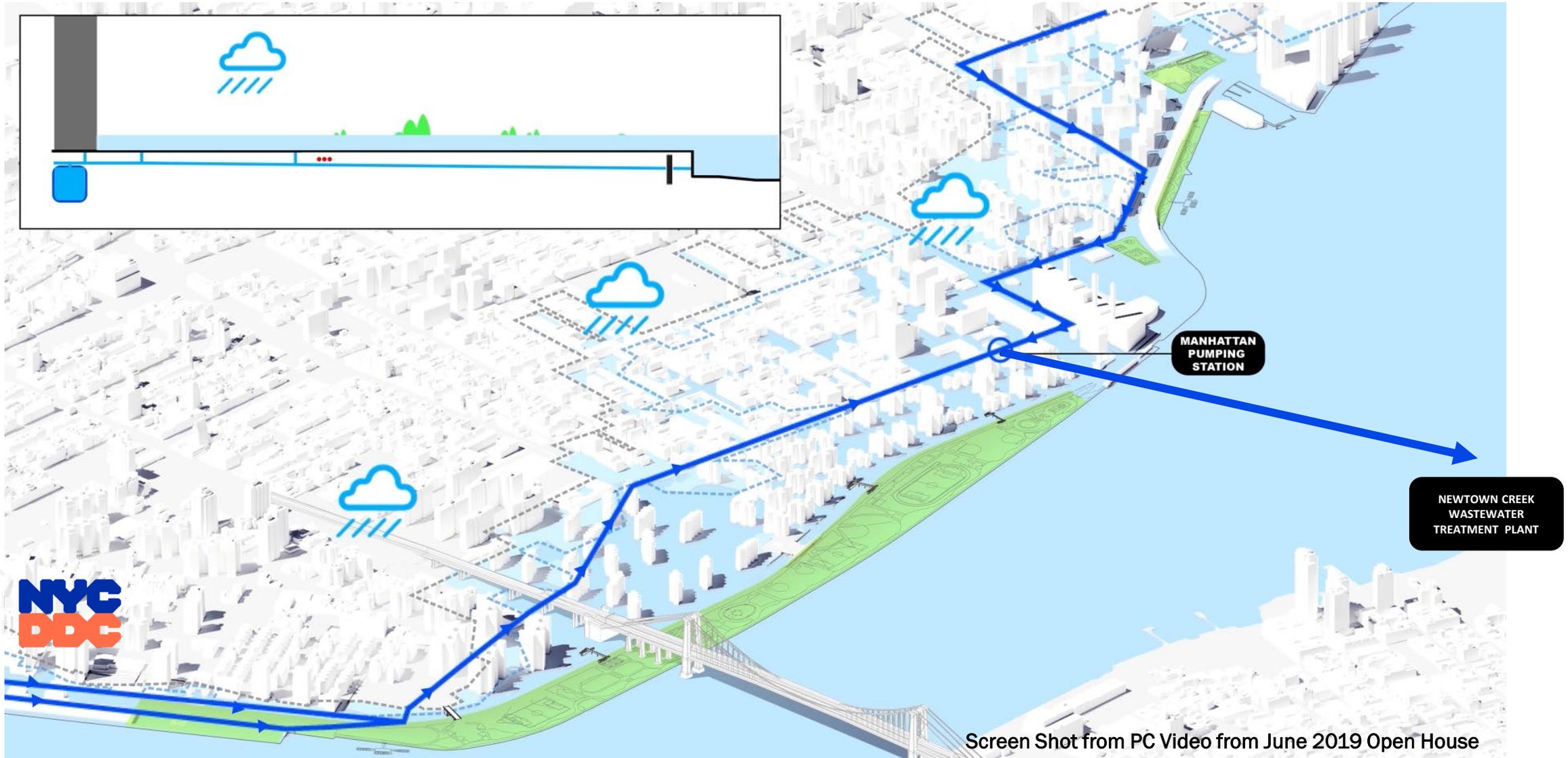


NYC  
DDC

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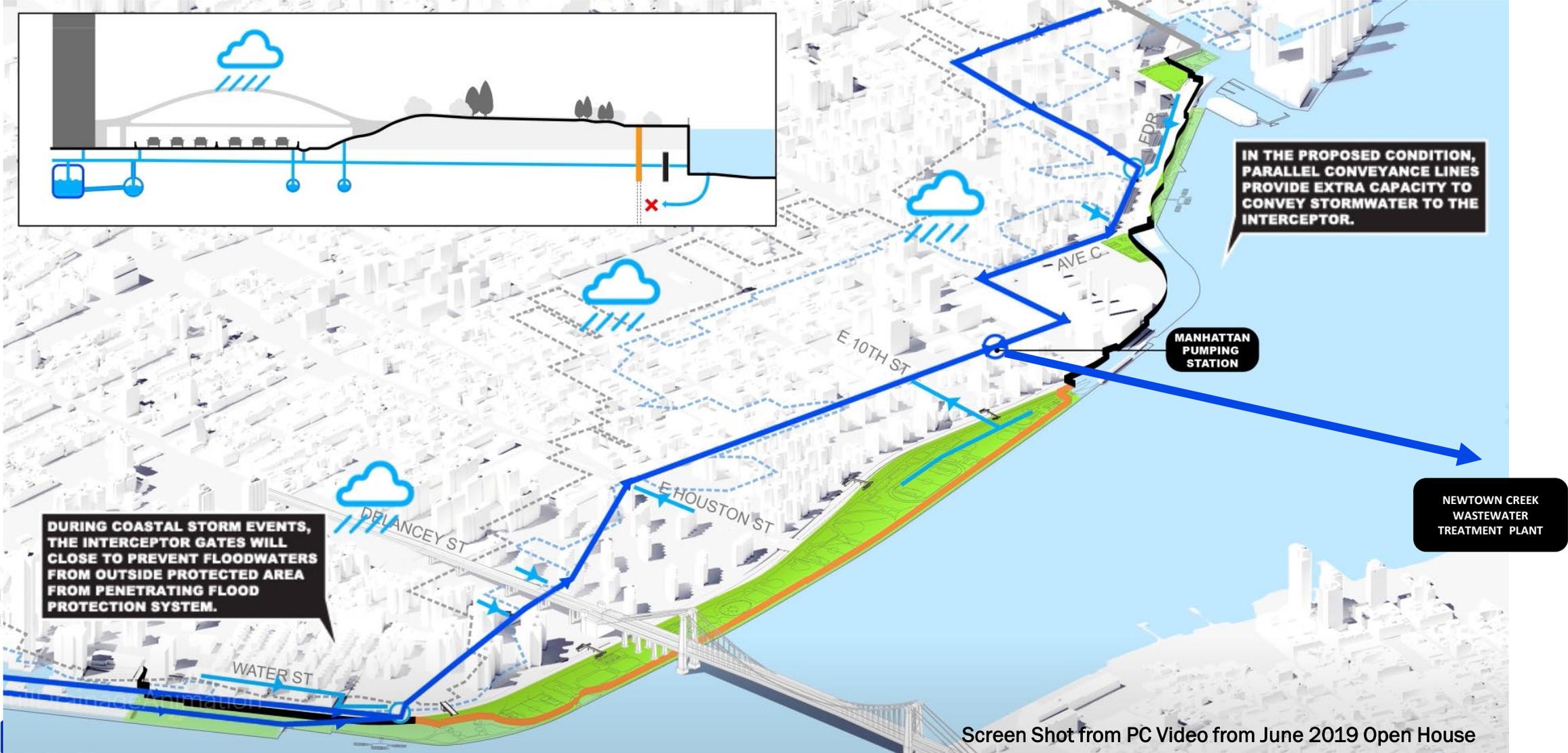
Screen Shot from PC Video from June 2019 Open House

# PC | CURRENT CONDITIONS: RAIN & COASTAL FLOOD



Screen Shot from PC Video from June 2019 Open House

# PC | PROPOSED CONDITION: RAIN & COASTAL FLOOD



Screen Shot from PC Video from June 2019 Open House

# WHAT WE'VE HEARD

- **do the esplanade's combined sanitary and stormwater outlets (CSOs) need repair?**
  - some outfalls will be replaced or repaired through the ESCR project; none will be raised
- **tide gates & chambers**
  - are designed to close during high tide and storm surges when the tide level in the river is higher than the water elevation within the tide gate chamber, which connects back to the City's sewers. The parallel conveyance system will convey the excess combined flow from the existing sewer system, allowing the existing system to function more efficiently.
- **stormwater flow**
  - the majority of stormwater that falls within the project area is captured in the park. Any stormwater that flows onto the FDR from the park will be collected in catch basins and channeled into the sewer system.
- **parallel conveyance intent**
  - support the existing sewer system by adding additional pipes underground to leverage the available capacity in the interceptor which leads to the Manhattan Pump Station; not to separate the City's combined stormwater and sanitary. The NYC sewer system is old and extensive. It would be extremely difficult to separate due to the number of underground utilities and limited space in existing streets.

# Q & A



### East Side Coastal Resiliency

The East Side Coastal Resiliency (ESCR) Project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street. The boundaries of this project correspond with the natural "pinch-points" in the 100-year floodplain: areas where the land is higher along the coastline, making it easier to close the system off from water entering from the north and south. The project design integrates flood protection into the community fabric, improving waterfront open spaces and access, rather than walling off the neighborhood. Construction on the East Side Coastal Resiliency project will begin in Fall 2020 and continue through 2025.

 <b>Construction Progress</b>	 <b>Resiliency &amp; Flood Protection</b>	 <b>Project Background &amp; Goals</b>	 <b>Project Design</b>
<b>Construction Notices</b> View our most recent community presentations for updates as we prepare for upcoming construction activities.	<b>Resiliency and Flood Protection</b> Learn more about ESCR's resiliency and the forward-thinking flood protection measures being implemented to protect 110,000 New Yorkers from the impacts of climate change.	<b>Project Background and Goals</b> Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.	<b>Project Design</b> From flood protection measures to bike lanes and ball fields, the ESCR project is improving open spaces and access in the Lower East Side while strengthening the city's coastline.

# NEED MORE INFORMATION?

## VISIT US AT:

[www.nyc.gov/escr](http://www.nyc.gov/escr)

