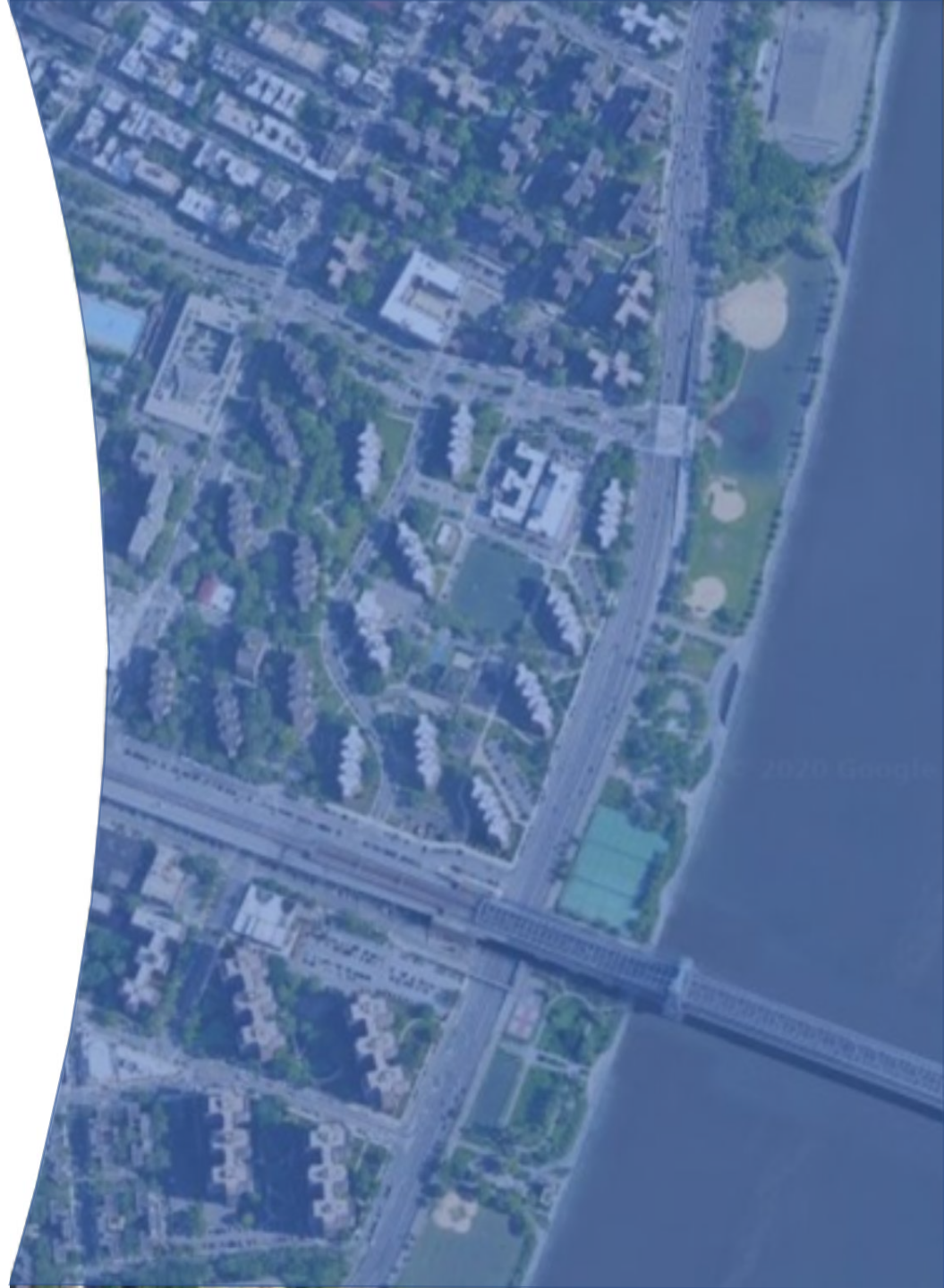

EAST SIDE COASTAL RESILIENCY

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

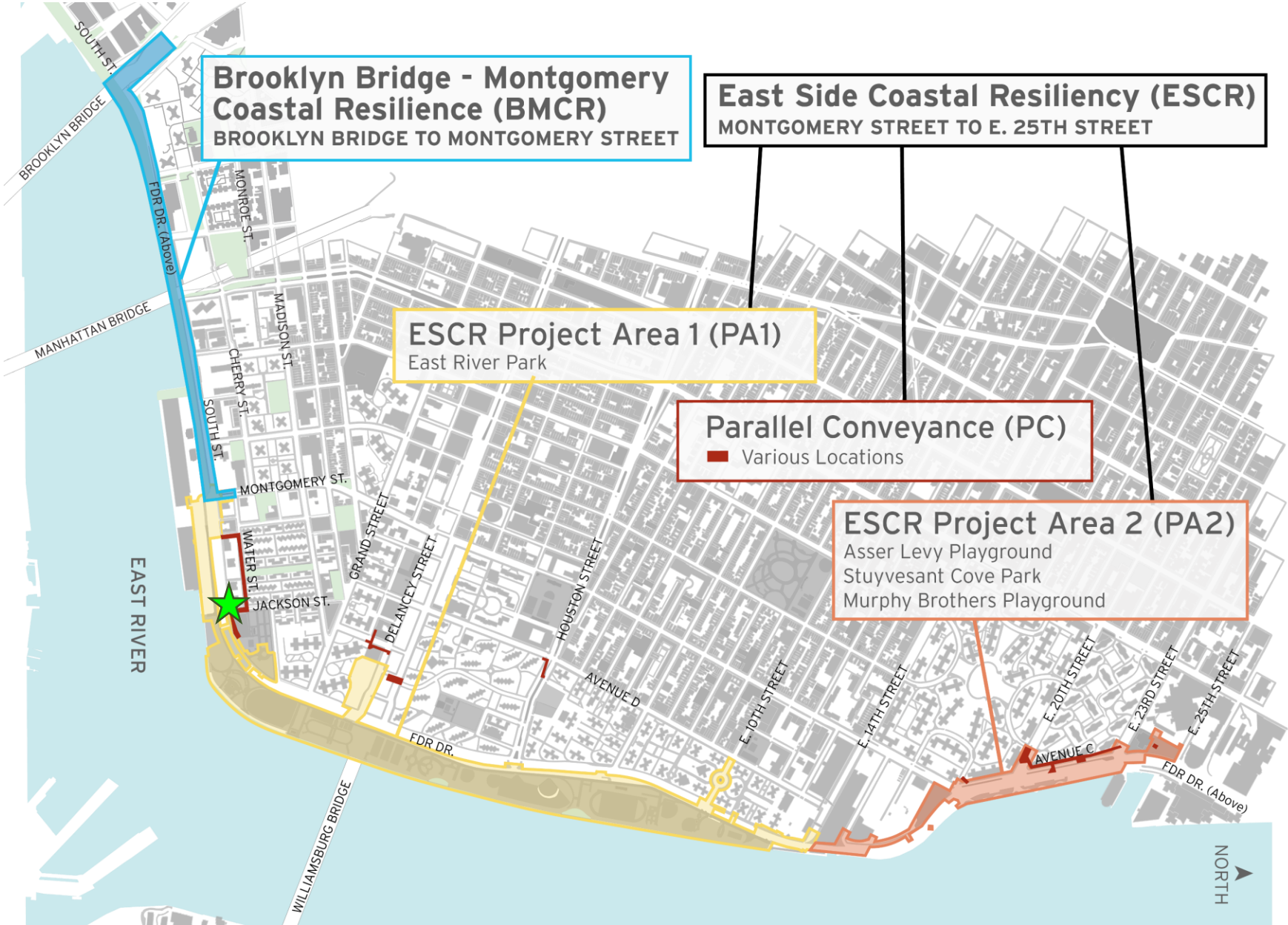
IN-PERSON MEETING – MAY 1, 2025

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



COASTAL RESILIENCE OVERVIEW



PROJECT AREA 1 (PA1) OVERVIEW

PMCM: HNTB-LiRo

Contractor: IPC Resiliency Partners

Construction Start: Fall 2021

Budget: \$1.27 Billion

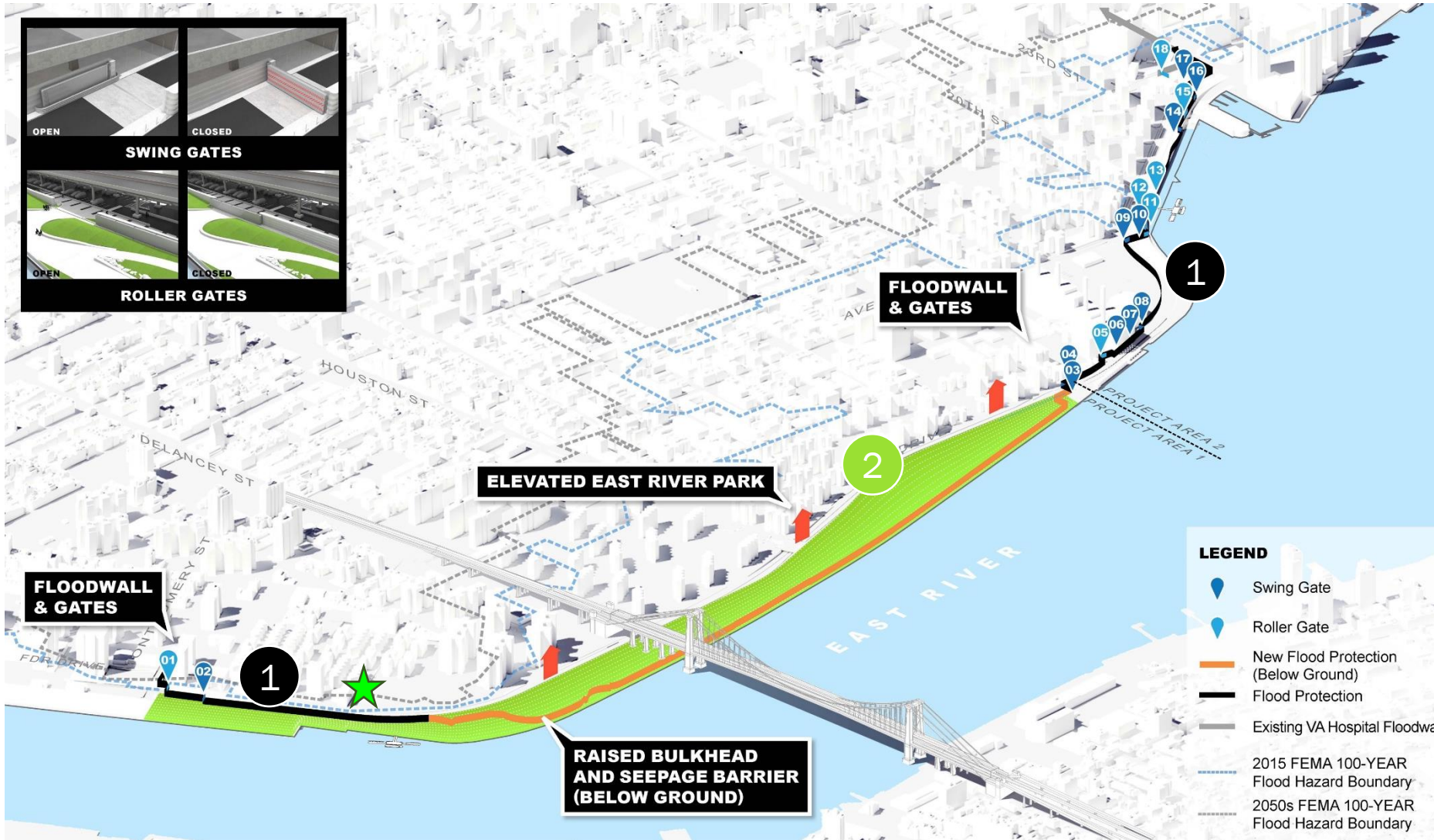
Limits: E 15th St. south to Montgomery St.

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

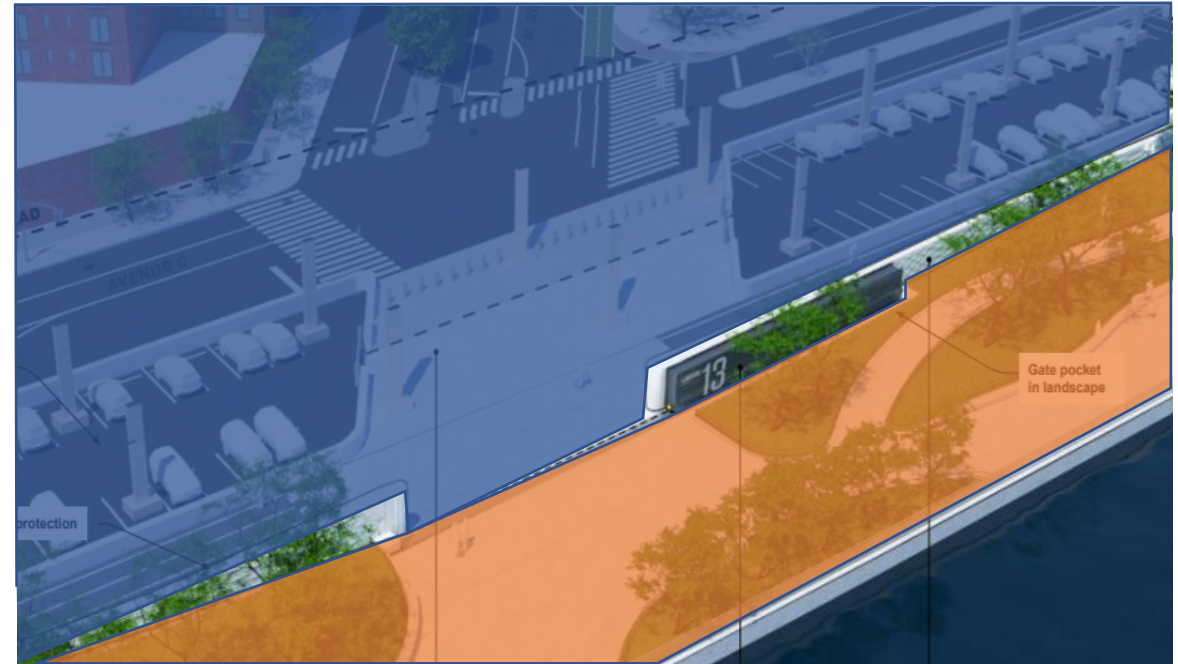
- From Montgomery Street to East
- 25th Street, Borough of Manhattan

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



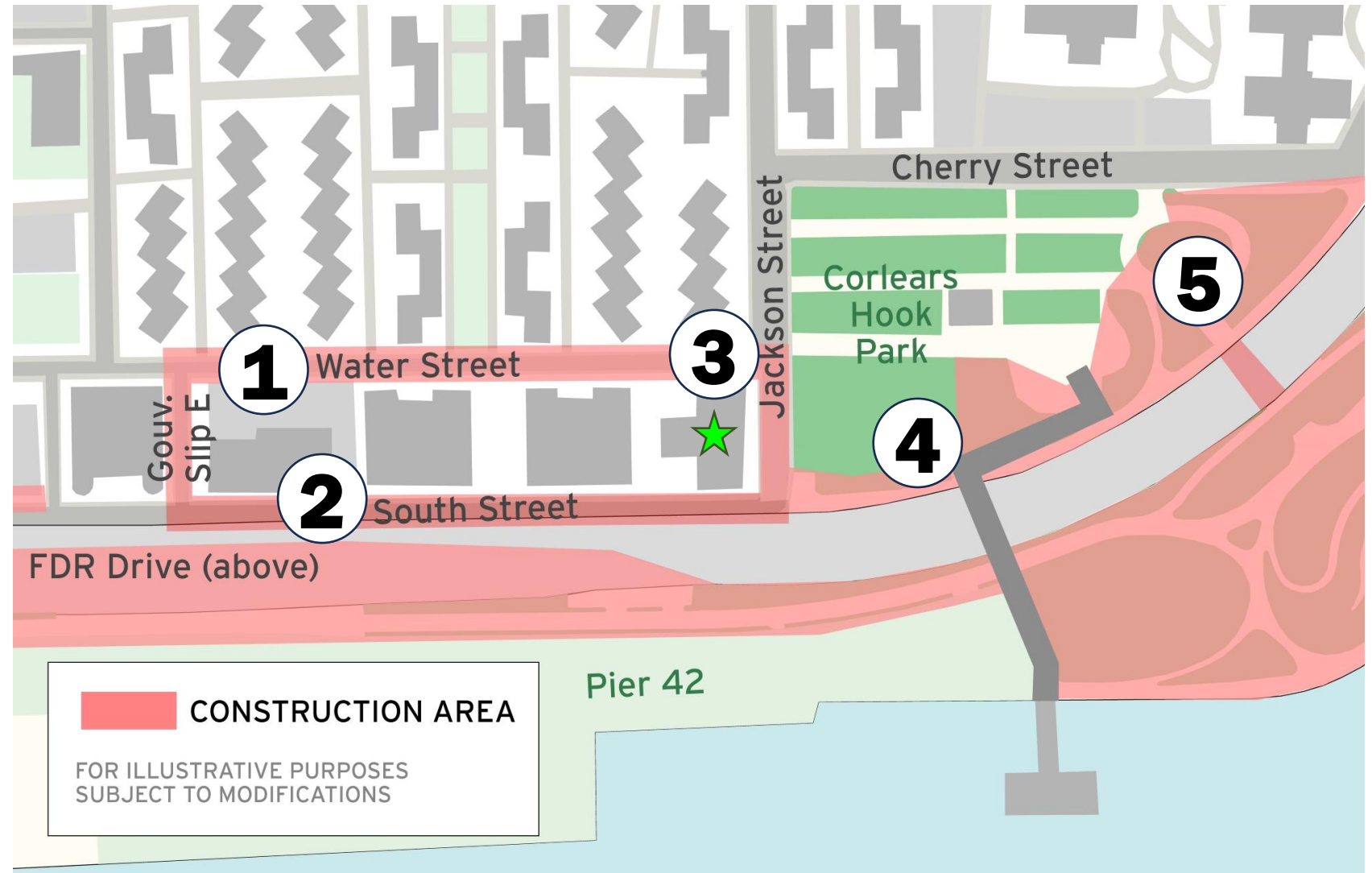
PA1
&
PA2

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

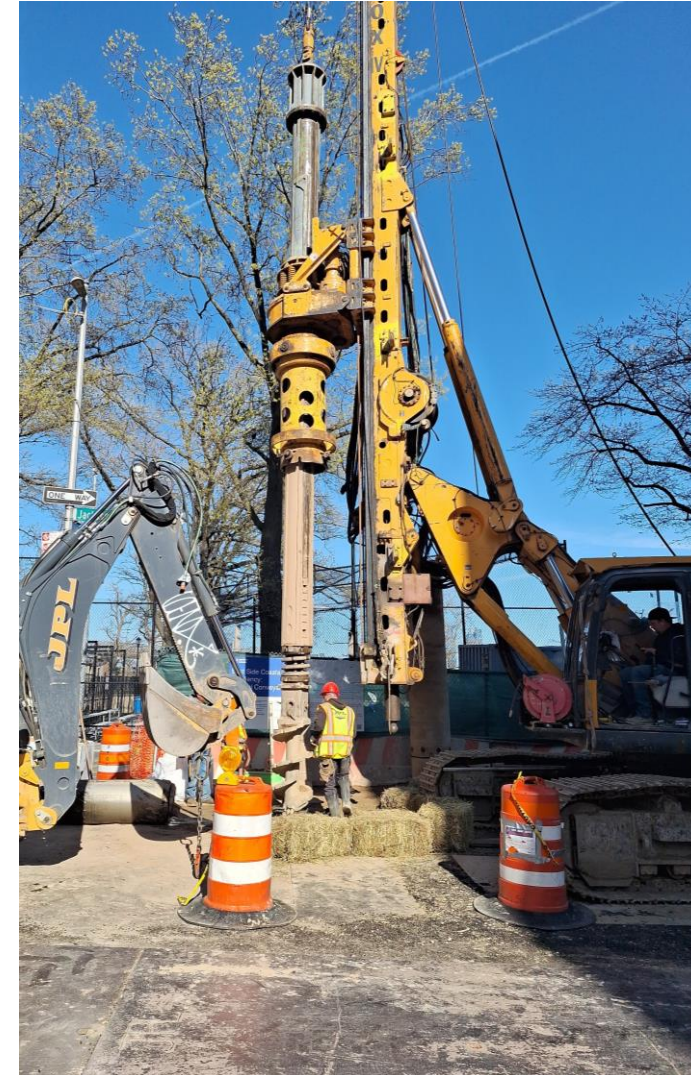
Will be performed in two sections

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



ESCR | CORLEARS HOOK BRIDGE & PARK RENDERINGS

WORK SUBJECT TO CHANGE



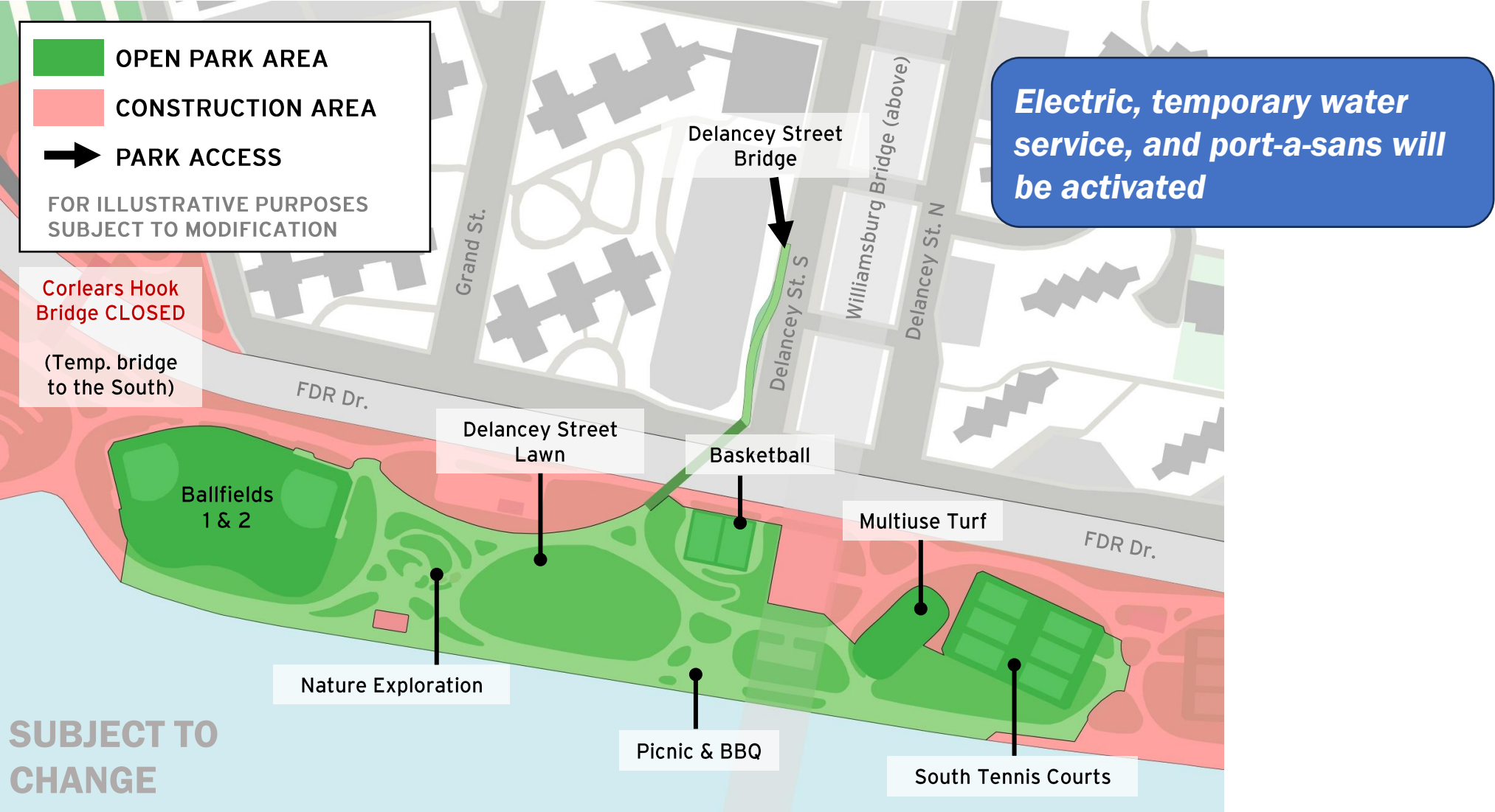
ESCR | CORLEARS HOOK BRIDGE & PARK RENDERINGS

WORK SUBJECT TO CHANGE



ESCR | PHASE 1 OPENINGS | MAY 26, 2025

WORK SUBJECT TO CHANGE



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/4brIXjG>

East Side Coastal Resiliency
www.nyc.gov/escr

Air Quality Monitoring

Community health and safety is extremely important to the City of New York. The East Side Coastal Resiliency (ESCR) project team is ensuring there is very limited impact on nearby air quality as we construct flood protection for New Yorkers on Manhattan's East Side.

1. We are constantly monitoring the air quality around our construction activities.

WHAT ARE WE MEASURING?

Particulate Matter (PM), or particle pollution, is a term for the solid particles and liquid droplets found in the air.

MEASURED SIZES:
PM 2.5: smaller particles typically from vehicle emission
PM 10: larger particles typically from dust

Diagram: AIR MONITOR A (UPWIND) → AIR MONITOR B (DOWNWIND) → NET PARTICULATE MATTER. The diagram shows air flowing from Monitor A through the construction site to Monitor B. Monitor A measures existing particles, and Monitor B measures existing particles and any potential increase from construction or other activities. NET PARTICULATE MATTER reflects the potential increase in particle pollution directly related to construction activities.

NET PARTICULATE MATTER is the standard metric for monitoring and assessment of construction impacts on air quality, as well as compliance with federal limits.

Control dust and limit emissions during construction.

pollution and emissions:

DID YOU KNOW? One barge has the capacity to divert up to 57 trucks from local roads.

non-road diesel engines
hauling loose material including

These steps are implemented during daily construction activities and are increased if monitoring machines indicate additional action is needed. Visit the ESCR website to view weekly Construction Bulletins and Advisories.

- Use water spray for roads, trucks, truck wheels, excavation areas, and stockpiles
- Cover stockpiles with anchored tarps
- Use extra care, including more frequent application of these measures, during dry and high wind periods

Logos: NYC DDC Department of Design and Construction, NYC Mayor's Office of Resiliency, NYC Parks, NEW YORK CITY DOT, NYC Environmental Protection

COMMUNITY CONSTRUCTION LIAISONS

PARALLEL CONVEYANCE:

- Tannia Wokoun #(914) 313-6863
- Email: sandrespc.ccl@gmail.com

PROJECT AREA 1:

- Vanessa Gomez #(347) 628-8724
- Pauline Chan #(929) 717-9015
- Email: ESCRCCL1@ddccr.com

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

