



Parks

Flushing Bay Promenade Improvements

Located in Flushing Meadows Corona Park between LaGuardia Airport and Willets Point along the Flushing Bay, in the Borough of Queens.

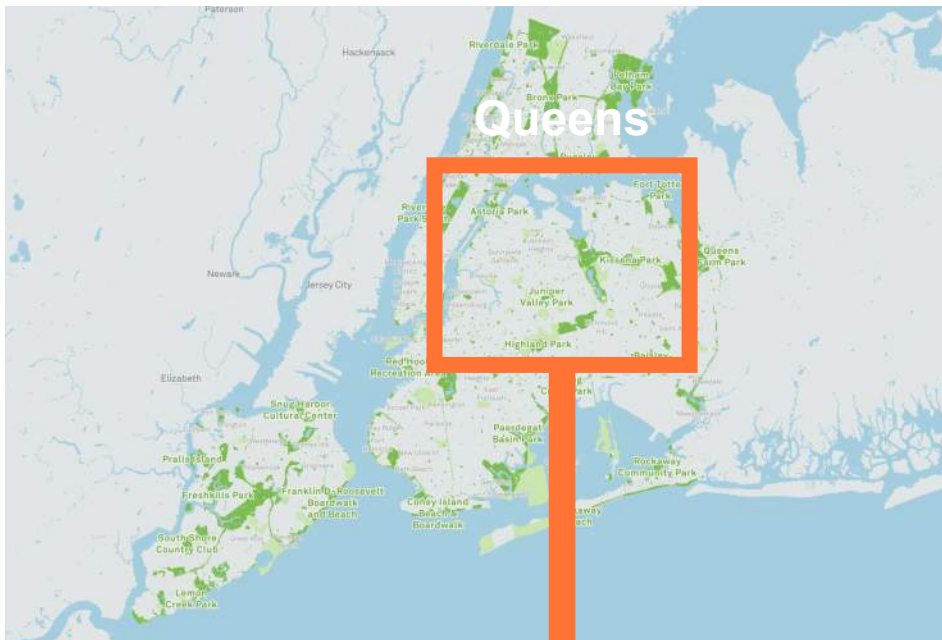
Public Update Meeting
June 10, 2021
Project size: 1.4mi

MARVEL

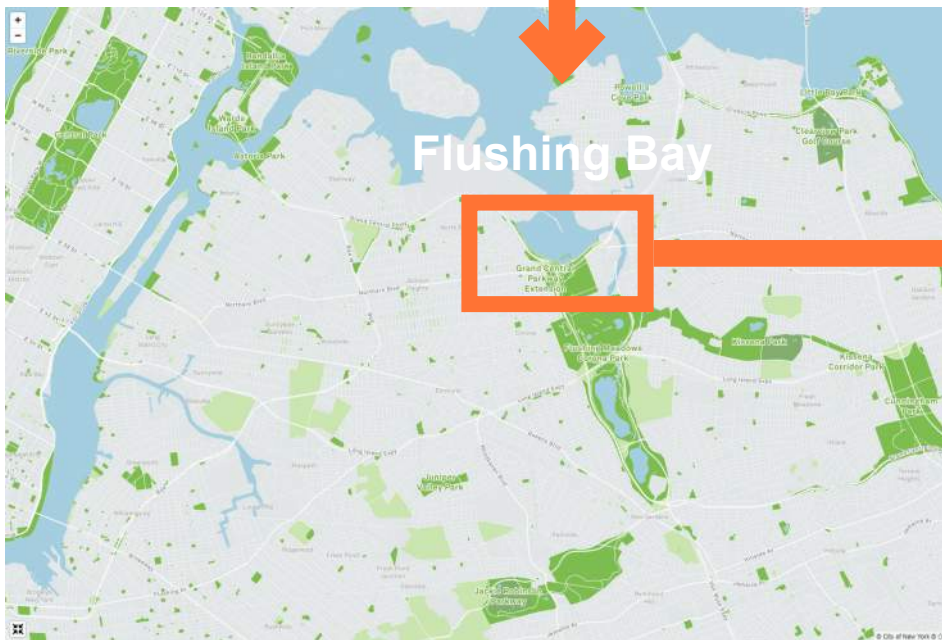
Mitigate the potential effects of the AirTrain LGA

- Beautify and enhance the park as a community asset
- Enhance site amenities
- Improve site access, including connectivity with adjacent neighborhoods
- Implement sustainable and resilient enhancements
- Coordinate with adjacent existing and proposed projects





City 2 MI



Neighborhood 1000 FT

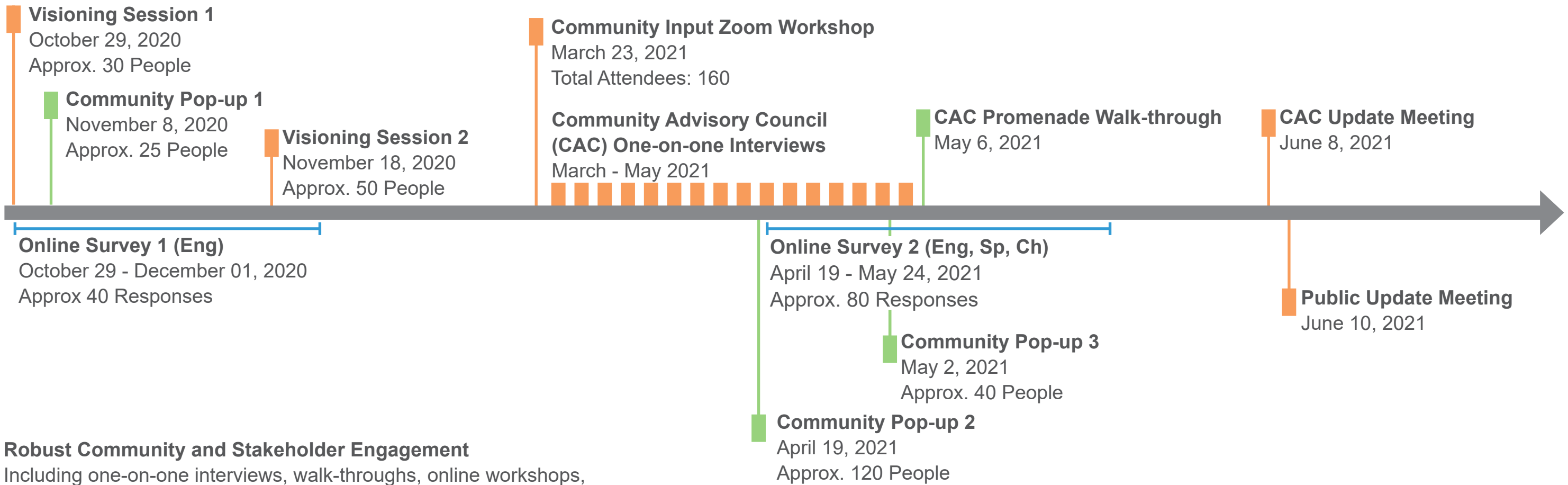


Site 500 FT



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Flushing Bay Promenade Improvements | Project Location



Robust Community and Stakeholder Engagement
Including one-on-one interviews, walk-throughs, online workshops, community pop-ups and online surveys.

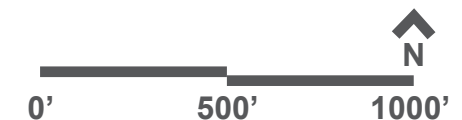




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Takeaways: **How do you use the Promenade** and **what are some issues?**

Flushing Bay Promenade Improvements | Outreach Input



More welcoming access
 Safer and better Lighting
 Community focused programming
 Resilient Native planting
 Amenities/Bathrooms
 Quiet seating
 Access to water
 Safe bike path
 Clear wayfinding and signage
 Boathouse
 Play area
 Dog friendly areas
 Educational opportunities
 Exercise zone
 Boat watching and airplane viewing
 Music and performance area
 Public art

“The outcome of the design should be for everyone- all ages, all abilities, all users. Everyone should be given equal priority”

- Community Stakeholder

↑ Want more
 ↓ Want less

Signage clutter
 Non-contextual design
 Rollerskating and e-scooters
 Bright disturbing lights
 High maintenance elements
 Loud uses

Varied feedback was collected during our engagement efforts. The green are elements the respondents wants to see, whereas the orange are ones they do not want to see.



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Flushing Bay Promenade Improvements | Outreach Input



Takeaways:

- The entire length of the promenade is located within the 100-year floodplain
- Materials and plants should be flood resilient and salt-tolerant
- Opportunities to adapt water's edge to account for sea-level rise

Flood Hazard Zones

2015 Preliminary Flood Insurance Rate Map

V Zone (100-year floodplain subject to wave action)

Areas along coasts subject to inundation by the 1% annual chance flood event with additional hazards associated with storm-induced waves.

A Zone (100-year floodplain)

Areas subject to inundation by the 1% annual chance flood event.

Shaded X Zone (500-year floodplain)

Areas within the 0.2% annual chance floodplain, areas of 1% annual chance flooding where average depths are less than 1 foot, areas of 1% annual chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1% annual chance flood by a levee.

Limit of Moderate Wave Action (LiMWA)

The inland limit of the area expected to receive 1.5ft or greater breaking waves during the 1% annual chance flood event. Data from 2015 PFIRMs.

Future Floodplain 2050s

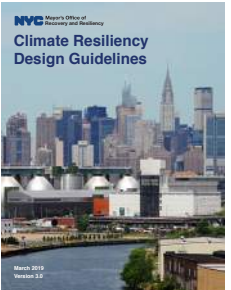
Future 1% Annual Chance Floodplain (100-year)

Future 0.2% Annual Chance Floodplain (500-year)

Further Information:



NYC Parks: Design and Planning for Flood Resiliency



NYC MOR: Climate Resiliency Design Guidelines (v3.0)

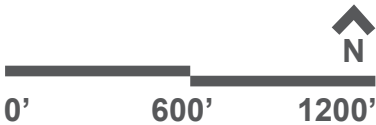
Base Flood Elevation (BFE): 15'
Project Limit



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Flushing Bay Promenade Improvements | Flood Risk





Municipal Separate Storm Sewer System (MS4) Legend:

MS4 Drainage Areas



Parks



MS4 Outfalls

- MS4 Outfall
- CSO with MS4 Connection

SPDES Permits



Municipal Solid Waste Facilities



Combined Sewer Overflow (CSO) Outfalls



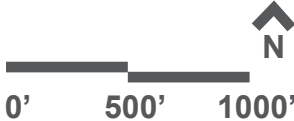
A municipal separate storm sewer system (MS4) is a publicly-owned conveyance or system of conveyances (including but not limited to streets, ditches, catch basins, curbs, gutters, and storm drains) that is designed or used for collecting or conveying stormwater and that discharges to surface waters of the State.

Note: Any Parks site that directly discharges to surface waters of the State (e.g. East River, Harlem River, Hudson River, Jamaica Bay, Atlantic Ocean) is an MS4 site regardless of what the MS4 map shows. Parks properties immediately adjacent to or near bodies of water are likely to be downstream of combined sewer regulator points, making them MS4 sites.

Takeaways:

- The Promenade is considered an “MS4 Site”
- Must implement a Stormwater Management Program (SWMP)
- Provide 6 minimum stormwater control measures
- Utilize approved Best Management Practices

Project Limit



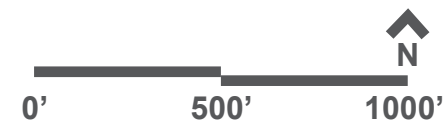
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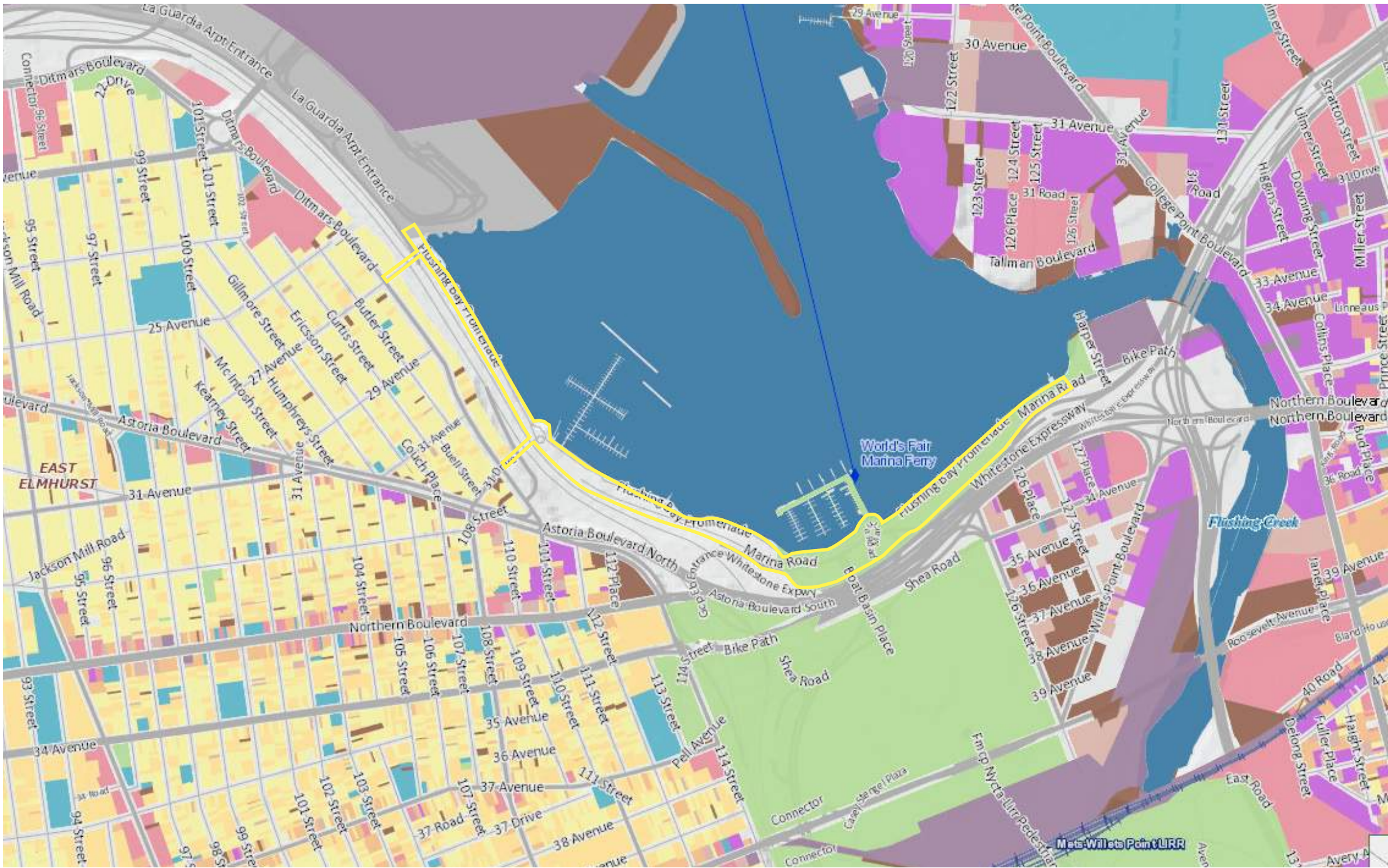
Flushing Bay Promenade Improvements | New York City Department of Environmental Protection (DEP)



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Flushing Bay Promenade Improvements | New York State Department of Environmental Conservation (DEC)

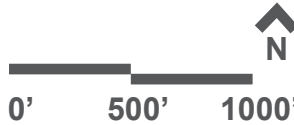




Land Use Categories

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

Project Limit



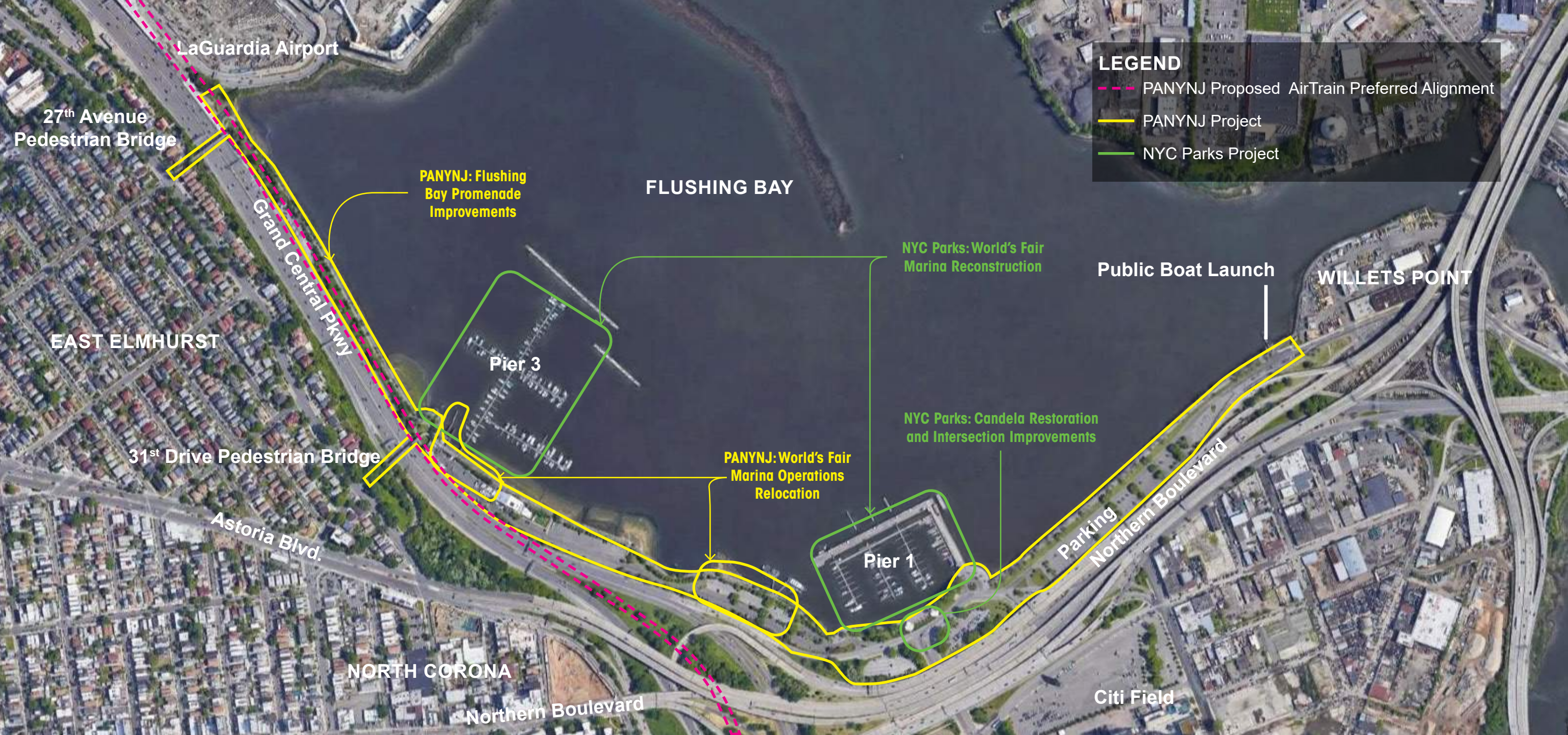
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Flushing Bay Promenade Improvements | Surrounding Land Use



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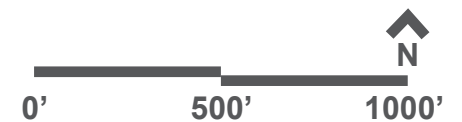
Flushing Bay Promenade Improvements | Neighborhood Context

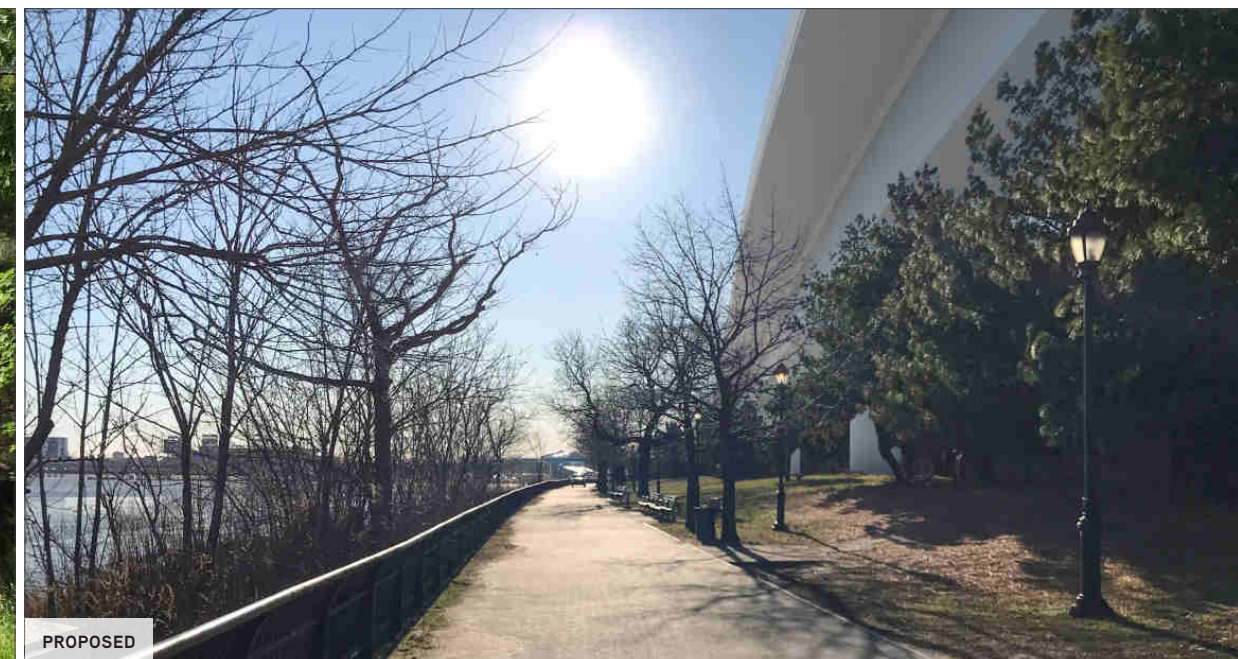
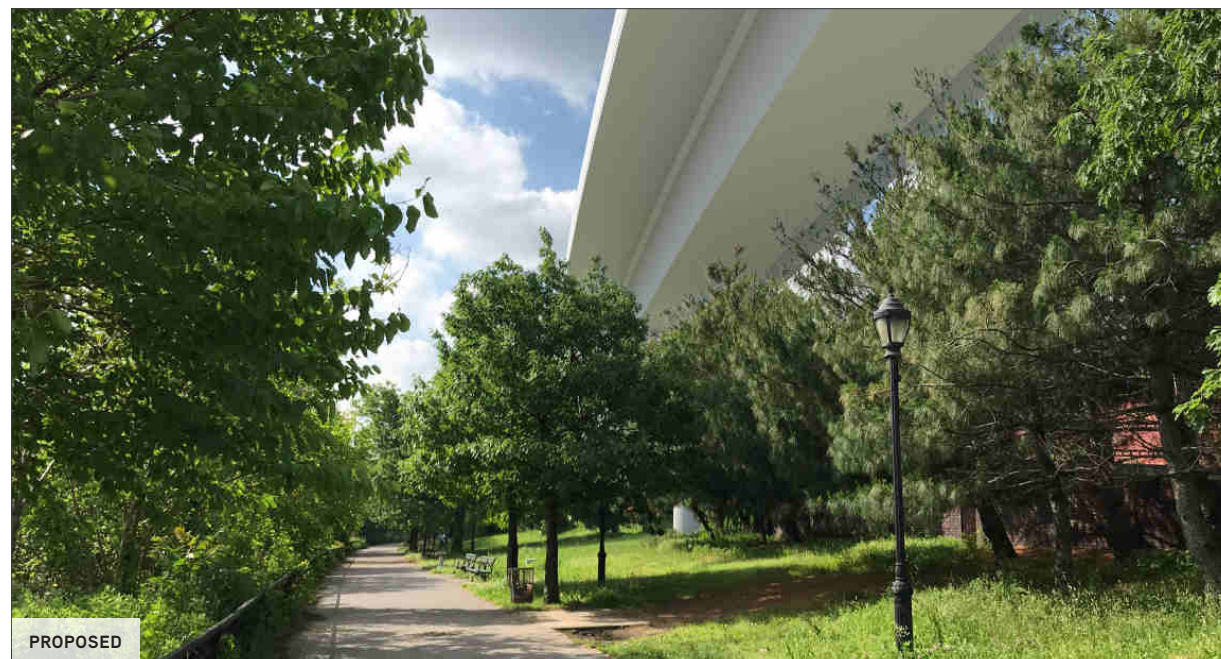
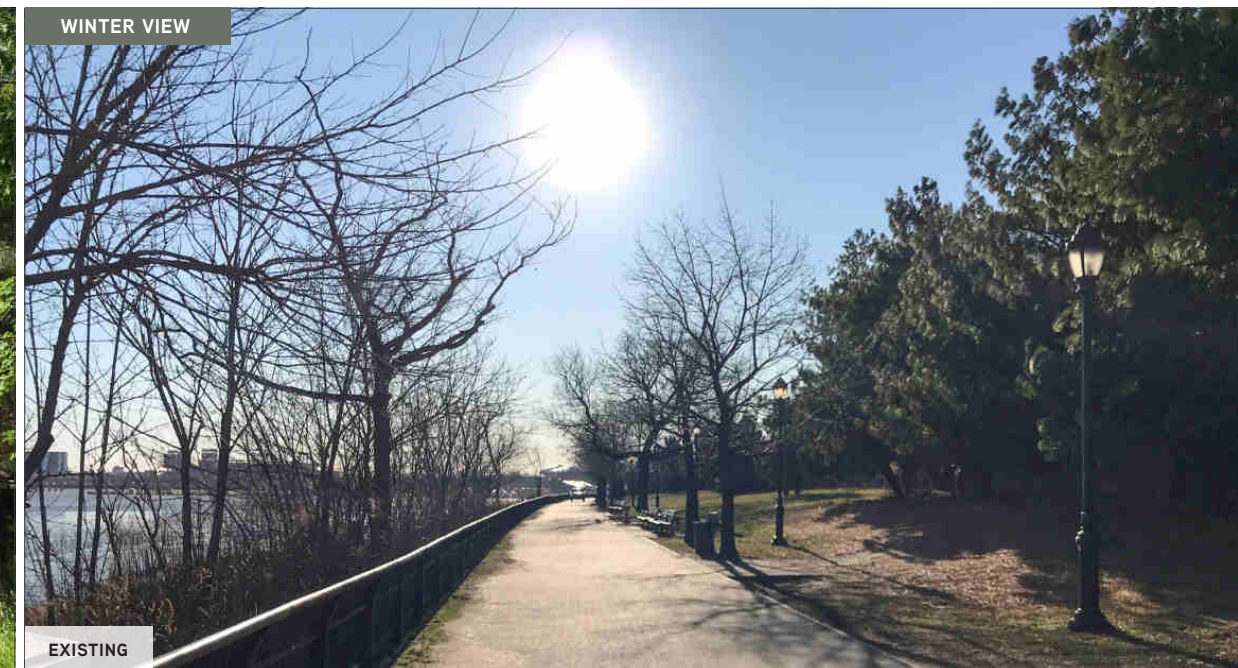


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Flushing Bay Promenade Improvements | Concurrent Projects





SOURCE: RS&H, Inc., April 2020.

EXHIBIT 3.15-10

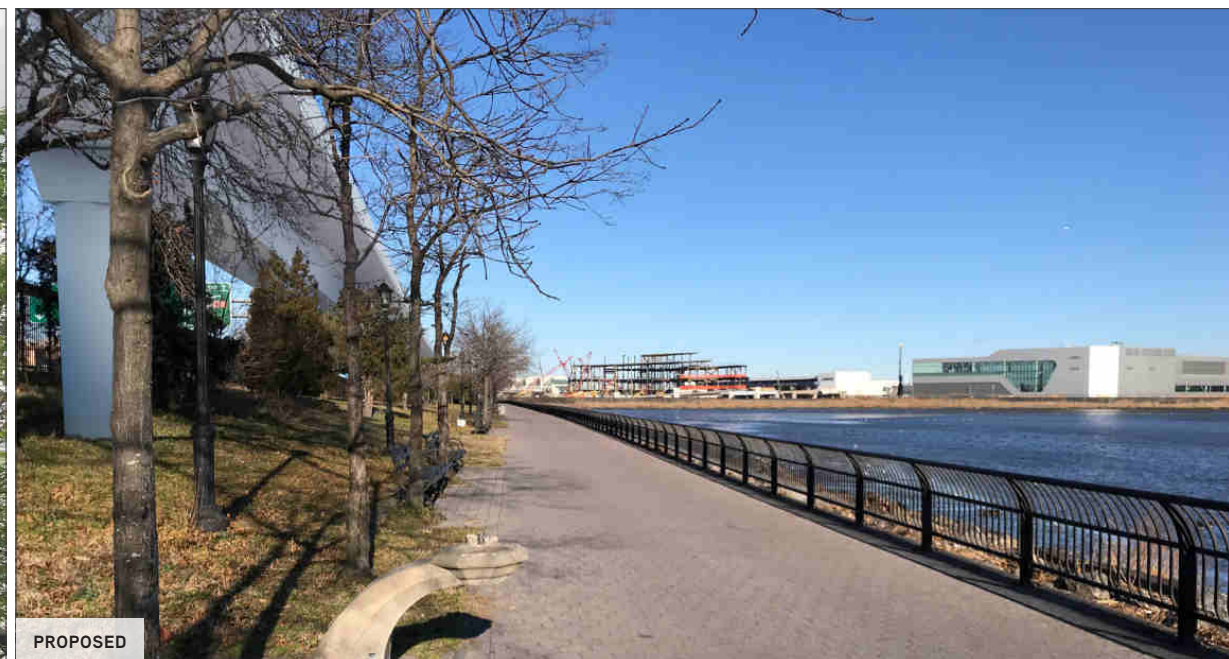
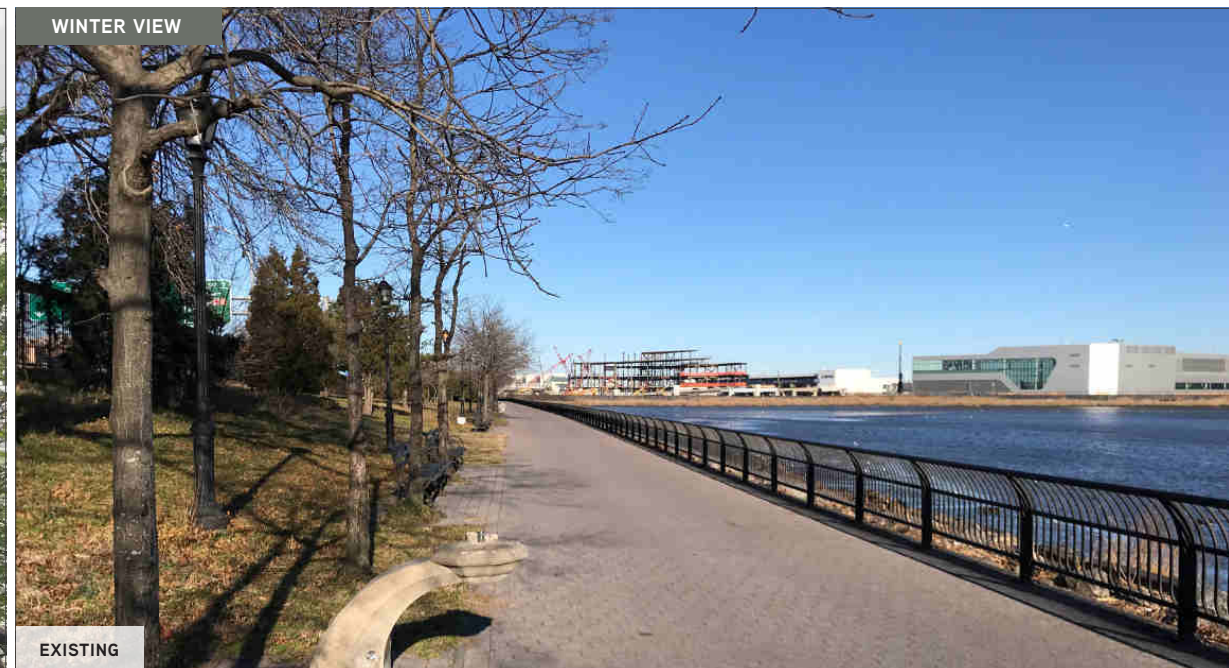
Source: Federal Aviation Administration (FAA), LGA Access Improvement Project Final EIS, March 2021

VIEW 2: LOOKING SOUTH FROM THE BASE OF THE 27TH AVENUE
PEDESTRIAN BRIDGE ALONG THE FLUSHING BAY PROMENADE



MARVEL

Flushing Bay Promenade Improvements | Views of conceptual
AirTrain along Promenade as depicted in the FAA Final EIS



SOURCE: RS&H, Inc., April 2020.

EXHIBIT 3.15-11

Source: Federal Aviation Administration (FAA), LGA Access Improvement Project Final EIS, March 2021

VIEW 3: LOOKING NORTHWEST ALONG THE FLUSHING BAY PROMENADE



MARVEL

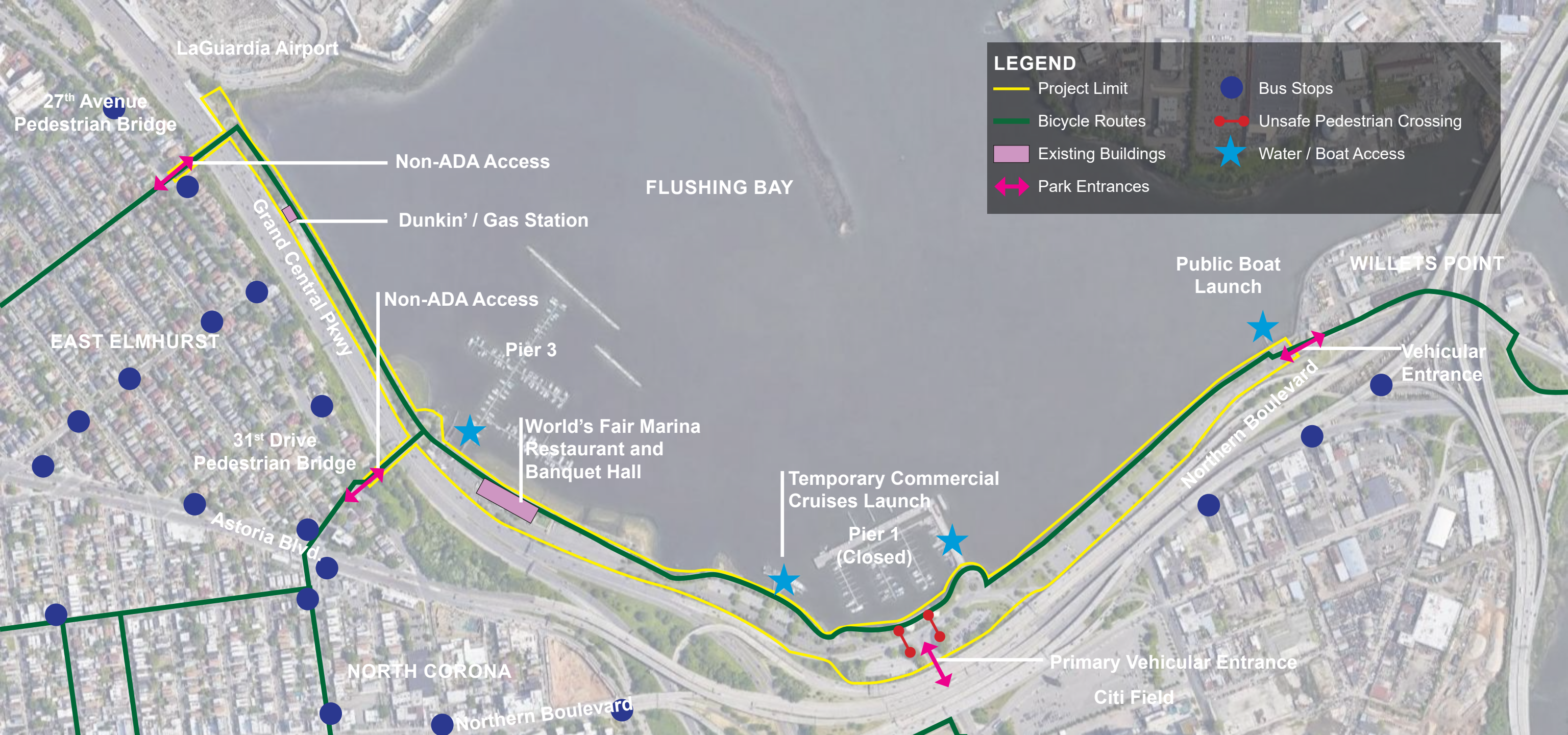
Flushing Bay Promenade Improvements | Views of conceptual AirTrain along Promenade as depicted in the FAA Final EIS



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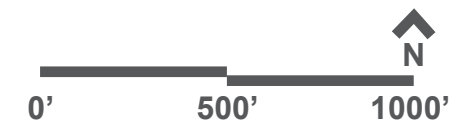
Flushing Bay Promenade Improvements | Existing Conditions





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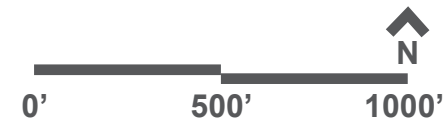
Flushing Bay Promenade Improvements | Existing Conditions





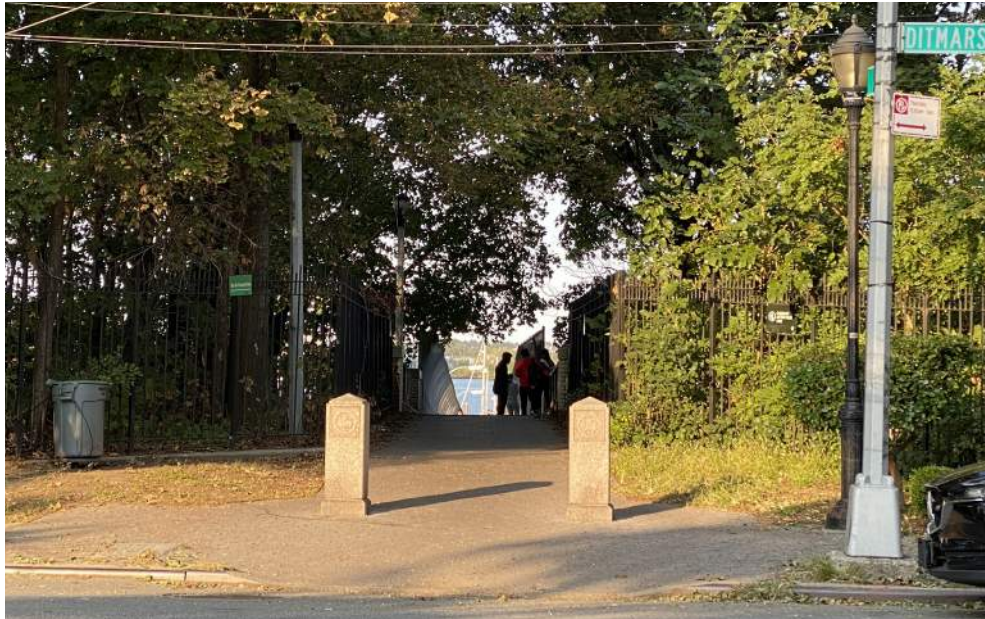
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Flushing Bay Promenade Improvements | Tree Cover





**A. 27th Avenue Pedestrian Bridge Entrance
on Ditmars Boulevard**



**B. 31st Drive Pedestrian Bridge Entrance
on Ditmars Boulevard**

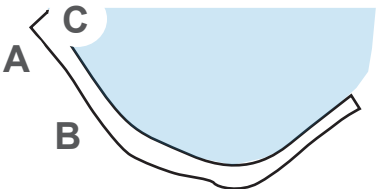


C. 27th Avenue Pedestrian Bridge Landing



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Flushing Bay Promenade Improvements | Site Photos





D. 31st Avenue Pedestrian Bridge Landing



E. Lawn at 31st Avenue Pedestrian Bridge Landing



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Flushing Bay Promenade Improvements | Site Photos





F. Typical CSO Outfall Condition



G. Promenade near Candela Structures



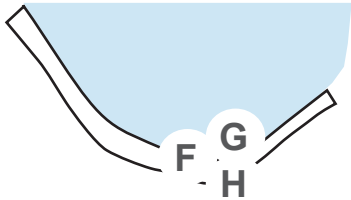
H. Unsafe crossing at Marina Road and Boat Basin Place



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Flushing Bay Promenade Improvements | Site Photos





I. Typical Promenade Overlook



J. Typical Condition of Eastern Parking Lots



K. Public Human-Powered Boat Launch



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Deteriorating Bulkhead



Rusting Railing





Sinking Pavers

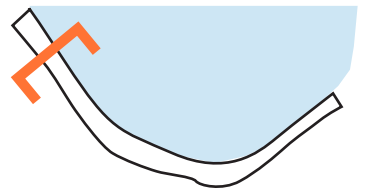
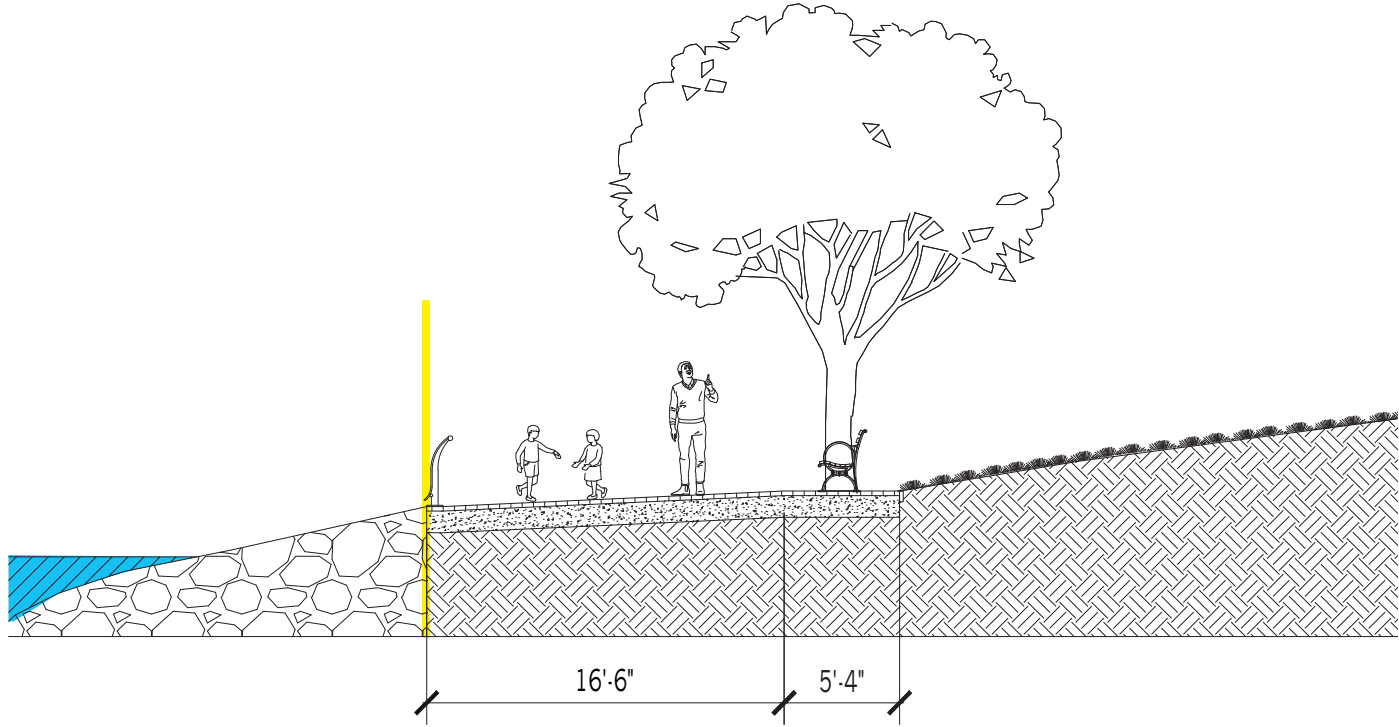
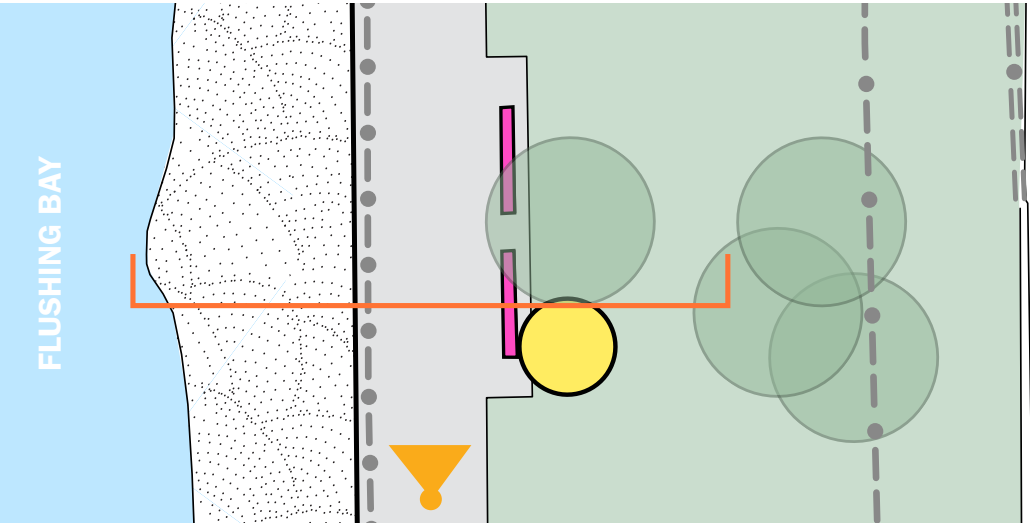
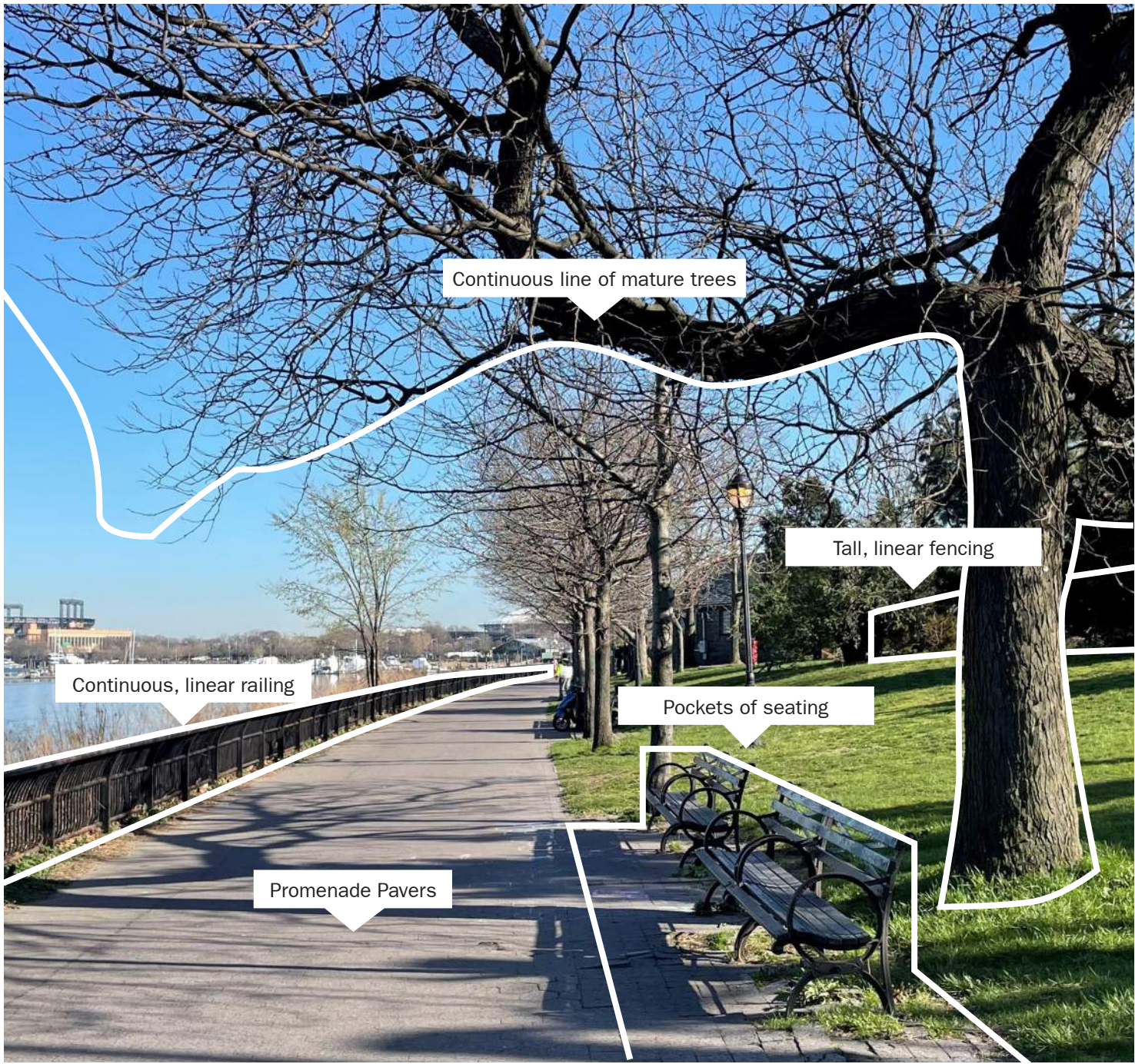


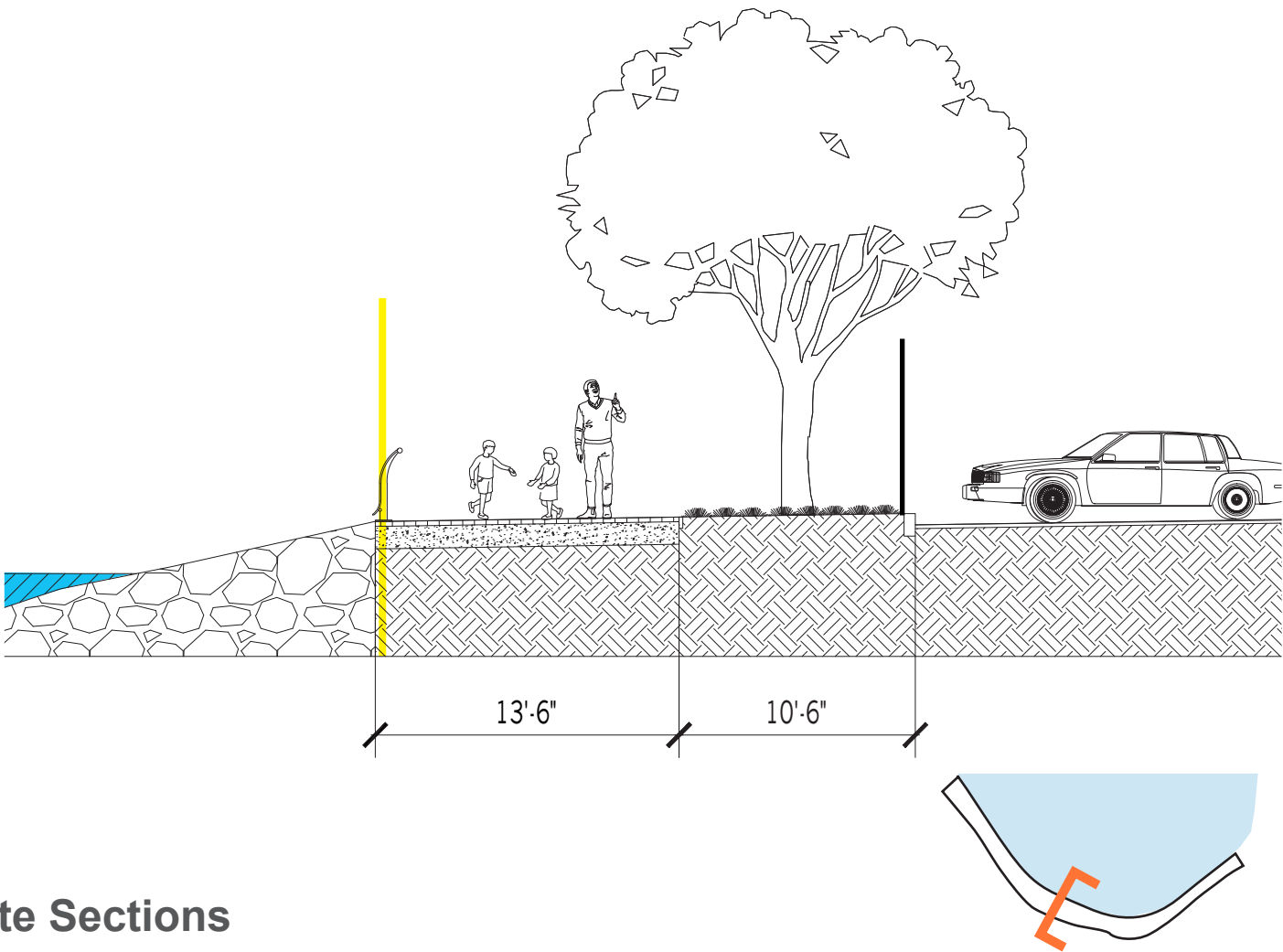
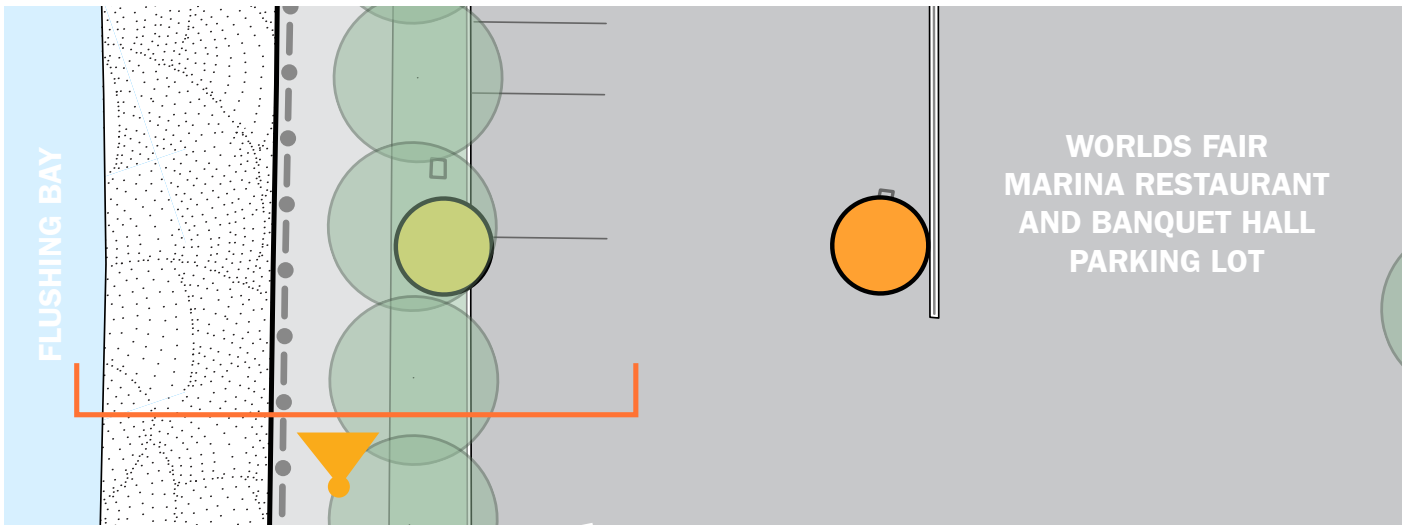
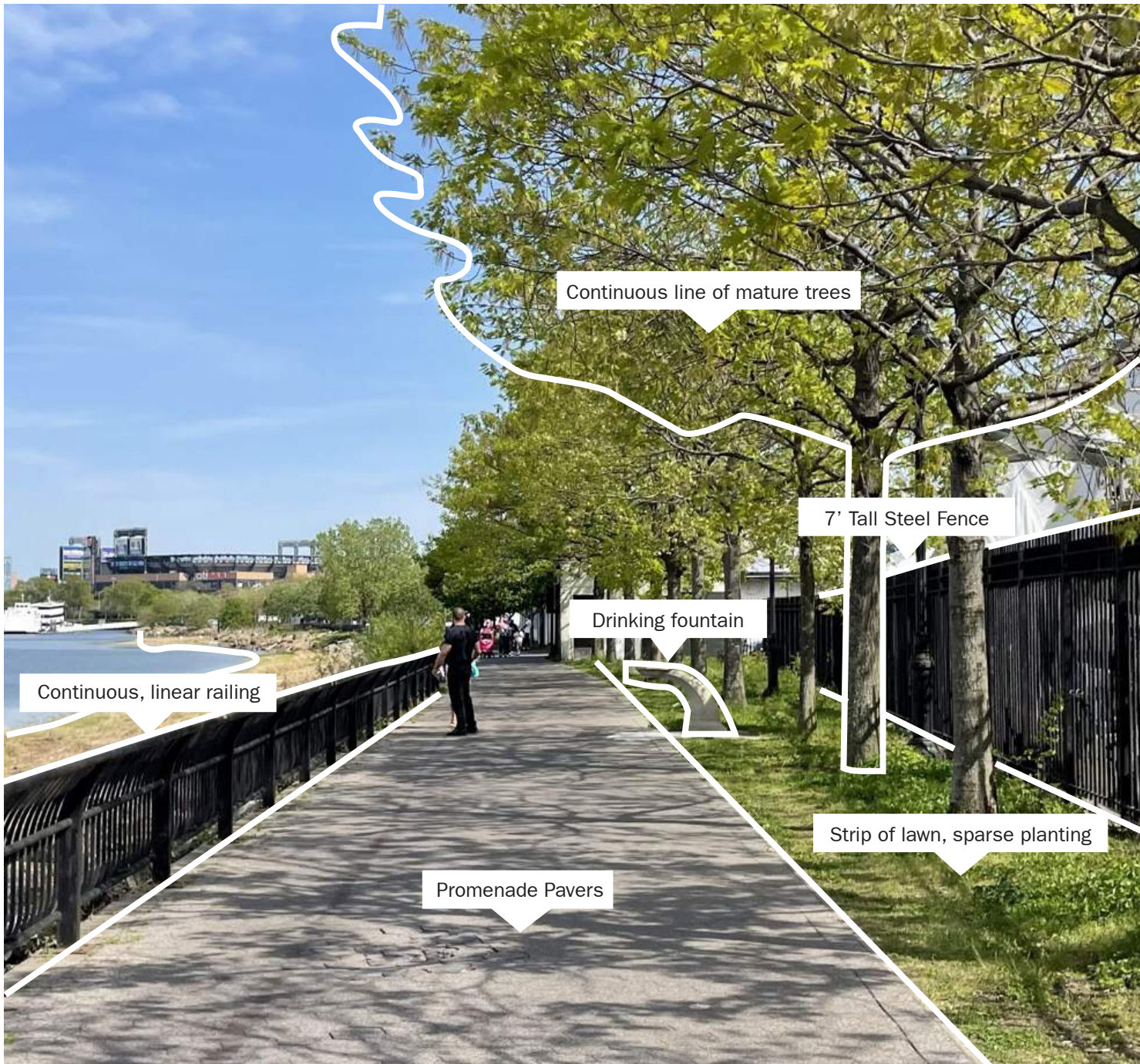
Lifting Pavers



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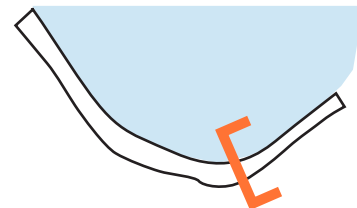
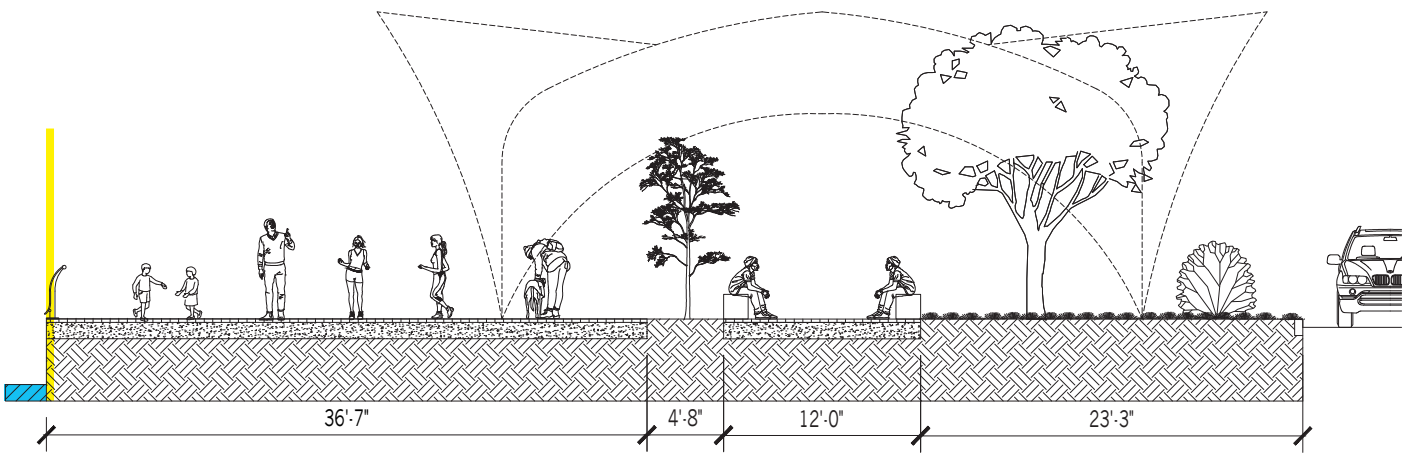
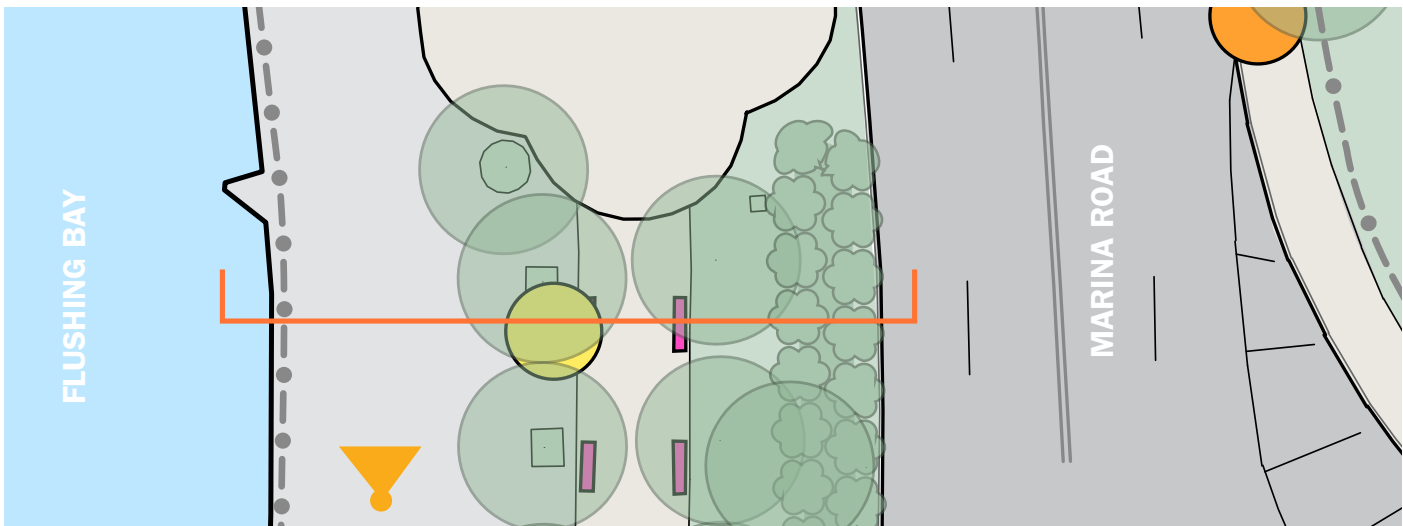
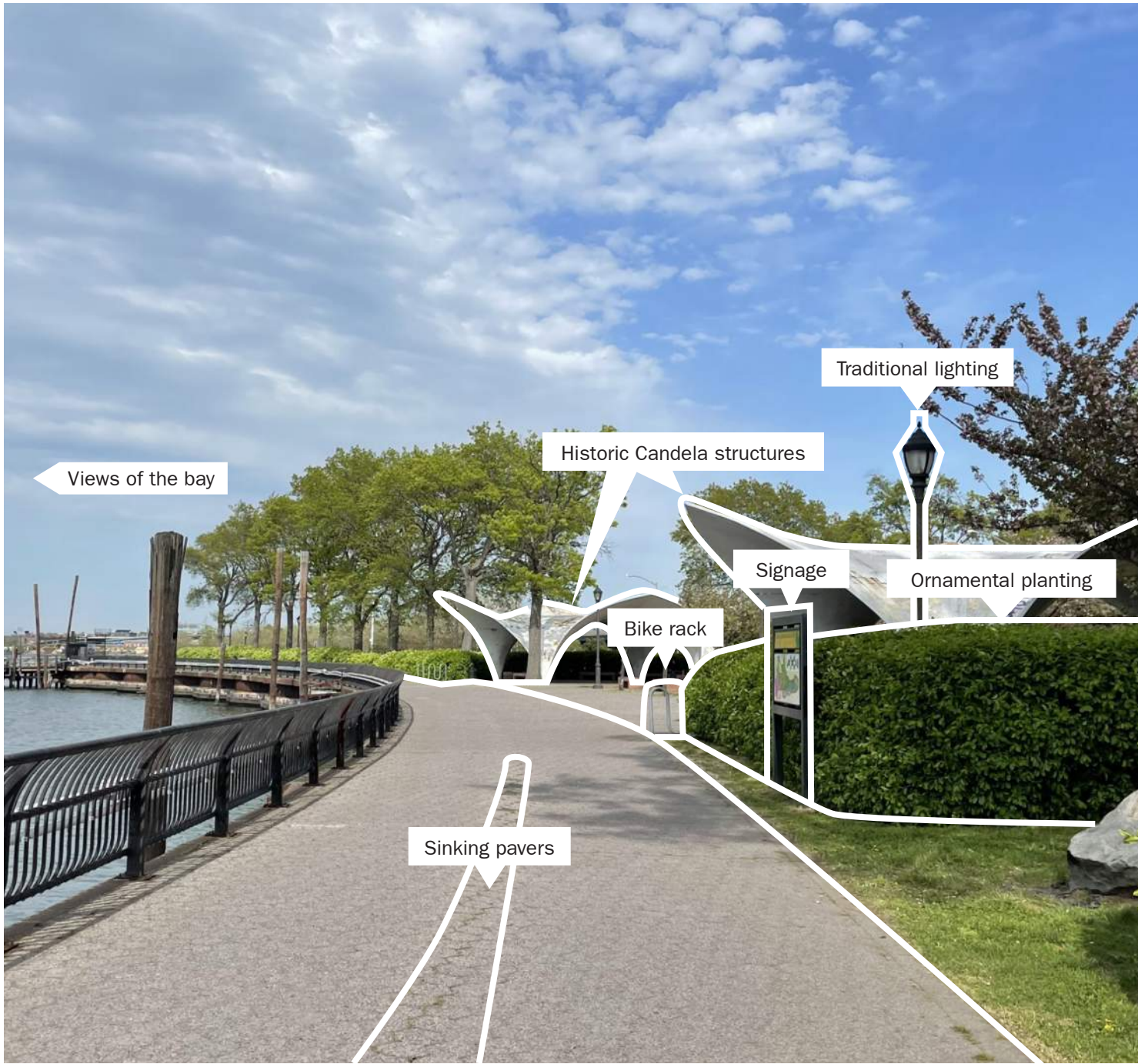
Flushing Bay Promenade Improvements | Site Photos





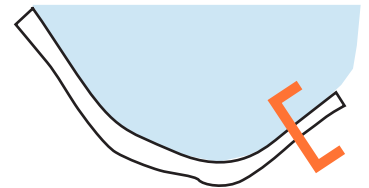
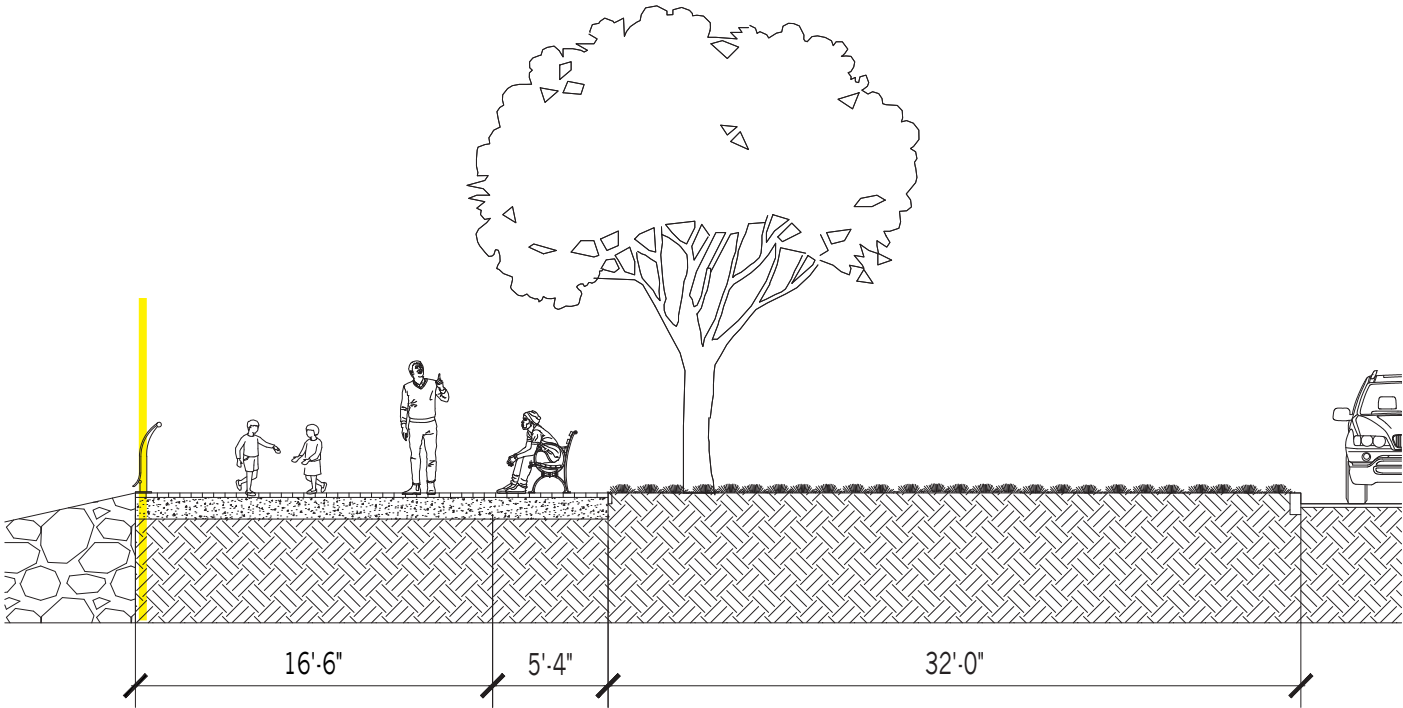
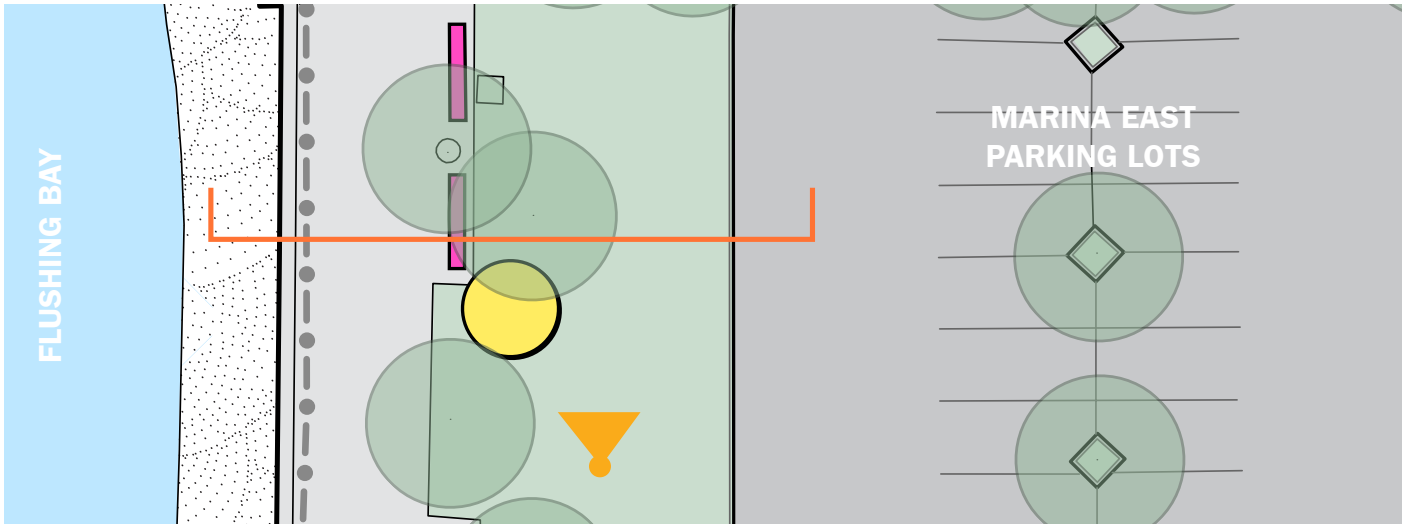
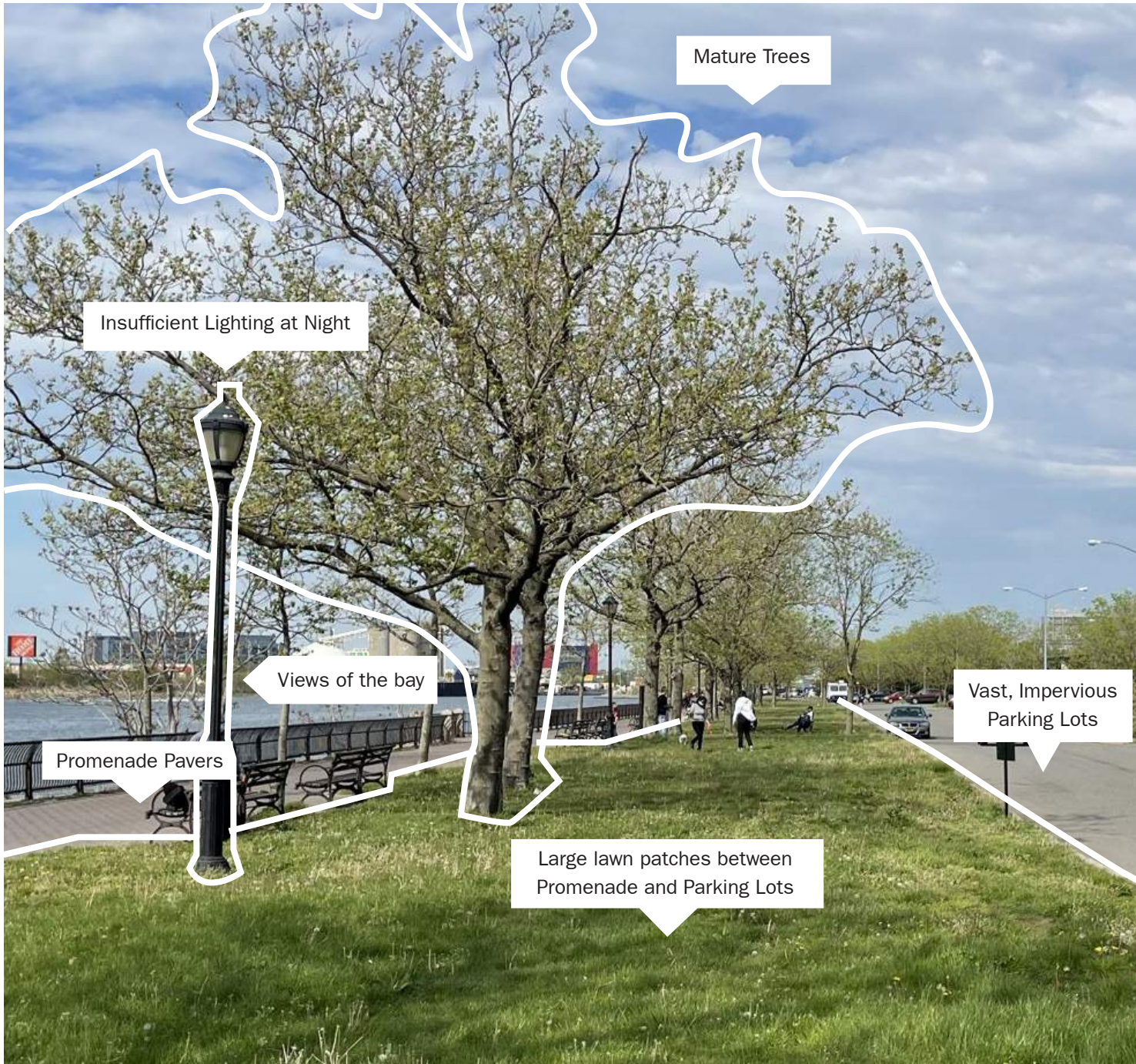
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Flushing Bay Promenade Improvements | Site Sections



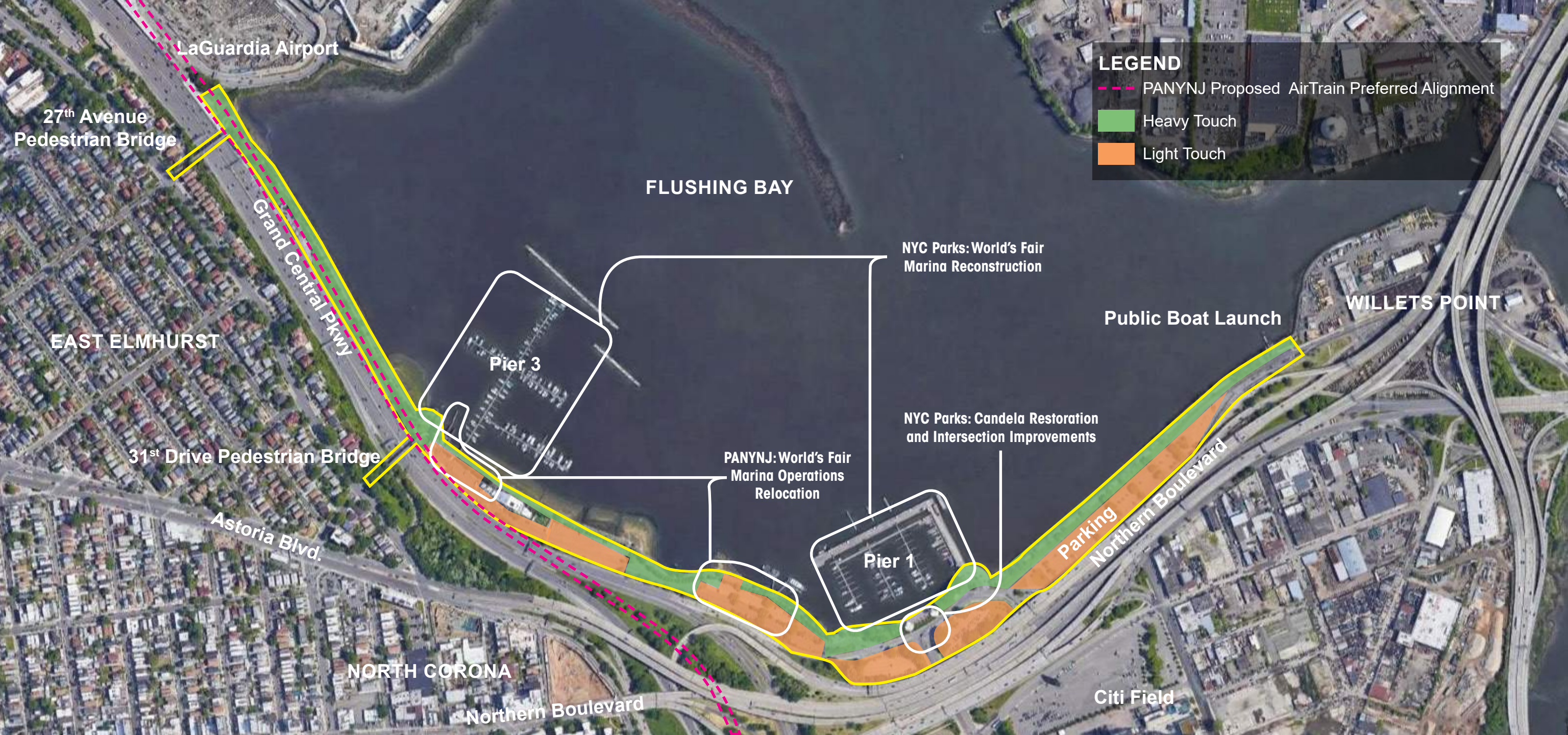
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Flushing Bay Promenade Improvements | Site Sections



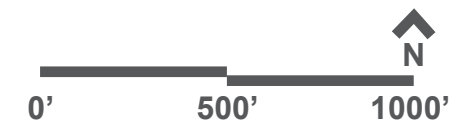
MARVEL

Flushing Bay Promenade Improvements | Site Sections



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Flushing Bay Promenade Improvements | Opportunities and Constraints





LaGuardia Airport

LEGEND

--- PANYNJ Proposed AirTrain Preferred Alignment

— Project Limit

27th Avenue
Pedestrian Bridge

FLUSHING BAY

NEIGHBORHOOD
CONNECTION

EAST ELMHURST

Pier 3

MARINA + OPERATIONS

31st Drive Pedestrian Bridge

Astoria Blvd.

NORTH CORONA

Northern Boulevard

Public Boat Launch

WILLETS POINT

DESTINATION

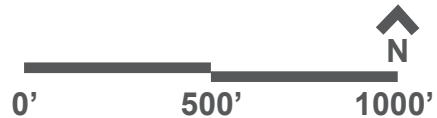
Parking
Northern Boulevard

Citi Field



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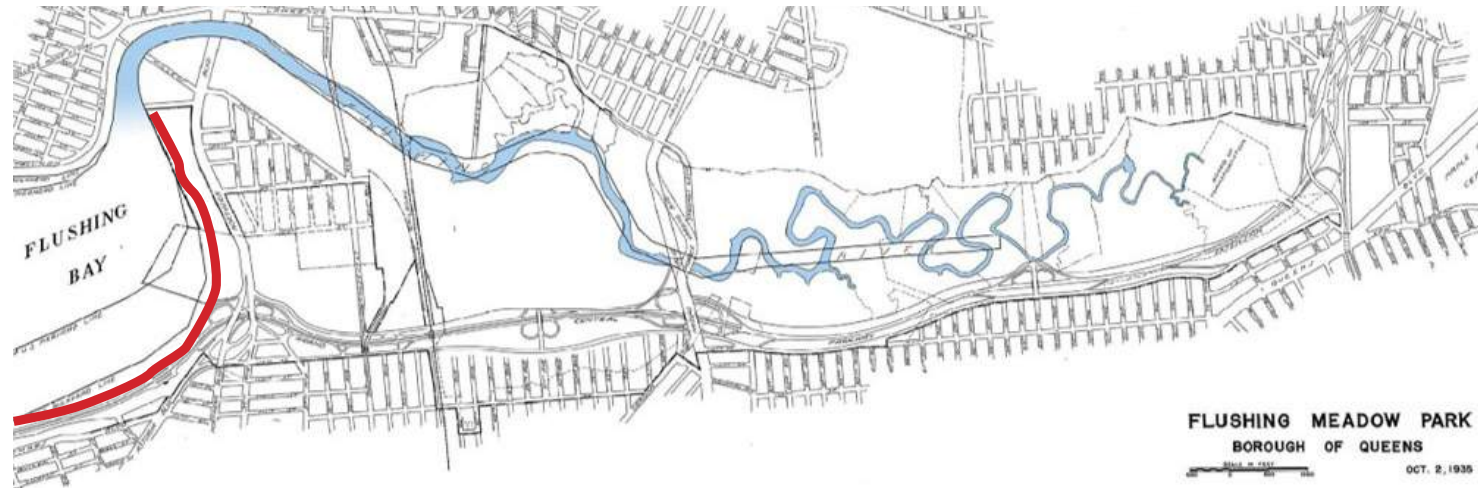
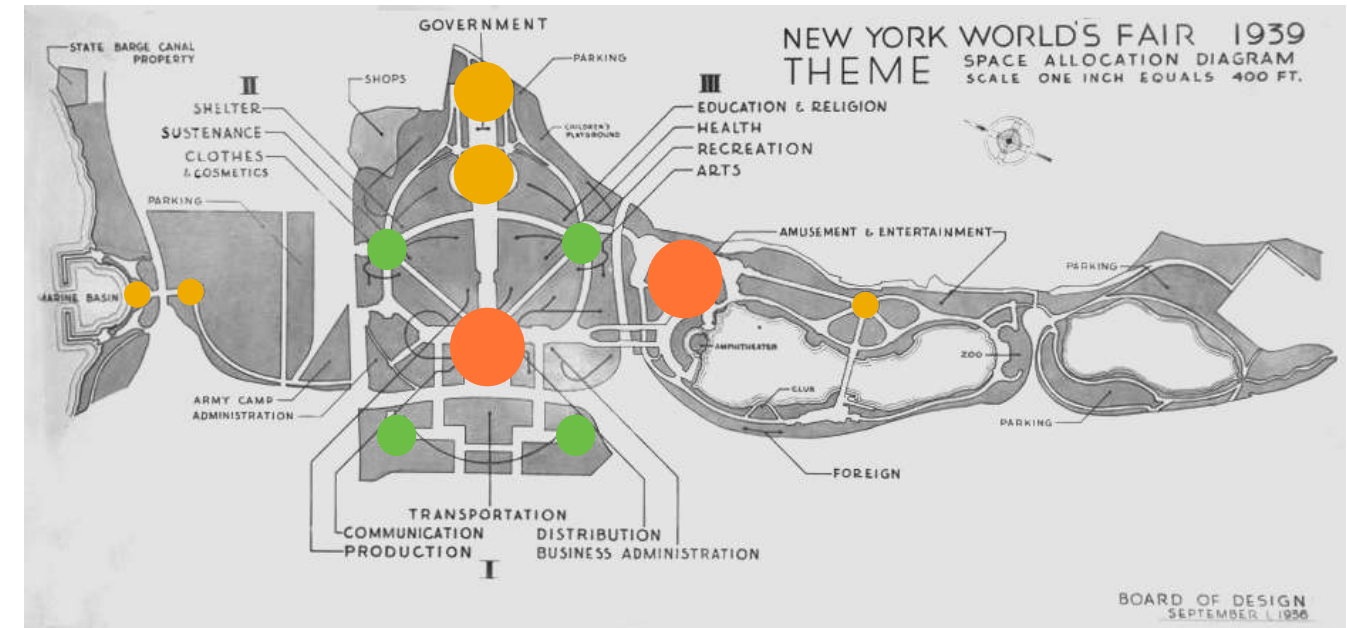
Flushing Bay Promenade Improvements | Site Understanding



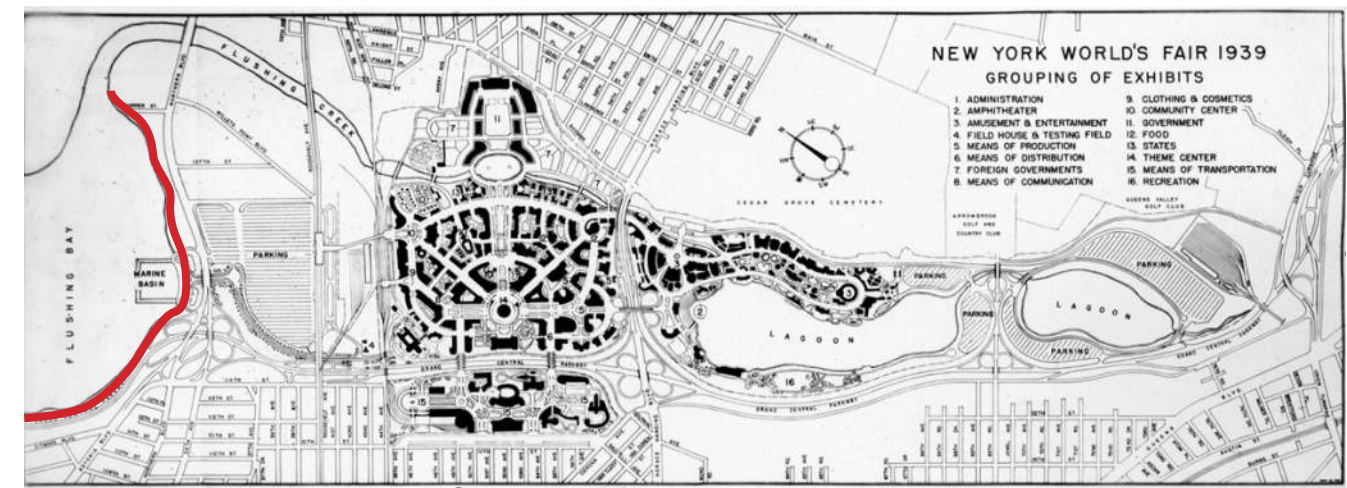
	NEIGHBORHOOD CONNECTION	MARINA AND OPERATIONS	DESTINATION
EXISTING CONDITIONS	Limited amenities	Instances of conflict between Promenade uses and operations uses	Widest section of the Promenade
OPPORTUNITIES	Programming to support adjacent neighboring community	Maximize promenade experience Views of the water and skyline, passive seating	Outdoor educational uses
CONSTRAINTS	Proximity to Grand Central Parkway / AirTrain LGA	Ensure safe interactions with water and promenade for all users	Parking lease agreement with the Mets



+



Ribbons



Nodes



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Flushing Bay Promenade Improvements | Approach - Ribbons and Nodes



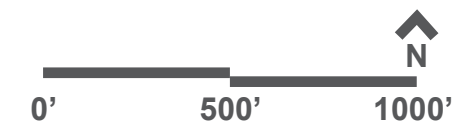
LEGEND

- Green Belt / Space
- Pedestrian/ Bike Path
- Quiet Seating
- PANYNJ Proposed AirTrain Preferred Alignment
- Promenade Access and Circulation



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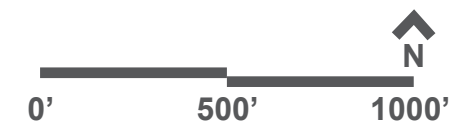
Flushing Bay Promenade Improvements | Site Approach - Ribbons





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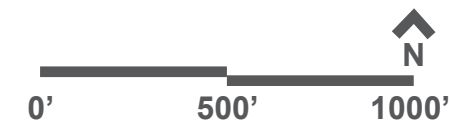
Flushing Bay Promenade Improvements | Site Approach - Primary Nodes





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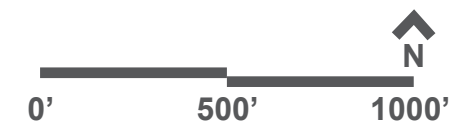
Flushing Bay Promenade Improvements | Site Approach - All Nodes





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Flushing Bay Promenade Improvements | Site Approach - Combined



Anticipated Design Schedule

- Conceptual design: Q3 2021
- Preliminary design: Q1 2022
- Final design: Q3 2022



Next Steps

- Complete site inspection and review of documents
- Develop conceptual design
- Anticipated next community meeting: August / September 2021
- Ongoing community engagement

Stay Tuned!

Promenade Improvements Website

<https://www.anewlga.com/airtrain/flushing-bay-promenade-improvements/>



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Flushing Bay Promenade Improvements

Q/A and Feedback



Need More Info?

Promenade Improvements Website

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