



# East River Esplanade

## Phase 3

Located near E62nd-63rd St  
and E90th-96th St

**Community Board 8**  
Thursday, February 13, 2020

**Total Budget:** \$46.3m – FY17, FY18, FY19  
City Council - \$1m  
Mayor, Bill de Blasio - \$45.3m





# Goals

- Rehabilitate the existing 62<sup>nd</sup>-63<sup>rd</sup> and 90<sup>th</sup>-94<sup>th</sup> Street structures
- Extend service life by 25+ years
- Restore deteriorated elements
- Protect vulnerable elements
- Replace missing or damaged visible elements
- Replace failed structures with new resilient structures







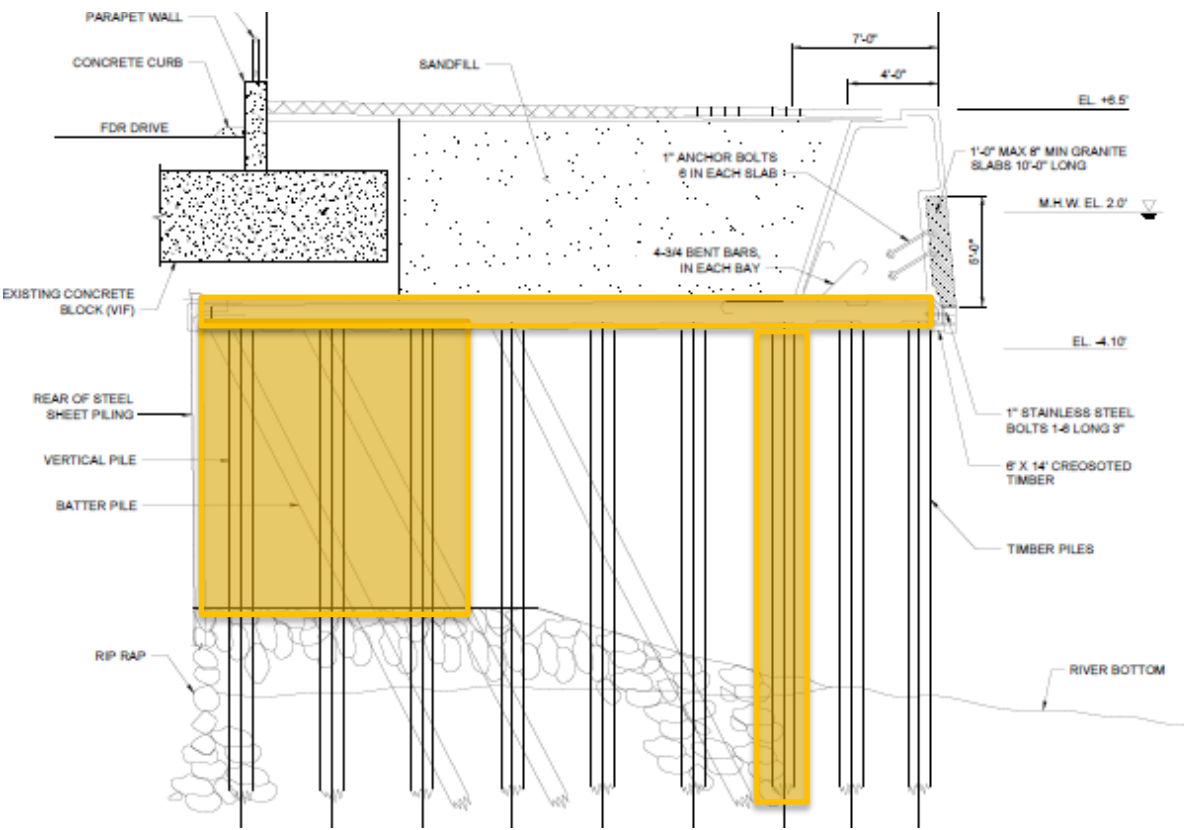
Repair Level
Level 1
Level 2
Level 3
Level 4
Reconstruction

Less Comprehensive  
Less \$



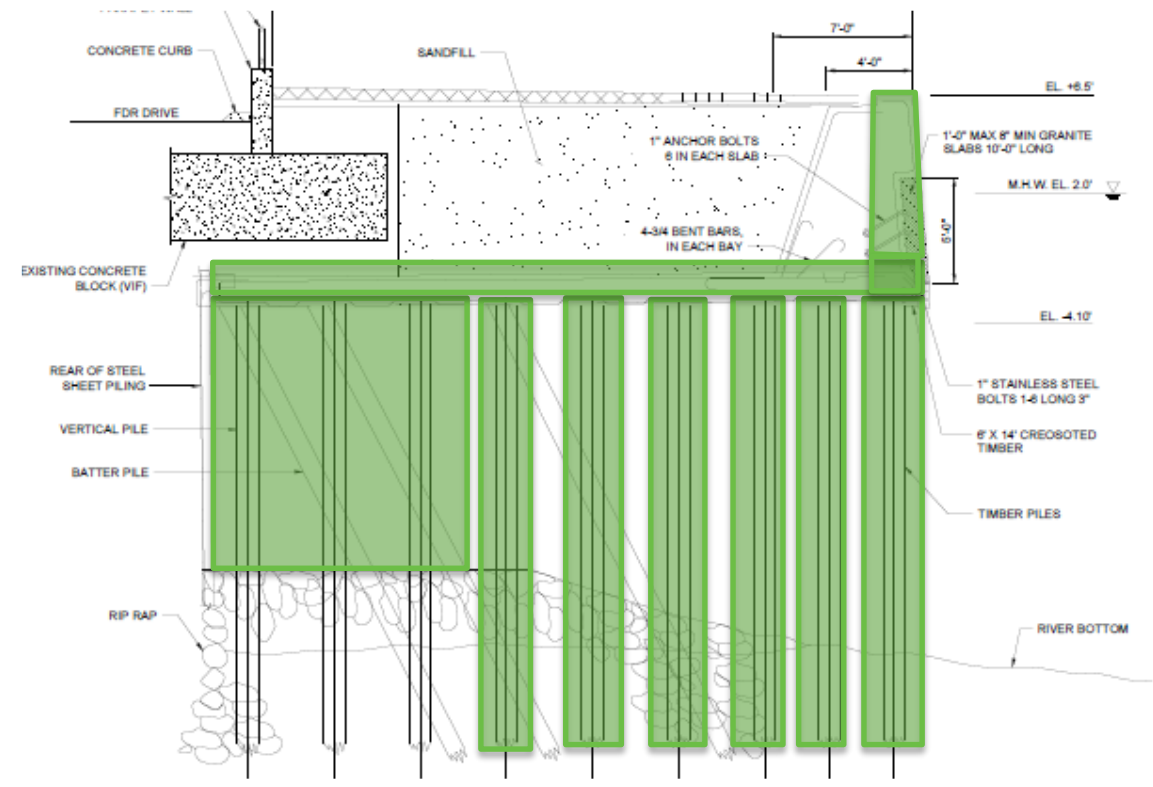
More Comprehensive  
More \$





### Original Scope (Level 1 Repairs)

Priority underdeck repairs of severe and advanced damages



### Full Repair (Level 4 Repairs)

All components brought to a state of good repair



NYC Parks

**NYC Department of Parks and Recreation**  
**East River Esplanade | Scope Updates**





<u>Location</u>	<u>Proposed Scope</u>	<u>Cost Estimate</u>	<u>Applied Funds</u>
E 90th - E 94th St	LEVEL 4 Complete Structural Repairs	<u>\$28.5M</u>	\$45.3M Mayoral  \$1M (water service @ 90 <sup>th</sup> -96 <sup>th</sup> Street) City Council  <b>Total: \$46.3M</b>
E 62nd - E 63rd St	LEVEL 4 Complete Structural Repairs	<u>\$17.8M</u>	

Actual costs and extents will be will be revised as design is completed and after construction bids.









**NYC Department of Parks and Recreation**  
**East River Esplanade | 90th-94th Project Location**





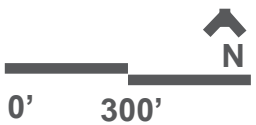
## FLOOD HAZARD ZONES

-  **ZONE AE** - 1% annual-chance flood event. BFE exists.
-  **Green**— 0.2% annual-chance flood hazard. No Base Flood Elevation (BFE) exists.



NYC Parks

**Program Name**  
**Park Name | 90th-94th Flood Risk**





## Land Use Categories

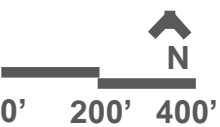
- 1 And 2 Family Residential
- Multi-Family Residential
- Mixed Use
- Open Space And Outdoor Recreation
- Commercial
- Institutional
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots



NYC Parks

**Program Name**

**Park Name | 90th-94th Surrounding Land Use**







**Asphalt Green Park**

- Soccer
- Basketball
- Play equipment
- Comfort station
- Indoor Pool
- Indoor Gym



NYC Parks

**NYC Department of Parks and Recreation**  
**East River Esplanade | 90th-94th Neighborhood Context**



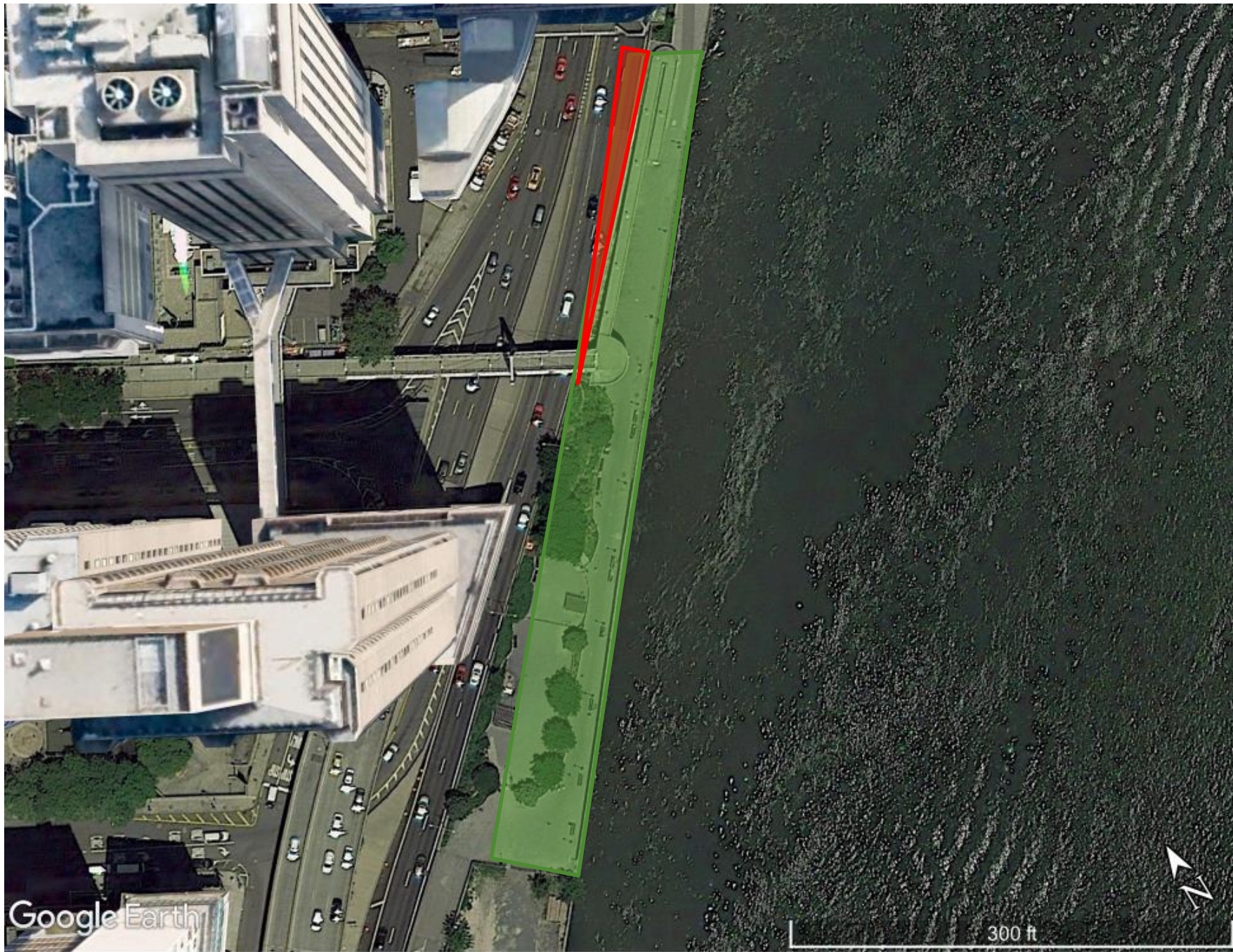




City 4 MI



Upper East Side 1000 FT



Site 300 FT



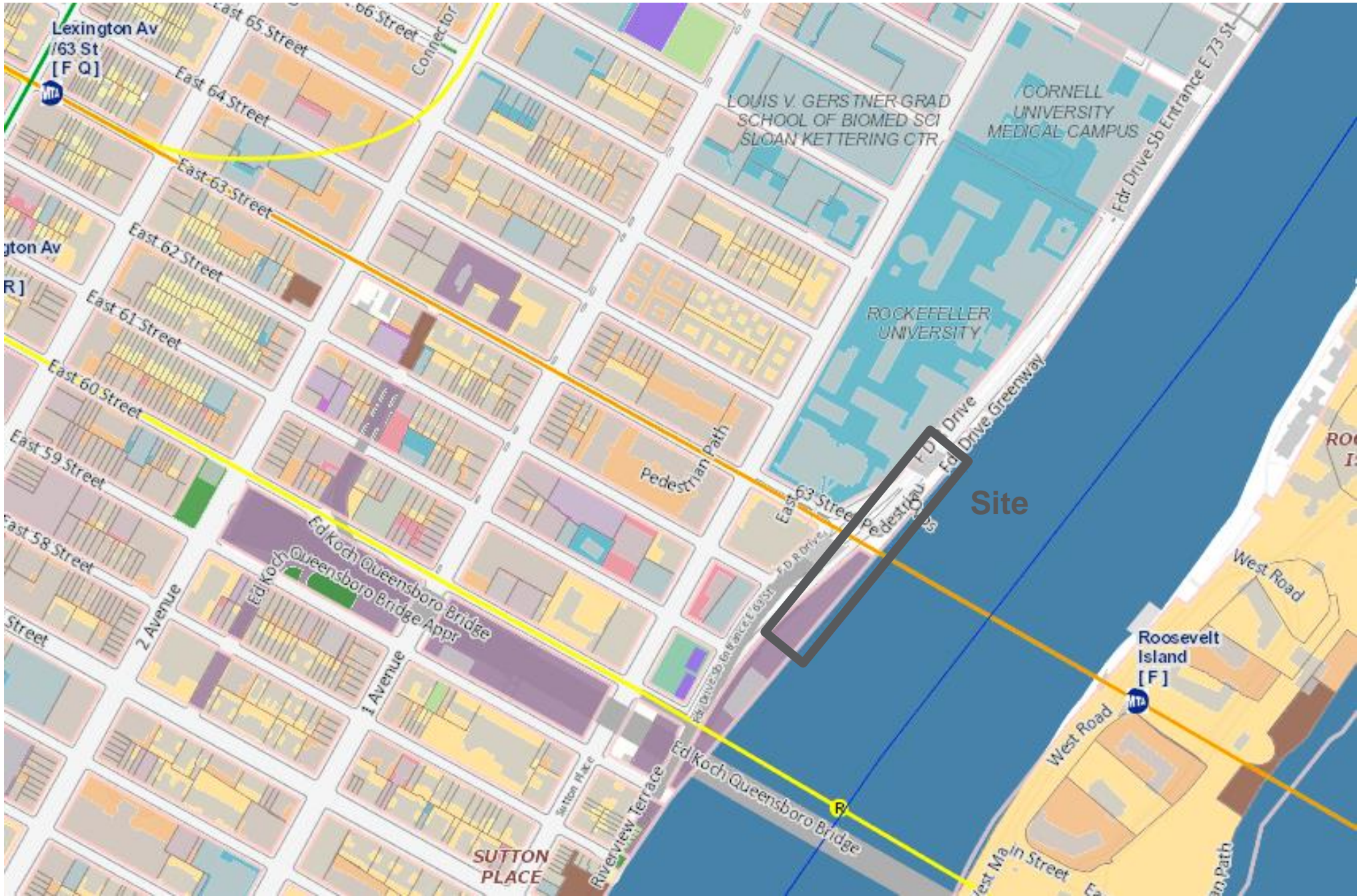
NYC Parks

**NYC Department of Parks and Recreation**  
**East River Esplanade | 62nd-63rd Project Location**



Land Use Categories

- 1 And 2 Family Residential
- Multi-Family Residential
- Mixed Use
- Open Space And Outdoor Recreation
- Commercial
- Institutional
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots



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NYC Department of Parks and Recreation  
East River Esplanade | 62nd-63rd Surrounding Land Use







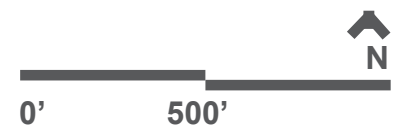
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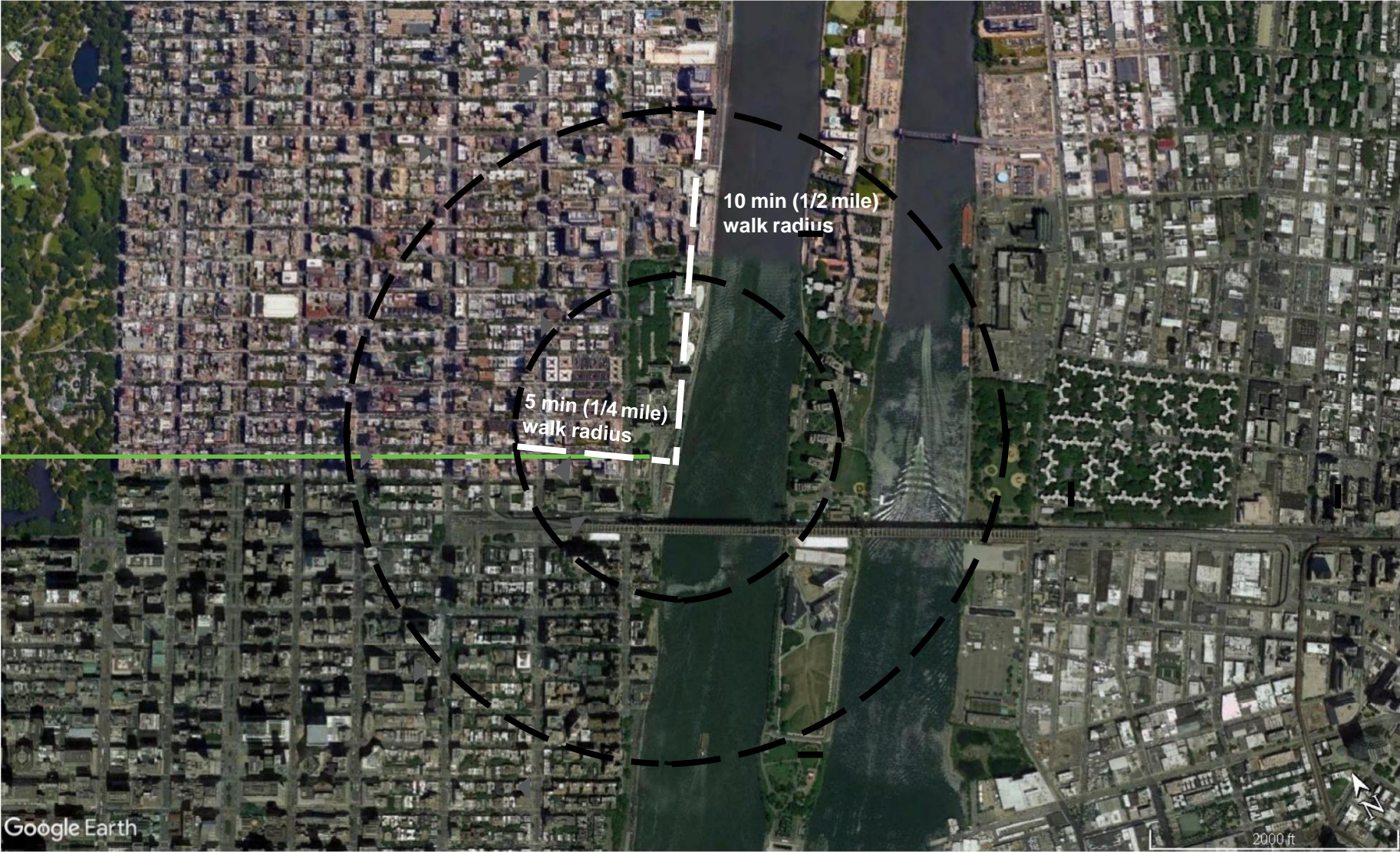
NYC Parks

**NYC Department of Parks and Recreation**  
**East River Esplanade | Flood Risk**





East River  
Esplanade Dog  
Run





# Phase 3 Scope



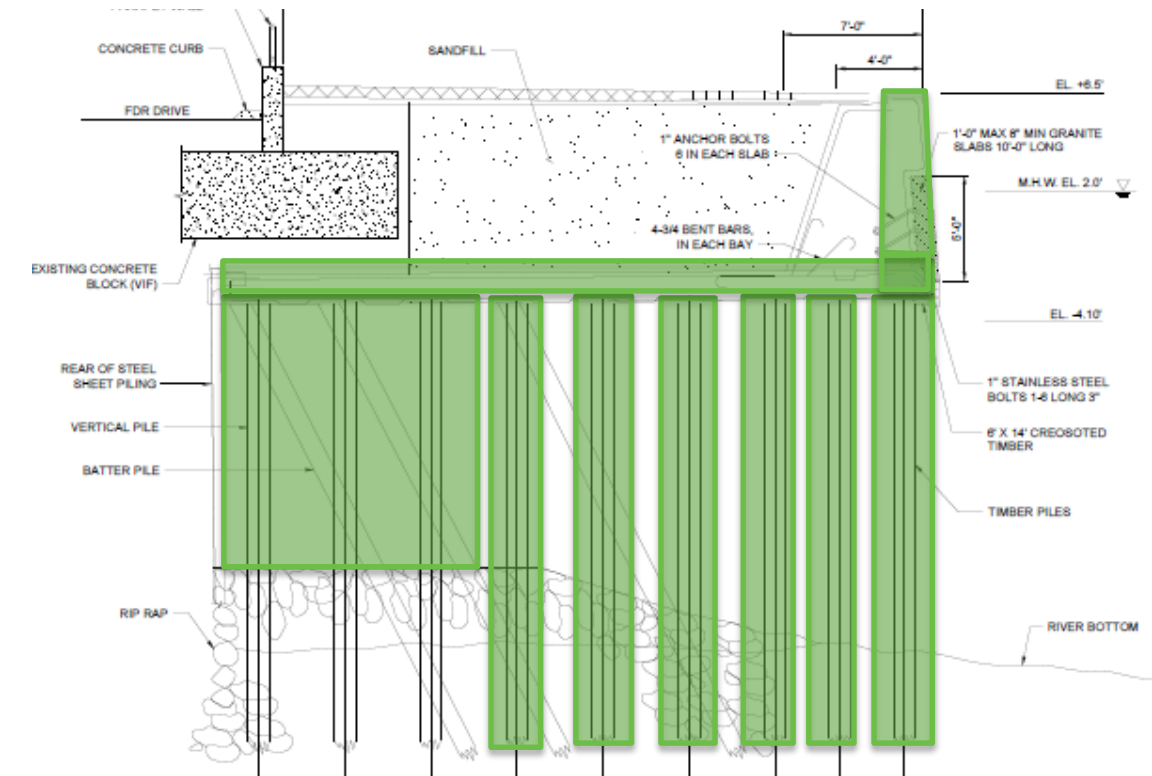
<u>Location</u>	<u>Proposed Scope</u>	<u>Cost Estimate</u>	<u>Applied Funds</u>
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E 62nd - E 63rd St	LEVEL 4 Complete Structural Repairs	<u>\$17.8M</u>	

Actual costs and extents will be will be revised as design is completed and after construction bids.





# Typical Repairs



## Full Repair

All components brought to a state of good repair



East River Esplanade Task Force  
January 23, 2020



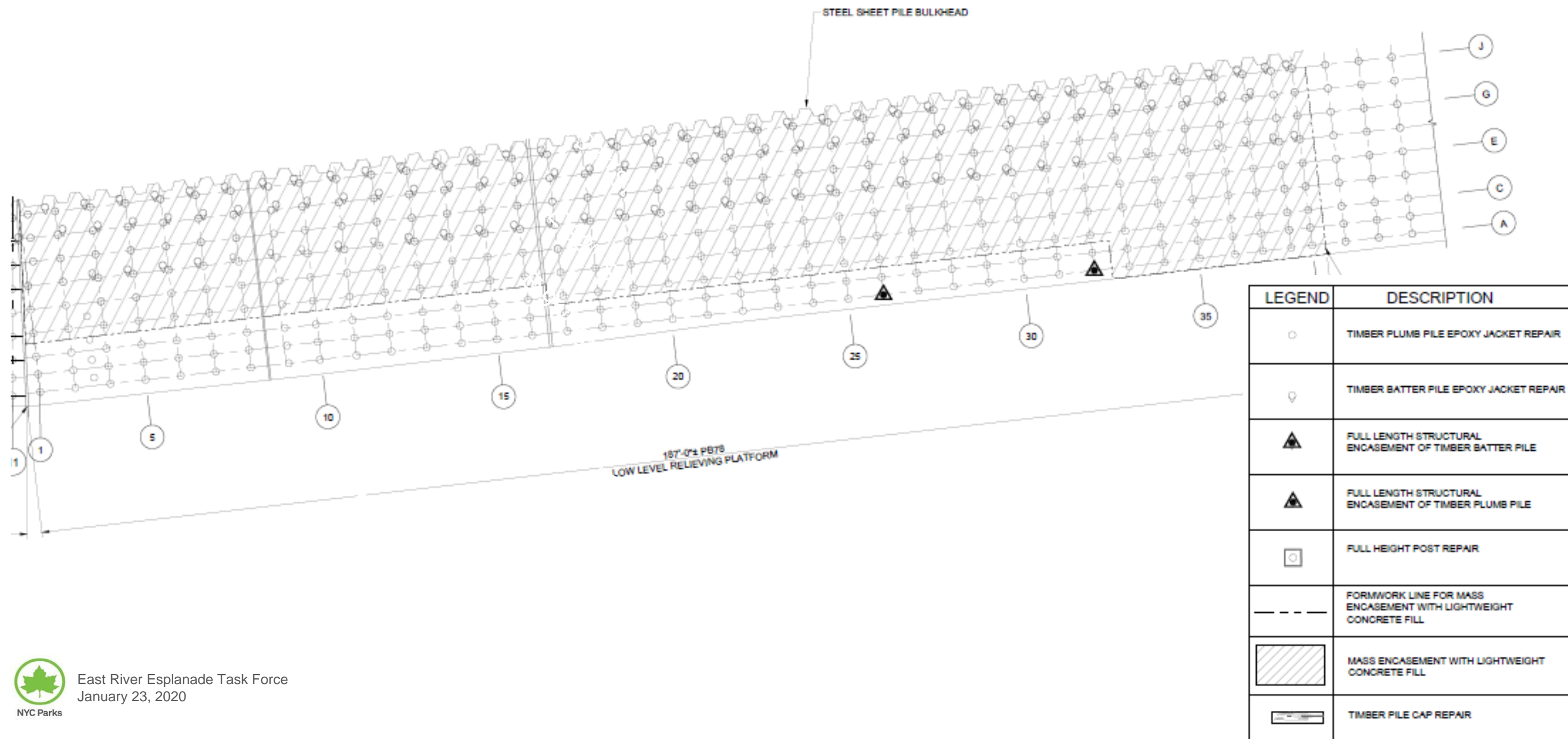
# E90-94



East River Esplanade Task Force  
January 23, 2020

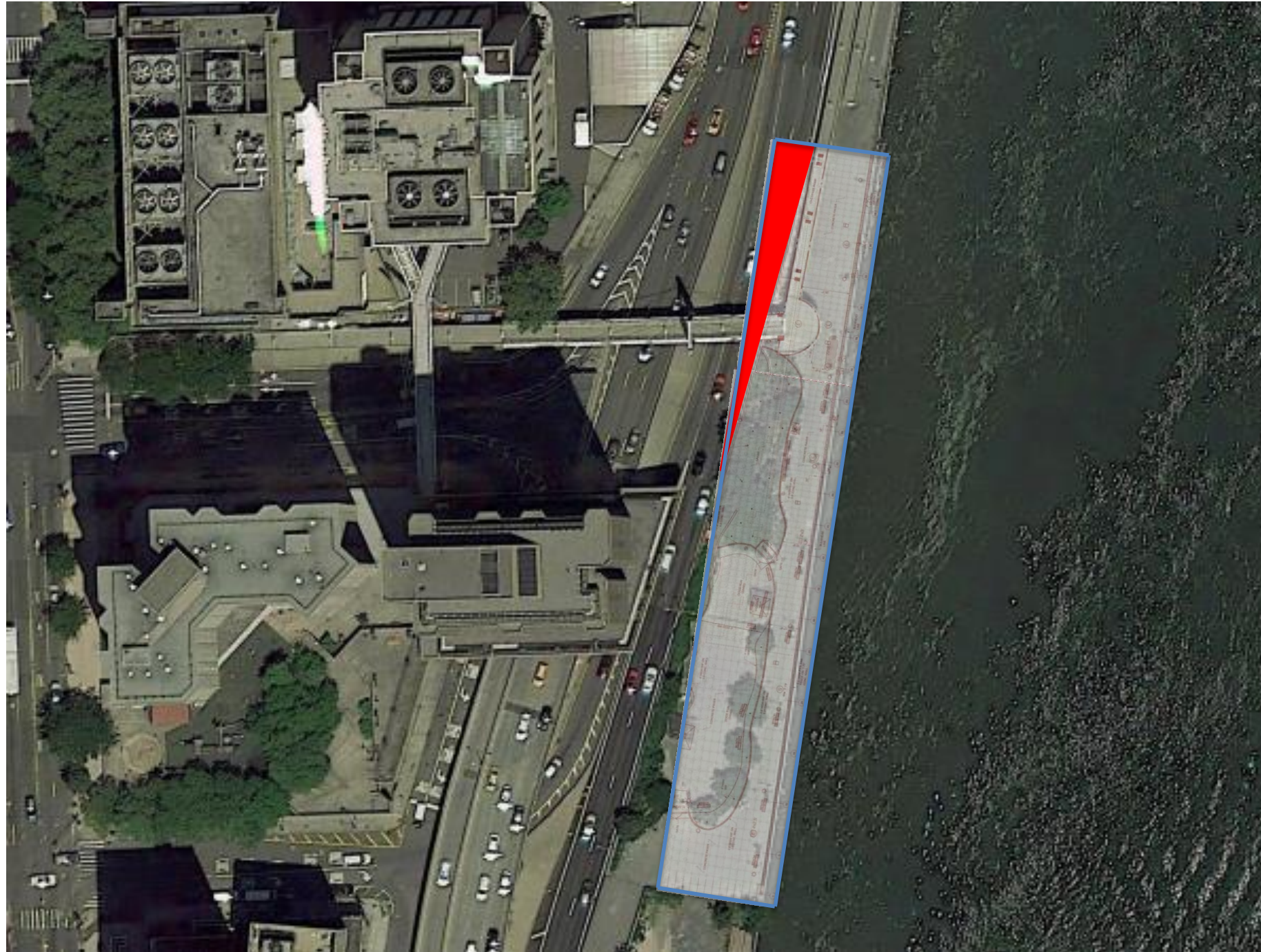


# E90-94





# E62-63



## Legend

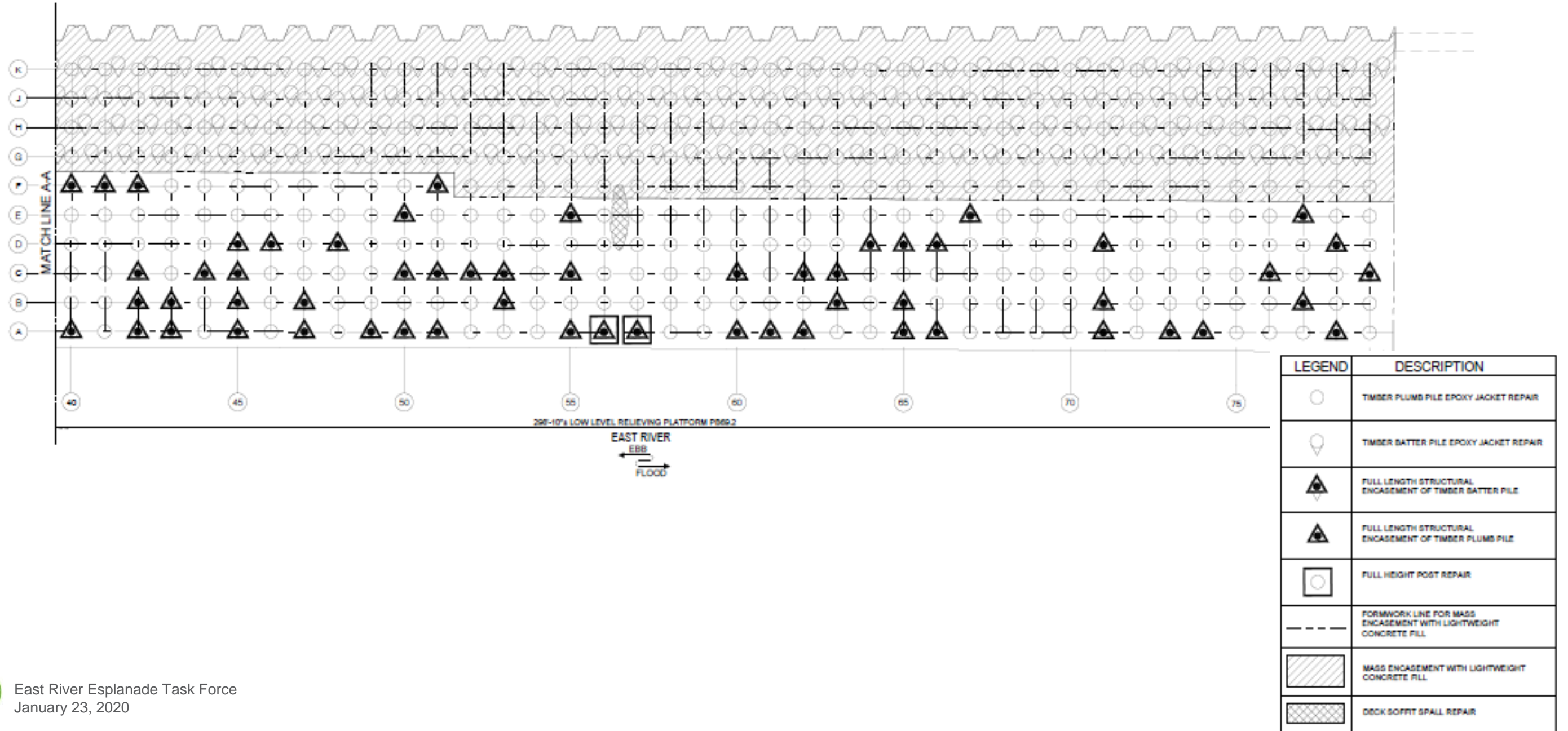
- Project Limit
- Project Overlap with FDR



East River Esplanade Task Force  
January 23, 2020



# E62-63





# Structural Concrete Encasement



Existing



Proposed





# Non-Structural Epoxy Encasement



Existing



Proposed





# Structural Timber Post Repair



Existing



Proposed



# Mass Encasement



Existing



Proposed



# Fascia Panel Replacement & Concrete Seawall Rehabilitation



Existing



Proposed



- Design Completion
  - Due in April (Phases 2 & 3 simultaneously)
- Permits and Approvals
  - NYC SBS (Waterfront Construction Permit)
  - DEC and Army Corps (Discussions underway, completion in August)
- Construction Bidding and Contracting



**NYC Department of Parks and Recreation**  
East River Esplanade | Next Steps







<u>Location</u>	<u>Proposed Scope</u>	<u>Cost Estimate</u>	<u>Applied Funds</u>
E 117th St	Level 4 Complete Structural Repairs	<u>\$11.8M</u>	\$6M City Council \$15M POA \$17.2M Mayoral <b>Total: \$38.2M</b>
E 116th St E 115th- E 116th St	LEVEL 4 Complete Structural Repairs	<u>\$12.8M</u>	
E 114th St E 114th - E 115th St (full closure)	Full Reconstruction	<u>\$13.6M</u>	

Actual costs and extents will be will be revised as design is completed and after construction bids.







City

4 MI



East Harlem

1000 FT



Site

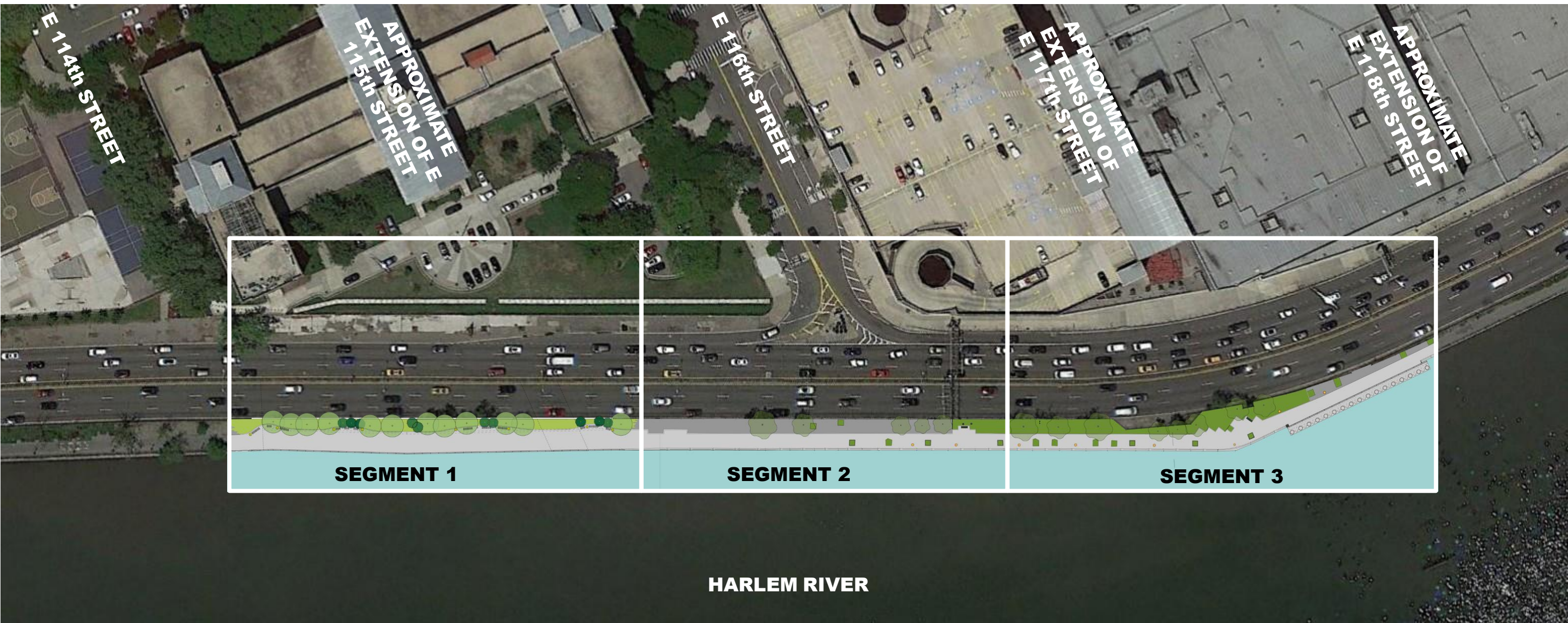
300 FT



NYC Parks

**NYC Department of Parks and Recreation**  
**East River Esplanade | Project Location**



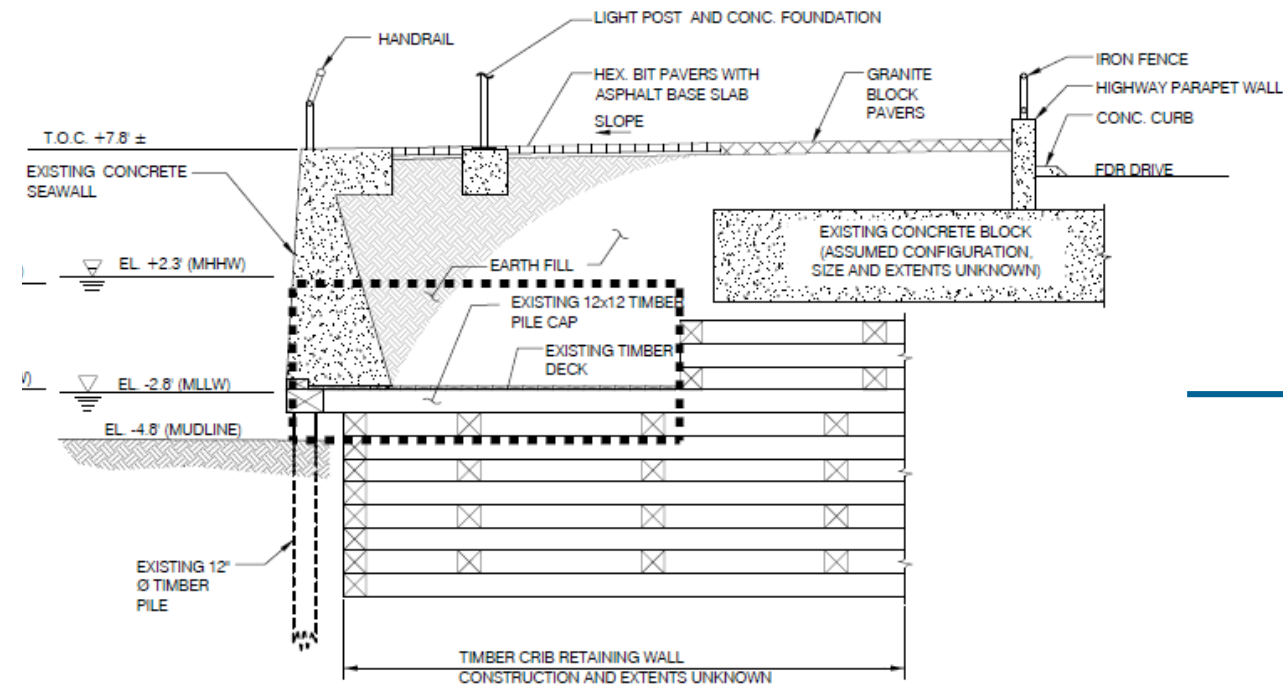


**NYC Department of Parks and Recreation**  
**East River Esplanade | Proposed Plan**

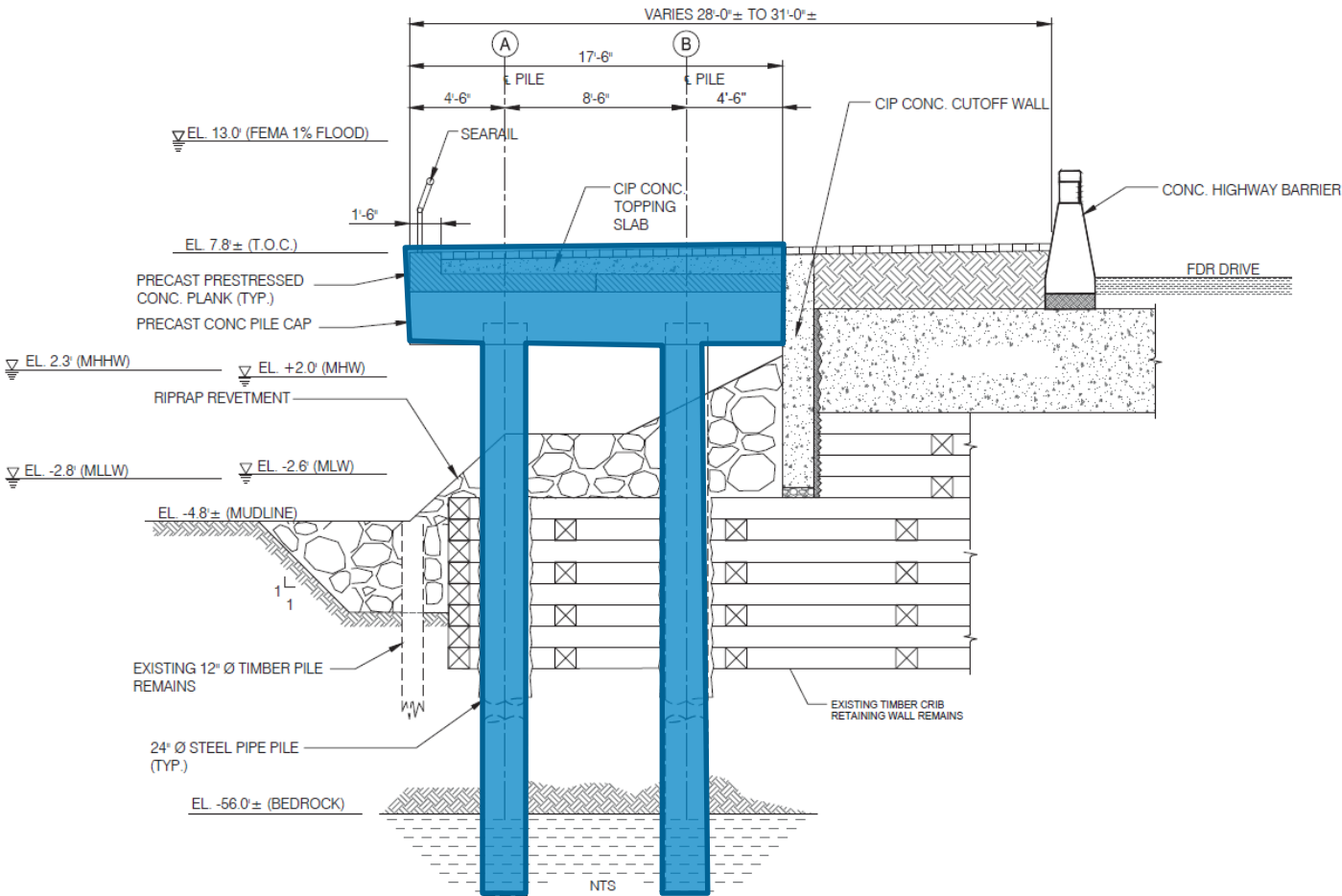




# High Level Platform Reconstruction



Existing



Proposed



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NYC Department of Parks and Recreation  
East River Esplanade | Segment 1 Reconstruction



# High Level Platform Reconstruction

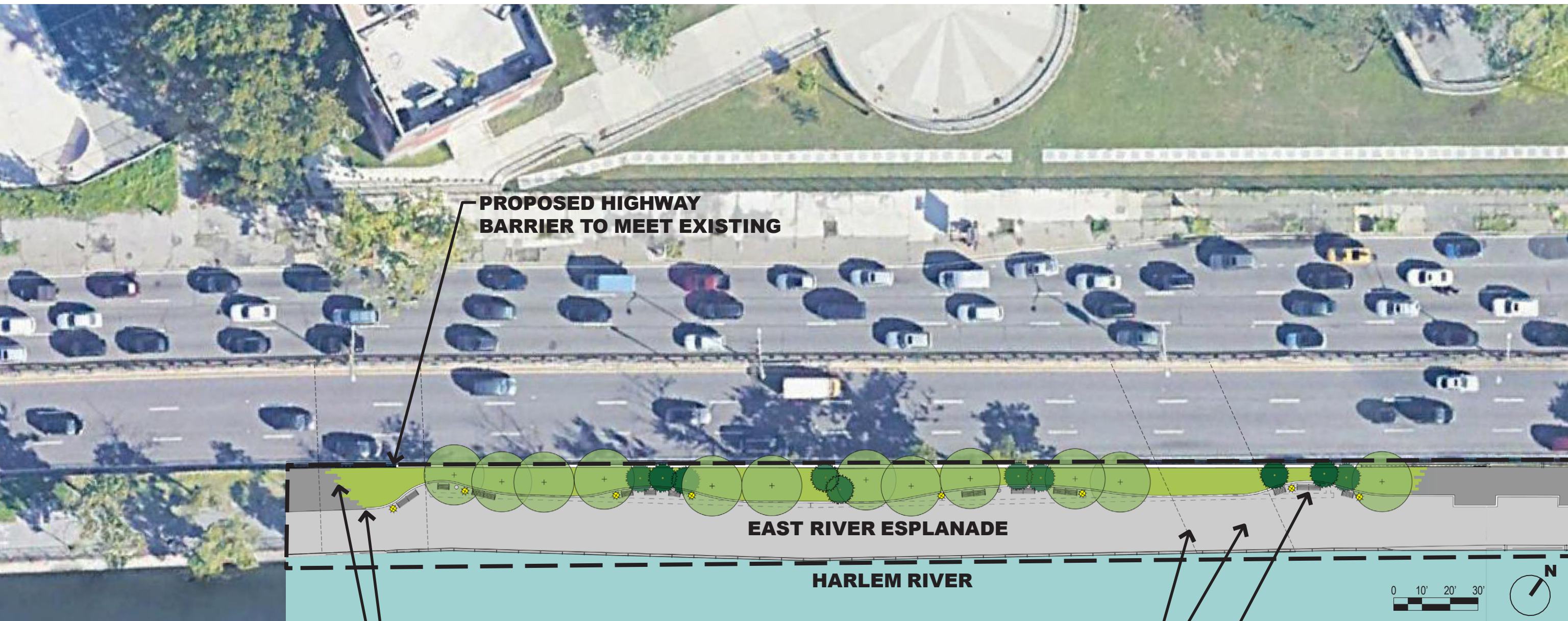


Existing



Proposed

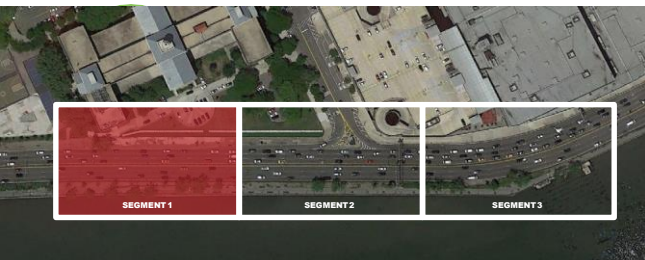
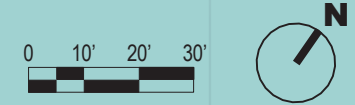




**PROPOSED HIGHWAY  
BARRIER TO MEET EXISTING**

**EAST RIVER ESPLANADE**

**HARLEM RIVER**



**KEY PLAN**

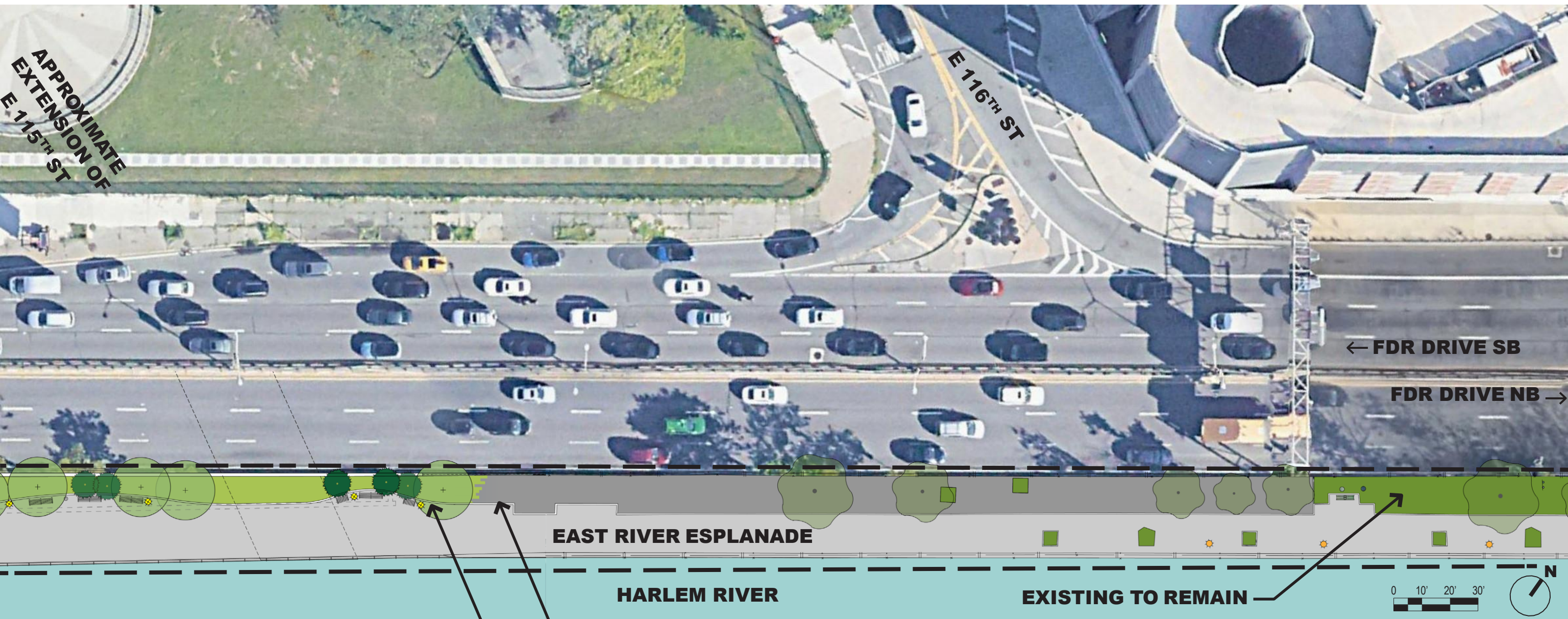
**NYC Department of Parks and Recreation**  
East River Esplanade | Proposed Plan – Segment 1

**GRANITE BLOCK LANDSCAPE  
EDGING TO MEET EXISTING**  
**EXISTING GRANITE BLOCK  
TO REMAIN, FEATHERED INTO  
PROPOSED LANDSCAPE PLANTER**

**SEARAIL**  
**ASPHALT HEX PAVERS MIXED  
MOTTLED PATTERN TO MATCH  
EAST RIVER ESPLANADE AT  
E 68th -70TH STREET**  
**SEATING AREA WITH 1964  
WORLDS FAIR BENCHES AND  
NEW LIGHT FIXTURES**

- LEGEND**
- — Limit of Work
  - Existing Tree
  - Proposed Deciduous Tree
  - Proposed Evergreen Tree
  - Existing Light Fixture
  - Proposed Light Fixture
  - Proposed Trash Receptacle



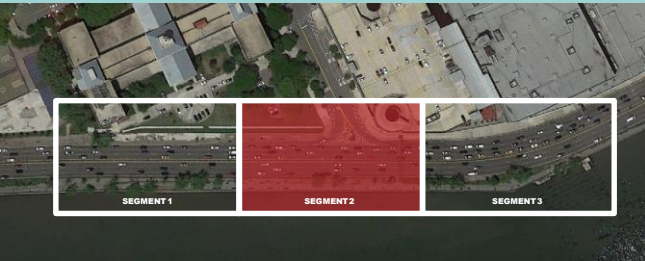


**EXISTING GRANITE BLOCK TO  
REMAIN, FEATHERED INTO  
PROPOSED LANDSCAPE PLANTER**

**GRANITE BLOCK LANDSCAPE  
EDGING TO MEET EXISTING**

#### LEGEND

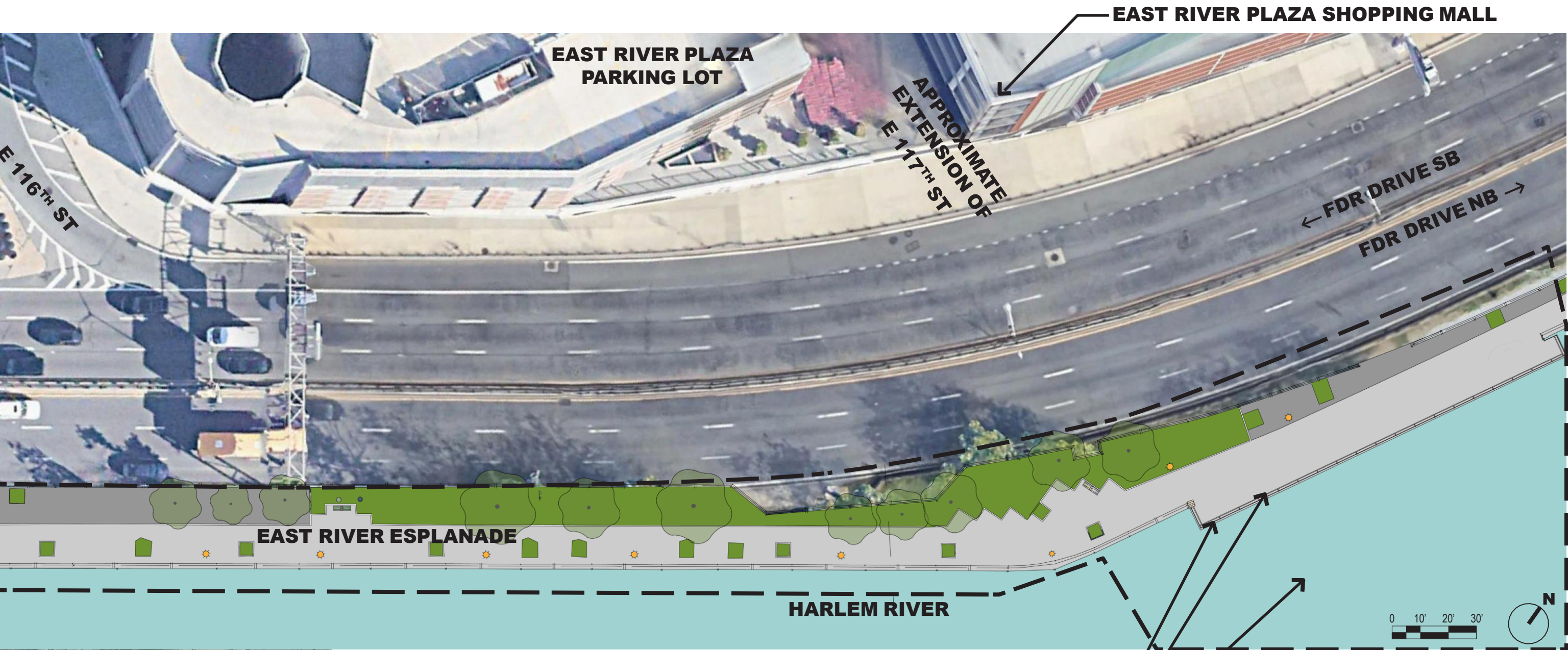
- — Limit of Work
- Existing Tree
- Proposed Deciduous Tree
- Proposed Evergreen Tree
- Existing Light Fixture
- Proposed Light Fixture
- Proposed Trash Receptacle



#### KEY PLAN

**NYC Department of Parks and Recreation**  
East River Esplanade | Existing Plan – Segment 2





**KEY PLAN**

**NYC Department of Parks and Recreation**  
**East River Esplanade | Existing Plan – Segment 3**

**LEGEND**

- Limit of Work**
- Existing Tree**
- Proposed Deciduous Tree**
- Proposed Evergreen Tree**
- Existing Light Fixture**
- Proposed Light Fixture**
- Proposed Trash Receptacle**



FDR  
Drive



East  
River

New Relieving  
Platform

Failed Timber Cribbing

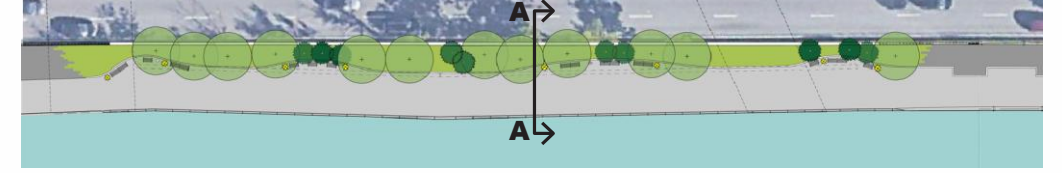
New Structural Piles



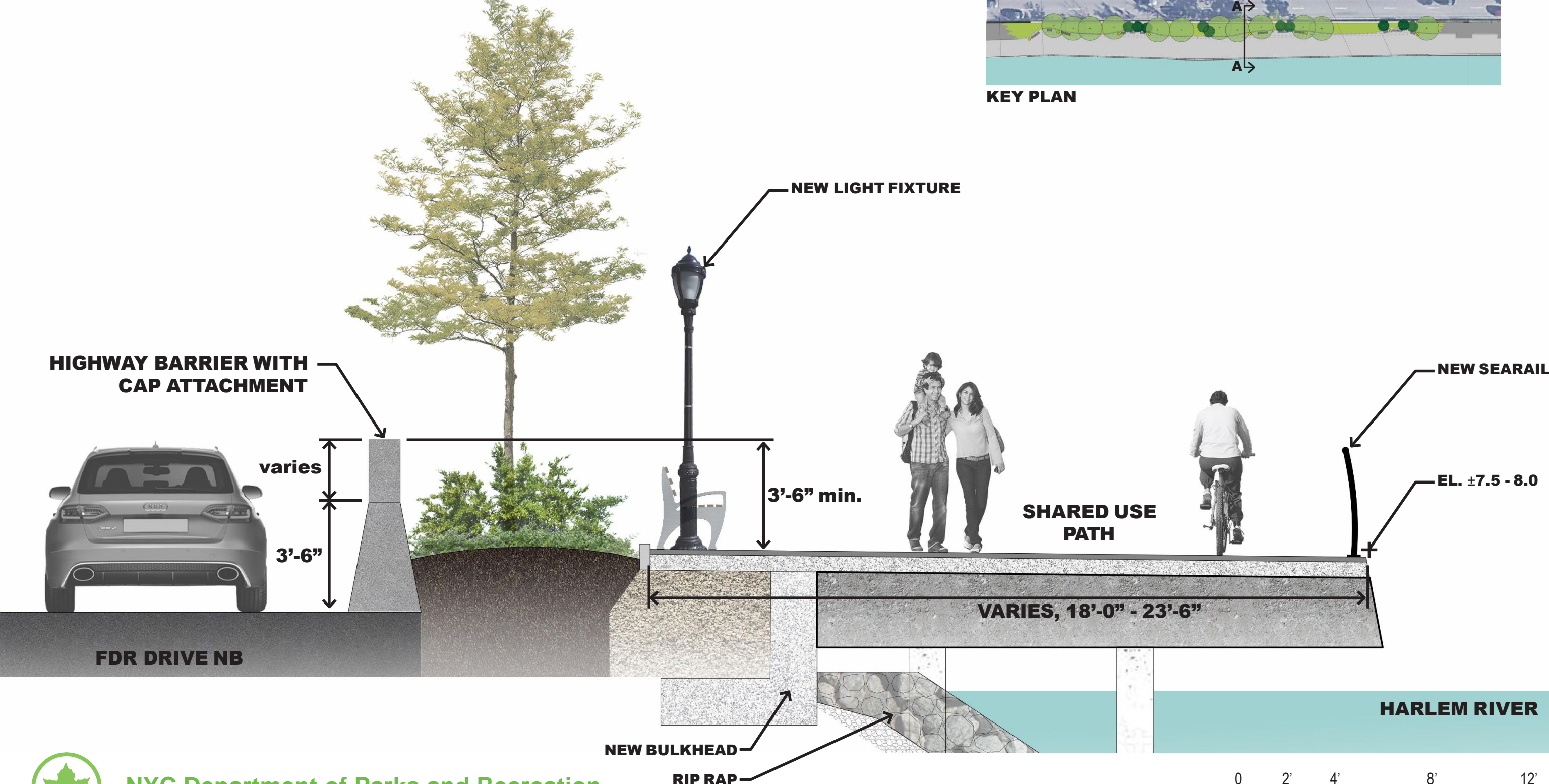
**NYC Department of Parks and Recreation**  
East River Esplanade | Previously Approved Section

APPROVED 7/17/17, PDC CERTIFICATE 26271





KEY PLAN



NYC Parks

**NYC Department of Parks and Recreation**  
**East River Esplanade | Proposed Section**





# East 88th – 90th

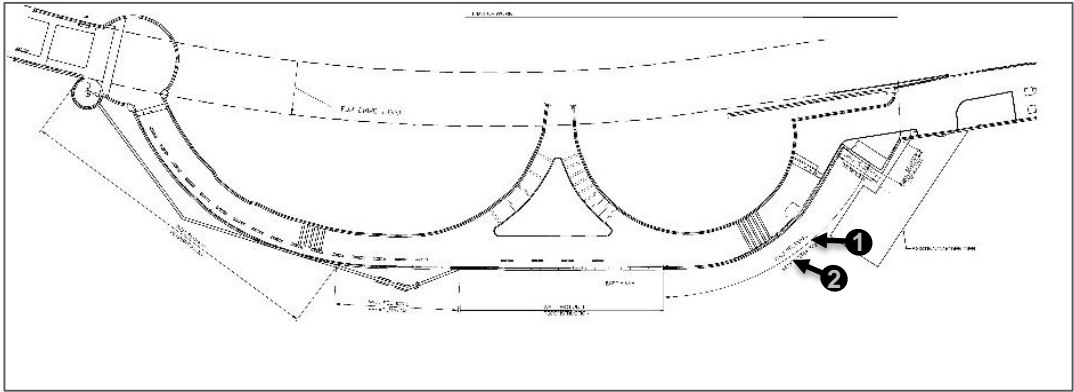


**NYC Department of Parks and Recreation**  
**East River Esplanade | Construction Update**





1. Before



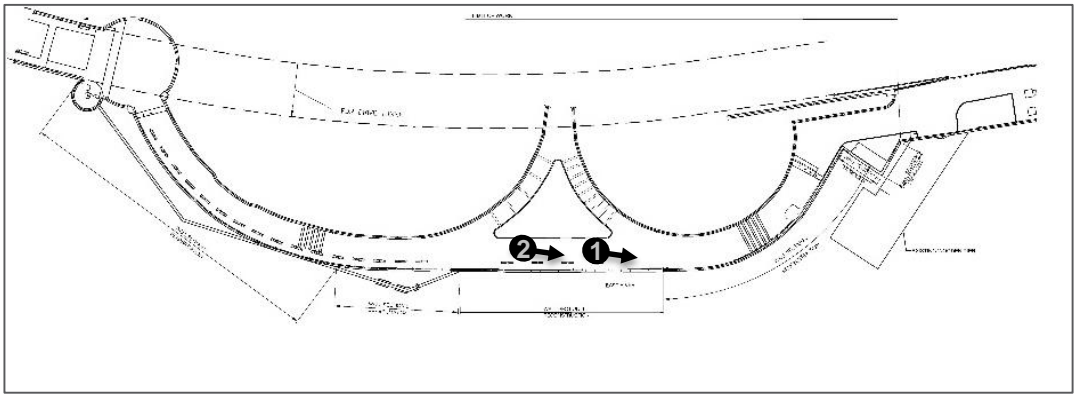
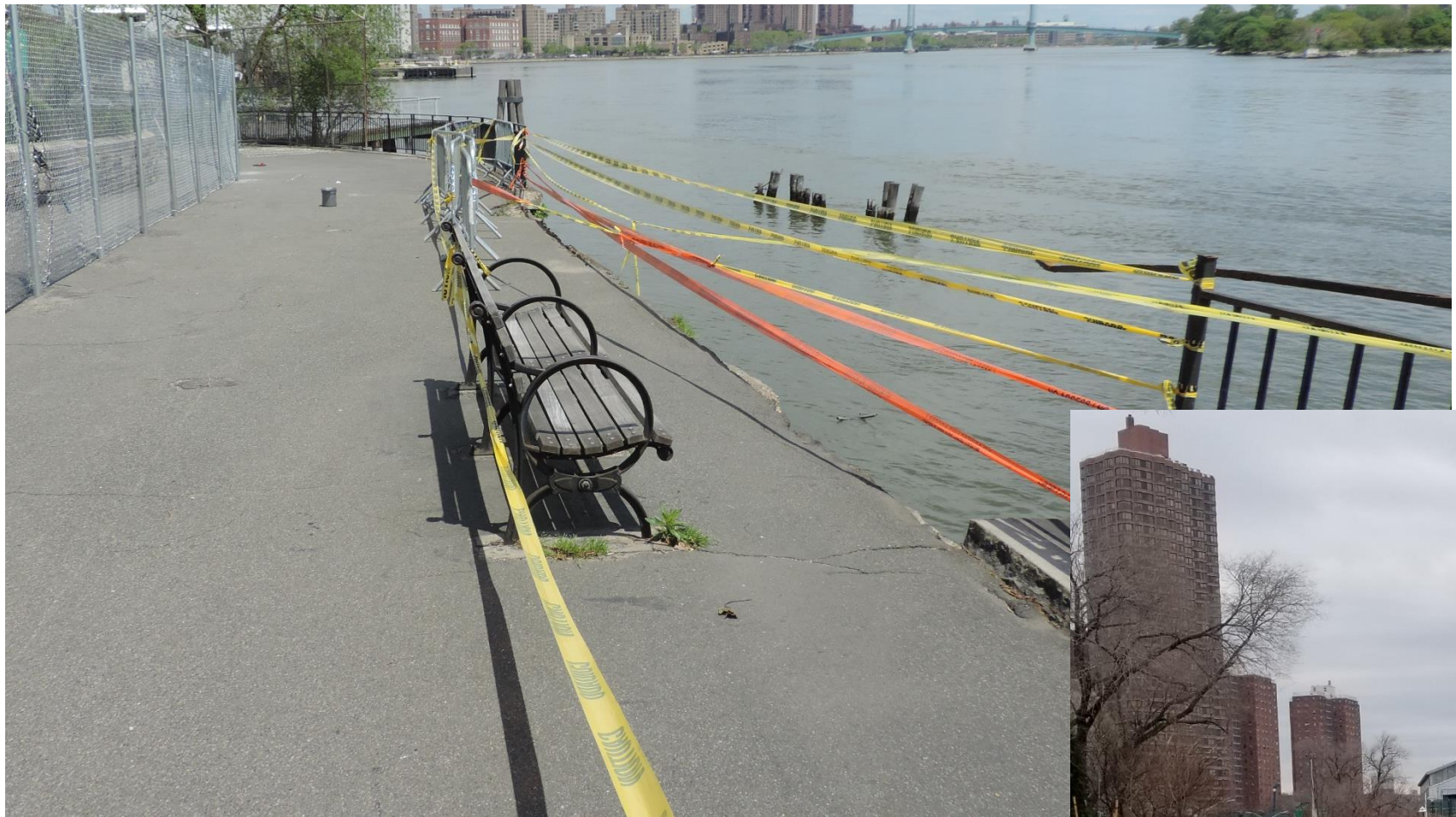
2. After



NYC Parks

NYC Department of Parks and Recreation  
East River Esplanade | Construction Update





1. Before

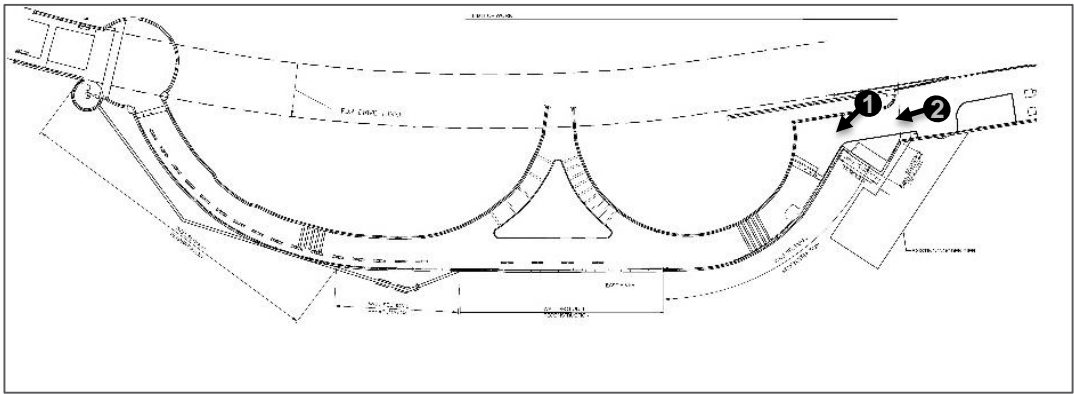


2. After



NYC Department of Parks and Recreation  
East River Esplanade | Construction Update





1. Before

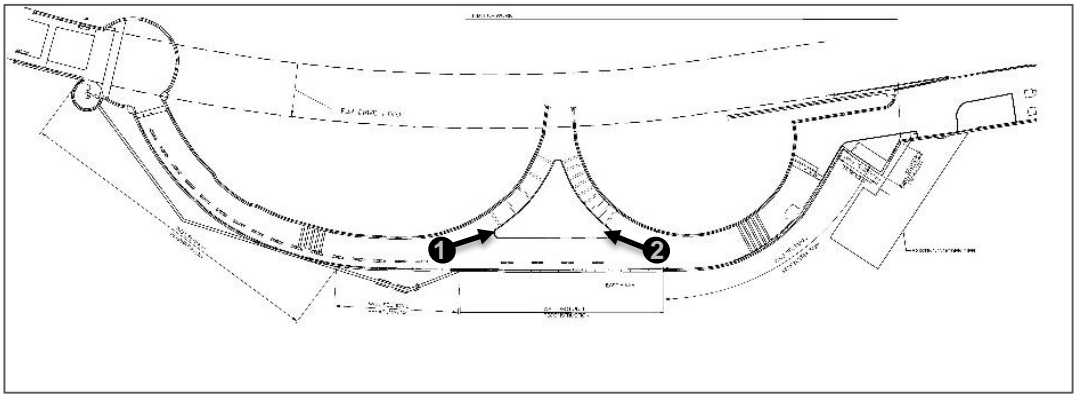


2. After



NYC Department of Parks and Recreation  
East River Esplanade | Construction Update





1. Before



2. After





# Questions?



East River Esplanade Looking South from E114th St  
Original watercolor by Jiahui Lai