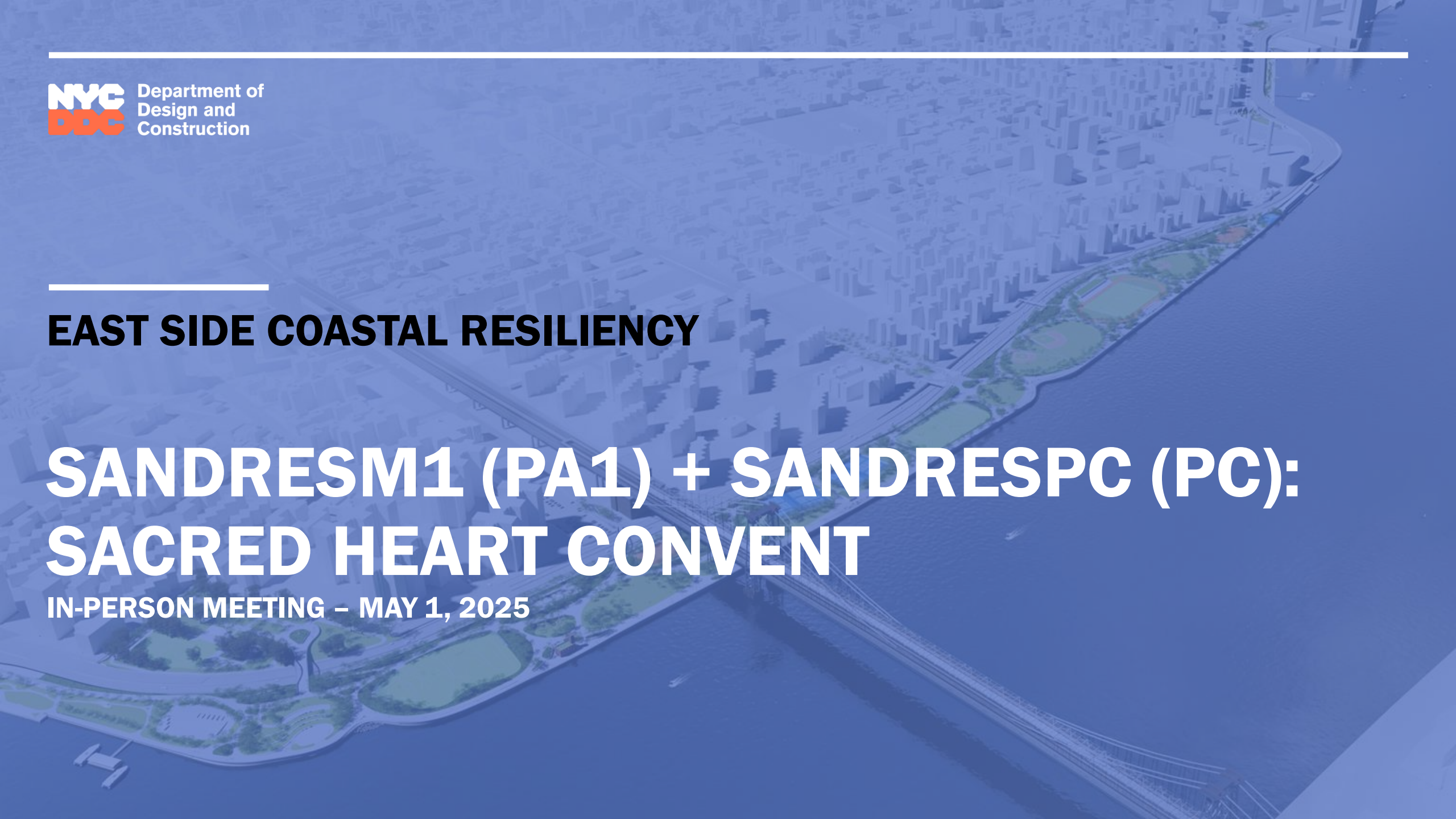
Department of Design and Construction

EAST SIDE COASTAL RESILIENCY

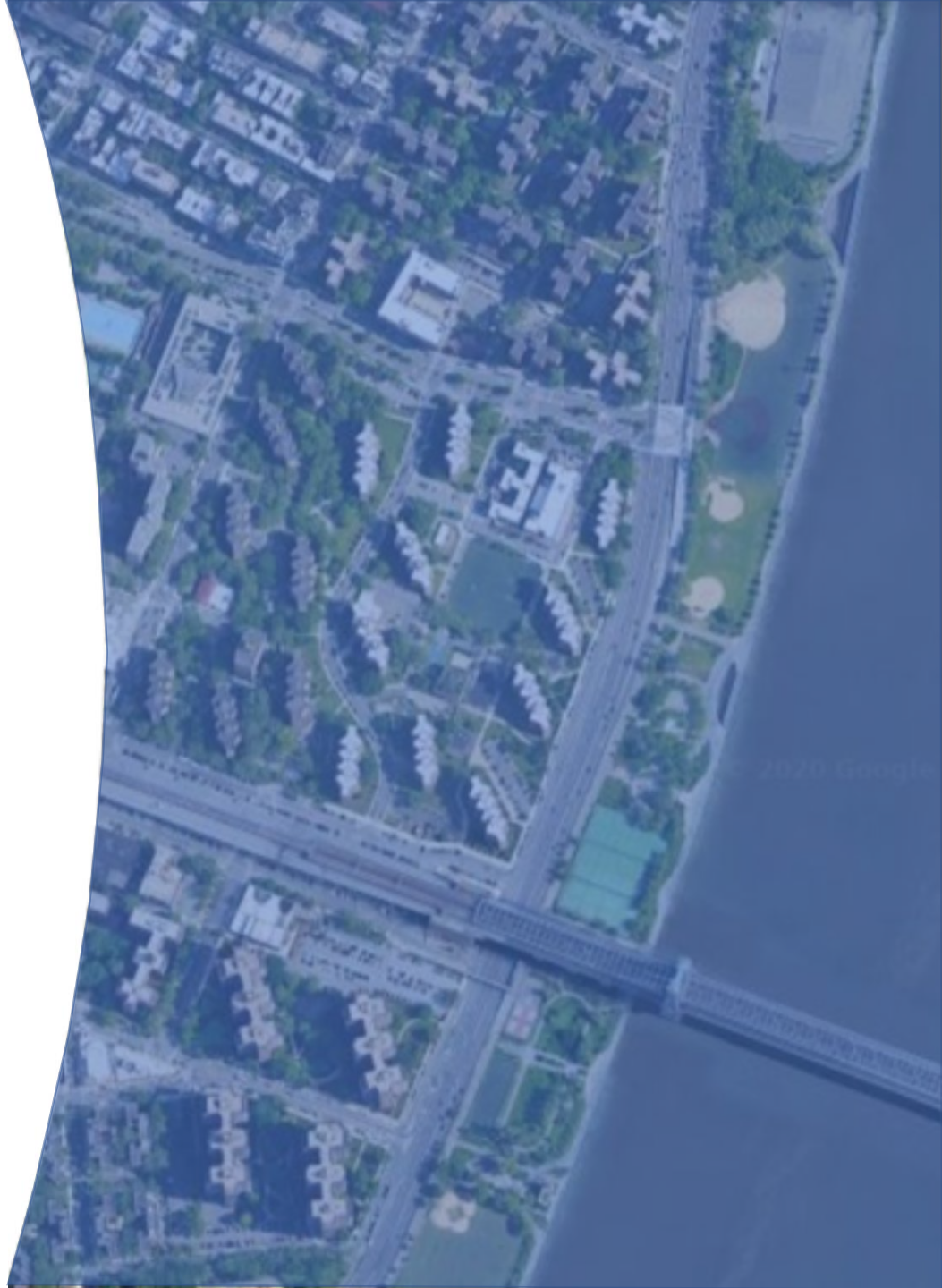
SANDRESM1 (PA1) + SANDRESPC (PC): SACRED HEART CONVENT

IN-PERSON MEETING – MAY 1, 2025



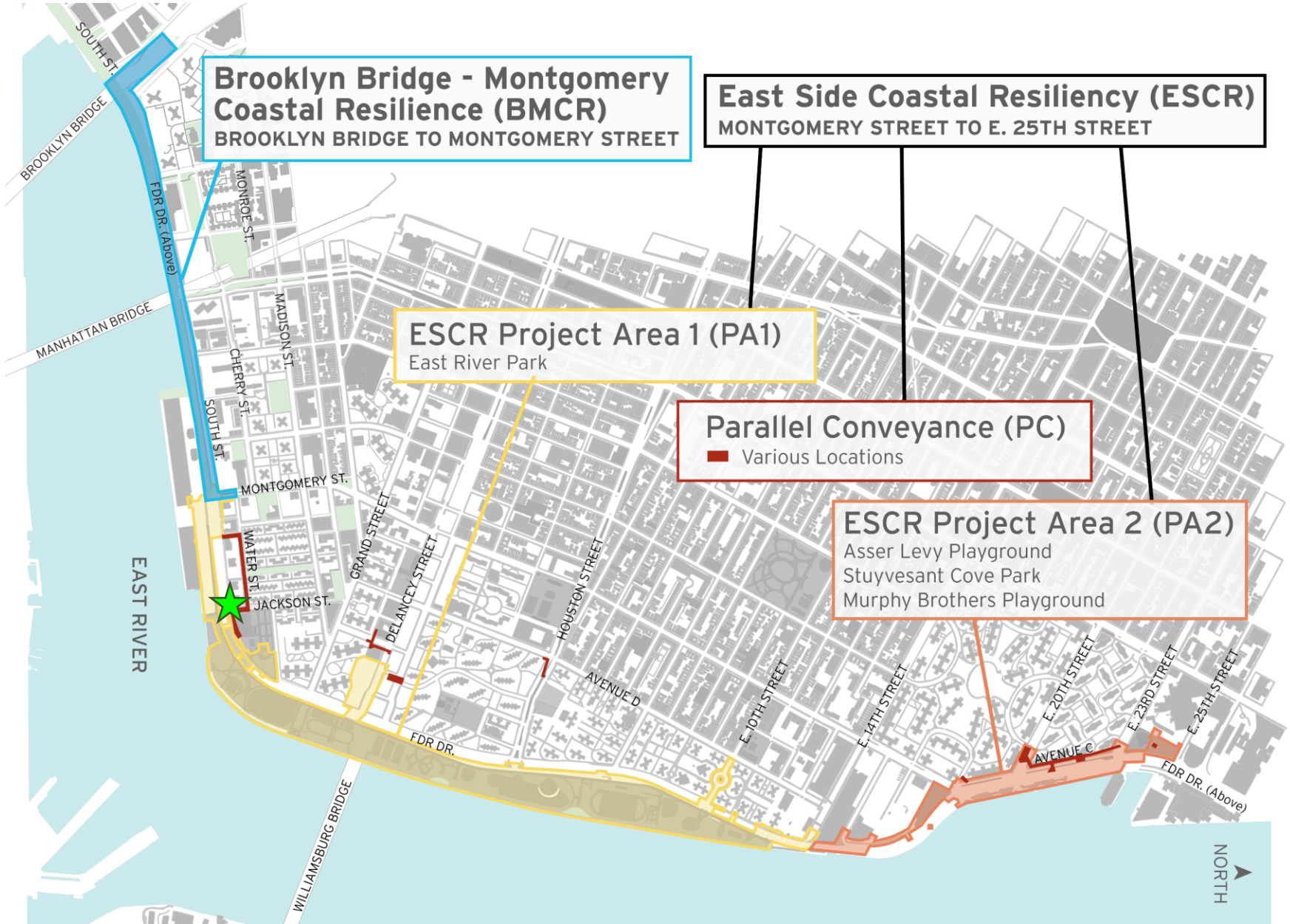
AGENDA

1. Introductions
2. Project Overview
3. Current and Upcoming Work Around Sacred Heart
4. PA1 Phasing Update
5. Community Construction Liaisons (CCLs)
6. Questions



NYC DDC Department of Design and Construction

COASTAL RESILIENCE OVERVIEW



PROJECT AREA 1 (PA1) OVERVIEW

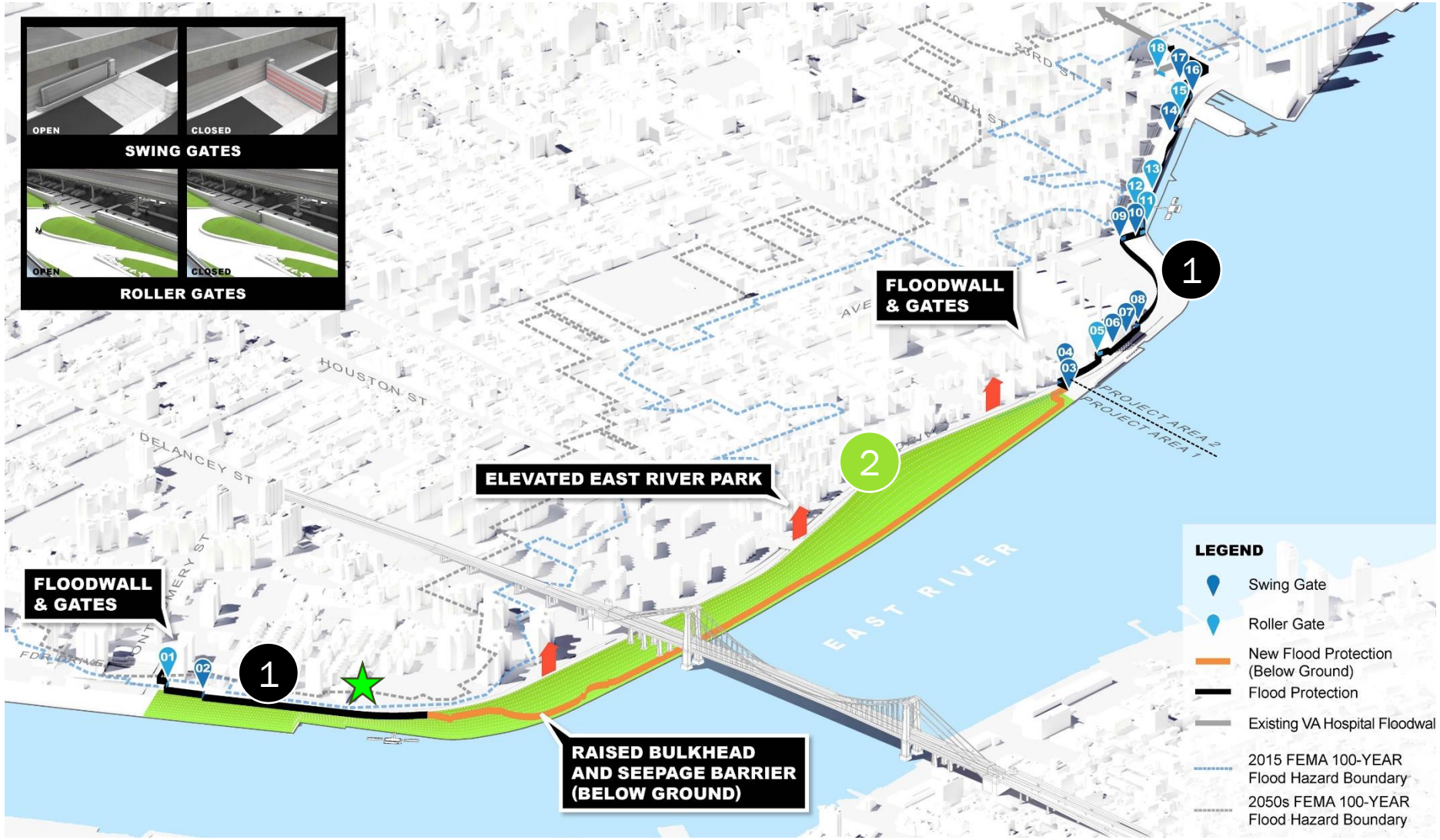
PMCM: HNTB-LiRo
Contractor: IPC Resiliency Partners
Construction Start: Fall 2021
Budget: $1.27 Billion

Limits: E 15th St. south to Montgomery St.

Scope of Work:

- Raise park 8-9 feet
- East River Park amenities
- Floodwall & gates
- Bulkhead & esplanade reconstruction
- 3 pedestrian bridges over FDR Drive
- Microtunnel under FDR Drive
- Park buildings
- All new utilities, including sewer outfalls

PROJECT AREA 1 (PA1) OVERVIEW



The elements of ESCR's **INTEGRATED flood protection**:

1. **Floodwalls & Floodgates**
2. **Raised Parkland**
3. **Interior drainage improvements** (throughout project area)

PARALLEL CONVEYANCE (PC) OVERVIEW

PMCM: STV

Contractor: NYCC-JPL JV

Construction Start: Early 2023

Budget: $155 Million

Location

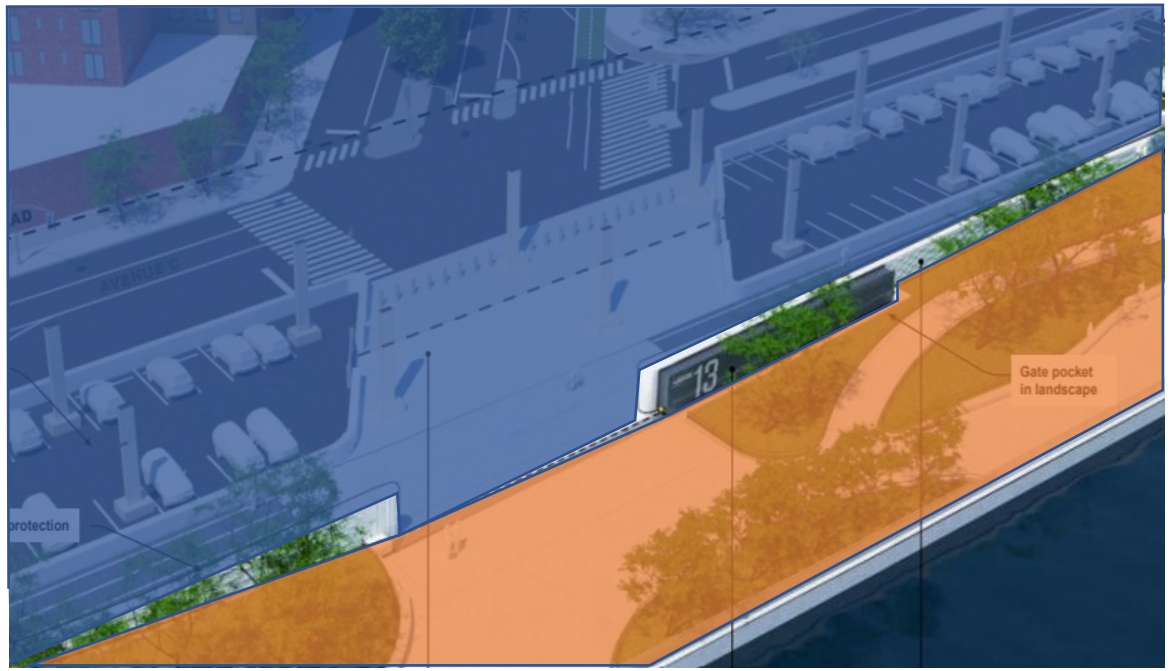
- From Montgomery Street to East
- 25th Street, Borough of Manhattan

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

PC

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



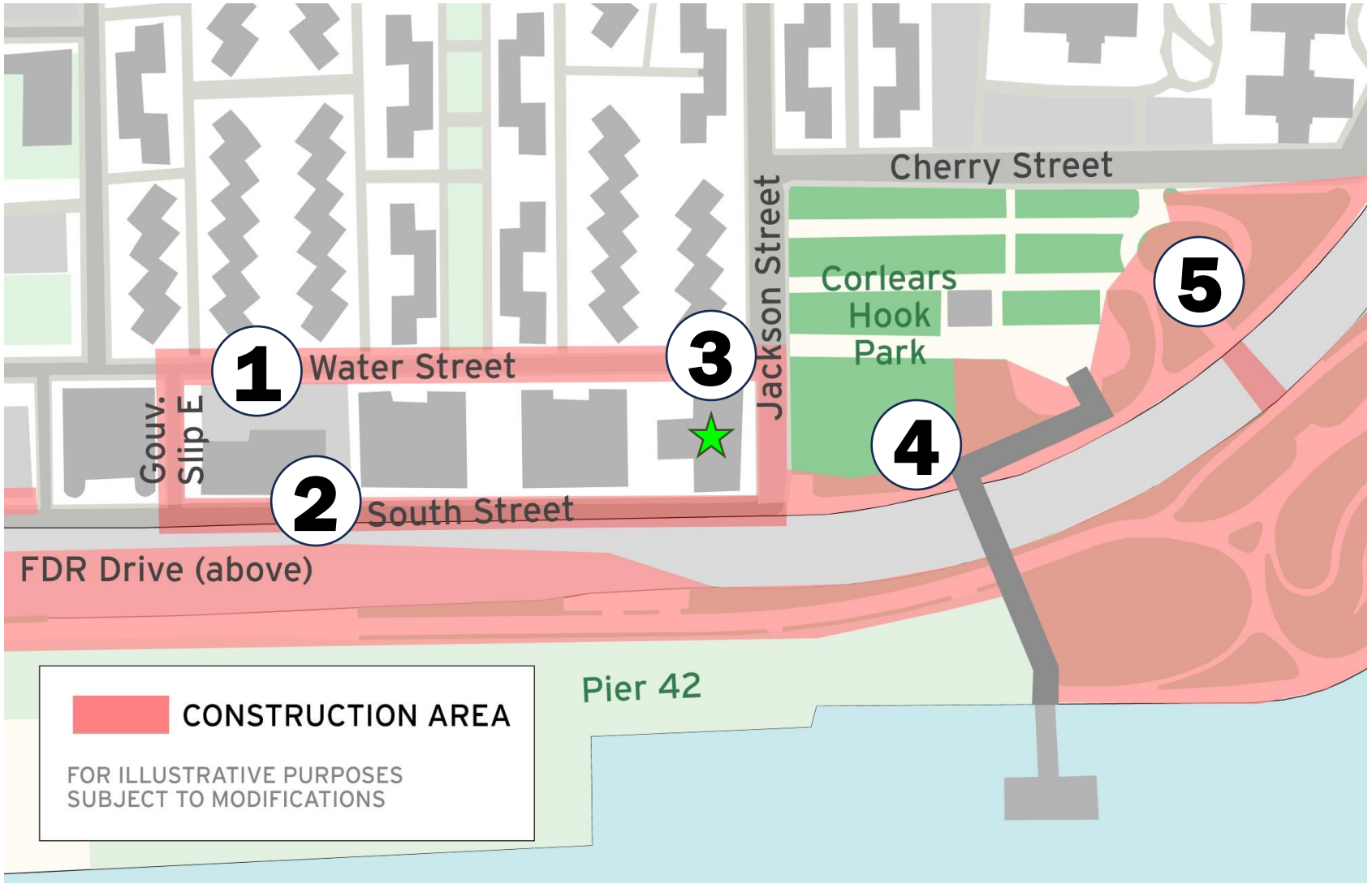
PA1 & PA2

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

ESCR OVERVIEW

ESCR ACTIVITY AROUND SACRED HEART

1. **ESCR PC** road restoration work on Water St. & Gouverneur Slip E.
2. **ESCR PC** road restoration on South St.
3. **ESCR PC** utility work on Water St./Jackson St.
4. **ESCR PC** utility work in Corlears Hook Park
5. **ESCR PA1** bridge work in Corlears Hook Park



PC | ROAD RESTORATION ON WATER ST. & GOUV. SLIP E

WORK SUBJECT TO CHANGE

1 Water St. & Gouv. Slip E

From Gouv. Slip E to Gouv. Gardens Lot 6

First steps: Concrete road base installed

- Requires time to cure & gain strength
- Gouv. Slip E and south side of Water St. is complete, now working on north side of Water St.
- Intermittent sidewalk closures near Vladeck, but access will always be maintained

Next steps: Asphalt installation

- Lane of traffic will be maintained
- Estimated completion: end of May, early June

Concrete base for Water St. road restoration – April 2025

Sidewalk restoration on Gouv. Slip E – March 2025

PC | ACTIVITY AROUND SACRED HEART

WORK SUBJECT TO CHANGE

2 Road Restoration on South St.

First steps: Concrete road base installed

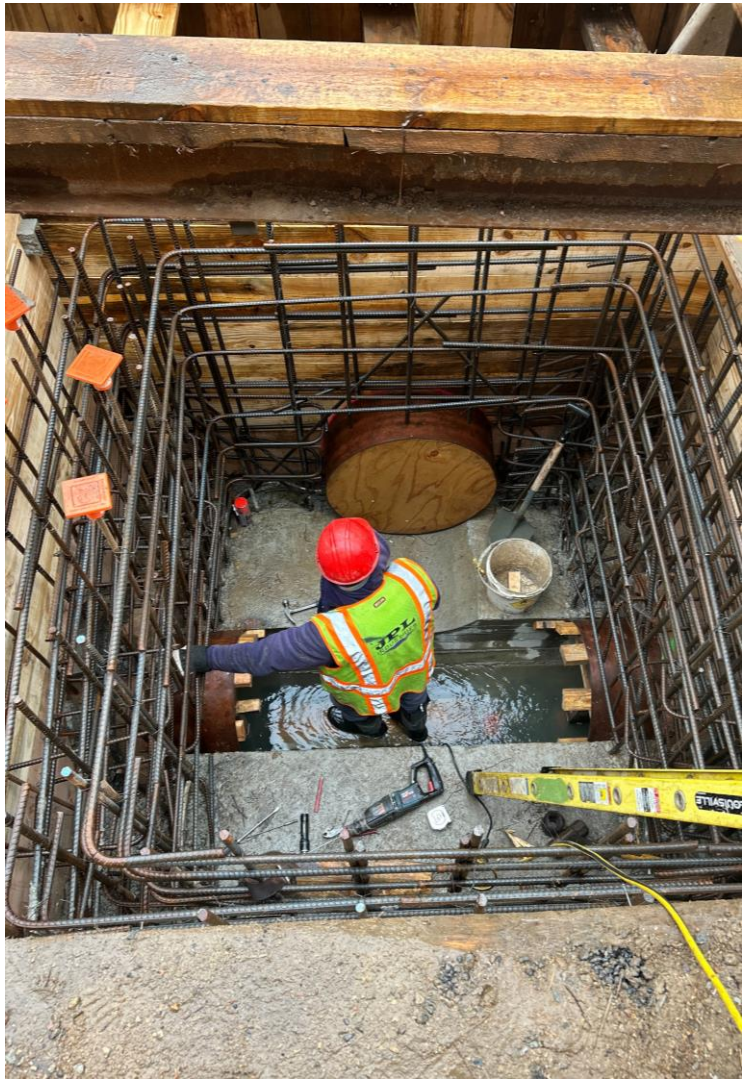
- Estimated to begin towards end of May

Next steps: Asphalt installation

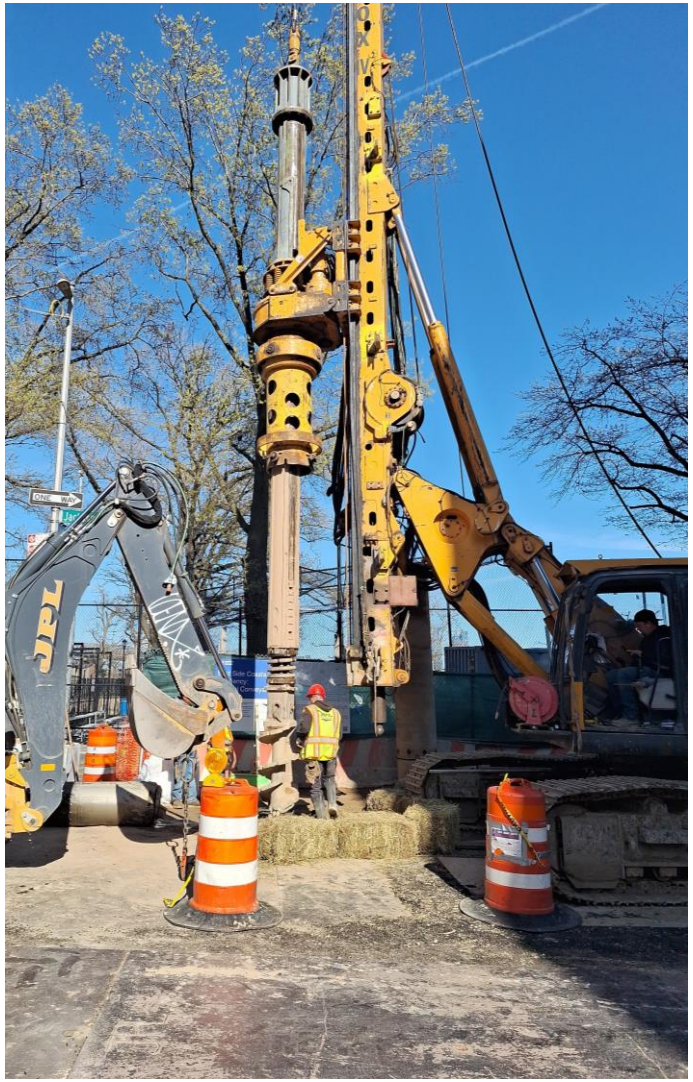
Will be performed in two sections

3 Sewer installation on Jackson St. (and intersection at Water St.)

- Excavation for deep sewer began this week
- Daytime road closures ongoing



Diversion chamber in Jackson St. – April 2025



Well point drilling in Jackson St. – April 2025

ESCR | ACTIVITY IN CORLEARS HOOK PARK

WORK SUBJECT TO CHANGE

4 PC: ongoing utility relocation

- Staging equipment and relocating utilities

5 PA1: park finishes

- Corlears Hook Bridge and flagpole area expected to open around Labor Day!

Trees installed at Corlears Hook Park flagpole area – April 2025

ESCR | CORLEARS HOOK BRIDGE & PARK RENDERINGS

WORK SUBJECT TO CHANGE

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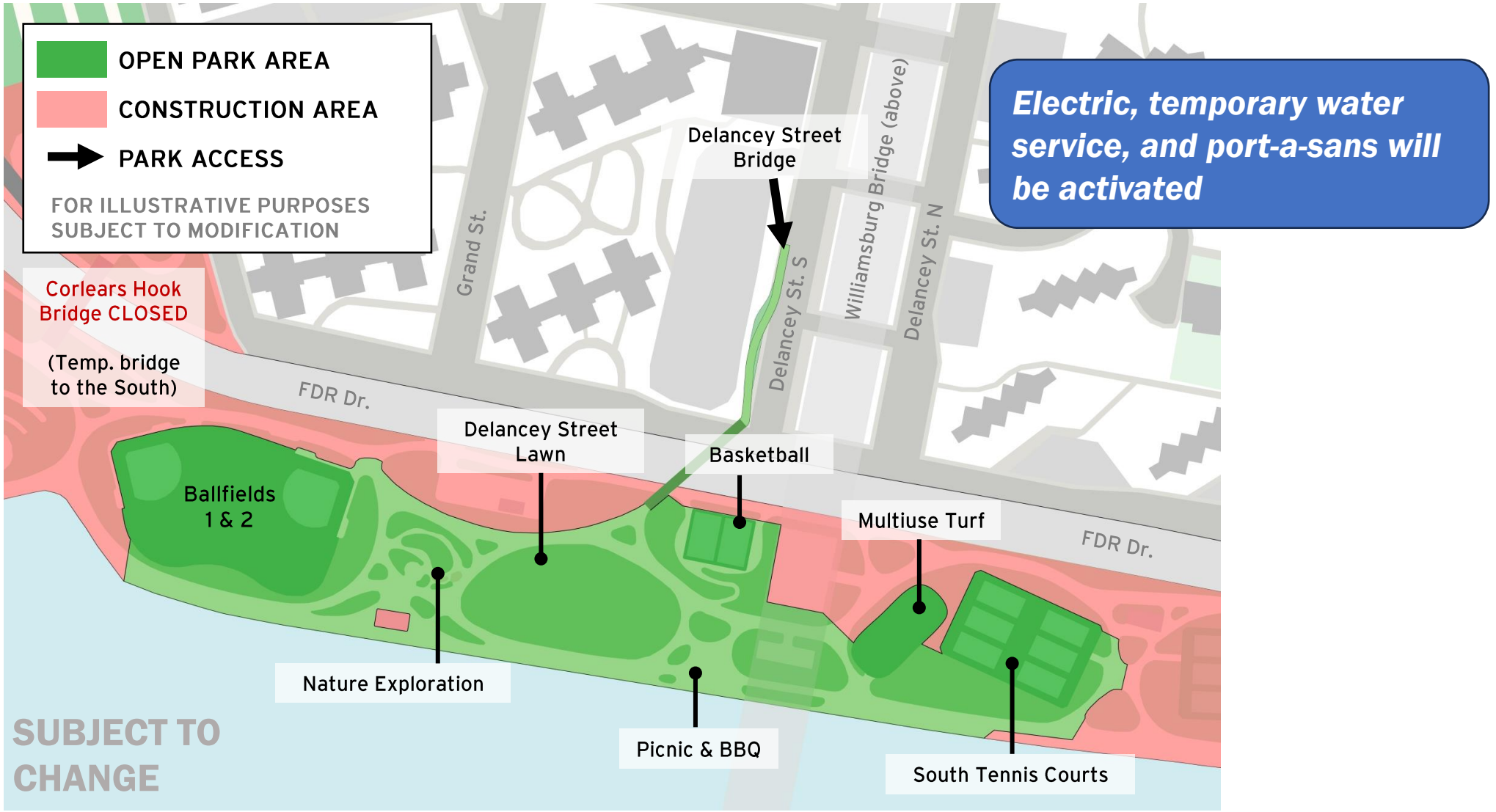
WORK SUBJECT TO CHANGE

ESCR | PHASE 1 OPENINGS | MAY 26, 2025

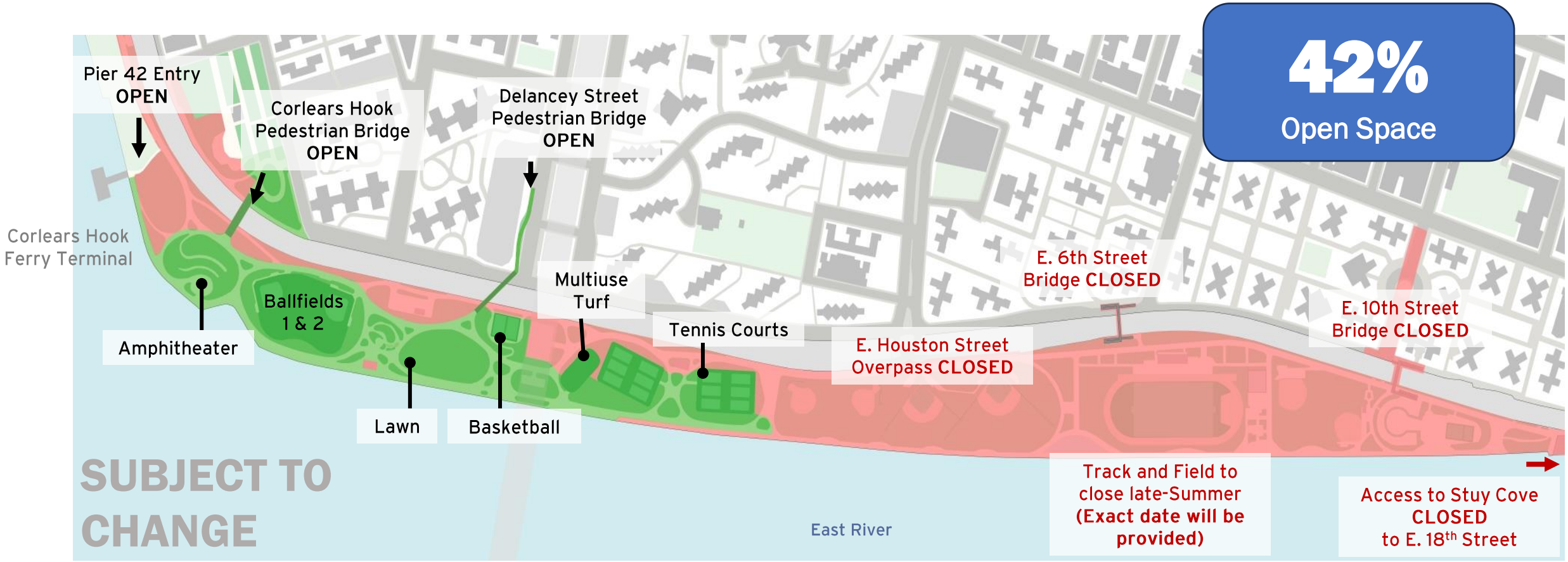
WORK SUBJECT TO CHANGE



Electric, temporary water service, and port-a-sans will be activated

ESCR | FULL PHASE 2 TRANSITION | LATE SUMMER 2025

WORK SUBJECT TO CHANGE



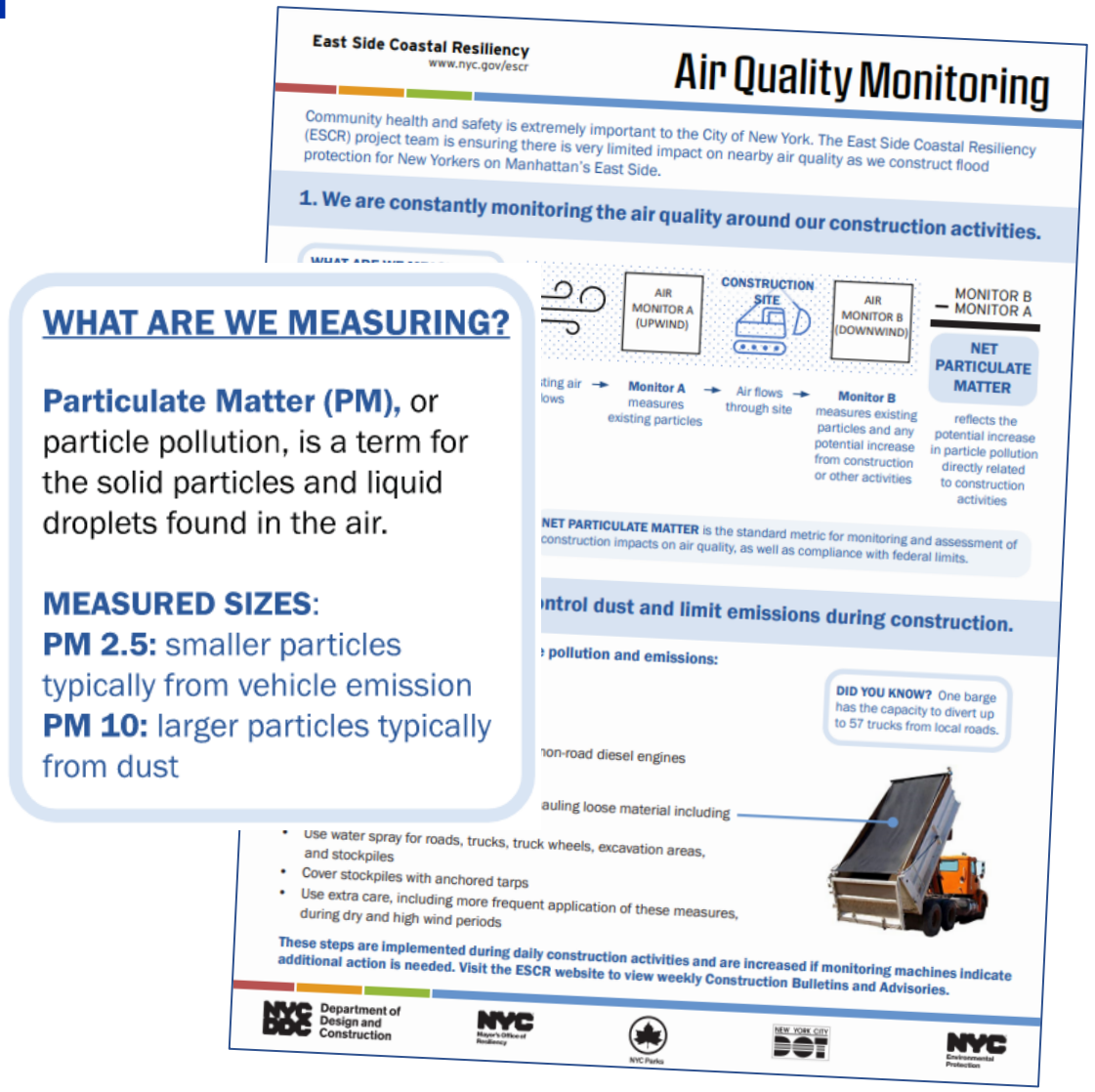
ESCR | VIBRATION MONITORING

- Vibrations at critical structures are monitored during **installation of piles, sheet piles, and jet grouting**
- **Allowable limit of vibration:** 0.5-inch per second in particle velocity above ambient level
- **Critical structures under PA1 include *but are not limited to*:**
  - Transportation: elevated FDR Drive, Williamsburg Bridge, Houston Street over FDR Drive, 6th Street pedestrian bridge, L-train tunnel
  - Housing: Jacob Riis Houses, Gouverneur Gardens, former Gouverneur Hospital and Dispensary, East River Housing
  - Other: Con Edison conveyor tunnel, Fireboat House, Public School 110

While vibrations can be unsettling to people, buildings are designed to withstand a high degree of vibration

ESCR | AIR QUALITY MONITORING

- Air and noise monitors are active **24 hours/day, 7 days/week**
- The project follows all federal, state and local guidelines. To date, construction activities have not exceeded National Ambient Air Quality Standards
- Monitoring machines are on site to measure particles from construction vehicle emissions and dust as well site conditions such as wind speed and temperature
- These machines are placed strategically along the edge of active construction activities
- **Environmental monitoring reports are posted to our website:** https://on.nyc.gov/4brlXjG



COMMUNITY CONSTRUCTION LIAISONS

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ESCR Inquiry Tool: www.nyc.gov/site/escr/contact

Brooklyn Bridge – Montgomery Coastal Resilience:

- Marsha Guido #(347) 538-4266
- Email: bmcr.ccl@gmail.com

BMCR Inquiry Tool: https://www.nyc.gov/site/lmcr/progress/contact.page

ESCR Inquiry Tool

nyc.gov/escr/contact

QUESTIONS