

# EAST SIDE COASTAL RESILIENCY

# SANDRESPC: GOUVERNEUR GARDENS

VIRTUAL MEETING – FEBRUARY 7, 2025

### AGENDA

- 1. Introductions & Parallel Conveyance Overview
- 2. Scope of Work Adjacent to Gouverneur Gardens (GG)
  - a) Underground Work Adjacent to GG
  - b) Completed Underground Work Adjacent to GG
  - c) Ongoing Work Adjacent to GG
  - d) Upcoming Construction Activities
  - e) Final Restoration Logistics
- 3. Points of Contact Between GG & PC
- 4. Questions





## **PARALLEL CONVEYANCE (PC) OVERVIEW**

WORK SUBJECT TO CHANGE

#### Scope of Work:

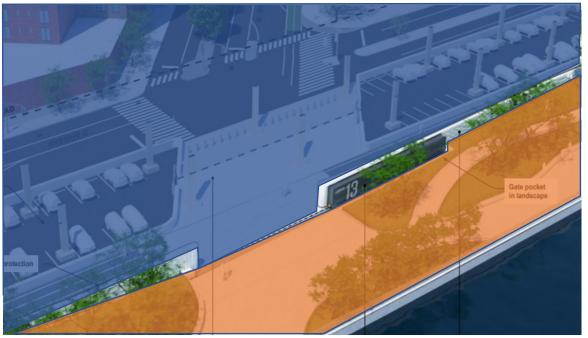
- Sewer Work: increase capacity of the sewer system to provide interior flood protection
- Combined Sewer Overflow (CSO) & utility work improvements
- Interceptor Gates: Install two interceptor gate chambers
- Gate Houses: construct two interceptor gate buildings
- Improve street lighting and traffic signals within the work zone

#### **Benefits:**

- Expands inland drainage capacity
- Interceptor gate isolates interceptor sewer in the event of a surge to optimize drainage in the protected areas
- Provides additional capacity for rainwater drainage when outfalls are inoperable during a surge



Sewer upgrades will help protect the community from inland flooding due to unusual heavy rainfall during surge events





Flood protection barriers to protect the community from **coastal/tidal** flooding and saltwater

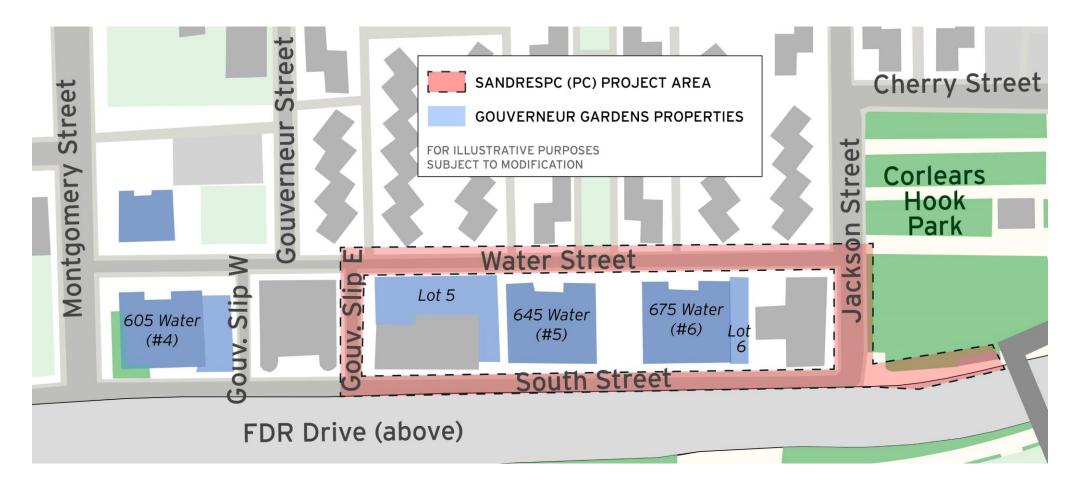


### **PARALLEL CONVEYANCE (PC) OVERVIEW**





### **SCOPE OF WORK ADJACENT TO GG**





## **SCOPE OF WORK ADJACENT TO GG**

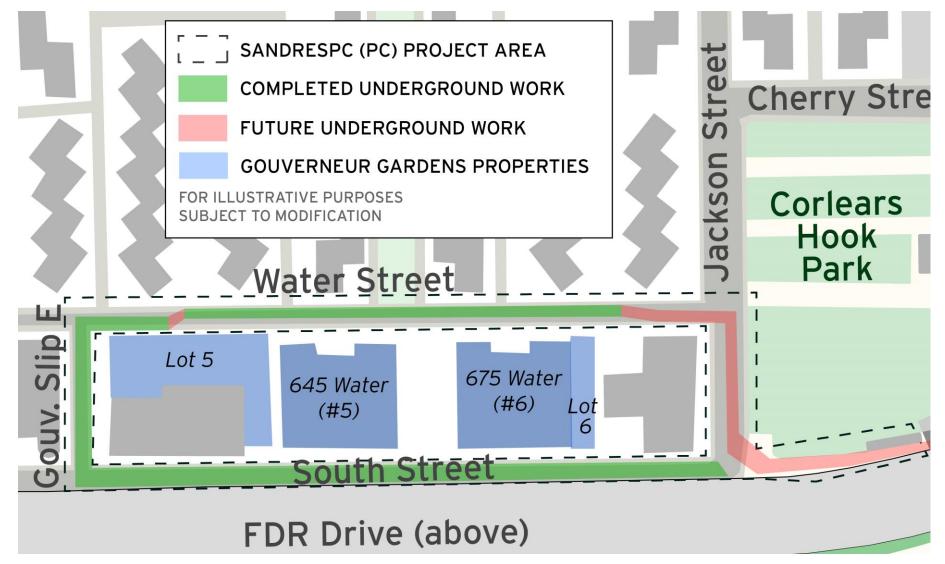
WORK SUBJECT TO CHANGE

#### 1. Test pits and subsurface investigation

- 2. Utility work
- Steam main abatement: for water main and PC sewer crossing steam main
  - Electrical relocation: for placement of water main and new PC sewer in progress
- $\checkmark$  3. Water main installation
  - 4. PC sewer installation in progress
  - 5. Final restoration



### **UNDERGROUND WORK ADJACENT TO GG**







- 1. Test pits and subsurface investigation
- 2. Utility work
  - Steam main abatement: for water main and PC sewer crossing steam main
  - Electrical relocation: for placement of water main and new PC sewer

Construction Impact	Mitigation
Traffic restrictions	Adequate number of flaggers to manage traffic
Limited street parking	Scheduled work in phases to minimize impact



WORK SUBJECT TO CHANGE

**Steam Main Abatement at Intersection of Water Street and Jackson Street:** 





WORK SUBJECT TO CHANGE

#### **Utility Relocation in Water Street:**





WORK SUBJECT TO CHANGE

#### 3. Water main installation

• Gouverneur Gardens has private water tank, not impacted by water shutdowns

Construction Impact	Mitigation
Road closures & traffic restrictions	<ul> <li>Adequate numbers of flaggers to manage traffic and detours</li> <li>Coordinated with DOT, FDNY, NYPD, Sanitation, other city agencies</li> </ul>
Parking Lot #5 access restriction	Installed additional gate to provide access from South Street (see slides 17 & 18)



WORK SUBJECT TO CHANGE

#### Water Main Installation in Water Street and Gouverneur Slip E:







WORK SUBJECT TO CHANGE

#### 4. PC sewer installation (in progress)

Construction Impact	Mitigation
Two private trees removed	Two trees to be planted by NYC DPR on sidewalk
Removed speed bump	New speed bump will be installed during permanent road restoration
Removal of private fence	Reinstalled private fence after sewer installation
Road closures & traffic restrictions	<ul> <li>Adequate numbers of flaggers to manage traffic and detours</li> <li>Coordinated with DOT, FDNY, NYPD, Sanitation, other city agencies</li> </ul>
Parking Lot #6 access restriction	Installed additional gate to provide access from South Street (see slides 17 & 18)



WORK SUBJECT TO CHANGE

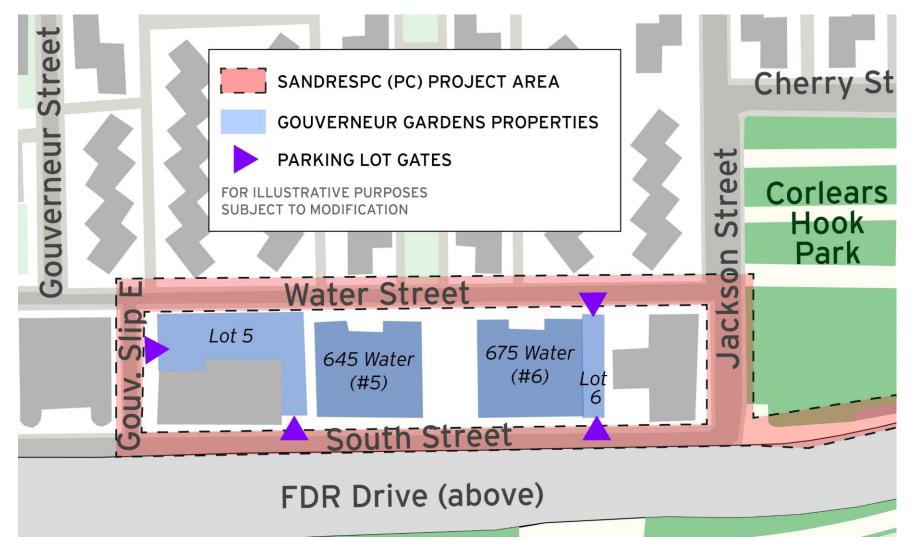
New Parallel Conveyance Sewer Installation in Water Street and Gouverneur Slip E:





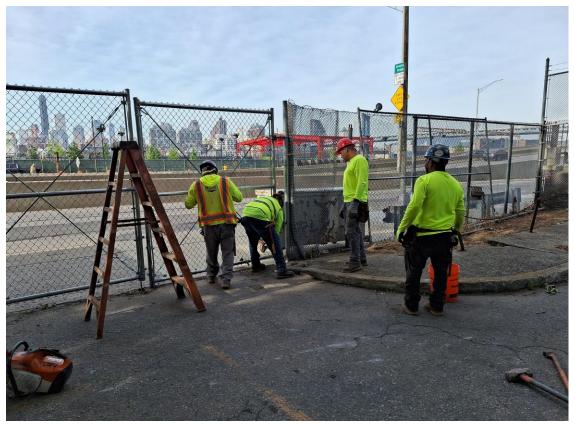
WORK SUBJECT TO CHANGE

#### Parking Lot 5 and 6 Access:



WORK SUBJECT TO CHANGE

#### **Parking Lot 5 Access on South Street:**



#### **Restoration of Lot 5 Fence on Water Street:**

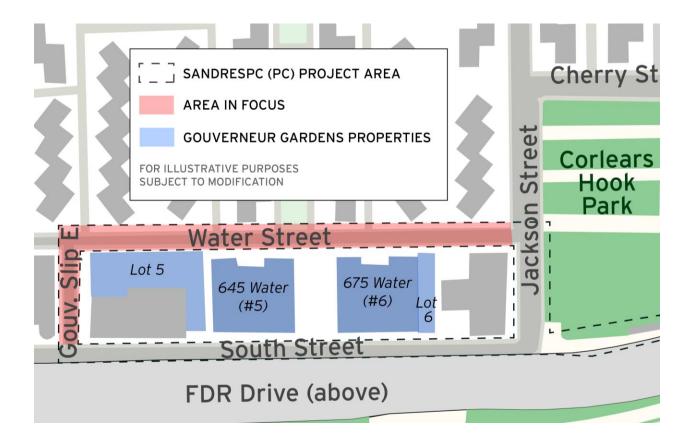








- **1.** Surface Restoration: Gouverneur Slip E. to Water St.
  - Restoration expected to begin mid- to late-March
  - Estimated duration: 4 weeks, including trench and sidewalk restoration
  - Full restoration expected to be completed by end
     of April





WORK SUBJECT TO CHANGE

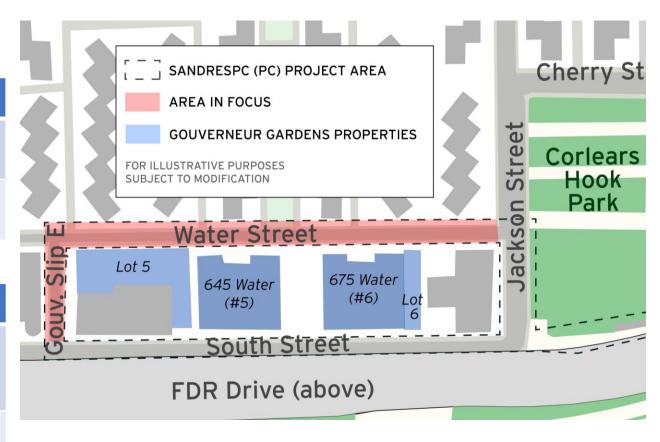
**1.** Surface Restoration: Gouverneur Slip E. to Water St.

#### Gouverneur Slip E. Restoration:

Construction Impact	Mitigation
Full daytime road closure expected	Emergency services will be coordinated
Street parking temporarily restricted	GG lot #5 will be accessed via South Street

#### Water Street Restoration:

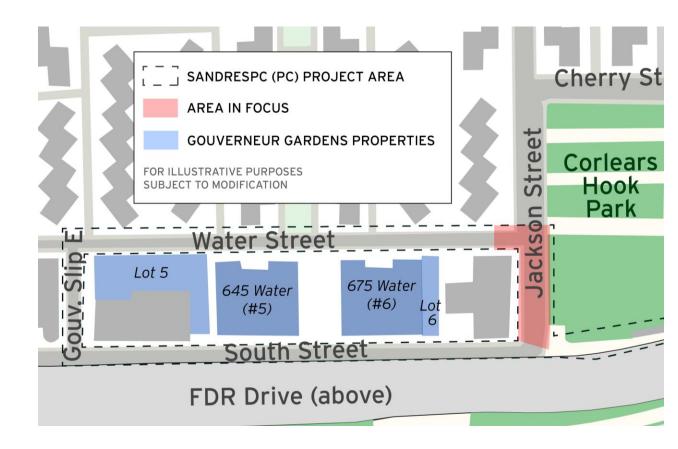
Construction Impact	Mitigation
Roadway to be closed in halves	Local & emergency traffic maintained on open half, GG lot #6 will be accessed via South Street
Street parking temporarily restricted	Emergency access will be coordinated





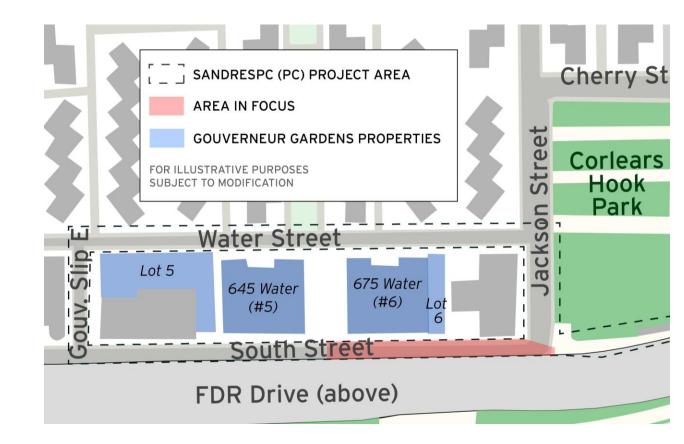
- 2. Sewer Work: Jackson St. & Water St.
  - Construction expected to resume mid-February, depending on Con Edison's removal of cables
  - Estimated duration: 12 weeks for underground work, followed by restoration
  - Restoration within park and restoration of sidewalk on park side will occur at a later date

Construction Impact	Mitigation
Full daytime road closure	Emergency access will be coordinated



- **3.** Surface Restoration: South St., from Jackson St. to 675 Water (Building #6)
  - Restoration will be completed after Jackson
     Street, likely during summer
  - Estimated duration: 2 weeks

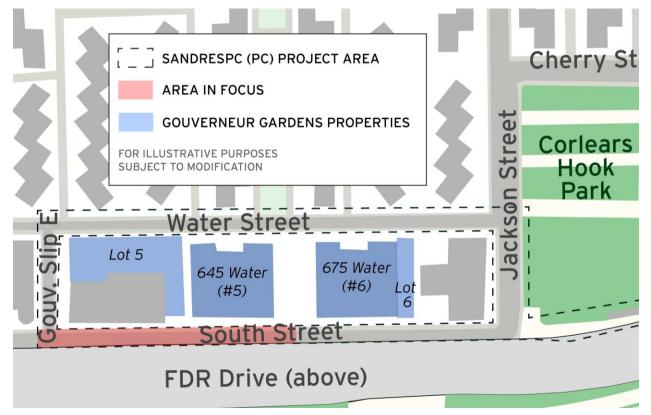
Construction Impact	Mitigation
Full daytime road closure expected	Emergency & DSNY access will be coordinated





- 4. Surface Restoration: South St., from 675 Water (Building #6) to Gouv. Slip E
  - Restoration will be completed after Jackson Street, likely during summer
  - Estimated duration: 2-3 weeks

Construction Impact	Mitigation
Trench is located near FDR Drive exit ramp	Traffic may need to be slowed and guided with flaggers
	Ramp may be fully or partially closed, which might require nightwork and traffic detours
	Emergency & DSNY access will be coordinated





## **FINAL RESTORATION LOGISTICS**

WORK SUBJECT TO CHANGE

- Sidewalks will be open to pedestrians, except for sections being restored
- Temporary pedestrian crossings will be provided during sidewalk restoration
- Planting will occur in the upcoming planting seasons, weather permitting
- A field walk with Gouverneur Gardens will be scheduled to confirm restoration of their grass strip

#### **Grass strip to be restored during final restoration:**



Pre-construction photo



#### **POINTS OF CONTACT BETWEEN GG & PC**



FAST SIDE COASTAL

RESILIENCY

Project # SANDRESPC | Borough: Manhattan | Issue Date: 01/24/2025 The East Side Coastal Resiliency (ESCR) Project is an initiative to

# **POINTS OF CONTACT BETWEEN GG & PC**

#### CCL:

- Tannia Wokoun #(914) 313-6863 ٠
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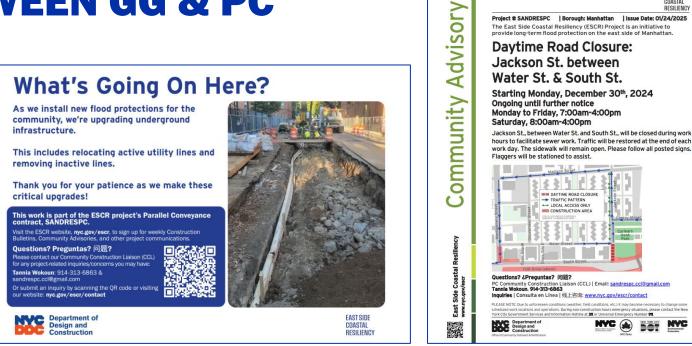
#### **Resident Engineer:**

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#### **ESCR Community Engagement Team:**

- Desiree Gazzo, dgazzo@ddccr.com .
- Ethan Kraft, ekraft@ddccr.com ٠

ESCR Inquiry Tool: <a href="http://www.nyc.gov/site/escr/contact">www.nyc.gov/site/escr/contact</a>









### QUESTIONS



