



**Parks**

# **LGA AirTrain Passerelle Overpass Reconstruction**

**From NYCT 7 Train Mets-Willets Point Station  
to the Flushing Meadows Corona Park David Dinkins Circle Entrance**

Located between Roosevelt Ave and Meridian Rd,  
in the Borough of Queens.

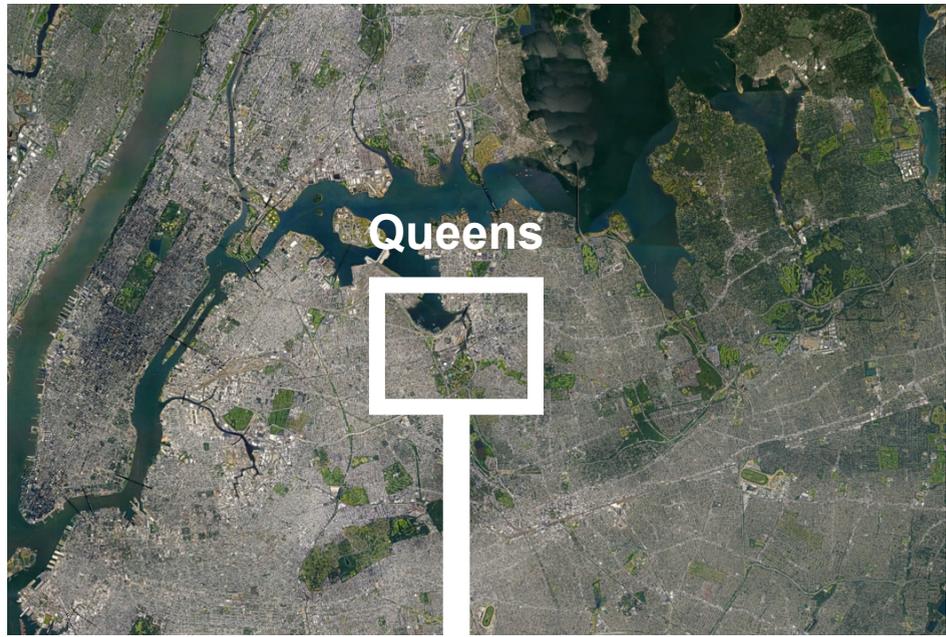
PDC Preliminary Review  
March 26, 2021  
STV Inc, WSP, NYC Parks, PANYNJ

**Total Budget:**     \$124M

**Project Size:**     3.7 acres

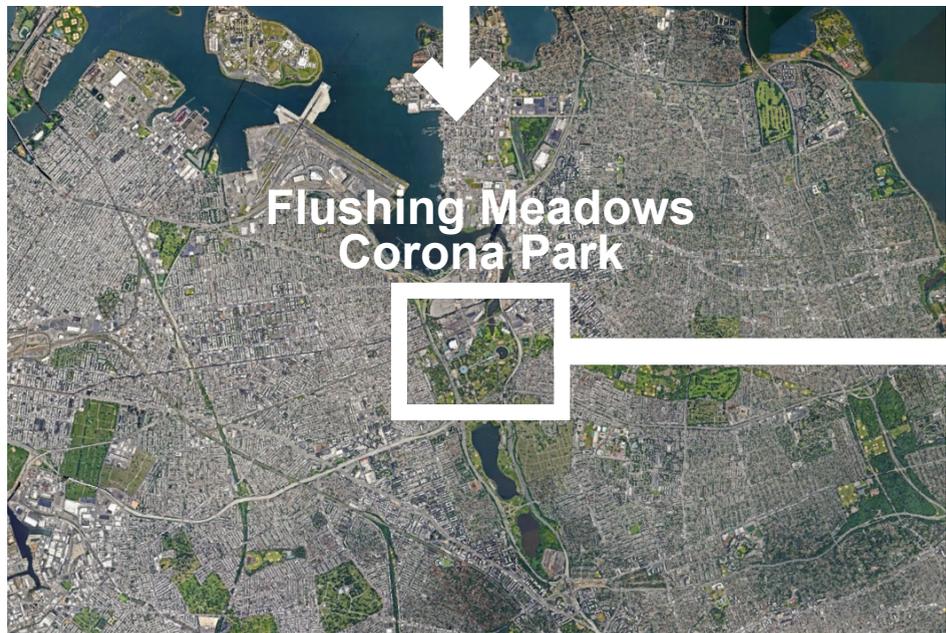
# Goals

- Reconstruct the Passerelle Overpass in relation to the new AirTrain Guideway/Terminal
- Maintain and/or restore historic World's Fair elements
- Provide security lighting
- Provide ADA compliant ramps
- Integrate Passerelle with the AirTrain Terminal/LIRR Station



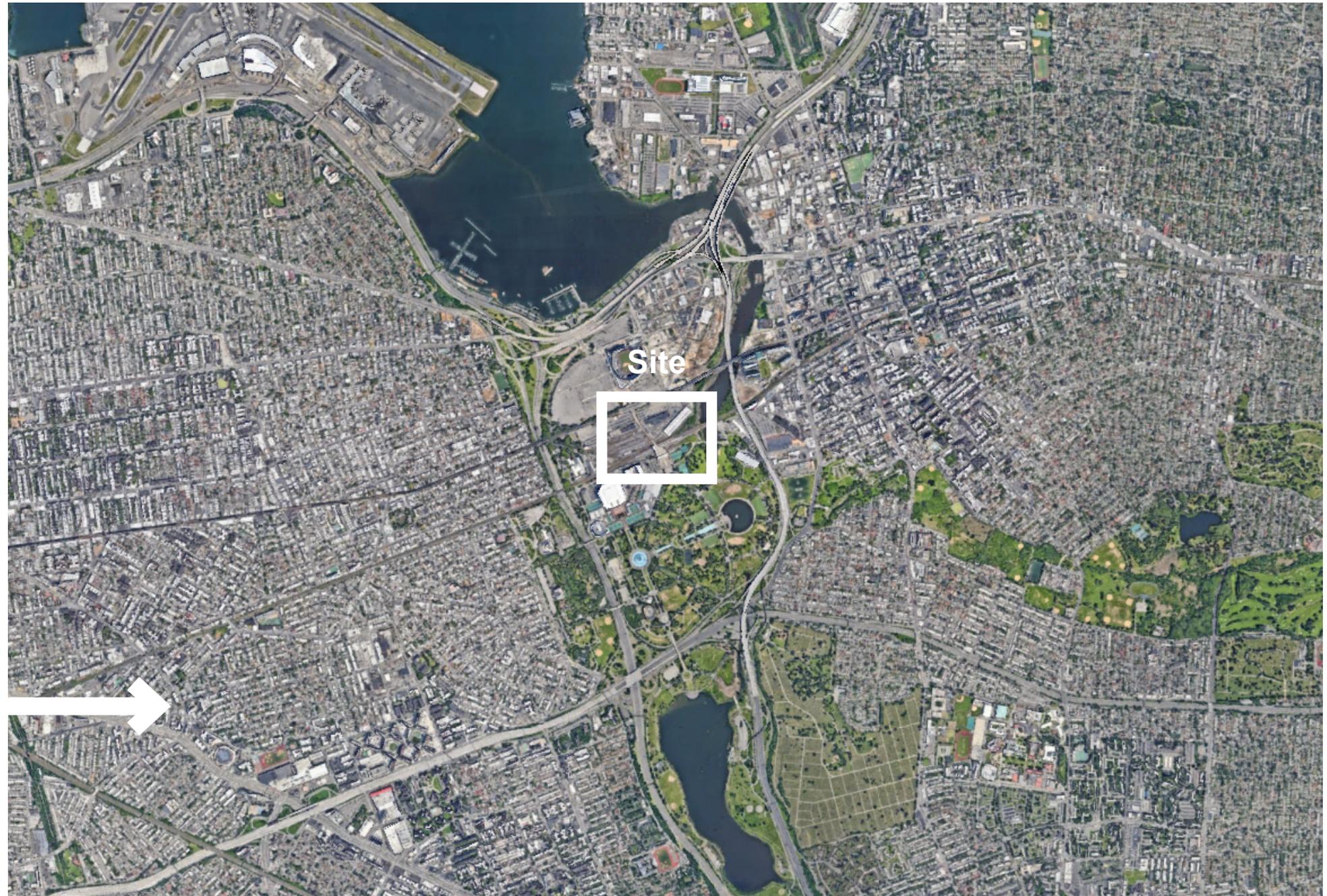
City

2 MI



Neighborhood

1000 FT



Site

200 FT



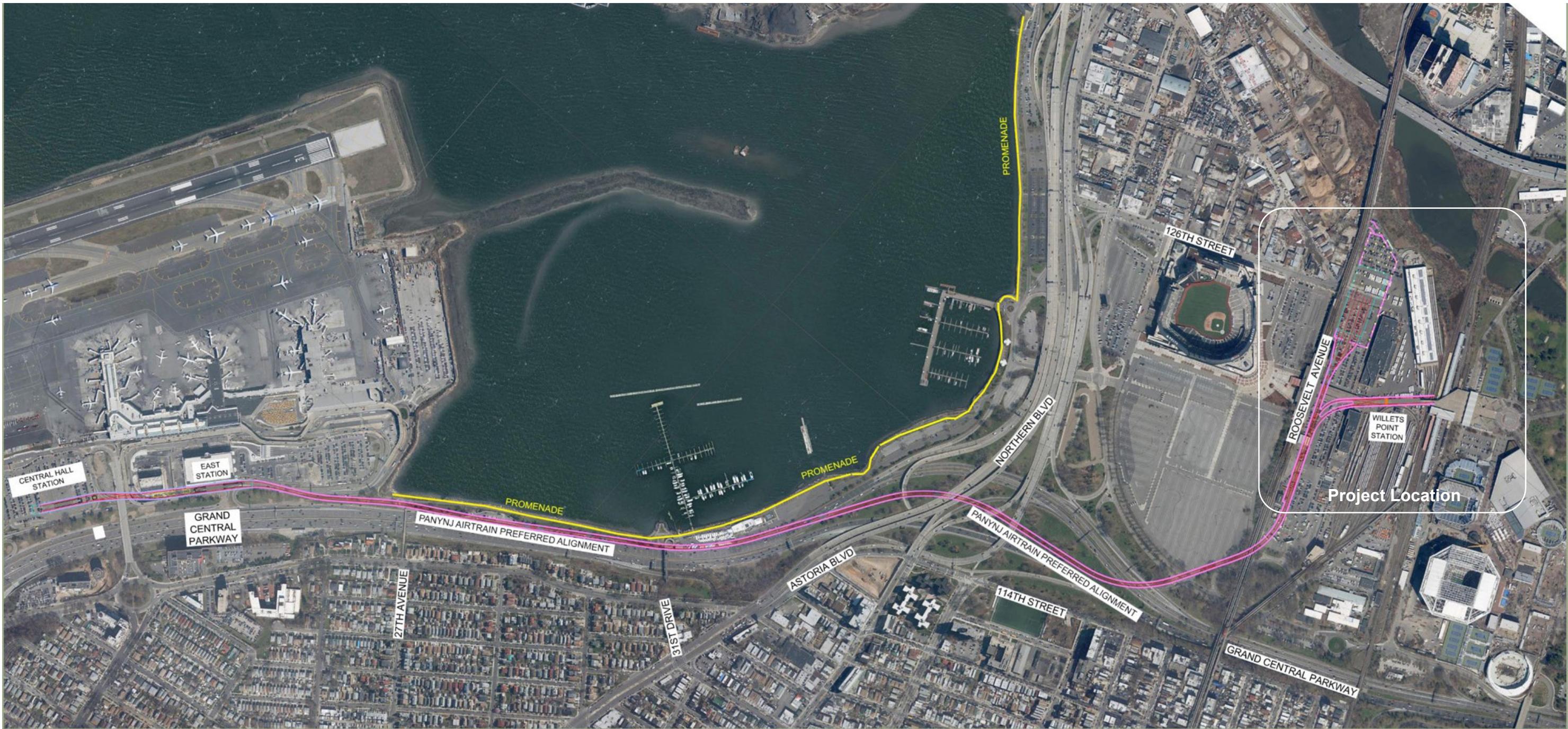
NYC Parks

THE PORT AUTHORITY OF NY & NJ



# PDC Preliminary Review LGA AirTrain Passerelle Overpass Reconstruction | Project Location

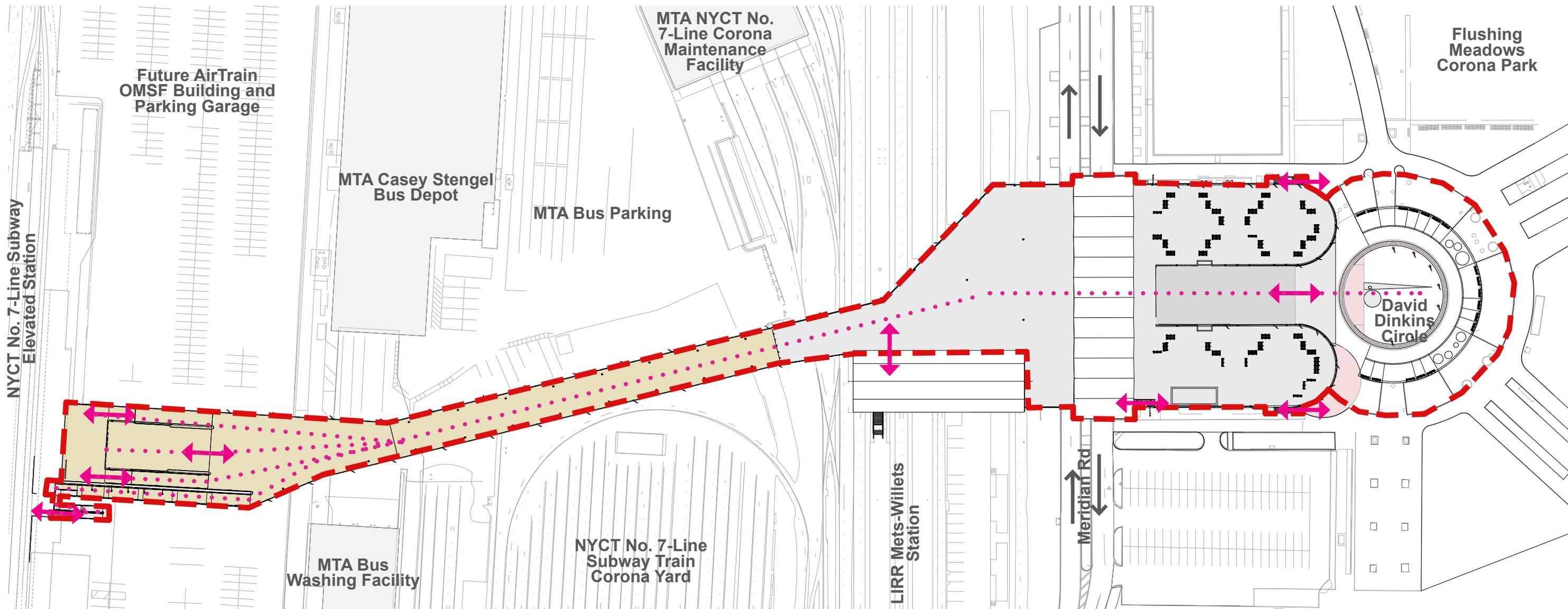




PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Project Location



NTS



→ Vehicular Traffic      - - - Project Limit      ↔ Entrance      •••• Pedestrian Traffic



**PDC Preliminary Review**  
**LGA AirTrain Passerelle Overpass Reconstruction | Existing Site Analysis**

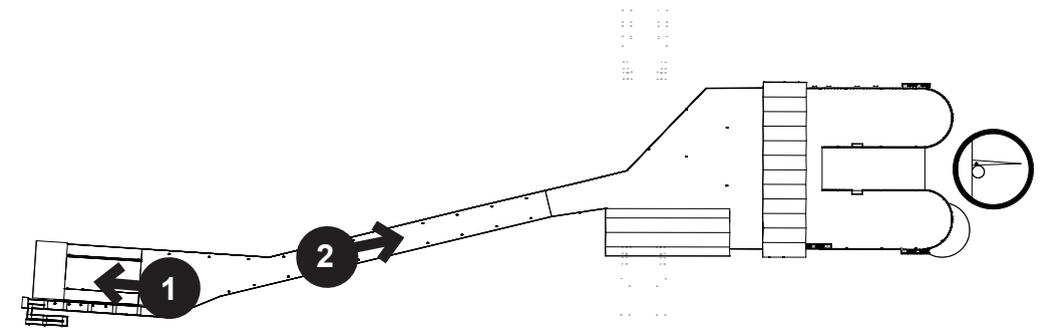




1 - View North toward Roosevelt Avenue (NYCT 7 Train Mets Willets Point Station)



2 - View South toward FMCP (LIRR Mets Willets Point Station)

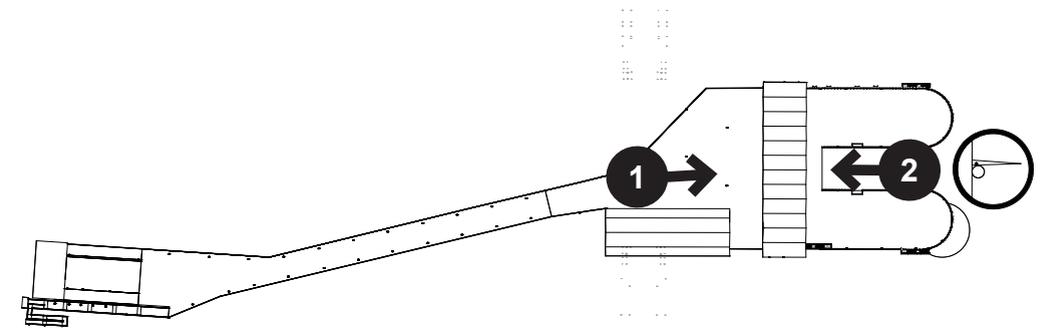


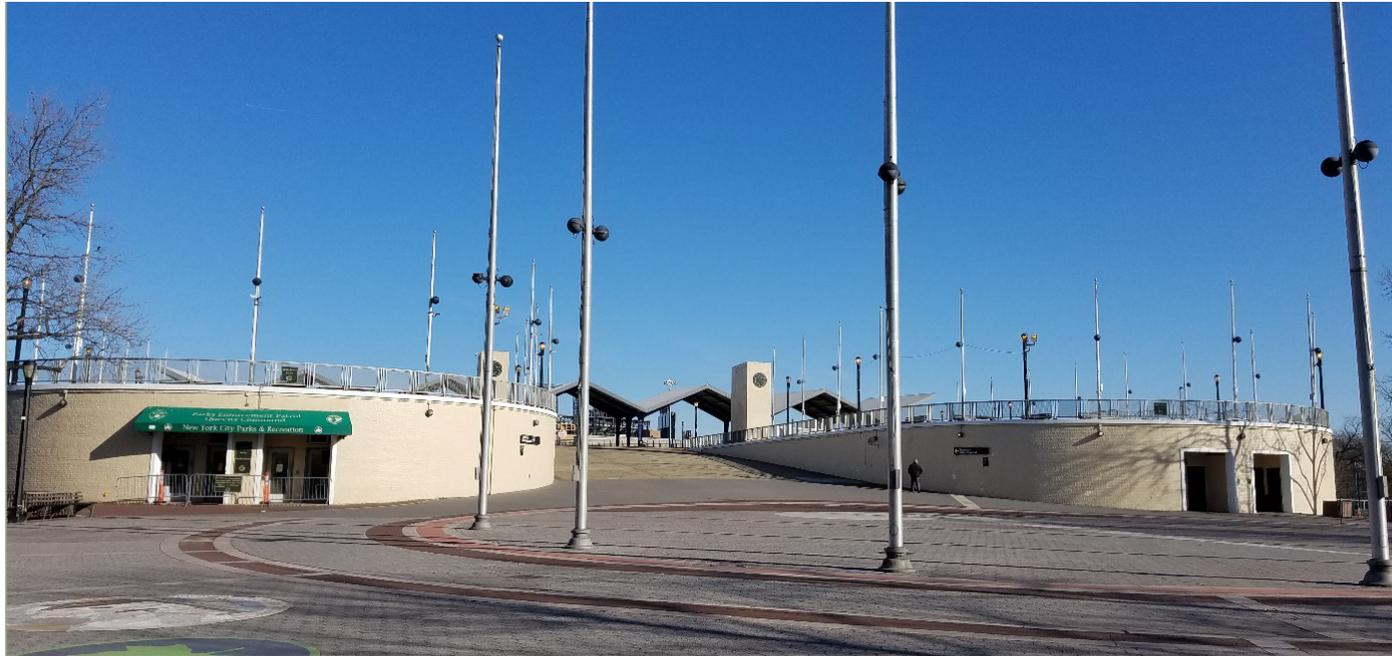


1 - View South toward FMCP (David Dinkins Circle)



2 - View North toward Historic Canopy Structure

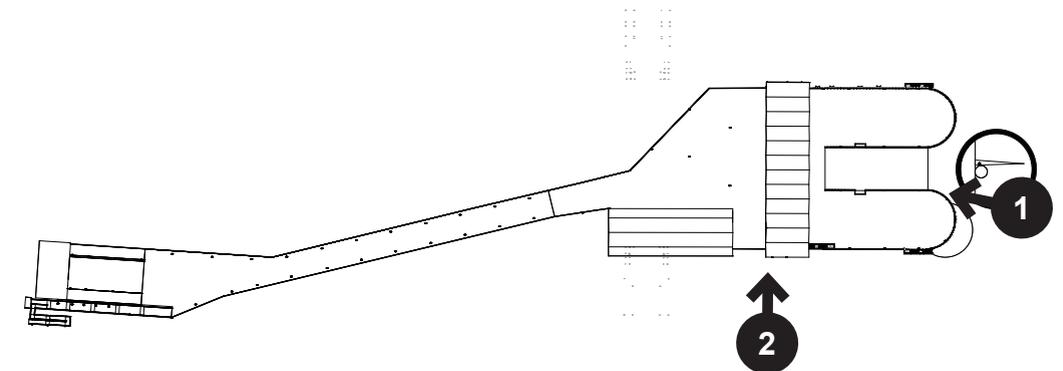




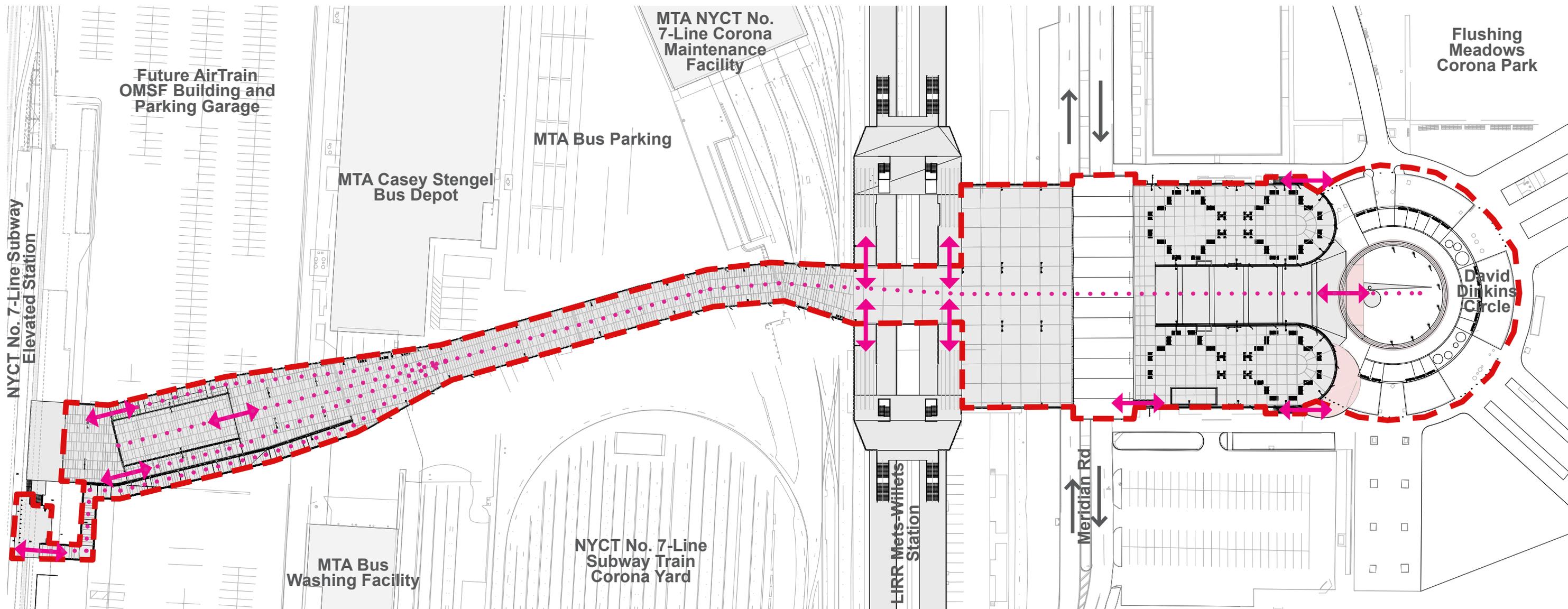
1 - View North from David Dinkins Circle



2 - View West to Meridian Road



PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Site Photos



→ Vehicular Traffic    - - - - Project Limit    ↔ Entrance    . . . . Pedestrian Traffic



**PDC Preliminary Review**  
**LGA AirTrain Passerelle Overpass Reconstruction | Preliminary Schematic Design**





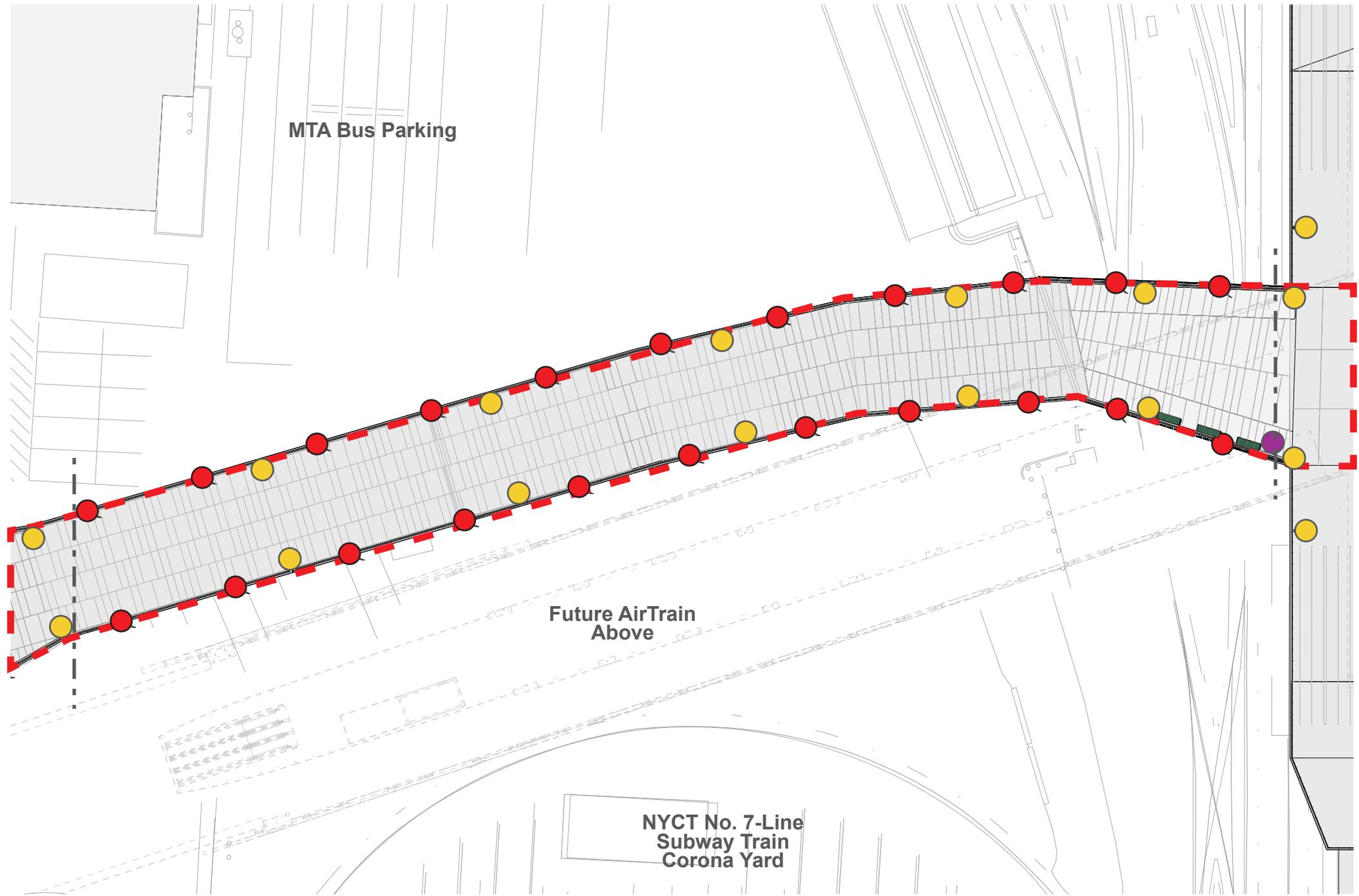
**Legend**

- - - Project Limit
- ↔ Park Entrance
- Concrete Paving with Exposed Aggregate
- Concrete Scoring
- Tree
- Parks Lightpole
- Parks Flagpole
- Traffic
- Parks Bollard - Type and Location TBD
- Trash Receptacle
- Parks Bench



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Preliminary North End Design**





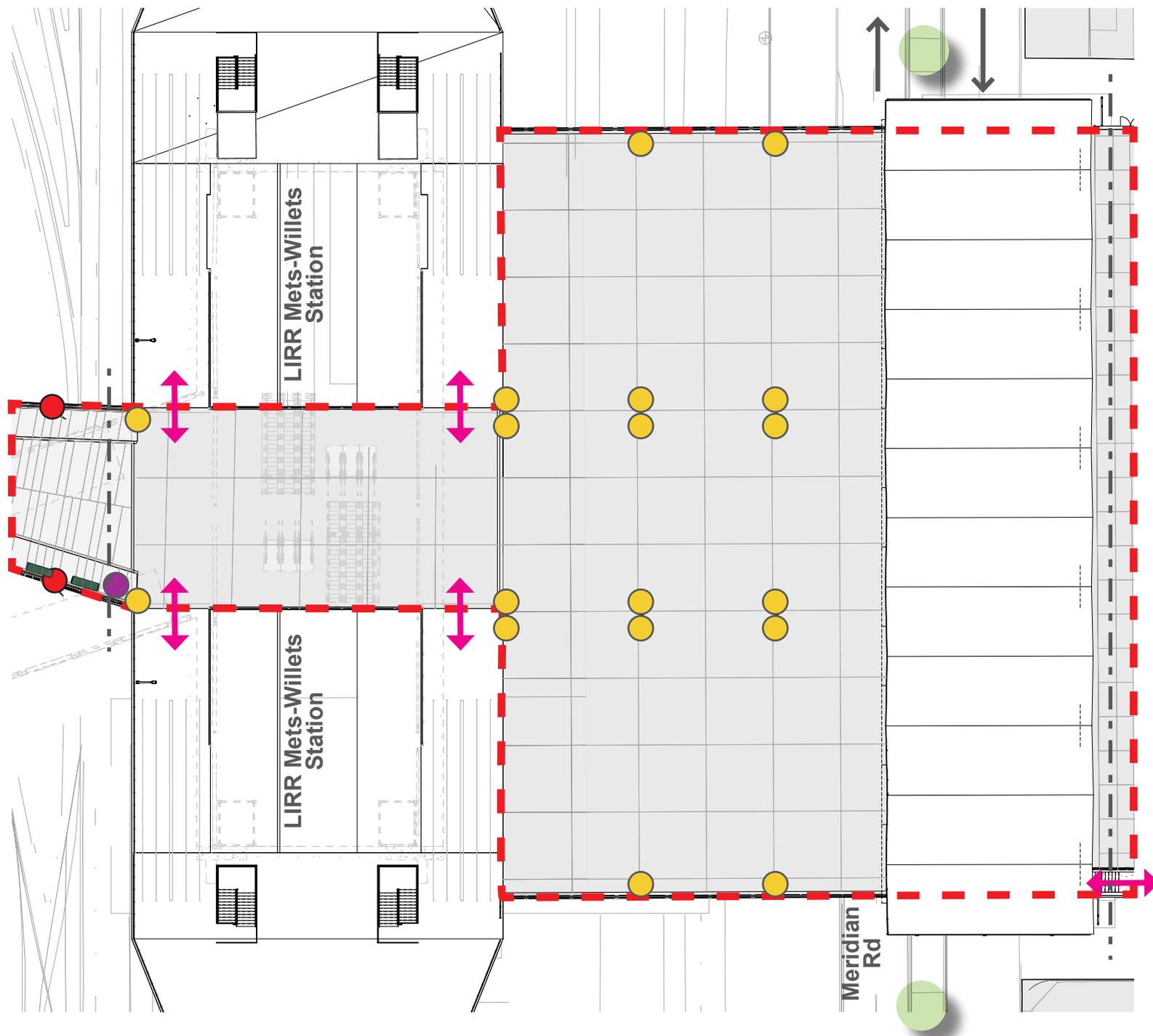
**Legend**

- - - Project Limit
- ↔ Park Entrance
- Concrete Paving with Exposed Aggregate
- Concrete Scoring
- Parks Lightpole
- Parks Flagpole
- Parks Bench
- Trash Receptacle



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Preliminary Bridge Design**





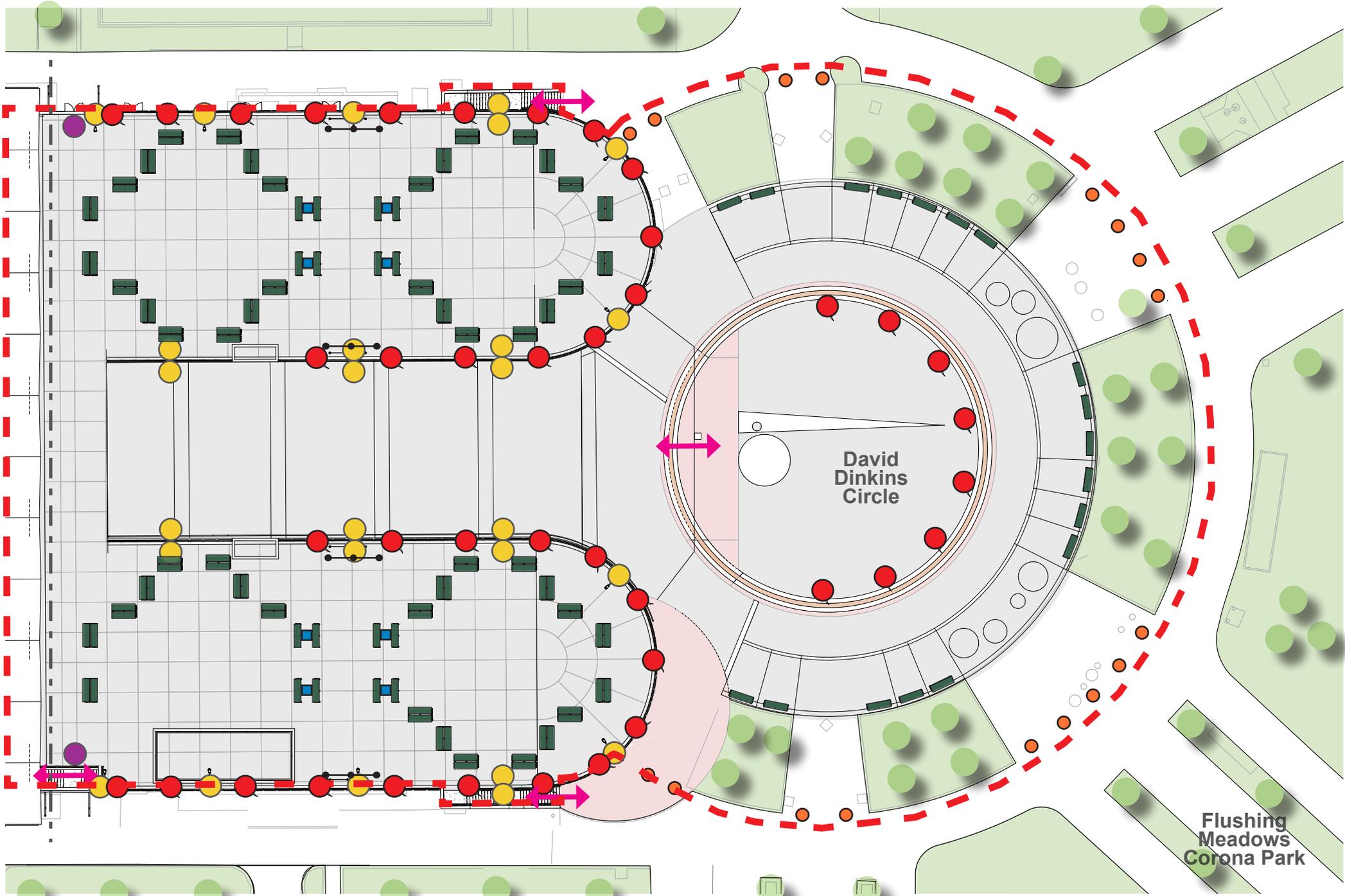
**Legend**

- - - Project Limit
- ↔ Park Entrance
- Concrete Paving with Exposed Aggregate
- Concrete Scoring
- Tree
- Parks Lightpole
- Parks Flagpole
- ← Traffic
- Parks Bench
- Trash Receptacle



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Preliminary South End Design**





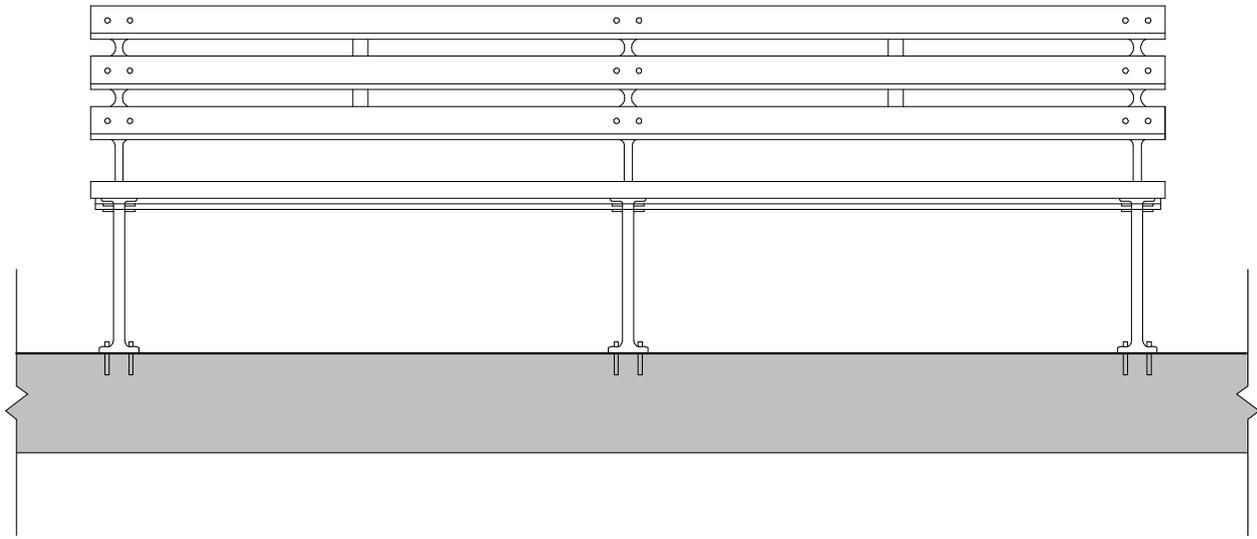
### Legend

- - - Project Limit
- ↔ Park Entrance
- Concrete Paving with Exposed Aggregate
- Concrete Scoring
- Tree
- Parks Lightpole
- Parks Flagpole
- ← Traffic
- Parks Bench
- Parks Bollard - Type and Location TBD
- Exhibit Signage - as requested by SHPO - TBD
- Table - TBD
- Planted
- Trash Receptacle

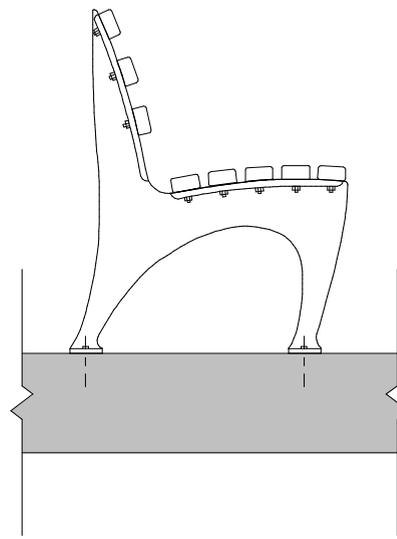


**PDC Preliminary Review**  
**LGA AirTrain Passerelle Overpass Reconstruction | Preliminary South End Design**

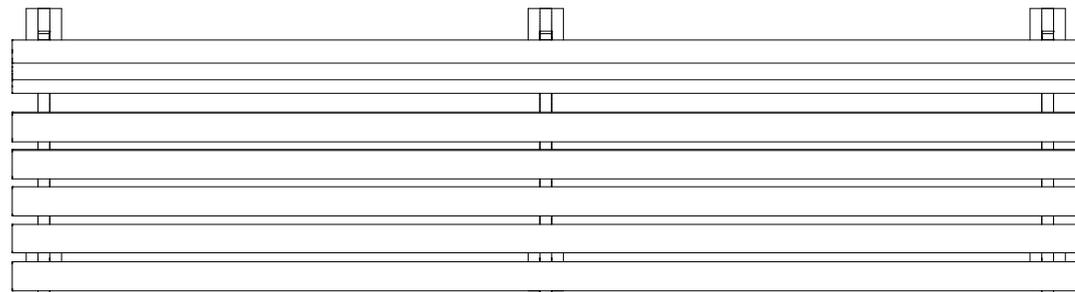




1964 World's Fair Bench Front and Side Elevation



Weathered Wood



1964 World's Fair Bench Plan



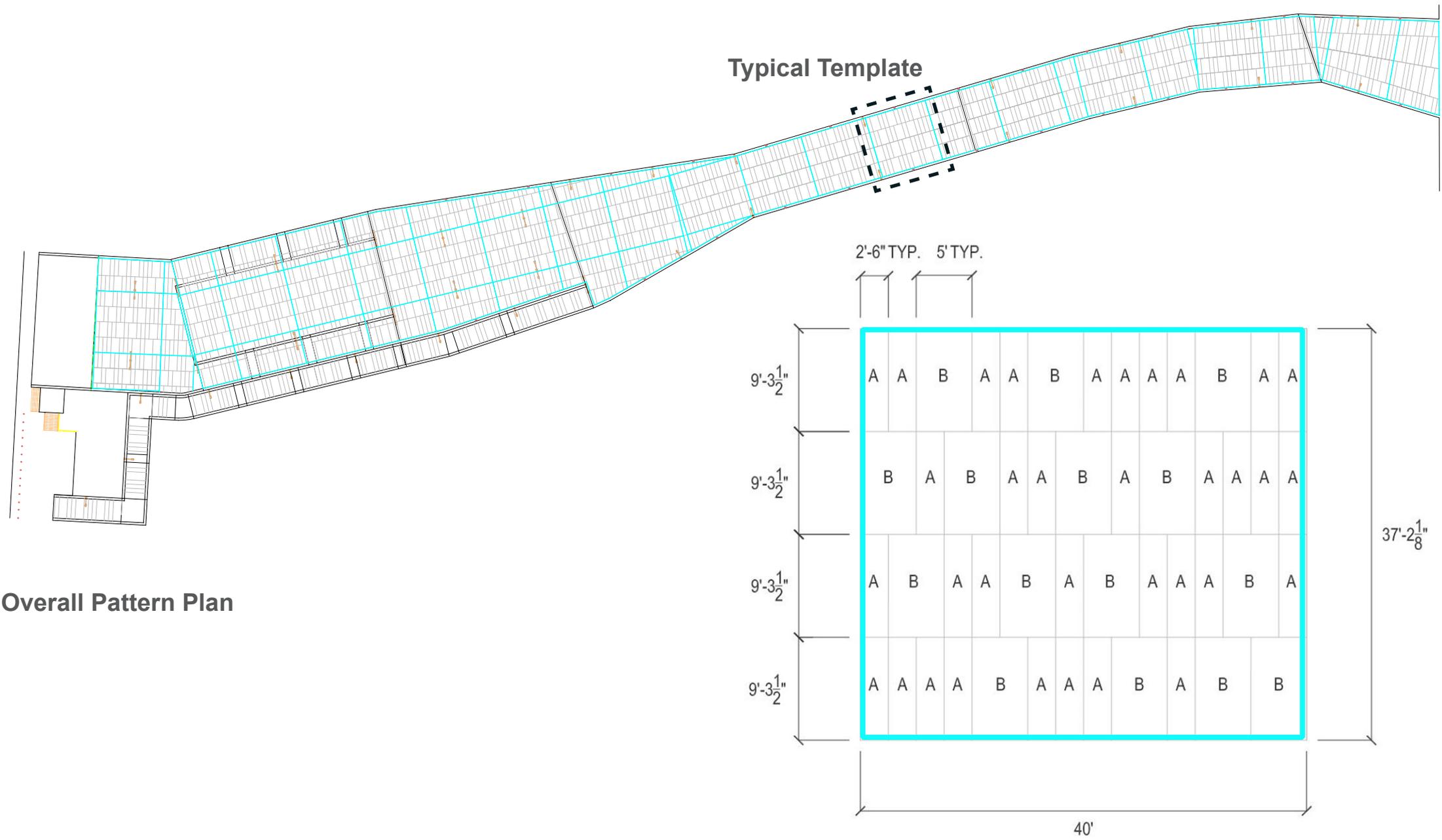
1964 World's Fair Bench



Trash Receptacle



PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Site Furnishings



Proposed Concrete | Brushed

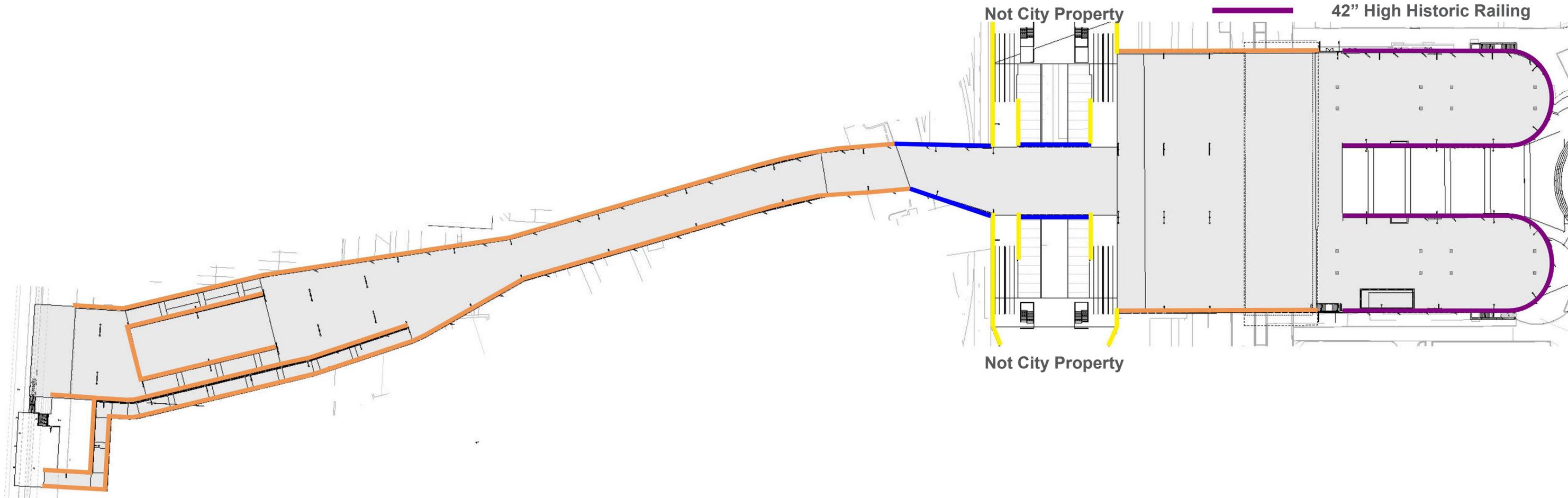


PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Paving Pattern



### Legend

- 54" High Custom Steel Railing
- 8' High NYCDOT "PDC Approved" Straight Chain Link Fence
- 8' High LIRR Fence
- 42" High Historic Railing



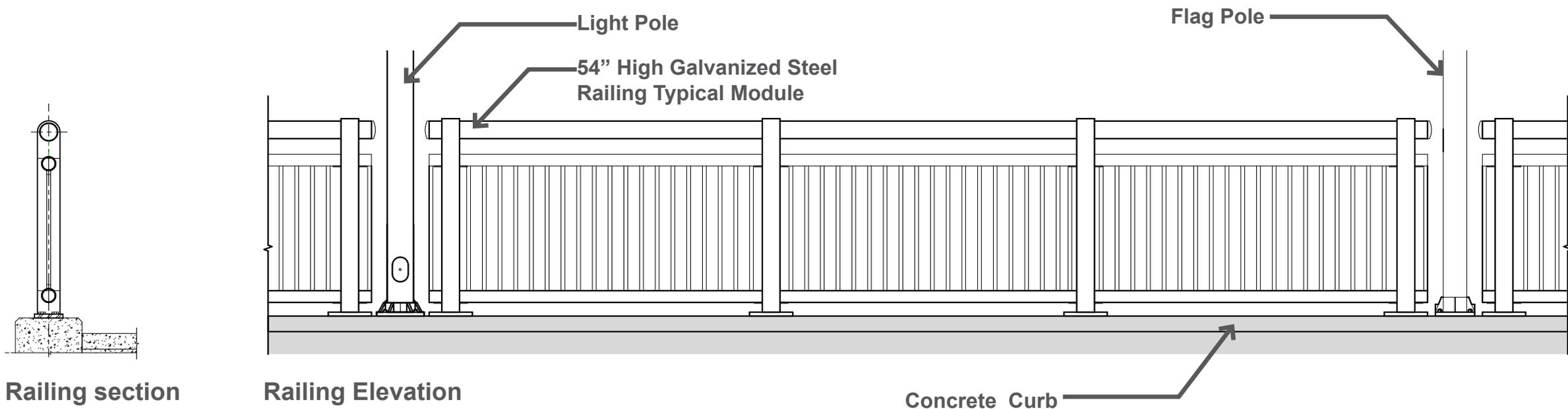
Railing Plan



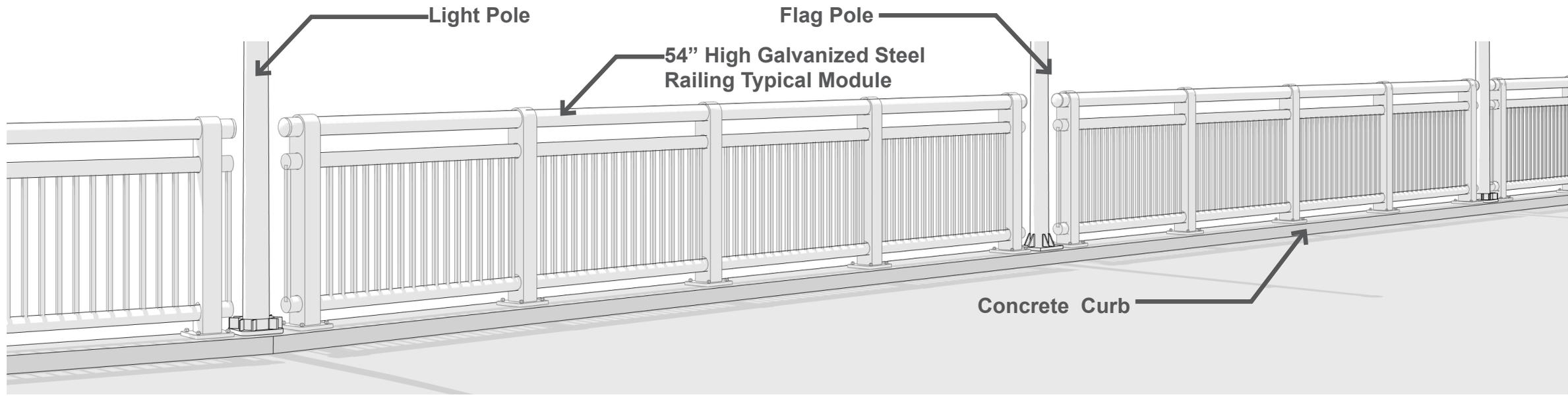
## PDC Preliminary Review LGA AirTrain Passerelle Overpass Reconstruction | Railing Plan



NTS



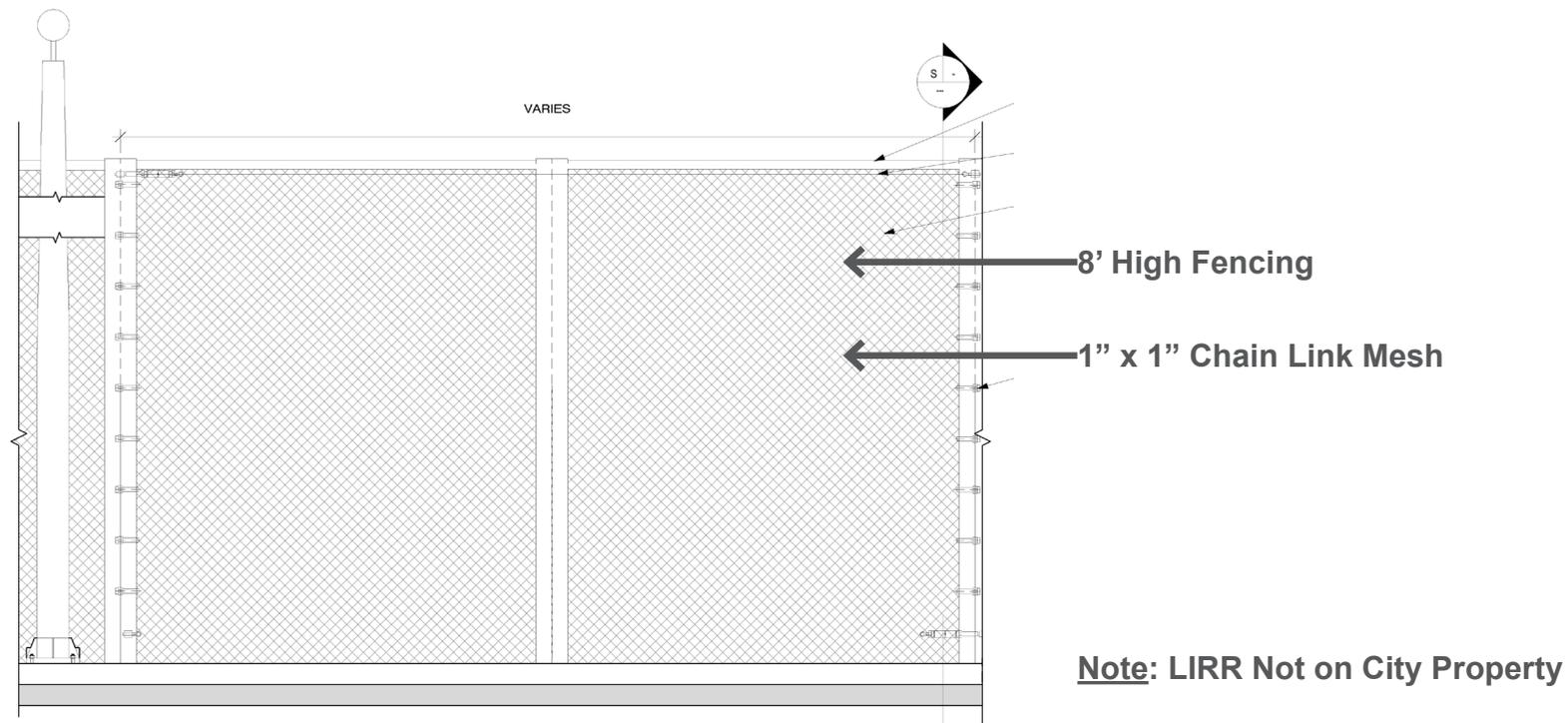
Galvanized Steel



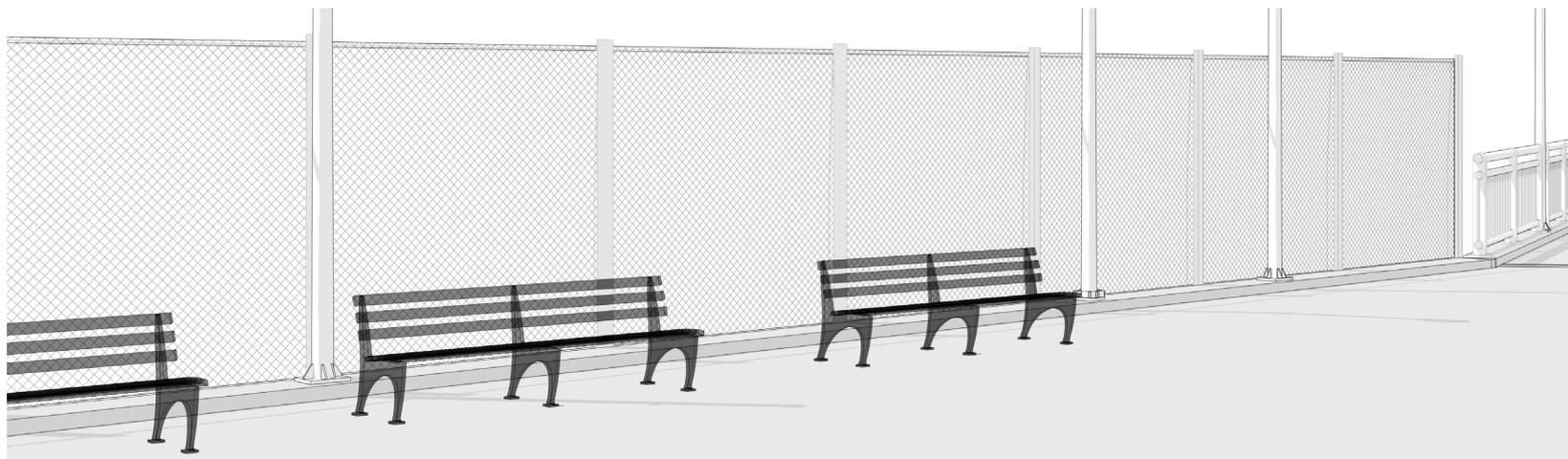
54" Railing Rendering



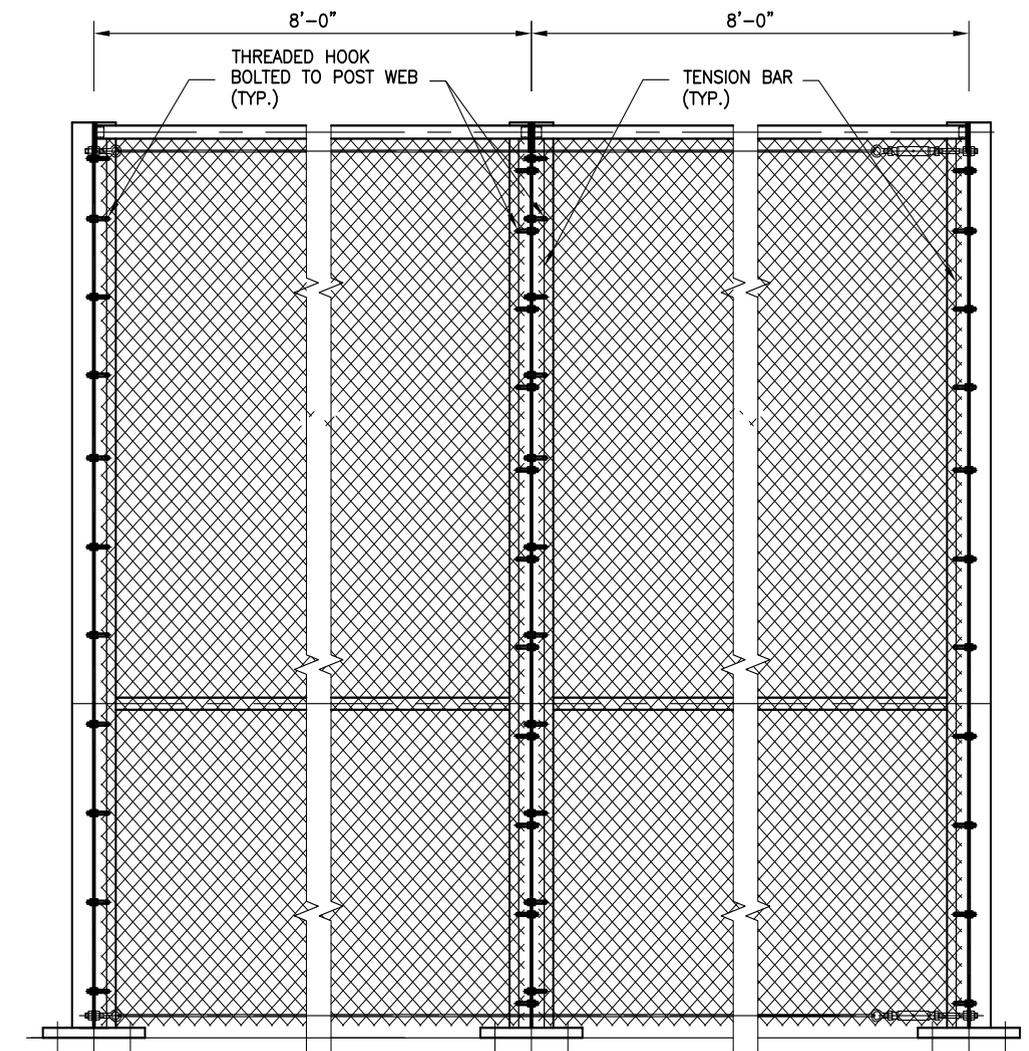
PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Railing



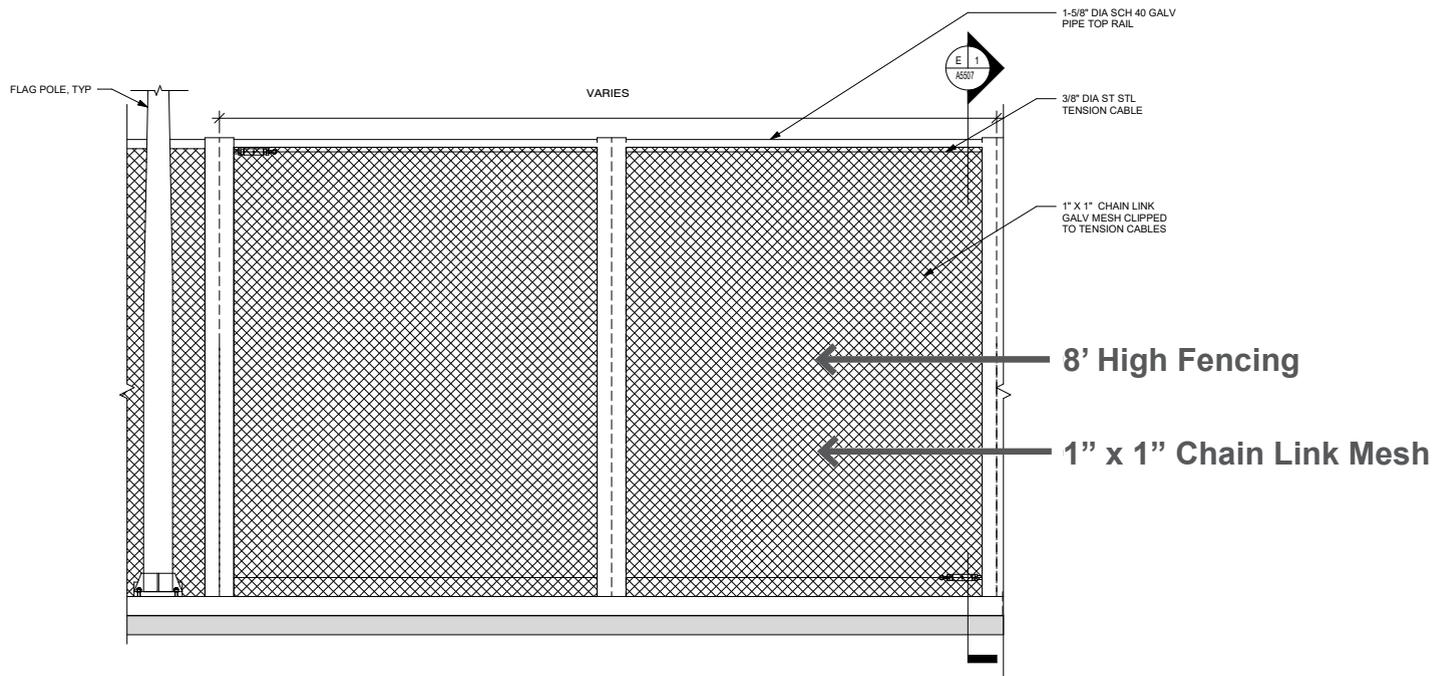
Chainlink Elevation



8' Chainlink Rendering

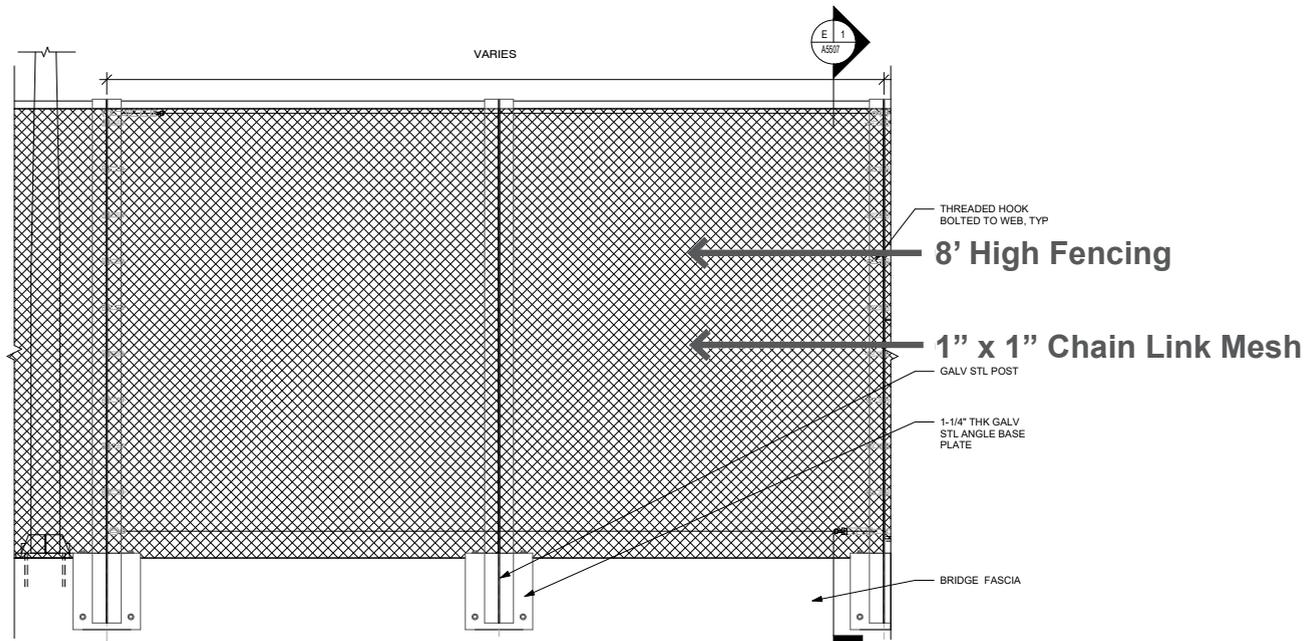


Typical NYCDOT Fence Segment



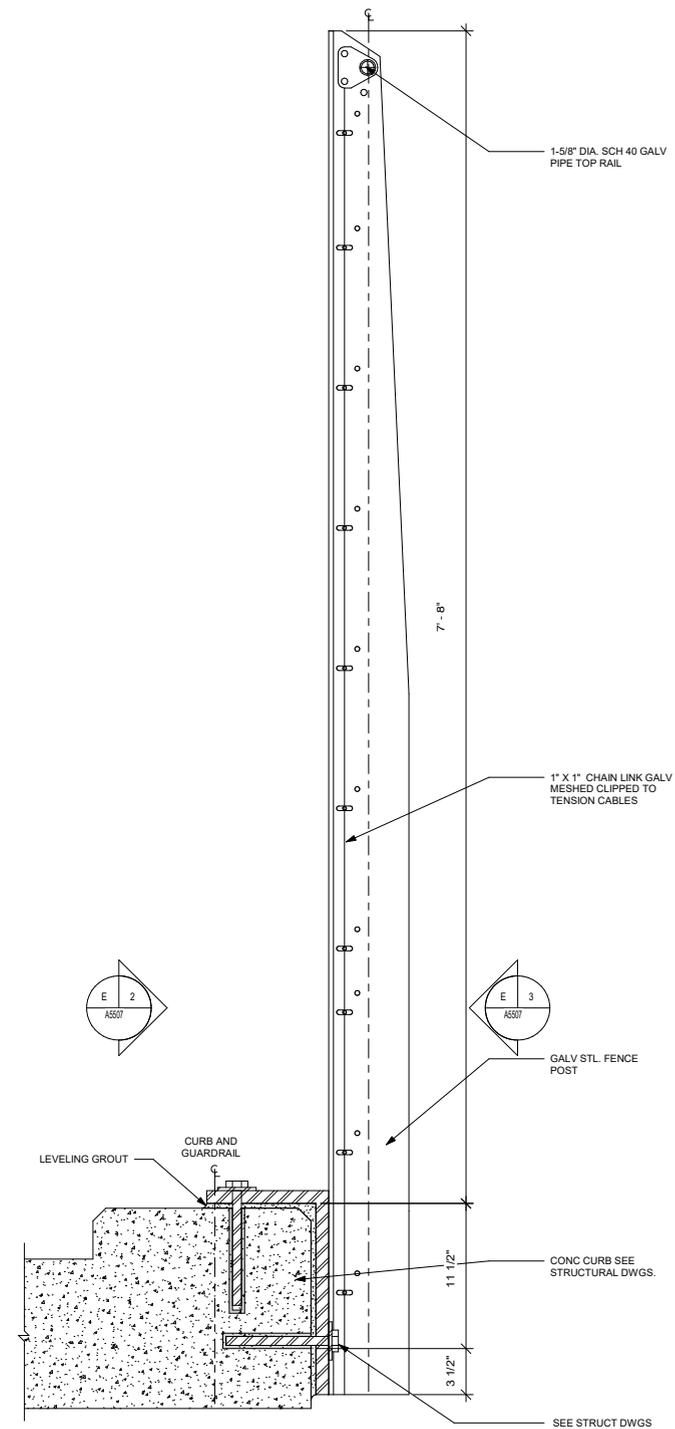
**Chainlink Interior Elevations**

**Note:** LIRR Not on City Property



**Chainlink Exterior Elevations**

**Note:** LIRR Not on City Property

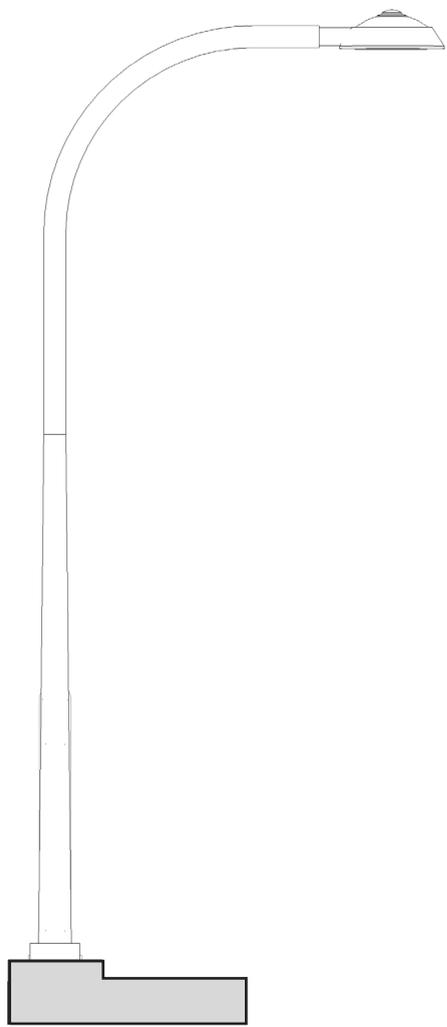


**Chainlink Section**

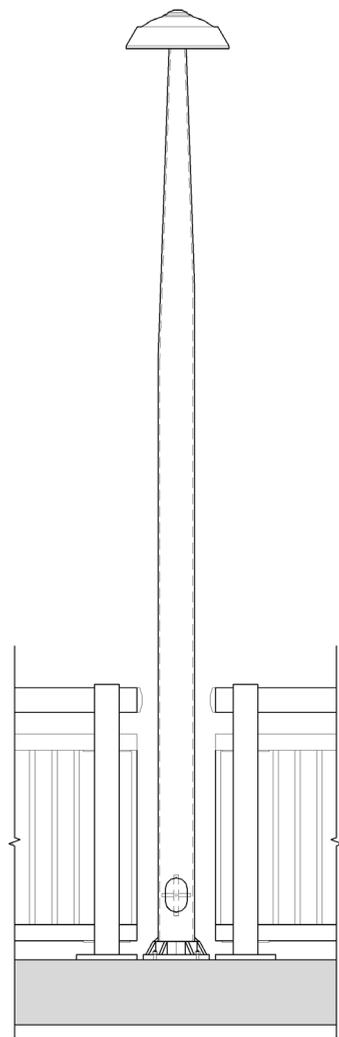


**PDC Preliminary Review**

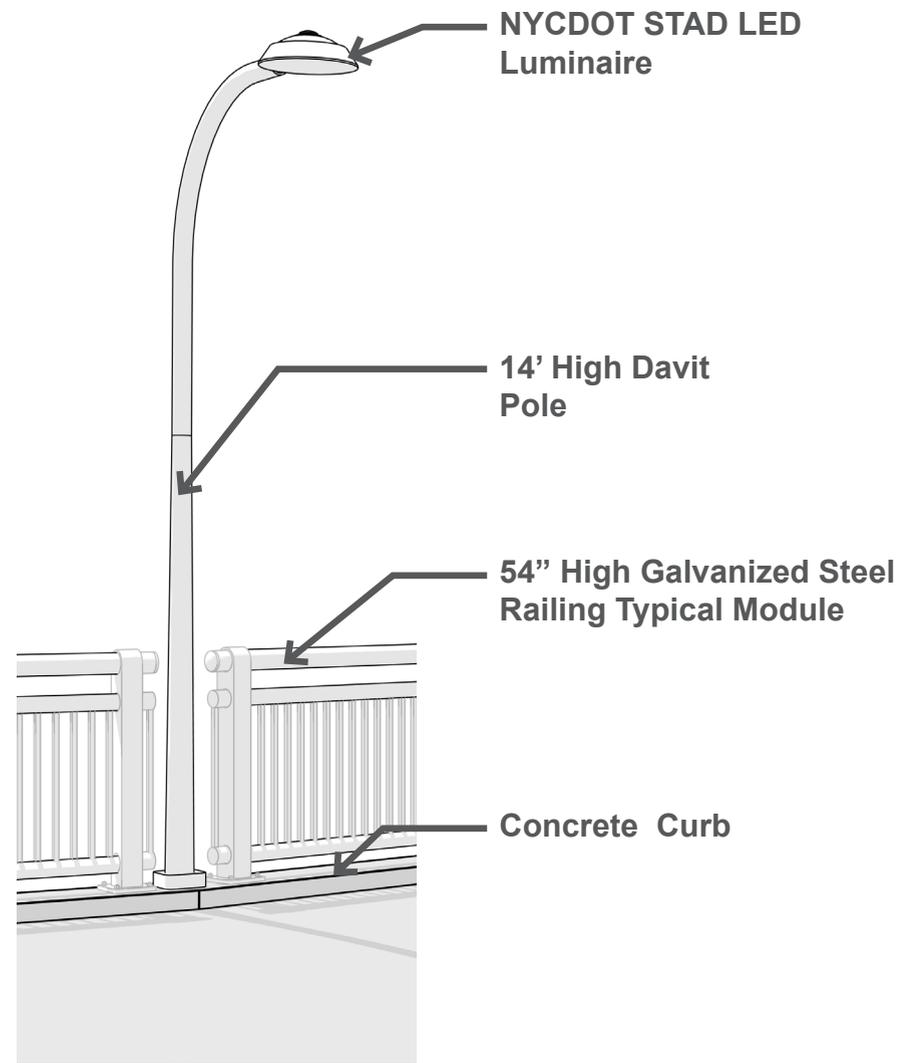
**LGA AirTrain Passerelle Overpass Reconstruction | 8' NYCDOT PDC Approved Standard Fence**



Davit Light Pole Section



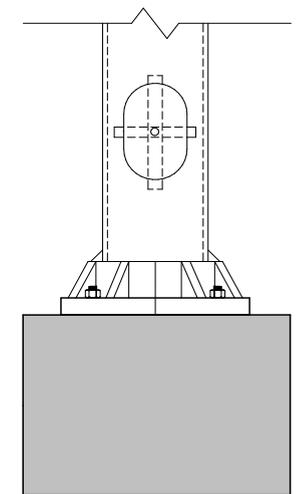
Lightpole Elevation



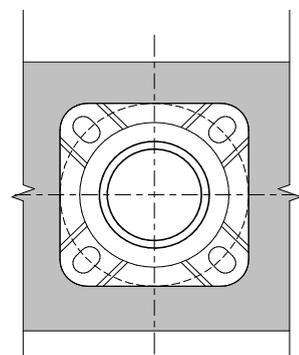
Light Pole Render View



NYCDOT STAD LED Luminaire



Base Elevation



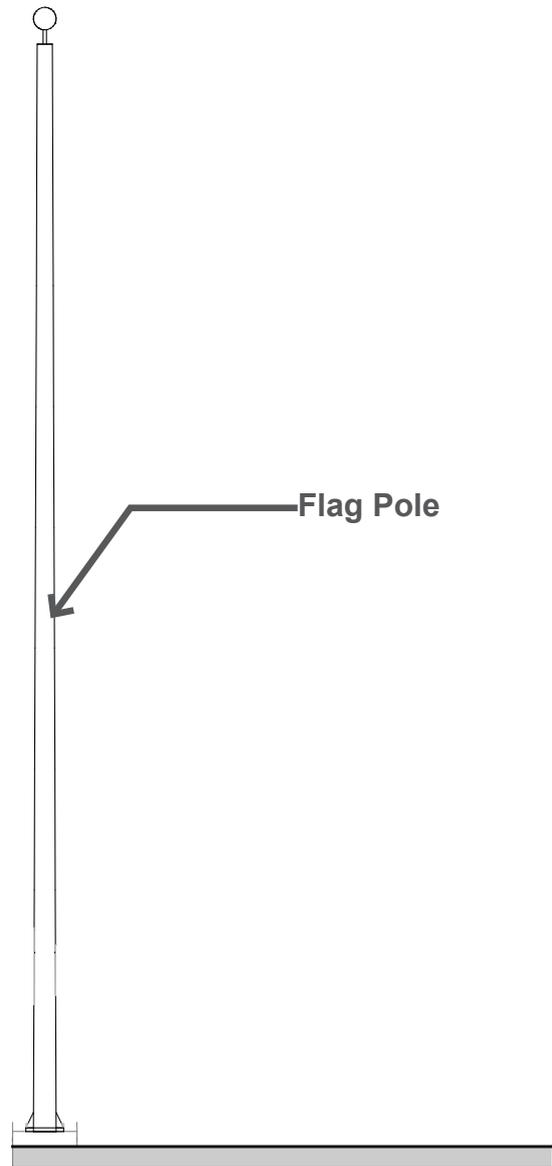
Plan View



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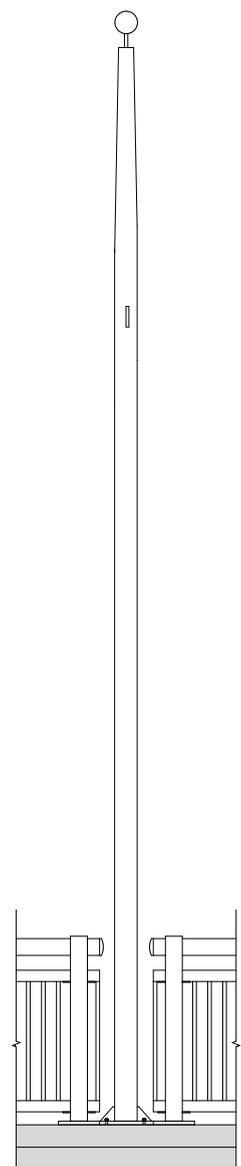


PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Davitt Light Poles

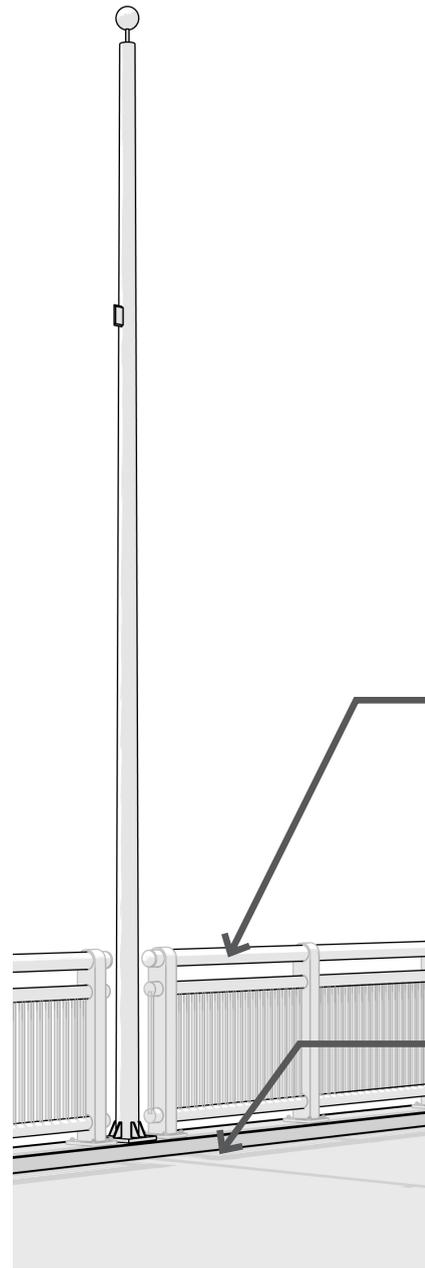


Flag Pole

Flag Pole Section



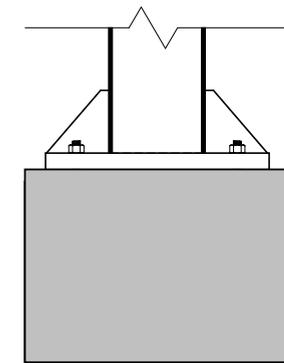
Flag Pole Elevation



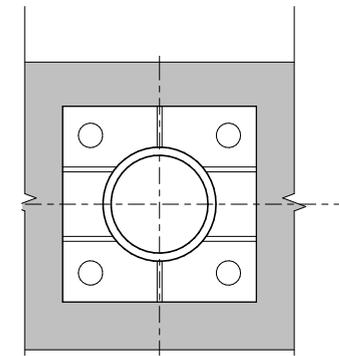
54" High Galvanized Steel Railing Typical Module

Concrete Curb

Flag Pole Render View



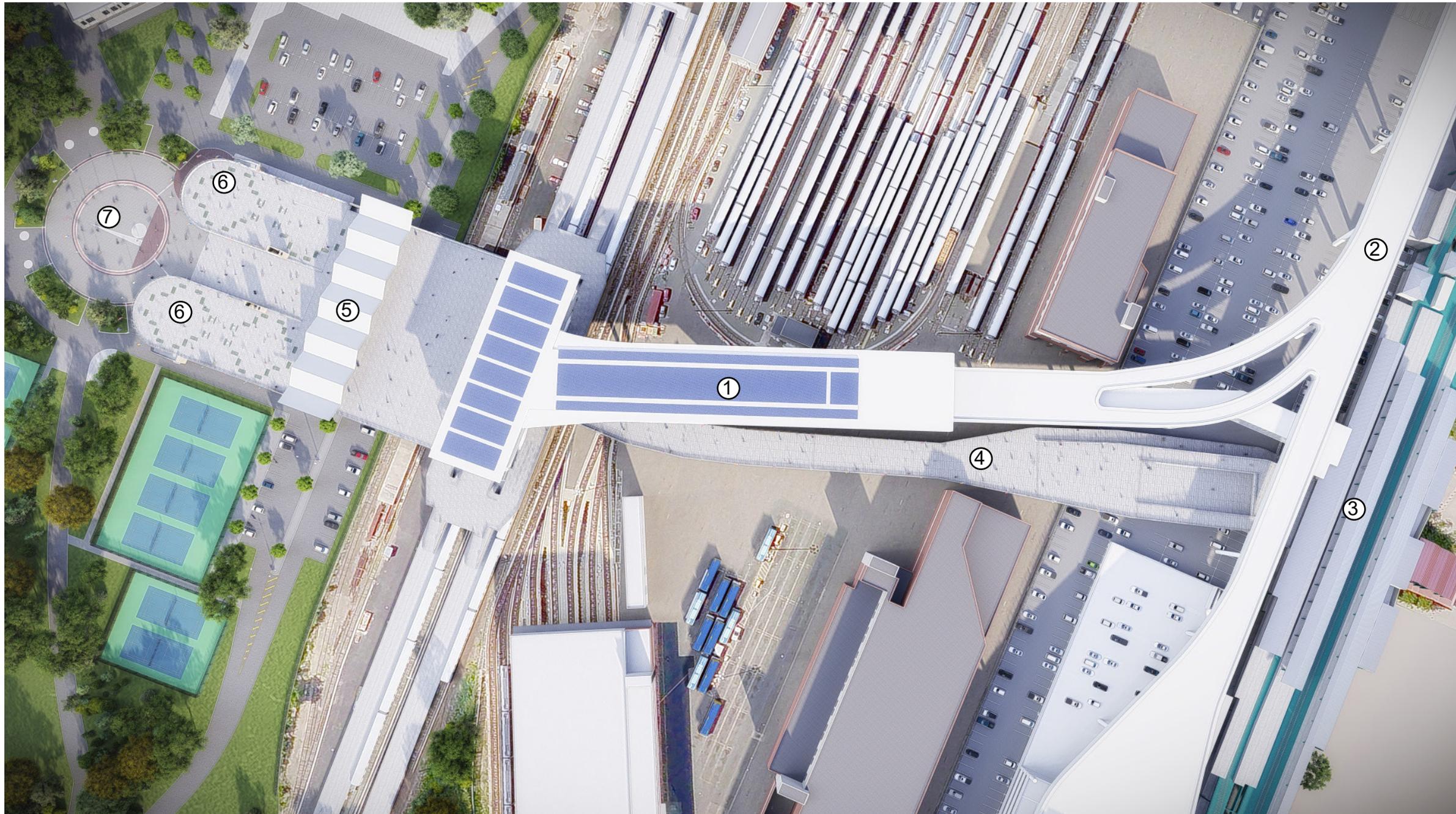
Base Elevation



Plan View



PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Flag Poles

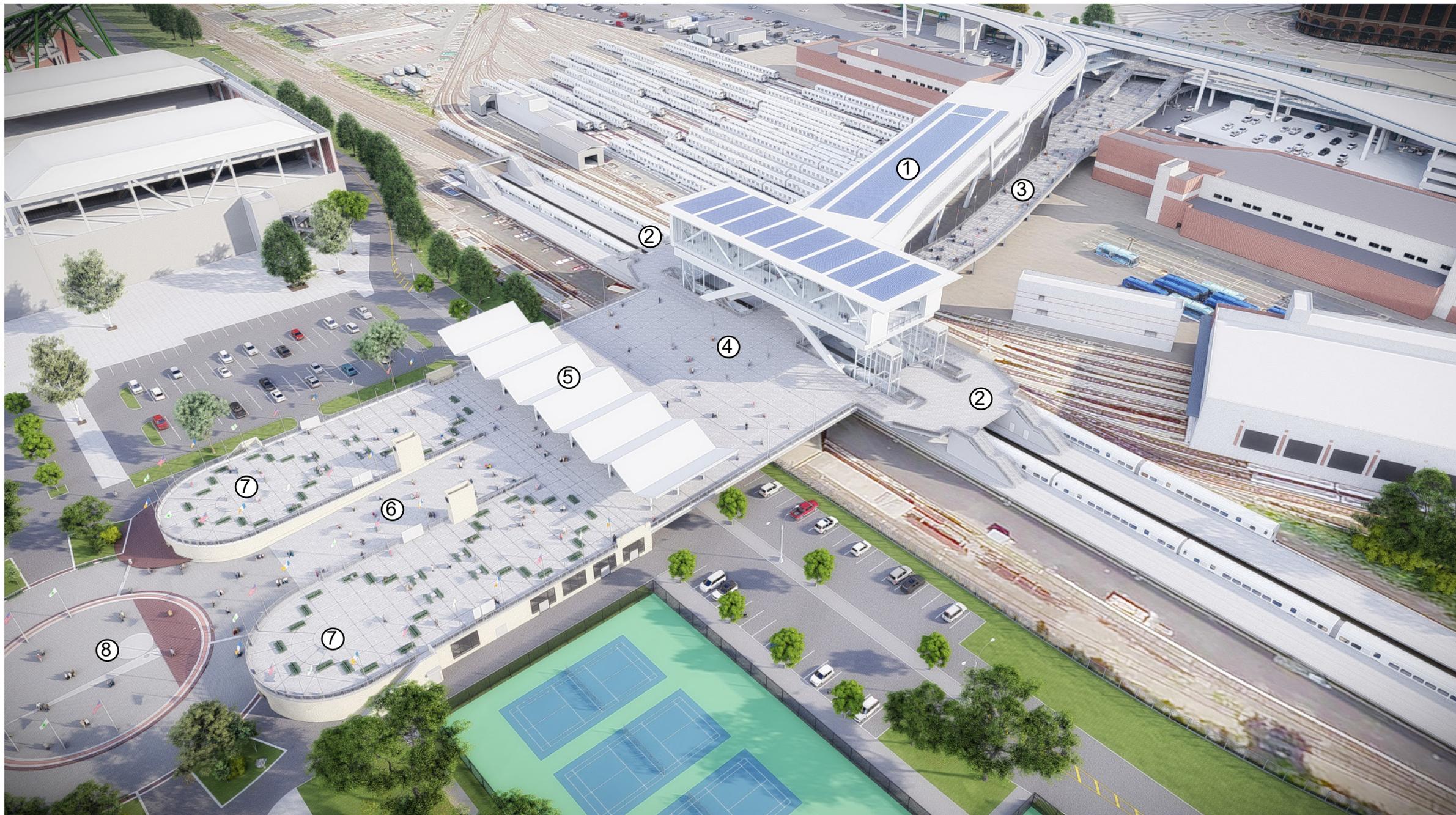


- 1. AirTrain Terminal (Conceptual)
- 2. AirTrain Guideway (PANYNJ AirTrain Preferred Alignment)
- 3. NYCT 7 Train Station
- 4. New Passerelle Bridge
- 5. Restored Historic Canopy Structure
- 6. Renovated Passerelle Administration Building
- 7. David Dinkins Circle/Flushing Meadows Corona Park Entrance

Aerial View



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Aerial View**



1. AirTrain Terminal (Conceptual)
2. LIRR Station (Conceptual)
3. Passerelle Bridge
4. Passerelle Plaza
5. Restored Historic Canopy Structure
6. ADA Compliant Pedestrian Ramp
7. Renovated Passerelle Administration Building Roof
8. David Dinkins Circle/Flushing Meadows Corona Park Entrance

Aerial View Facing Northwest



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Aerial View**



Aerial View Facing Southwest

**Passerelle North End Interface:**

- Passerelle North Interface with the NYCT 7 Train Station/ AirTrain Functional Facilities

**Passerelle Bridge:**

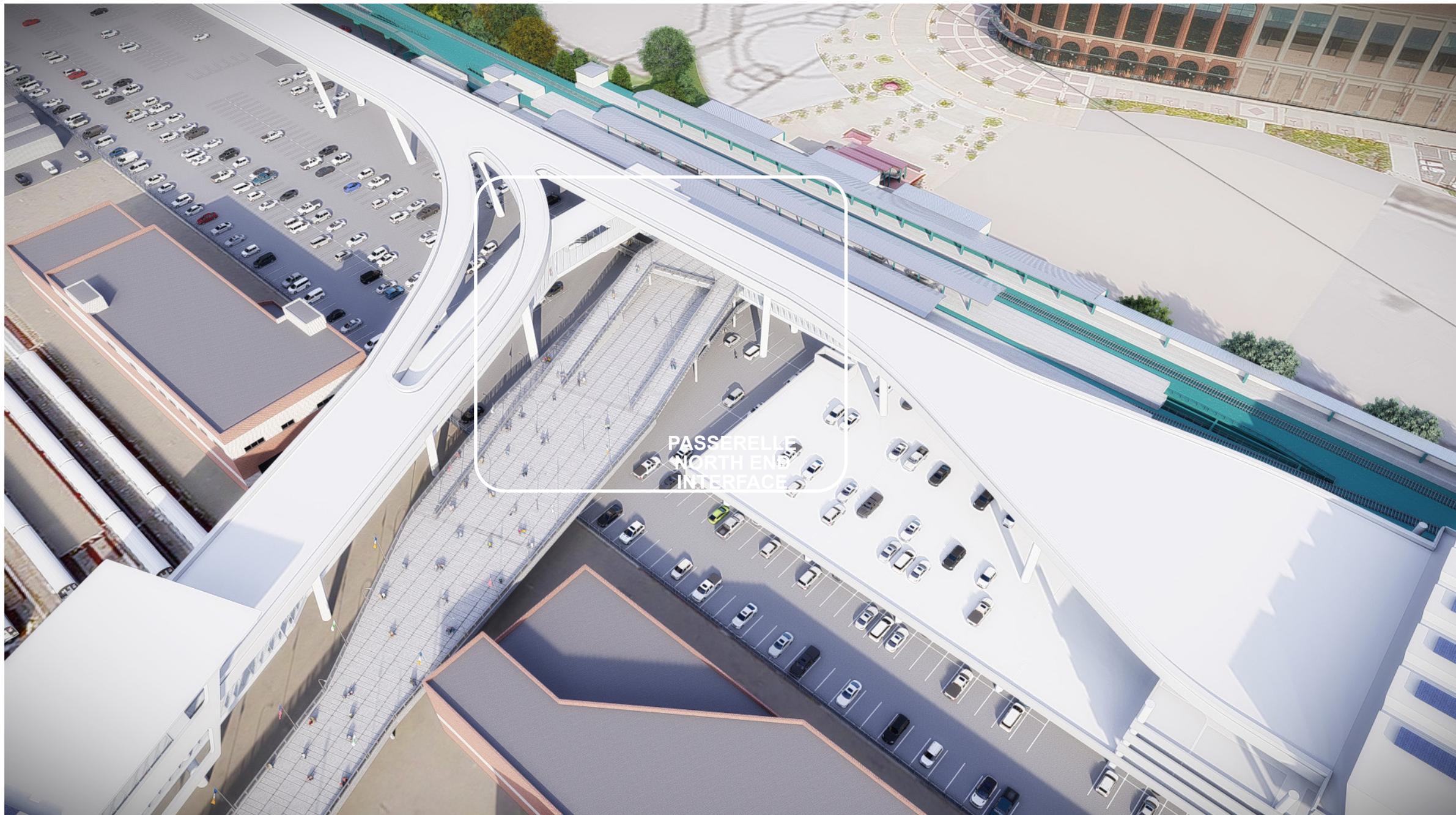
- Passerelle Alignment across Corona Yards
- MTA Cables

**Park Entrance:**

- Passerelle Interface through the new LIRR Station Mezzanine and Platforms, including access to the elevated AirTrain Terminal
- Passerelle Plaza and ADA ramp down to David Dinkins Circle



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Aerial View**



Aerial View Facing Northwest

- Passerelle North End Interface:
- Passerelle North Interface with the NYCT 7 Train Station/ AirTrain Functional Facilities



## PDC Preliminary Review LGA AirTrain Passerelle Overpass Reconstruction | Aerial View



1. AirTrain Vertical Core (has not been fully explored by the City)
2. AirTrain Terminal Pedestrian Connector Bridge (conceptual)
3. ADA compliant ramp to Roosevelt Avenue sidewalk
4. Stair to NYCT 7 Train Station
5. NYCT 7 Train Station

View of North End Ramp Entrance



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PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View



1. AirTrain Terminal Pedestrian Connector Bridge (conceptual)
2. ADA compliant ramp to Roosevelt Avenue sidewalk
3. NYCT 7 Train Station interface
4. NYCT 7 Train Station
5. AirTrain Vertical Core (conceptual)

View from North ADA Ramp Looking North



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**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View**



1. AirTrain Terminal Pedestrian Connector Bridge (conceptual)
2. ADA compliant ramp to Roosevelt Avenue sidewalk
3. NYCT 7 Train Station interface
4. NYCT 7 Train Station
5. AirTrain Employee Parking Pedestrian Bridge (conceptual)

View from North ADA Ramp Looking North



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## PDC Preliminary Review LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View



1. AirTrain Terminal Pedestrian Bridge (conceptual)
2. ADA compliant ramp to Roosevelt Avenue sidewalk
3. NYCT 7 Train Station interface
4. NYCT 7 Train Station
5. AirTrain Vertical Core (conceptual)
6. AirTrain Guideway (PANYNJ AirTrain preferred alignment)

View From North End Looking North



NYC Parks



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View**



- 1. 54" High Railing
- 2. Passerelle Concrete Bridge with Scored Pattern
- 3. 14' High NYCDOT Standard Davit Light Pole
- 4. Flag Pole
- 5. AirTrain Pedestrian Connector Bridge (conceptual)

View From Bridge Looking North



PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View



1. 14' High NYCDOT Standard Davit Light Pole
2. 54" High Railing
3. Flag Pole
4. AirTrain Terminal (conceptual)

Aerial View From North End Looking South - Daytime



PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Aerial View



- 1. 54" High Railing
- 2. Concrete Bridge
- 3. 14' High NYCDOT Standard Davit Light Pole
- 4. Flag Pole
- 5. AirTrain Terminal (conceptual)
- 6. Structural Bridge Joint

View From North End Looking South - Daytime



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PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View



- 1. 54" High Railing
- 2. Concrete Bridge
- 3. 14' High NYCDOT Standard Davit Light Pole
- 4. Flag Pole
- 5. AirTrain Terminal (conceptual)

View From North End Looking South - Nighttime



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View**



1. Passerelle Concrete Bridge with Scored Pattern
2. AirTrain Terminal Station (Conceptual)
3. Passerelle Plaza
4. 54" High Railing
5. 14' High NYCDOT Standard Davit Light Pole
6. Flag Pole
7. 8' High NYCDOT "PDC Approved"

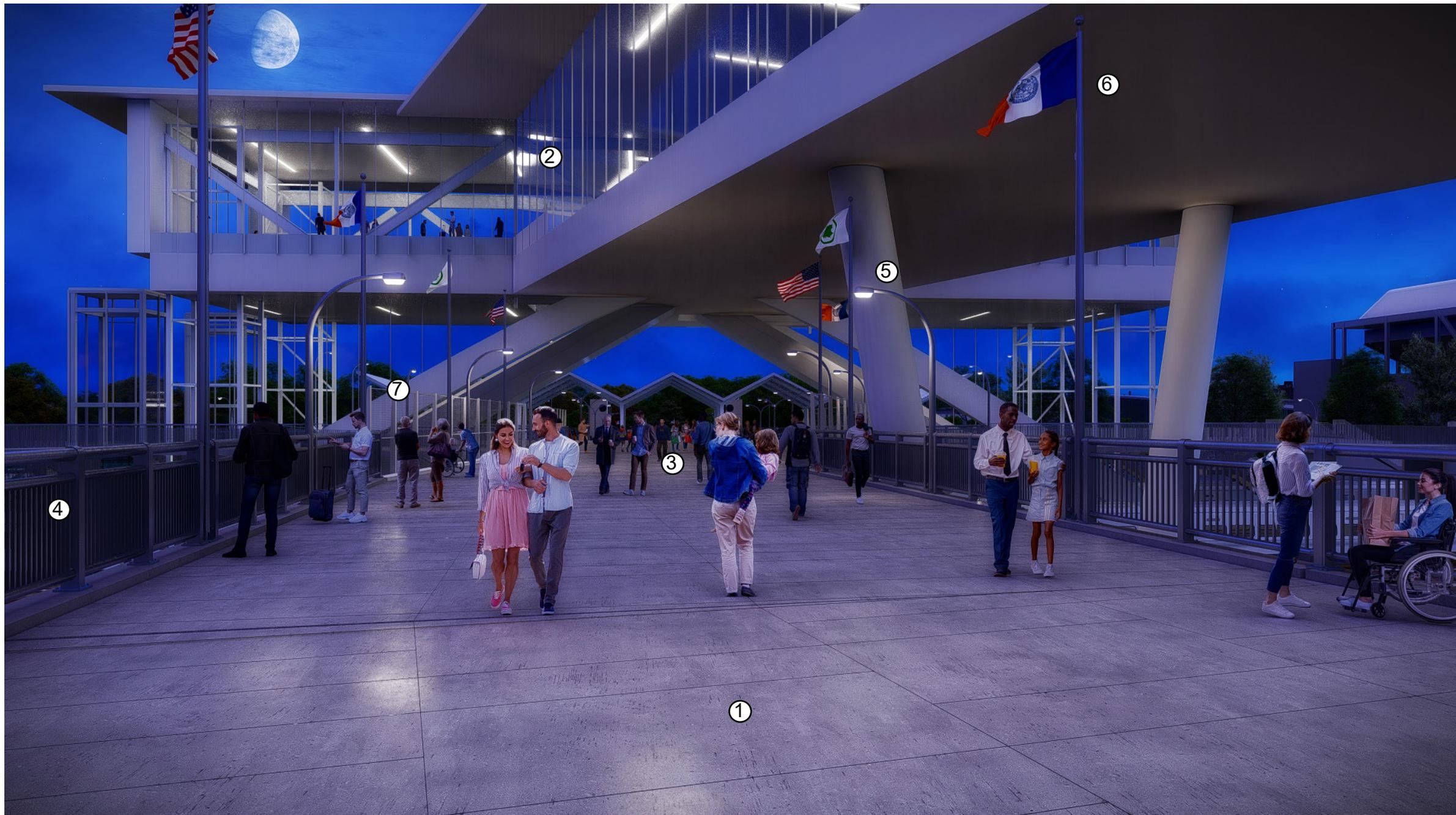
View From South End Looking South - Daytime



NYC Parks



## PDC Preliminary Review LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View



- 1. Passerelle Concrete Bridge with Scored Pattern
- 2. AirTrain Terminal Station (Conceptual)
- 3. Passerelle Plaza
- 4. 54" High Railing
- 5. 14' High NYCDOT Standard Davit Light Pole
- 6. Flag Pole
- 7. 8' High NYCDOT "PDC Approved"

View From South End Looking South - Nighttime



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View**



1. Passerelle Concrete Bridge with Scored Pattern
2. AirTrain Terminal Station (Conceptual)
3. Passerelle Plaza
4. 54" High Railing
5. 14' High NYCDOT Standard Davit Light Pole
6. Flag Pole
7. 8' High NYCDOT "PDC Approved"

View From South End Looking South - Daytime



NYC Parks



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Pedestrian Level View**



Aerial View Looking Southwest

1. Proposed Passerelle Pedestrian Bridge
2. Proposed AirTrain Terminal (conceptual)
3. Proposed LIRR Station
4. David Dinkins Circle



PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Aerial View



1. Proposed Passerelle Plaza
2. Restored Historic Canopy Structure
3. ADA Compliant Pedestrian Ramp
4. Renovated Passerelle Administration Building Roof
5. Proposed LIRR Station (conceptual)
6. David Dinkins Circle/Flushing Meadows Corona Park Entrance

Aerial View Facing West



PDC Preliminary Review  
 LGA AirTrain Passerelle Overpass Reconstruction | Aerial View



1. Proposed Passerelle Plaza
2. Restored Historic Canopy Structure
3. ADA Compliant Pedestrian Ramp
4. Renovated Passerelle Administration Building Roof
5. Proposed LIRR Station (conceptual)
6. David Dinkins Circle/Flushing Meadows Corona Park Entrance

Aerial View Looking Northeast



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Aerial View**



1. Passerelle Administration Building with Scored Pattern
2. 14' High NYCDOT Standard Davit Light Pole
3. Flag Pole
4. 1964 World's Fair Bench

View from Podium looking South



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Aerial View**

# Exterior Building Masonry Project Goals

- Provide state of good repair of exterior envelope (roof topping slab and masonry veneer)
- Additional goals to be added upon developed assessment (in progress)
  - Evaluate overall conditions and approach to the project
  - Evaluate specific masonry areas and extents of work
  - Evaluate three exterior stairs
  - Evaluate concrete coping / historic railing
  - Evaluate pole lighting
  - Evaluate wall flag poles

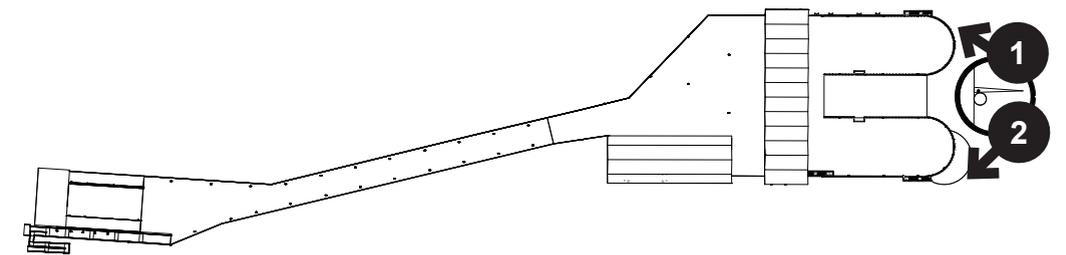




1 - South Facade looking East



2 - South Facade looking West





**Current Brick**  
Chimney/Pylon



**Typical at Storefront**

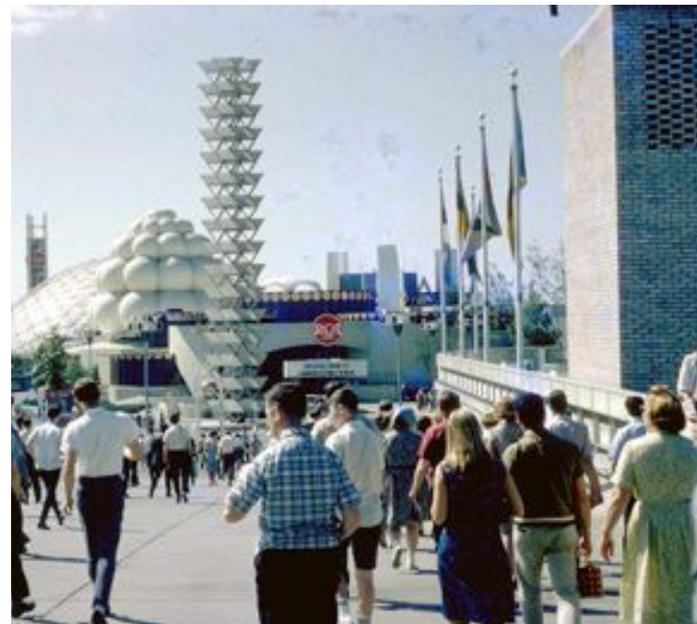


**Parapet Wall at Southeast Stair**

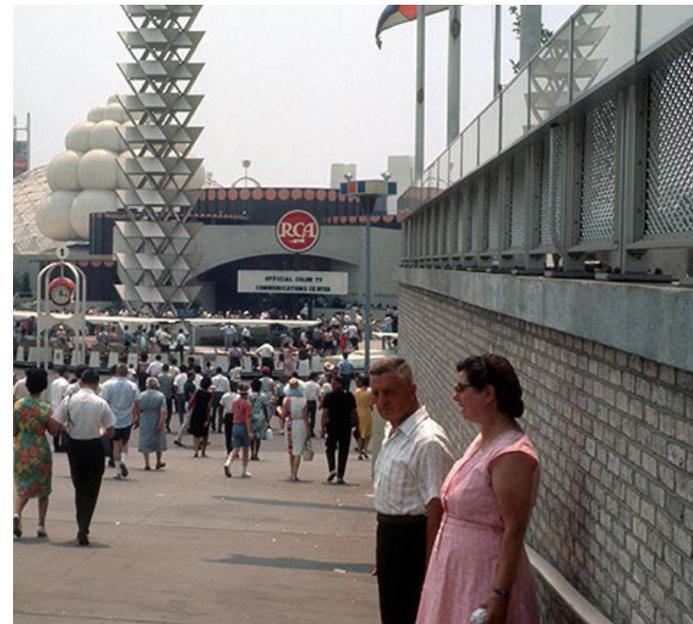
**Note:**  
1. Current brick is being evaluated for color/ texture and treatment  
2. Evaluating historical aspects with observed conditions to confirm design intent



**Historical Brick**  
Dinkins Circle looking Northeast



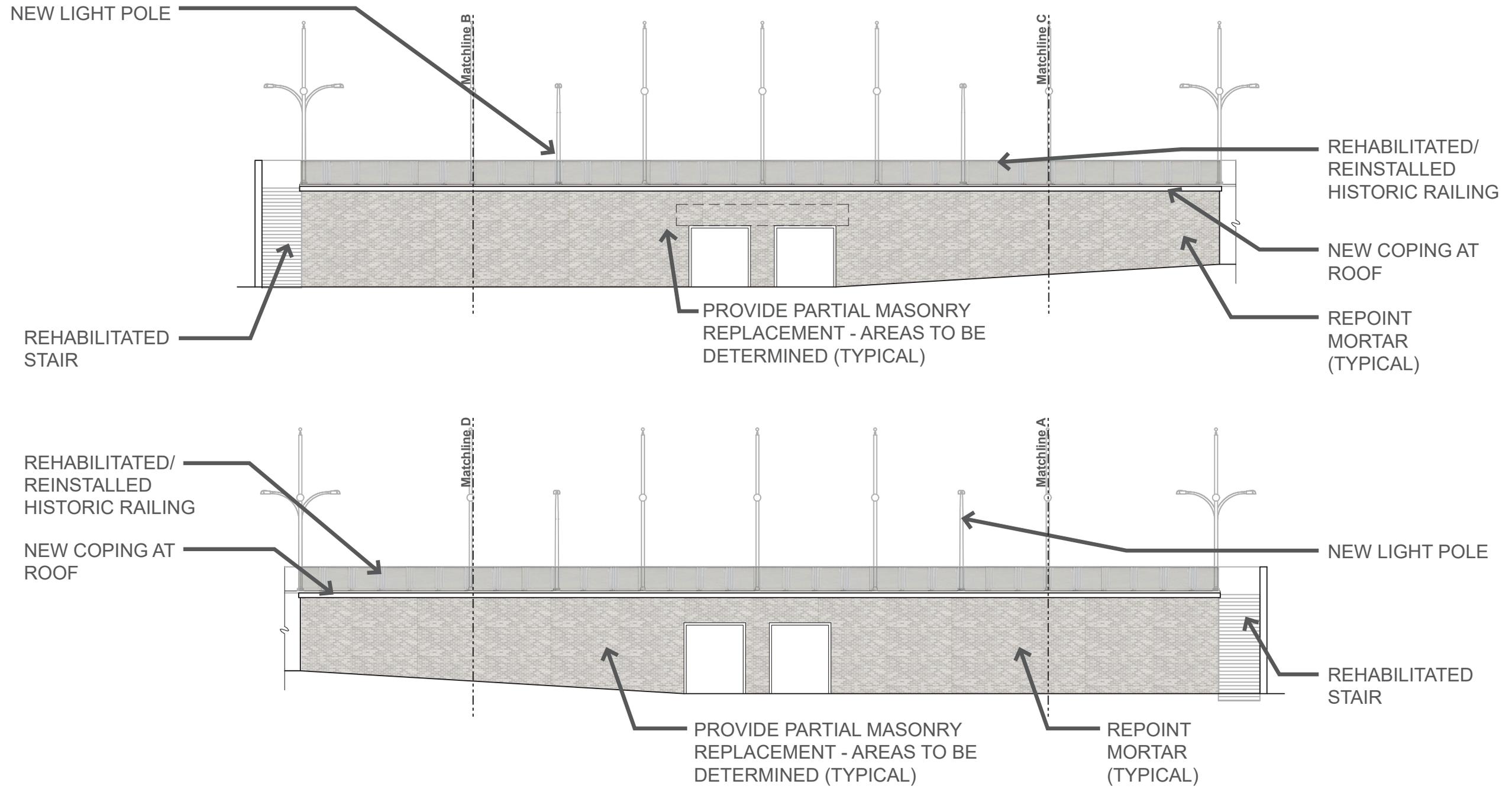
**Ramp looking South**



**Ramp looking Southwest**



**Dinkins Circle looking Northwest**



**PDC Preliminary Review  
LGA AirTrain Passerelle Overpass Reconstruction | Proposed Exterior Elevations - South**

