



# East Midtown Greenway

53RD TO 61ST STREET

Community Meeting - Preliminary Design

June 25, 2018

**NYCEDC**



NYC Parks








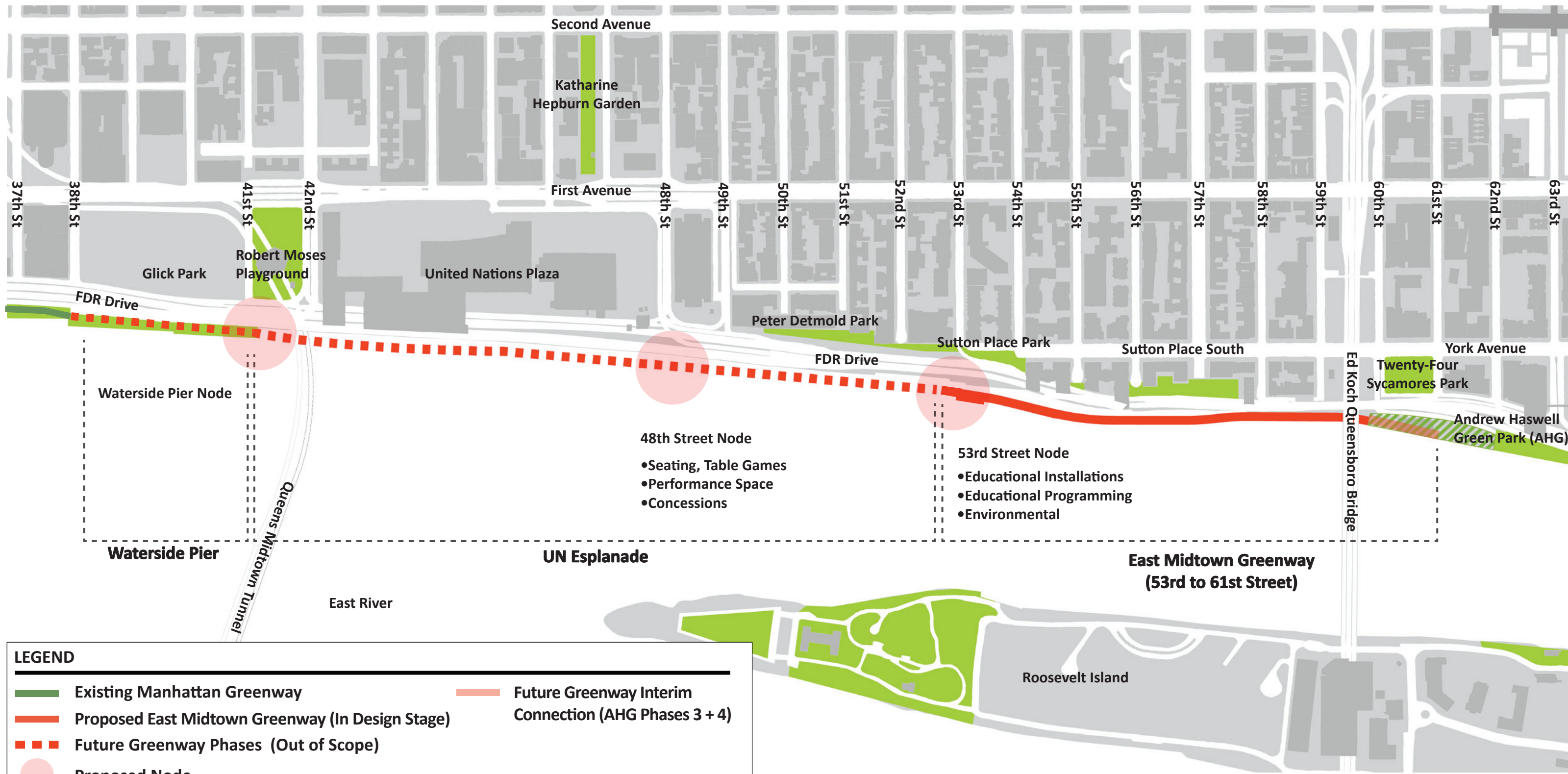


Scale: NTS  North



 0' 400' 800'  North

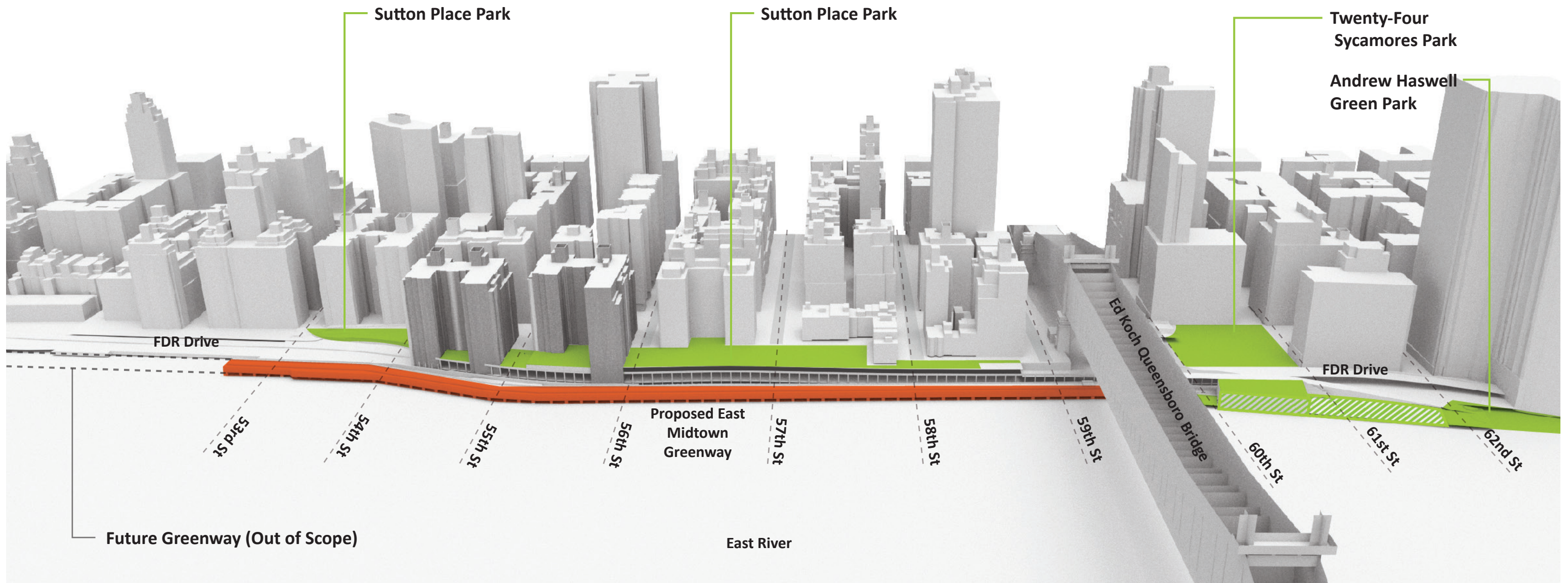
- LEGEND**
-  Existing Manhattan Greenway
  -  Proposed East Midtown Greenway (In Design Stage)
  -  Andrew Haswell Green Park (AHG) Phases 2B, 3 + 4
  -  Future Greenway Interim Connection (AHG Phases 3 + 4)
  -  Future Greenway (Out of Scope)



**LEGEND**

	Existing Manhattan Greenway		Future Greenway Interim Connection (AHG Phases 3 + 4)
	Proposed East Midtown Greenway (In Design Stage)		Proposed Node
	Future Greenway Phases (Out of Scope)		Andrew Haswell Green Park Phases 2b, 3 + 4
	Green Space		

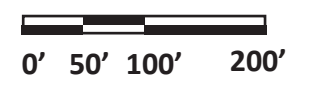






**LEGEND**

--- Scope of Work



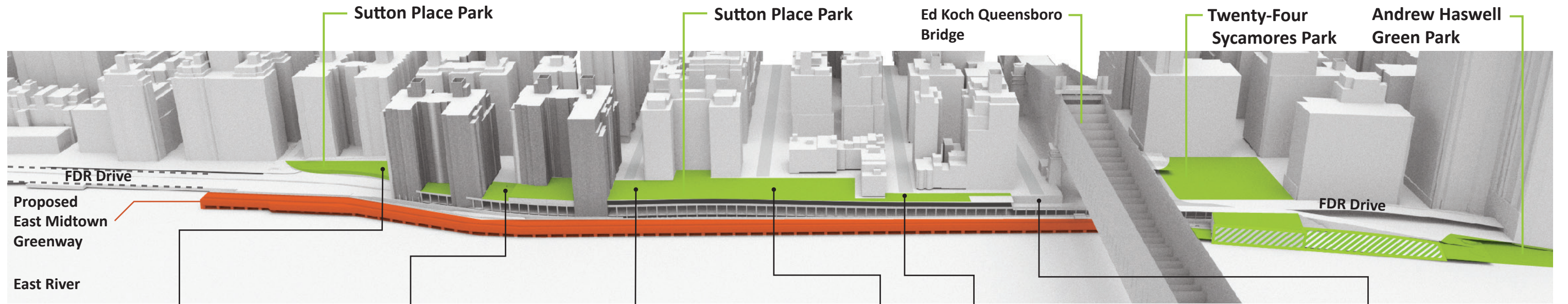
**EAST MIDTOWN GREENWAY | 53RD TO 61ST STREET**

**EXISTING CONDITIONS | EAST MIDTOWN**



June 25, 2018





54th Street  
 - - - - - Approximate Extents of Greenway



56th Street (Greenway below)



58th Street (Greenway below)



55th Street (Greenway below)



57th Street (Greenway below)

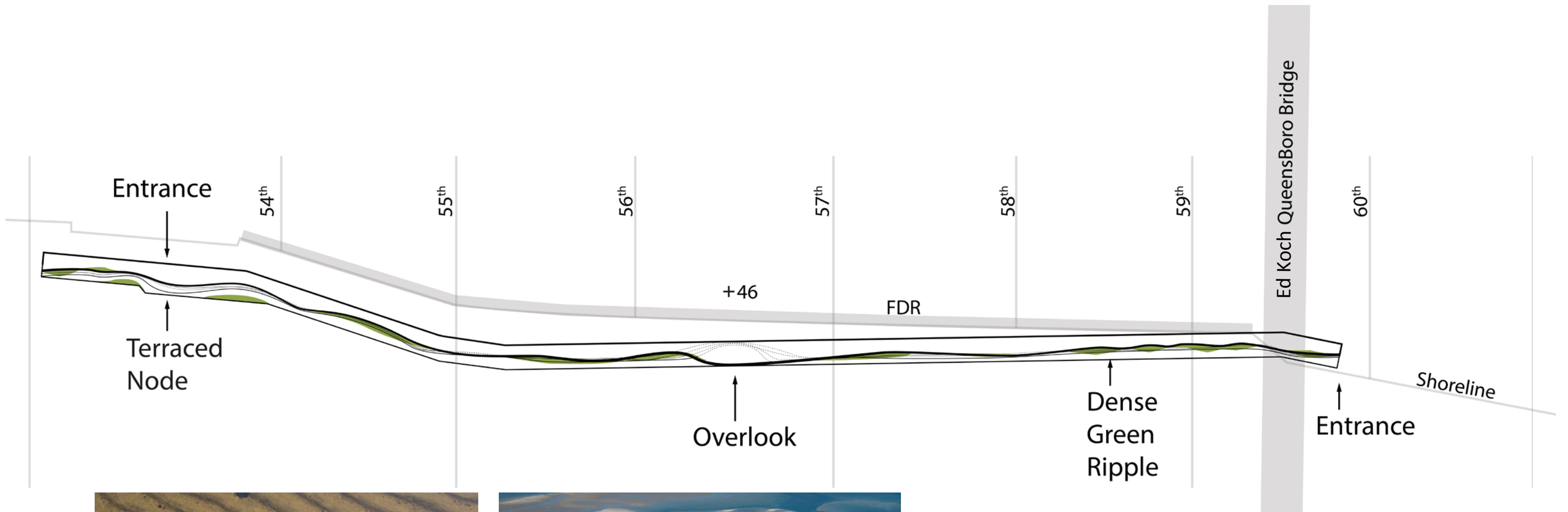


59th Street (Greenway below)

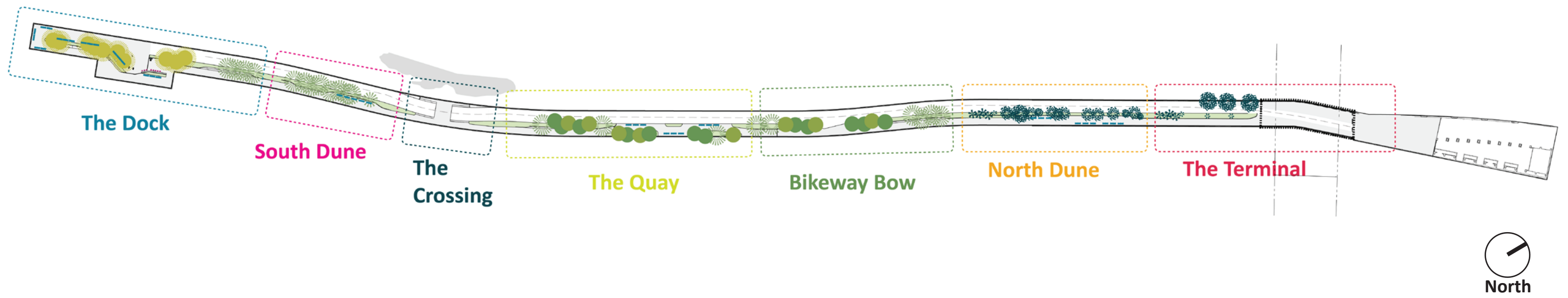
# **DESIGN VALUES**

- 1. Create a Continuous Greenway  
Around Manhattan**
- 2. Enjoy Different Kinds of Spaces**
- 3. Balance Connectivity +  
Pedestrian & Cyclist Separation**
- 4. Ensure a Thriving Landscape**
- 5. Provide Seasonal Comfort**
- 6. Shield Noise and the FDR Views**
- 7. Make the Esplanade Profile Beautiful**
- 8. Experience & Learn About the River**
- 9. Consider Privacy of Adjacent  
Residences**
- 10. See the Rocks**

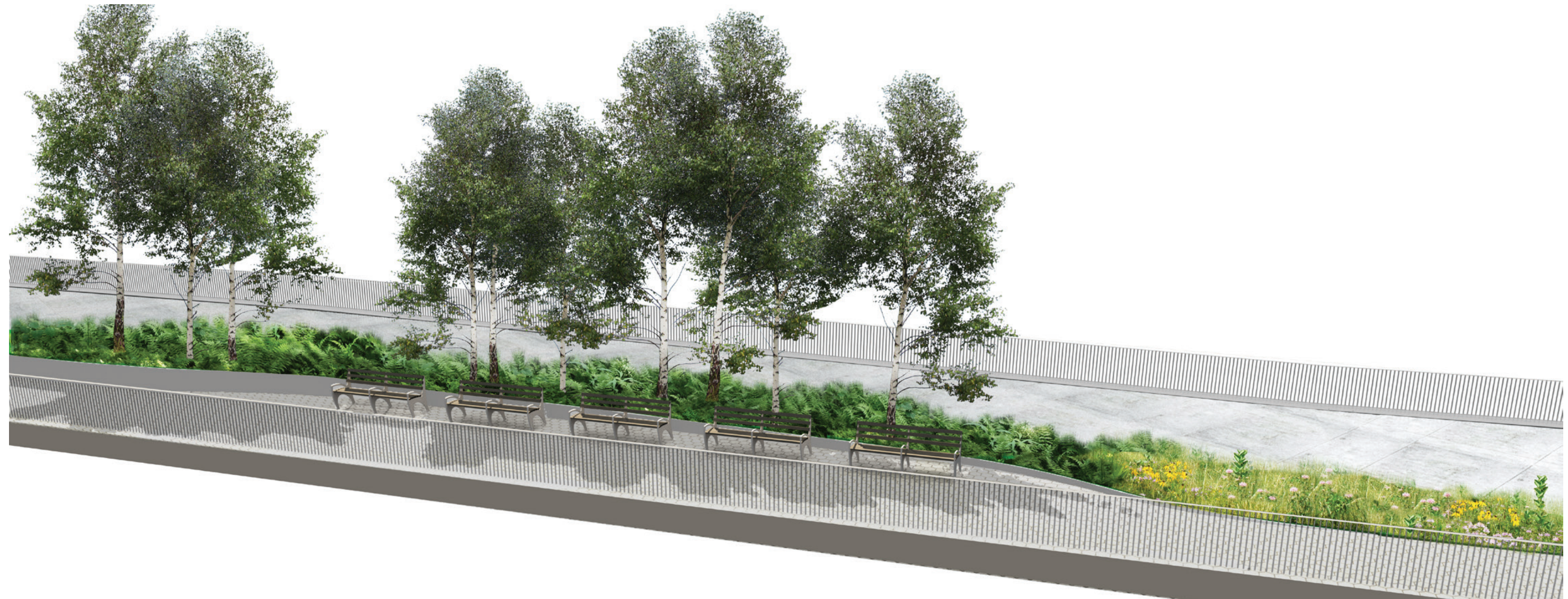
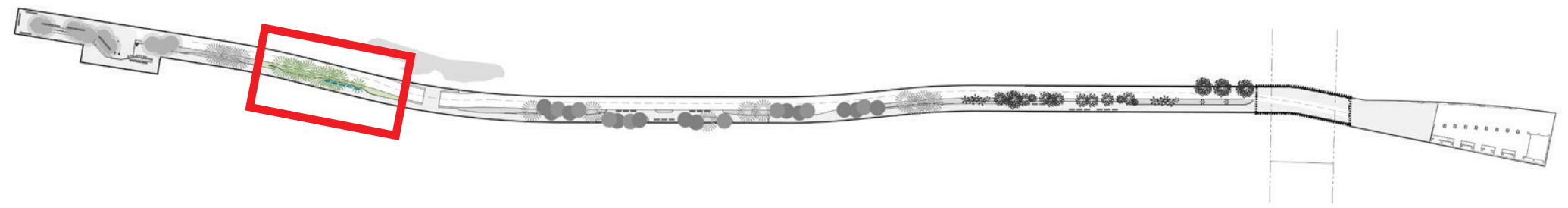




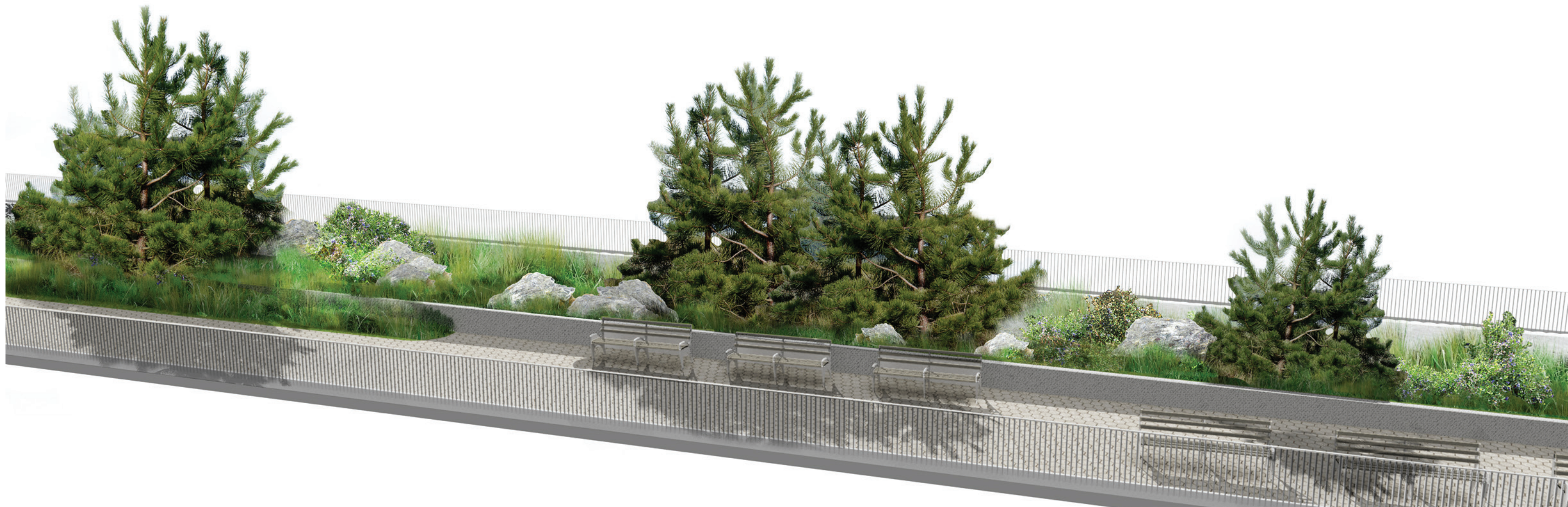
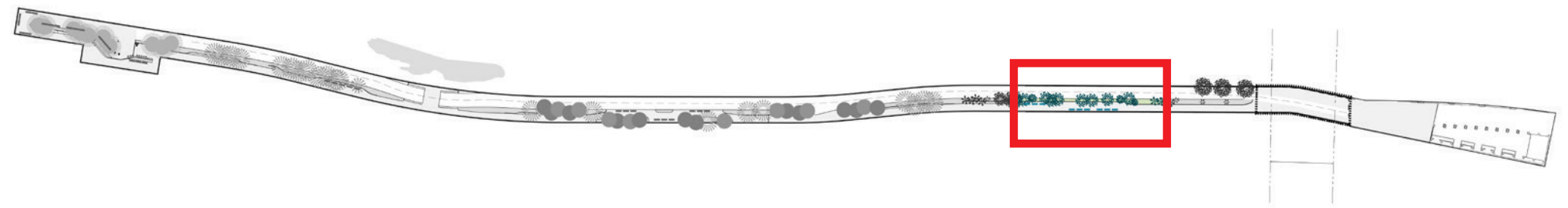


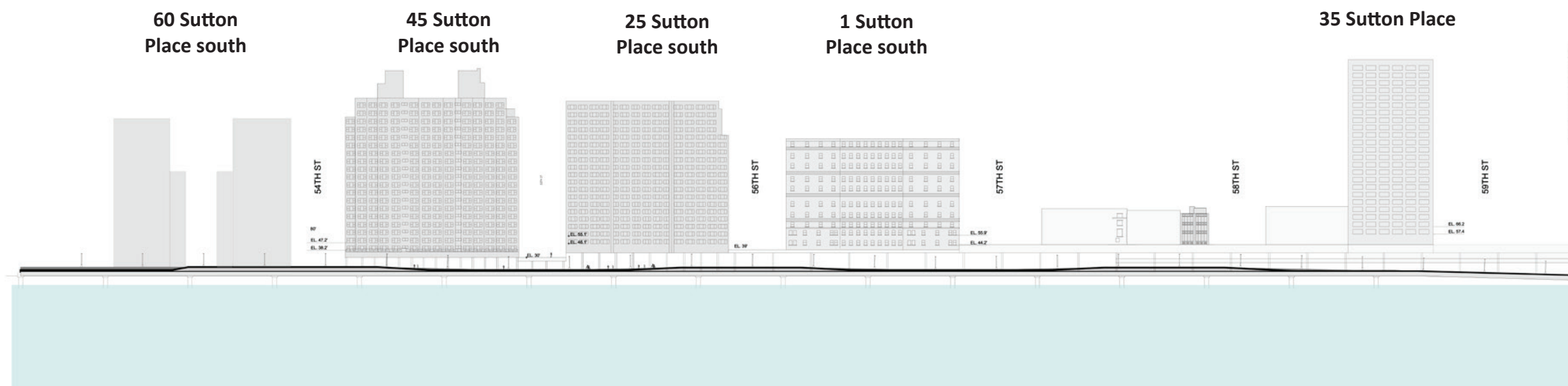


# THE SOUTH DUNE



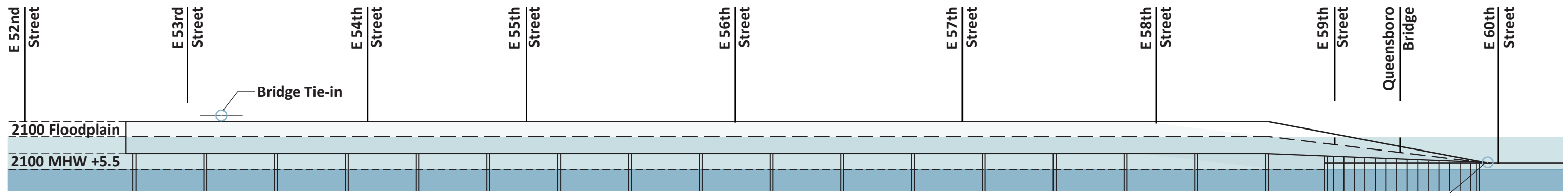
# THE NORTH DUNE





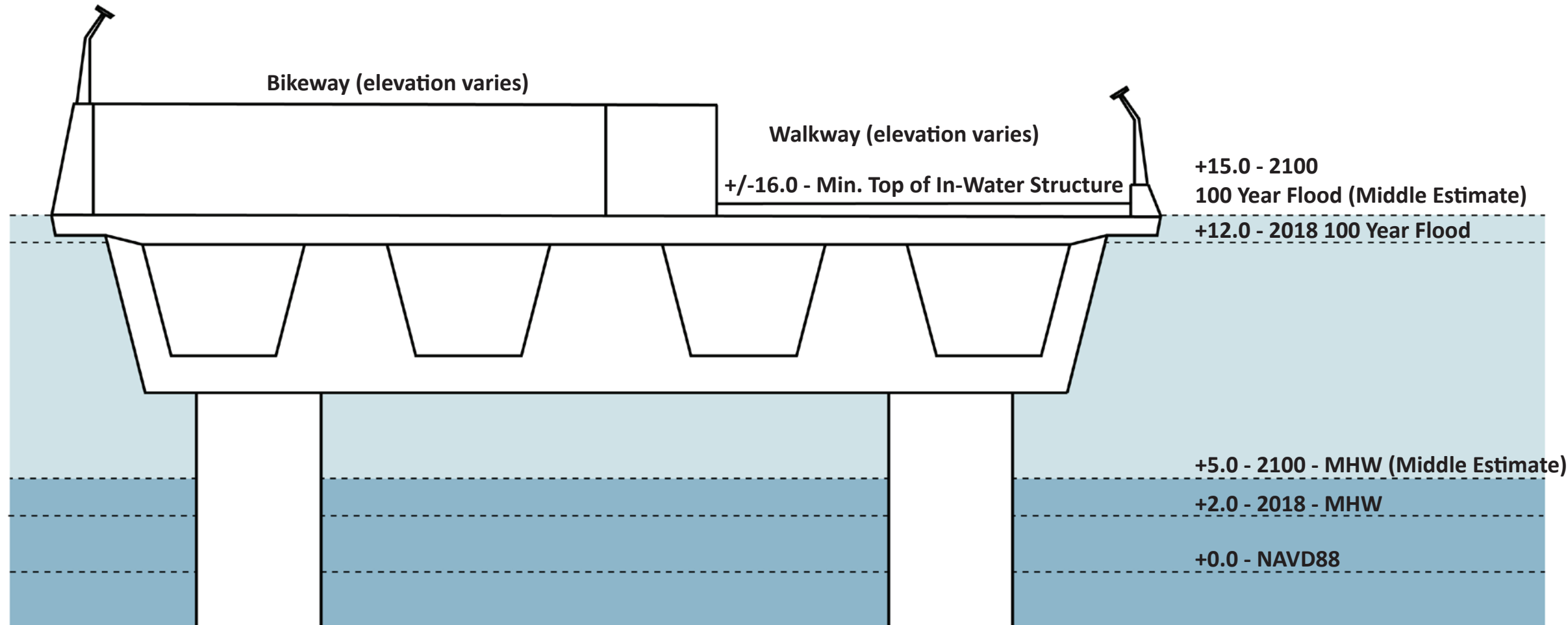


	<p>“Merge Points” No separation between bikes and pedestrians Accessible connection</p>	<p><b>Amenities:</b></p> <ul style="list-style-type: none"> <li> Drinking Fountain</li> <li> Bike Racks</li> <li> Trash Receptacles</li> <li> Life Ring Cabinets</li> <li> Street Orientation Signs</li> </ul>	<p><b>QTY</b></p> <ul style="list-style-type: none"> <li>2</li> <li>4 (12 spots)</li> <li>2 sets of 2</li> <li>2</li> <li>8</li> </ul>



Profile  
Scale: NTS

Andrew Haswell  
Green Platform Tie-in

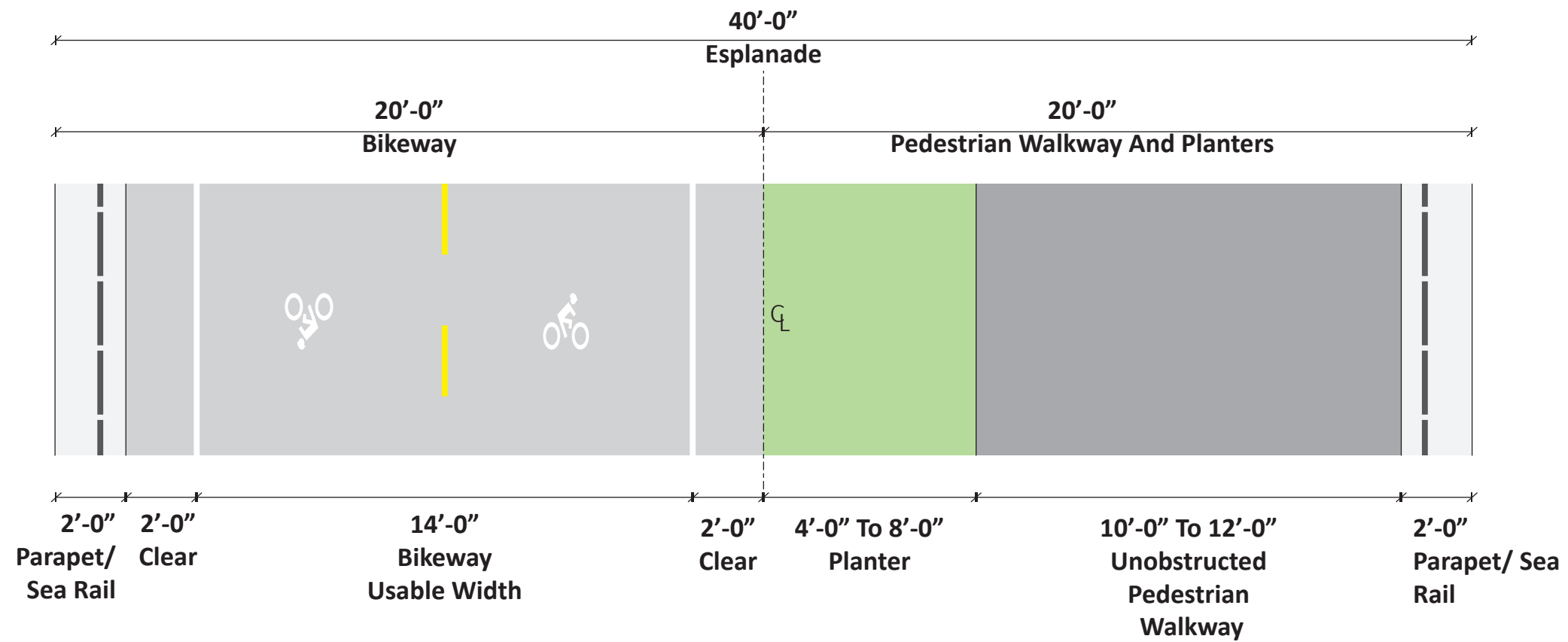


In-water structure and topside design accounts for future (2100) 100-year flood

Section  
Scale: NTS

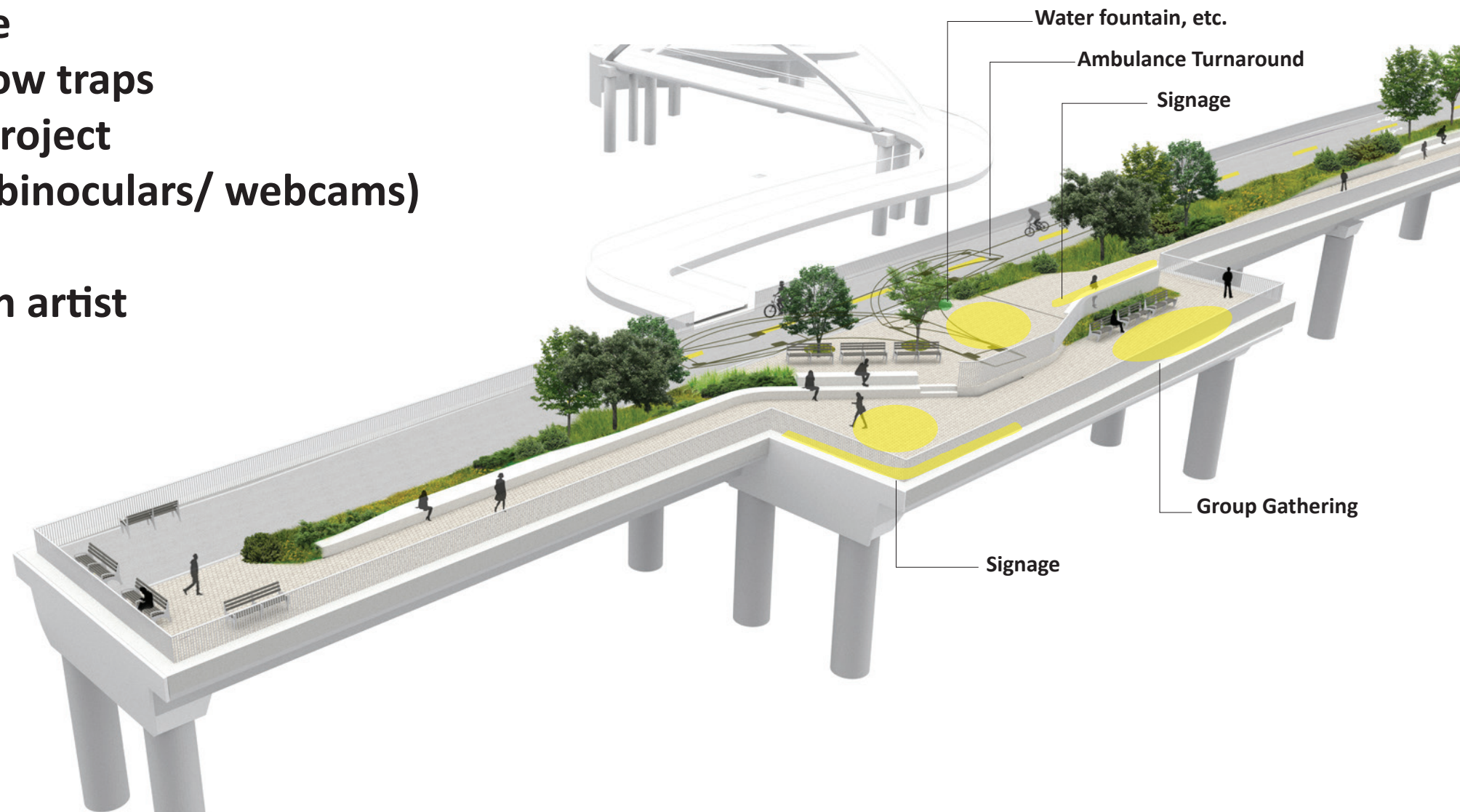
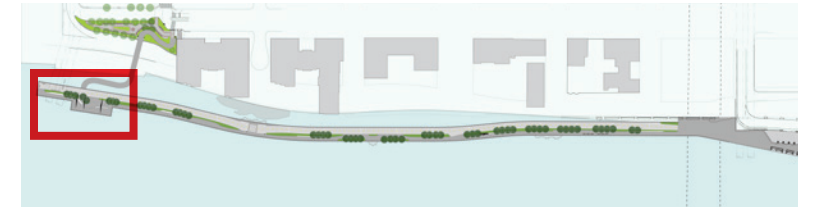


# GREENWAY CRITERIA

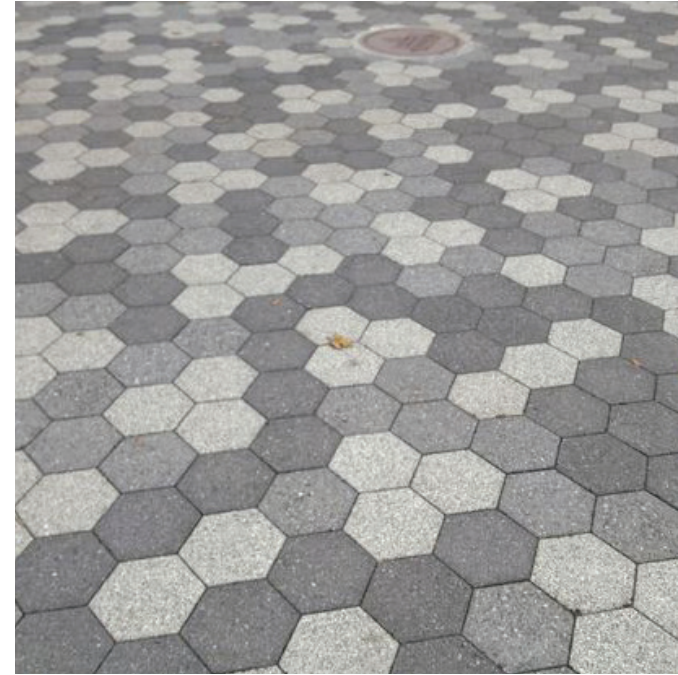


# NODE DESIGN: EDUCATIONAL OPPORTUNITIES

- Educational signage
- Monitoring devices
- Walking surface
- Crab and minnow traps
- Billion Oyster Project
- Bird watching (binoculars/ webcams)
- Photo ops
- Integration with artist



# GREENWAY PAVING MATERIALS



**Concrete**  
**Color: Non-pigmented**

**8" Hexagon Concrete Pavers**  
**Color: Light Gray and Medium Gray**



**1964 World's Fair Bench**  
**Manufacturer: Kenneth Lynch & Sons**  
**Slats: Recycled Plastic Lumber**  
**Material: Galvanized Steel**  
**Color: Oak Recycled Plastic Lumbar**



**Flo Bike Rack**  
**Manufacturer: Landscape Forms**  
**Material: Aluminum**



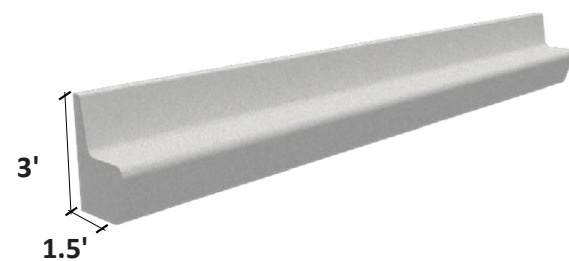
**Waste / Recycle Receptacles**  
**Color: Silver bins with Blue/Green/Black lids**



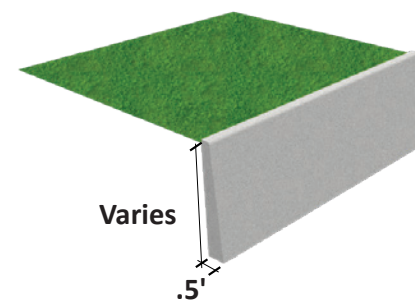
**Hi-Lo Bottle Filler**  
**Manufacturer: Most Dependable Fountains**  
**Color: Chrome**



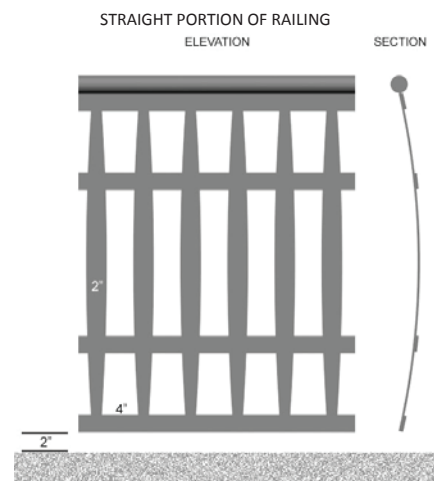
**Maintenance Box,**  
**Manufacturer: KNAACK**  
**Color: Powdercoat Finish**



**Concrete Seatwall**



**Concrete Planter Edge**



**Sea Rail**  
**Material: Hot-sprayed galvanized steel with tnemec paint**



**Chipman Bar Stool, Surface Mounted**  
**Manufacturer: Landscape Forms**  
**Material: Aluminum**  
**Color: Silver Powercoat**

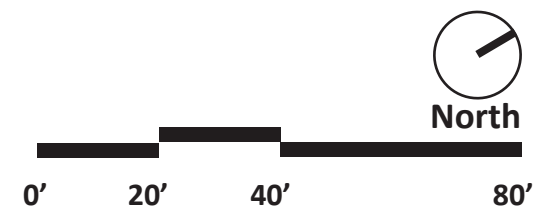
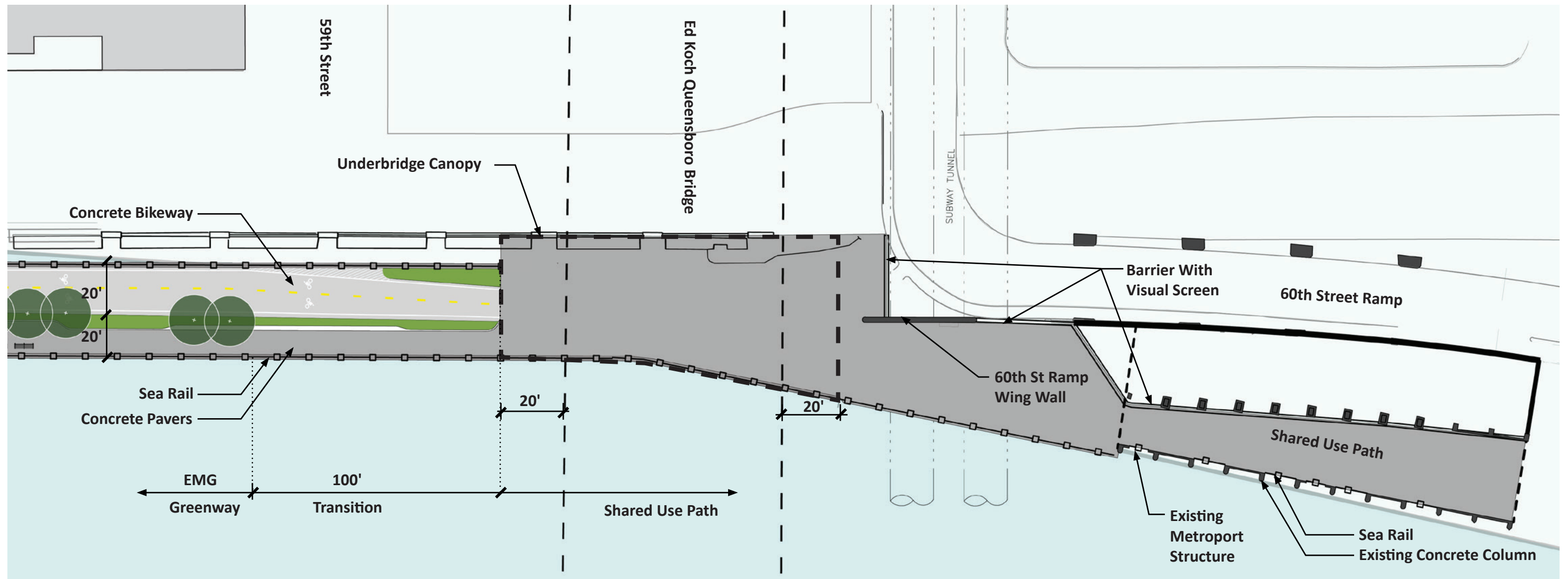


# TOPSIDE PLANT PALETTE

	SPRING	SUMMER	FALL	WINTER
TREES				
	<i>Betula populifolia</i> – Grey Birch			
	<i>Gleditsia triacanthos var. inermis</i> – Thornless Honeylocust			
<i>Nyssa sylvatica</i> – Black Gum				
<i>Pinus rigida</i> – Pitch Pine				
<i>Juniperus virginiana</i> – Eastern Red Cedar				

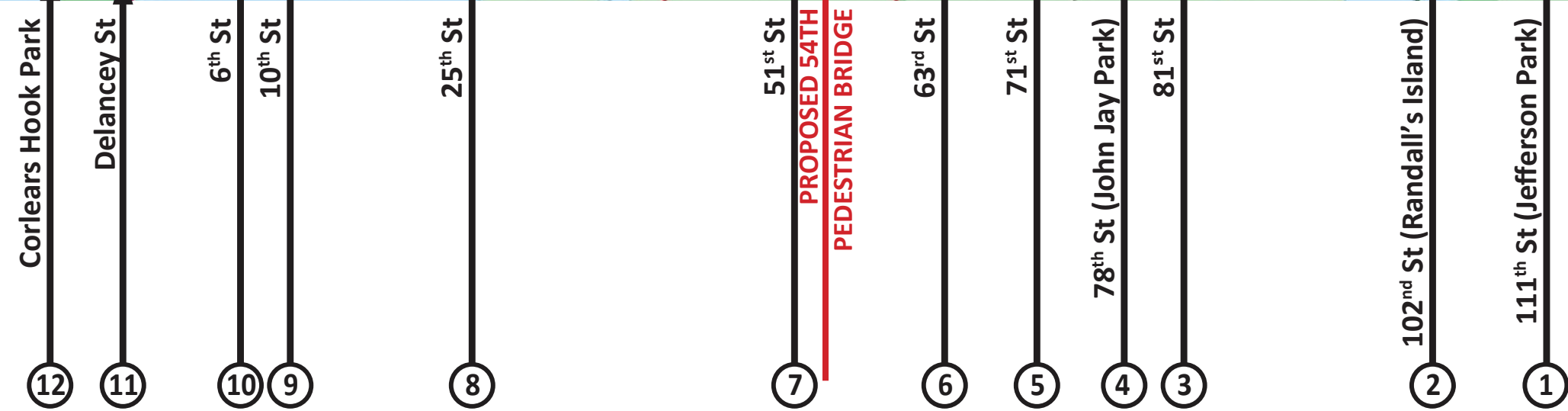
	SPRING	SUMMER	FALL	WINTER
SHRUBS				
	<i>Rosa carolina</i> – Carolina Rose			
	<i>Viburnum dentatum</i> – Arrowwood Viburnum			
	<i>Vaccinium corymbosum</i> – Highbush Blueberry			
<i>Morella pensylvanica</i> – Northern Bayberry				
<i>Prunus maritima</i> – Beach Plum				

	SPRING	SUMMER	FALL	WINTER
PERENNIALS & GRASSES				
	<i>Ammophila breviligulata</i> – American Beachgrass			
	<i>Asclepias syriaca</i> – Common Milkweed			
	<i>Andropogon virginicus</i> – Broomsedge			
	<i>Euthamia graminifolia</i> – Lance-leaved Goldenrod			
<i>Echinacea purpurea</i> – Purple Coneflower				
<i>Panicum virgatum</i> – Switch Grass				
<i>Solidago sempervirens</i> – Seaside Goldenrod				









Key Plan

Scale: NTS  
 North



1. Pedestrian Bridge at 111th Street (Jefferson Park)



5. Pedestrian Bridge at 71st Street



9. Pedestrian Bridge at 10th Street



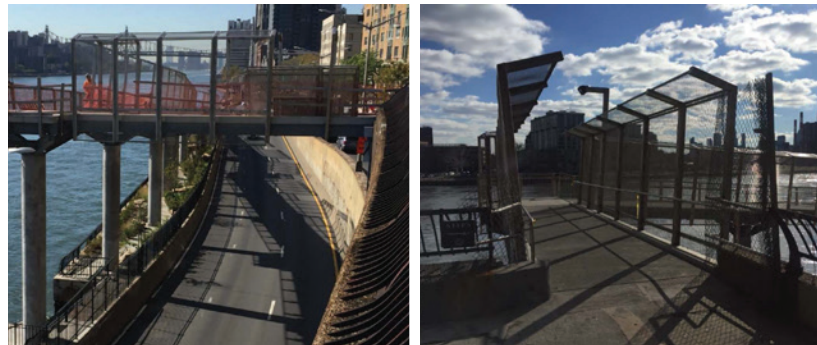
2. Pedestrian Bridge at 102nd Street (Randall's Island)



6. Pedestrian Bridge at 63rd Street



10. Pedestrian Bridge at 6th Street



3. Pedestrian Bridge at 81st Street



7. Pedestrian Bridge at 51st Street



11. Pedestrian Bridge at Delancey Street



4. Pedestrian Bridge at 78th Street (John Jay Park)









8. Pedestrian Bridge at 25th Street




12. Pedestrian Bridge at Corlears Hook Park

**LEGEND**

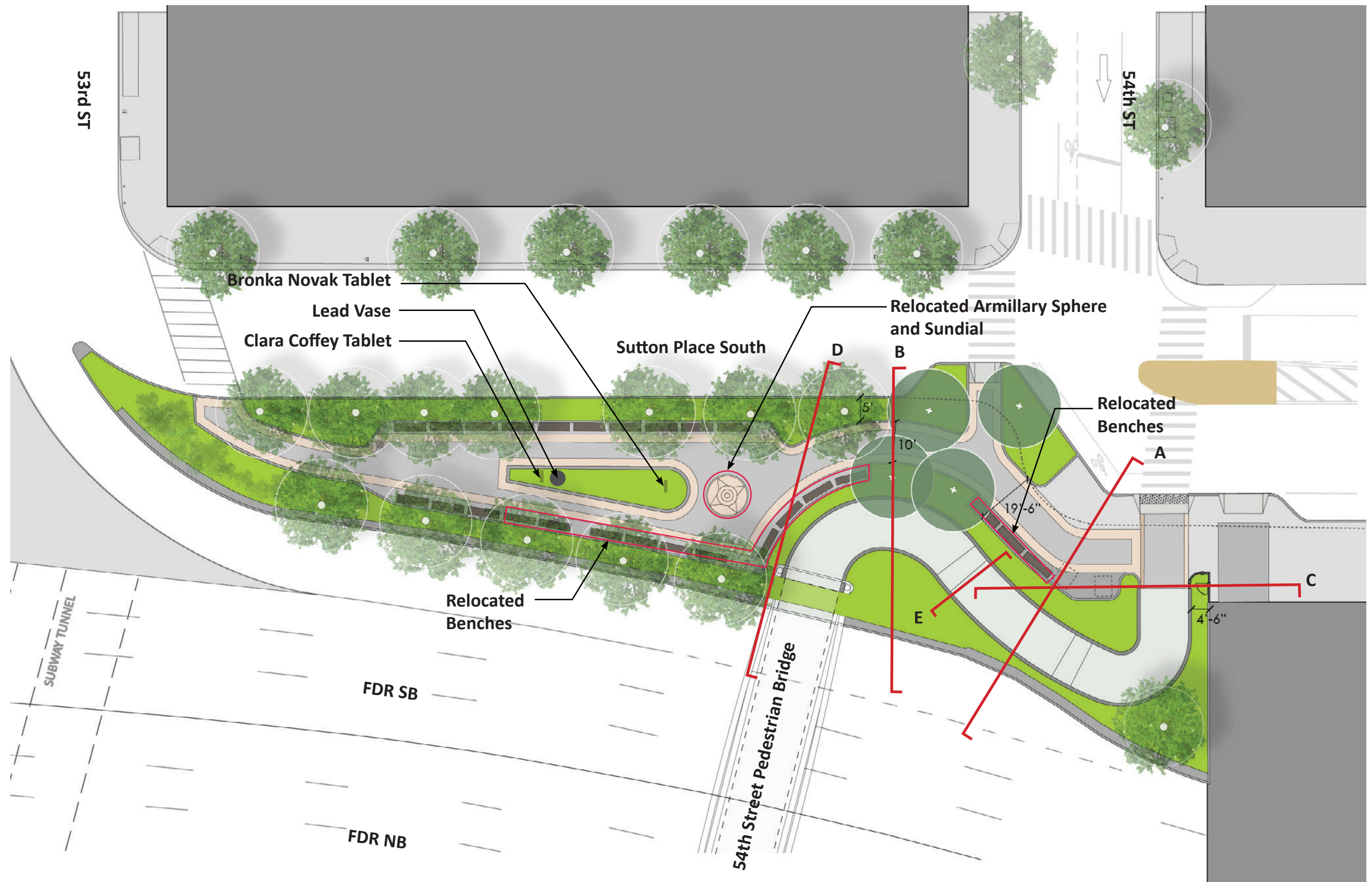
-  Existing Pedestrian Waterfront Connection
-  Proposed Pedestrian Waterfront Connection
-  Proposed East Midtown Greenway
-  Public Open Space
-  Private Open Space
-  Future Open Space



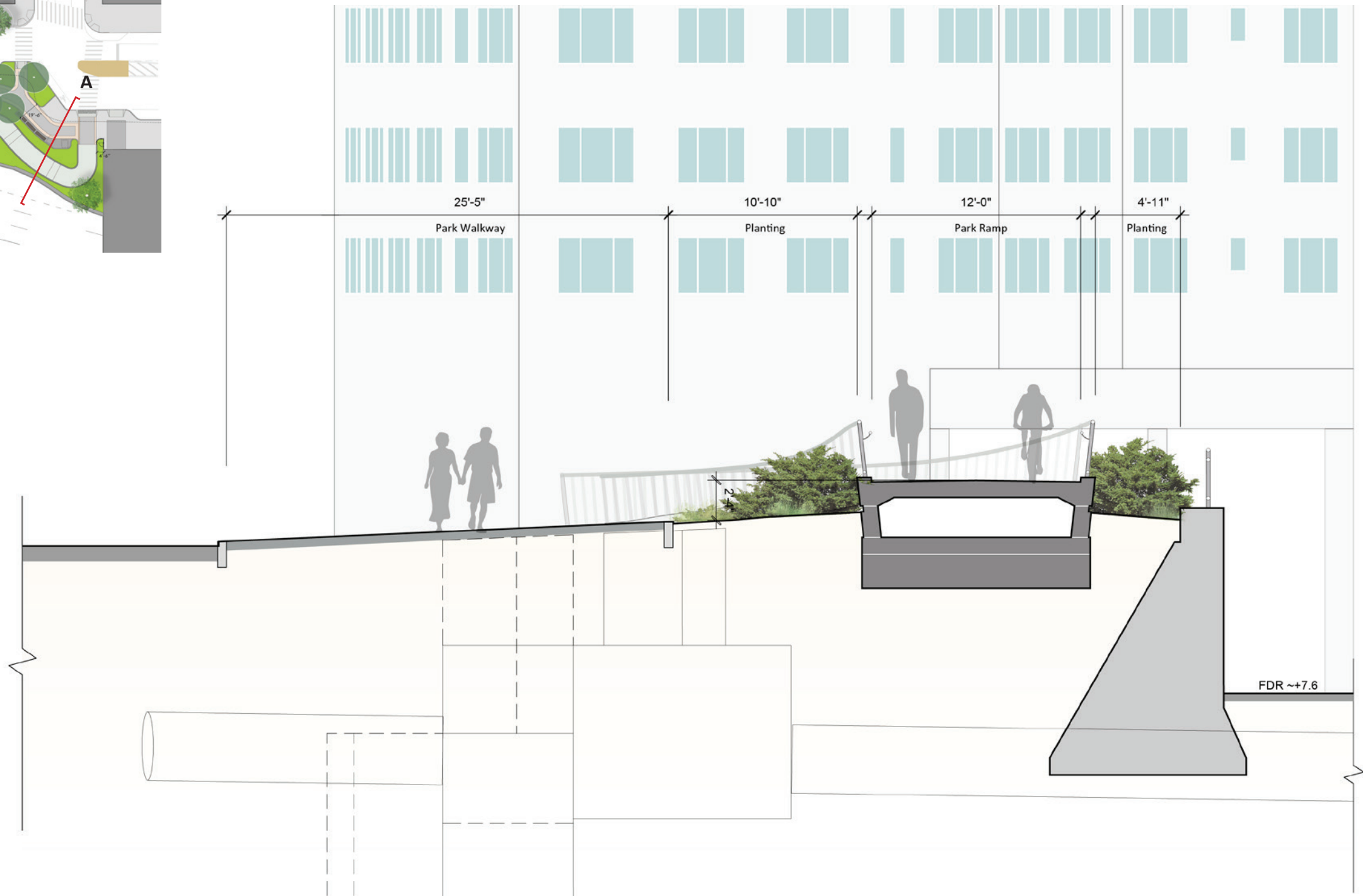
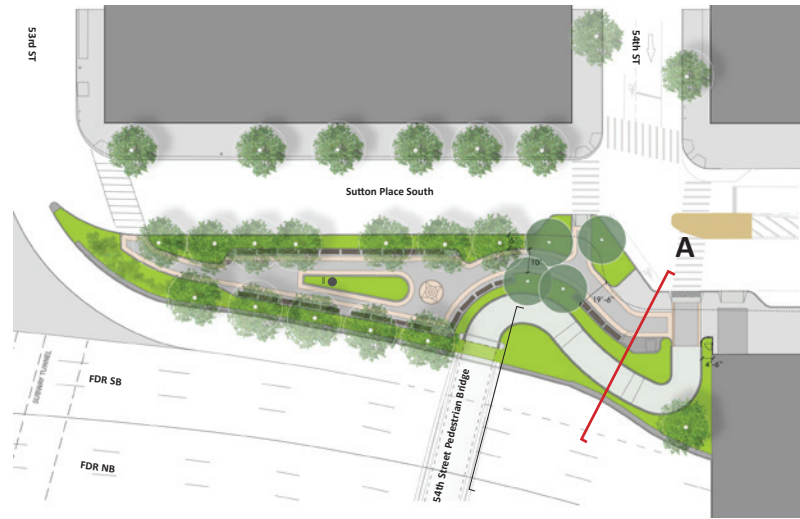
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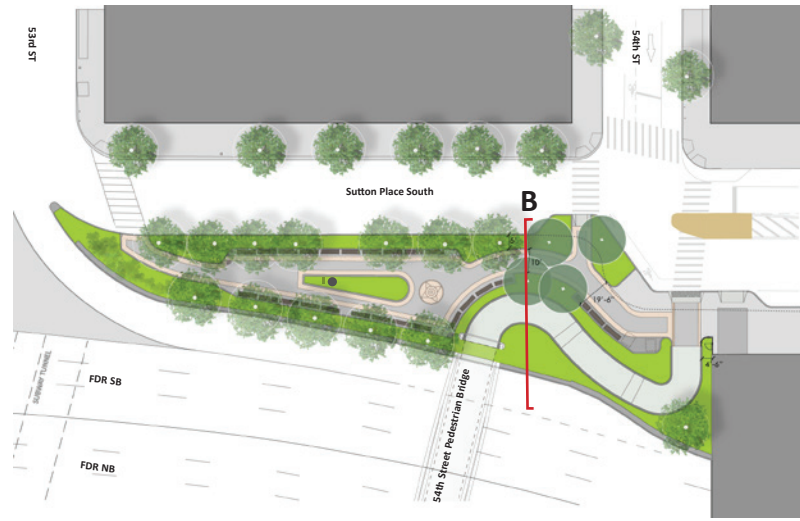




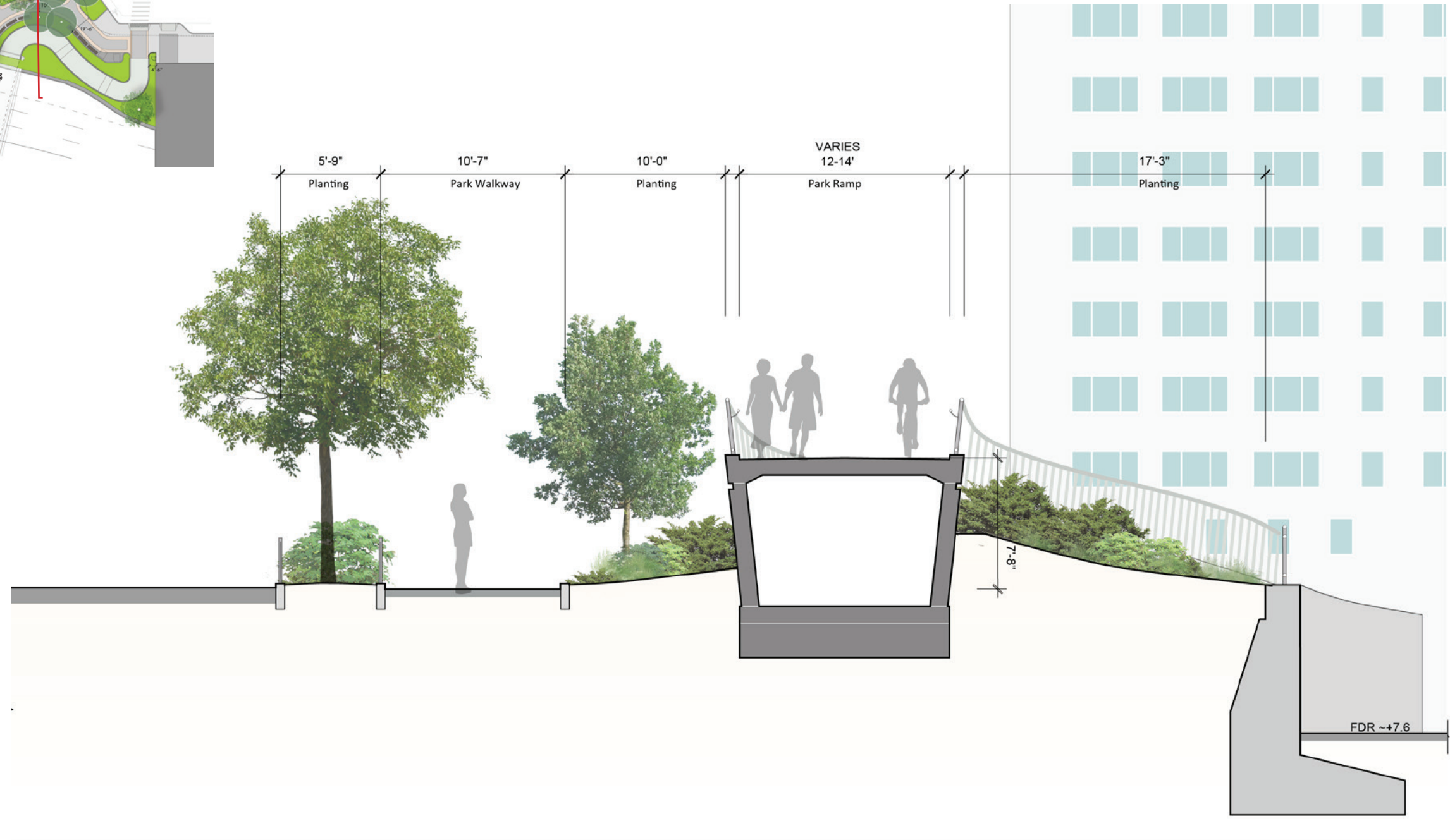
Section A



**Section B**

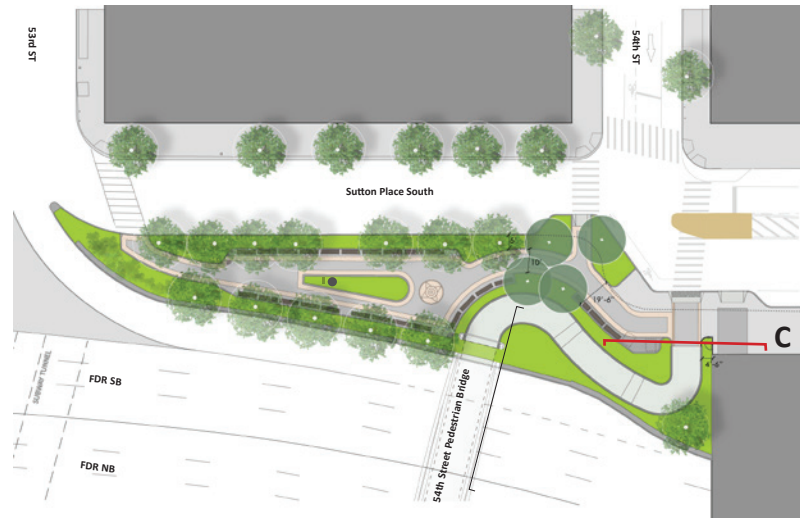


**Key Plan**





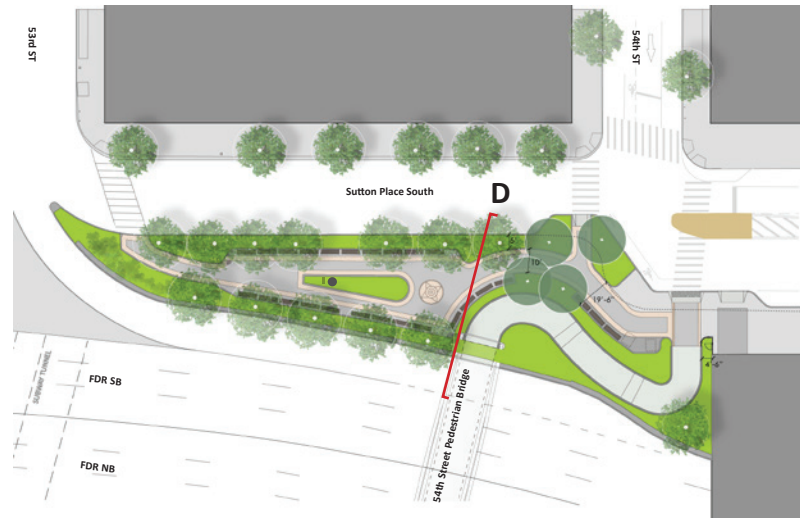
Section C



Key Plan



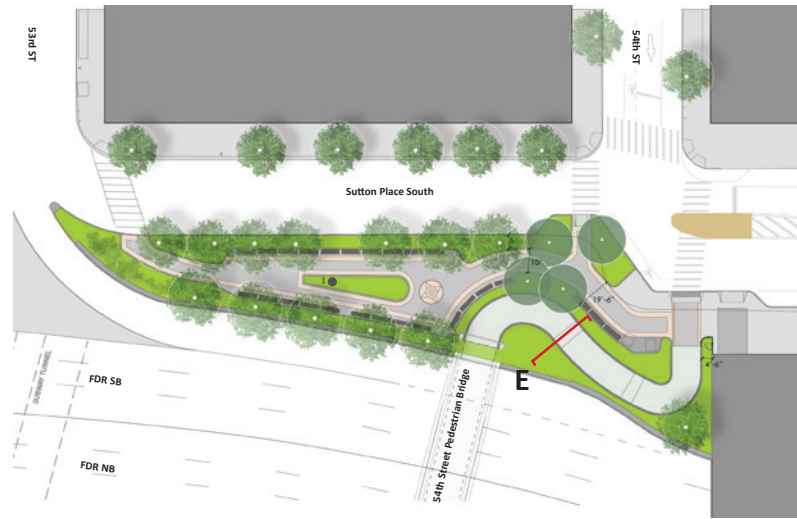
Section D



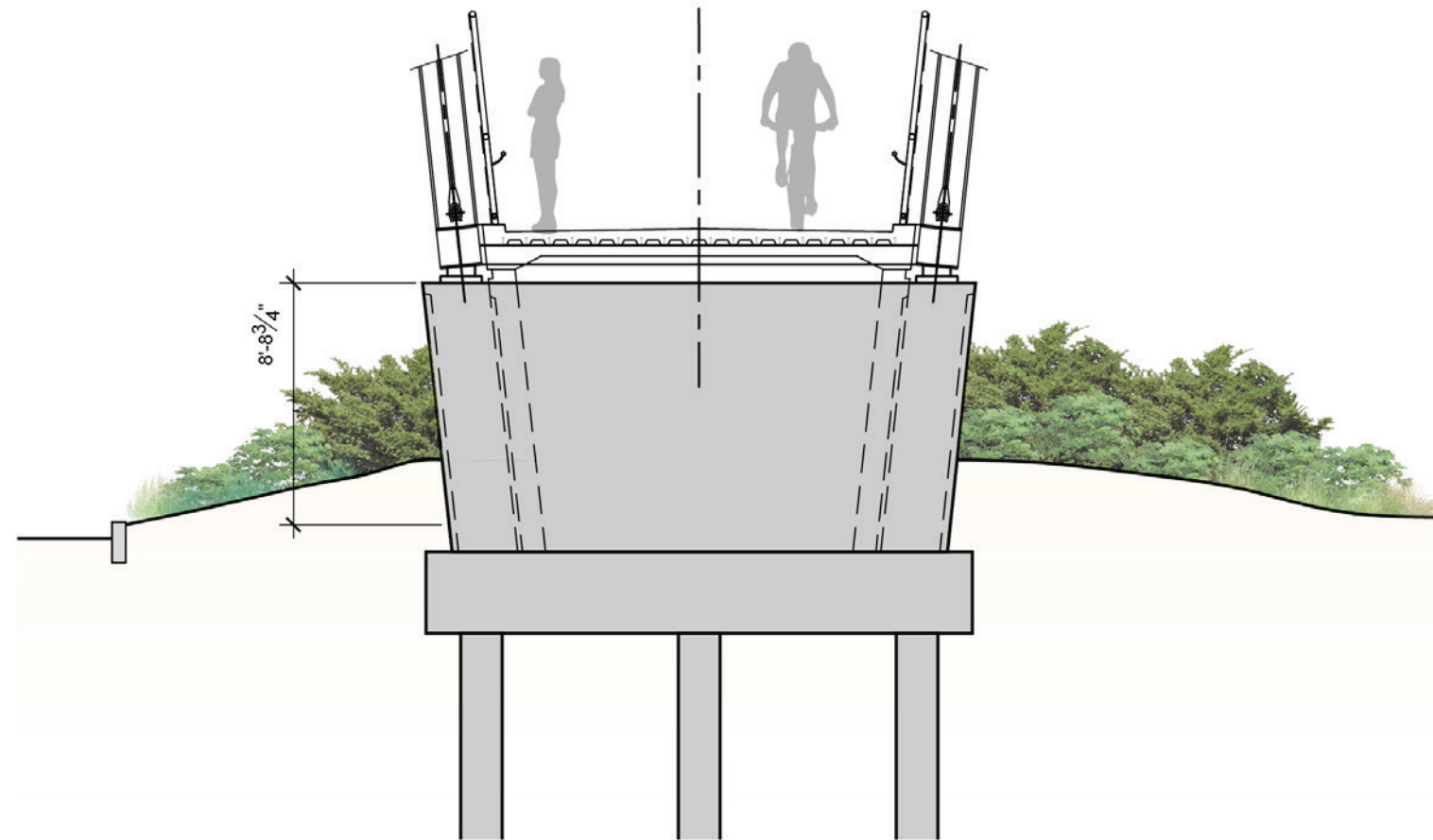
Key Plan

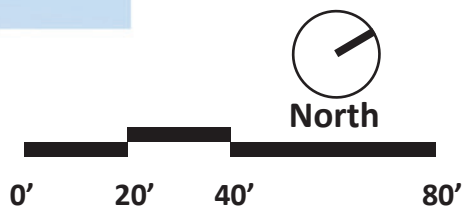
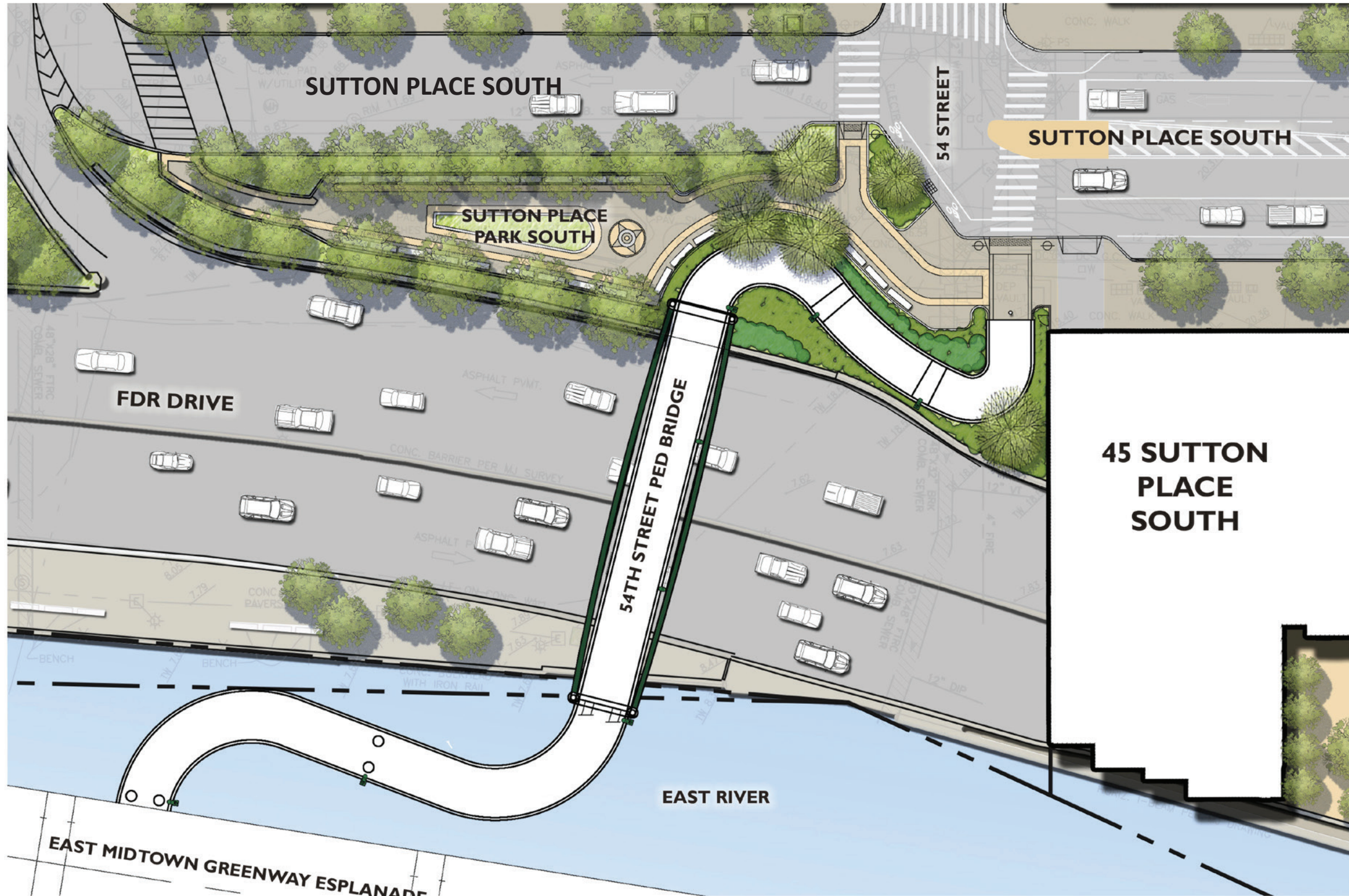


Section E

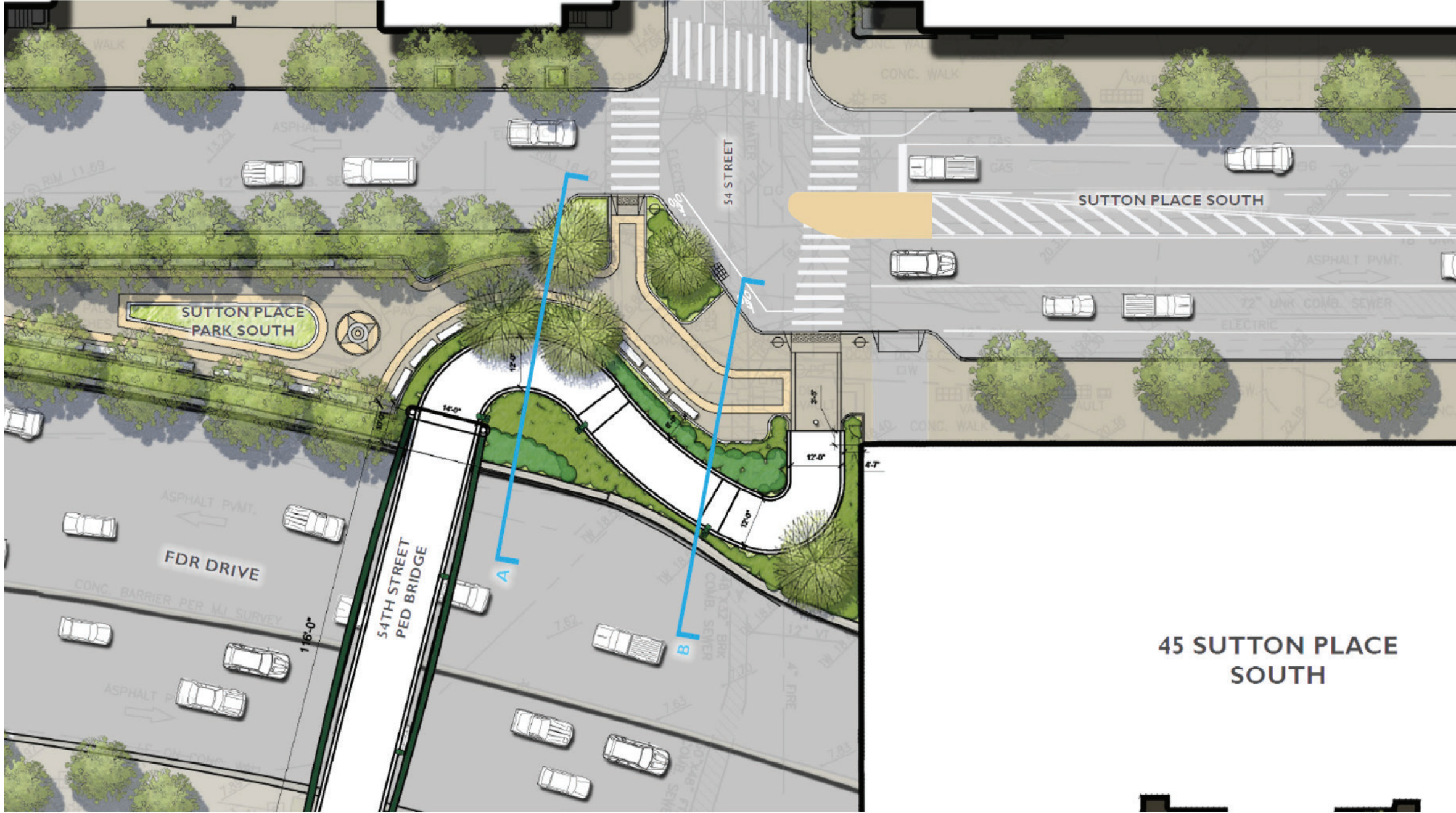


Key Plan

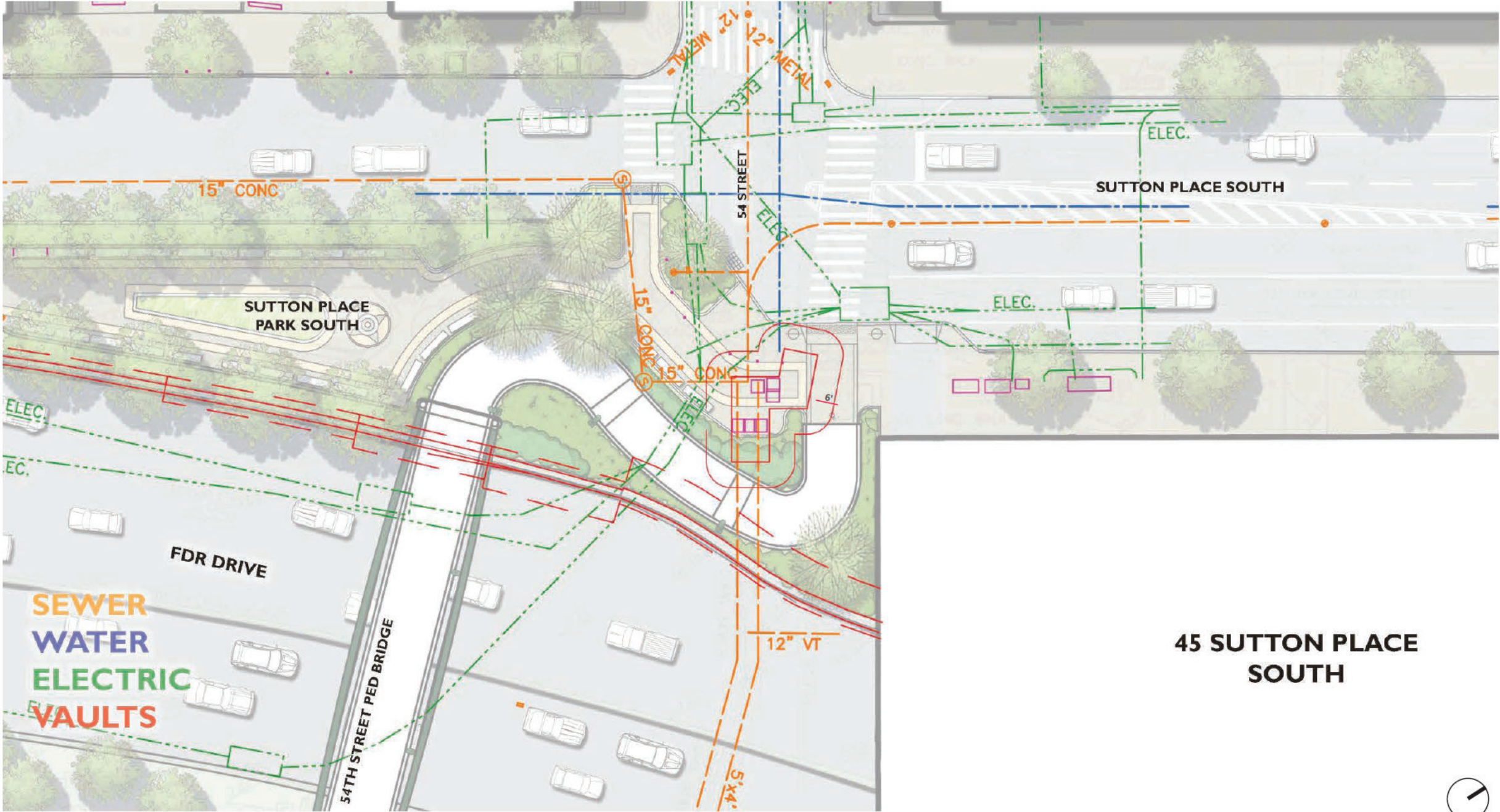




# RAMP AND PARK PLAN

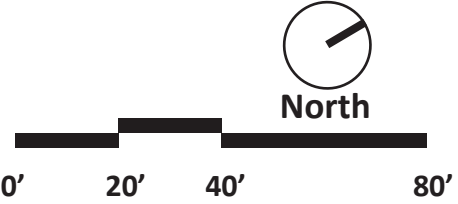


# UTILITIES

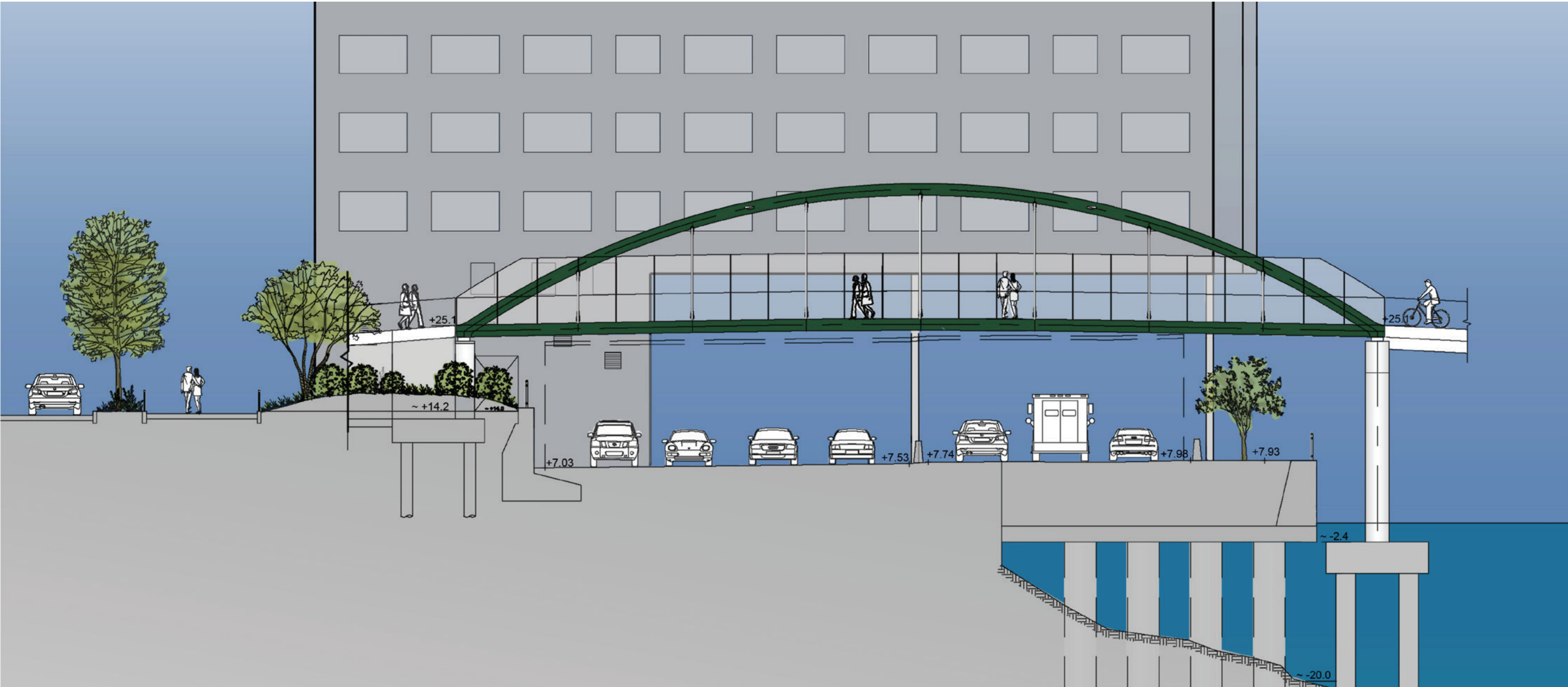


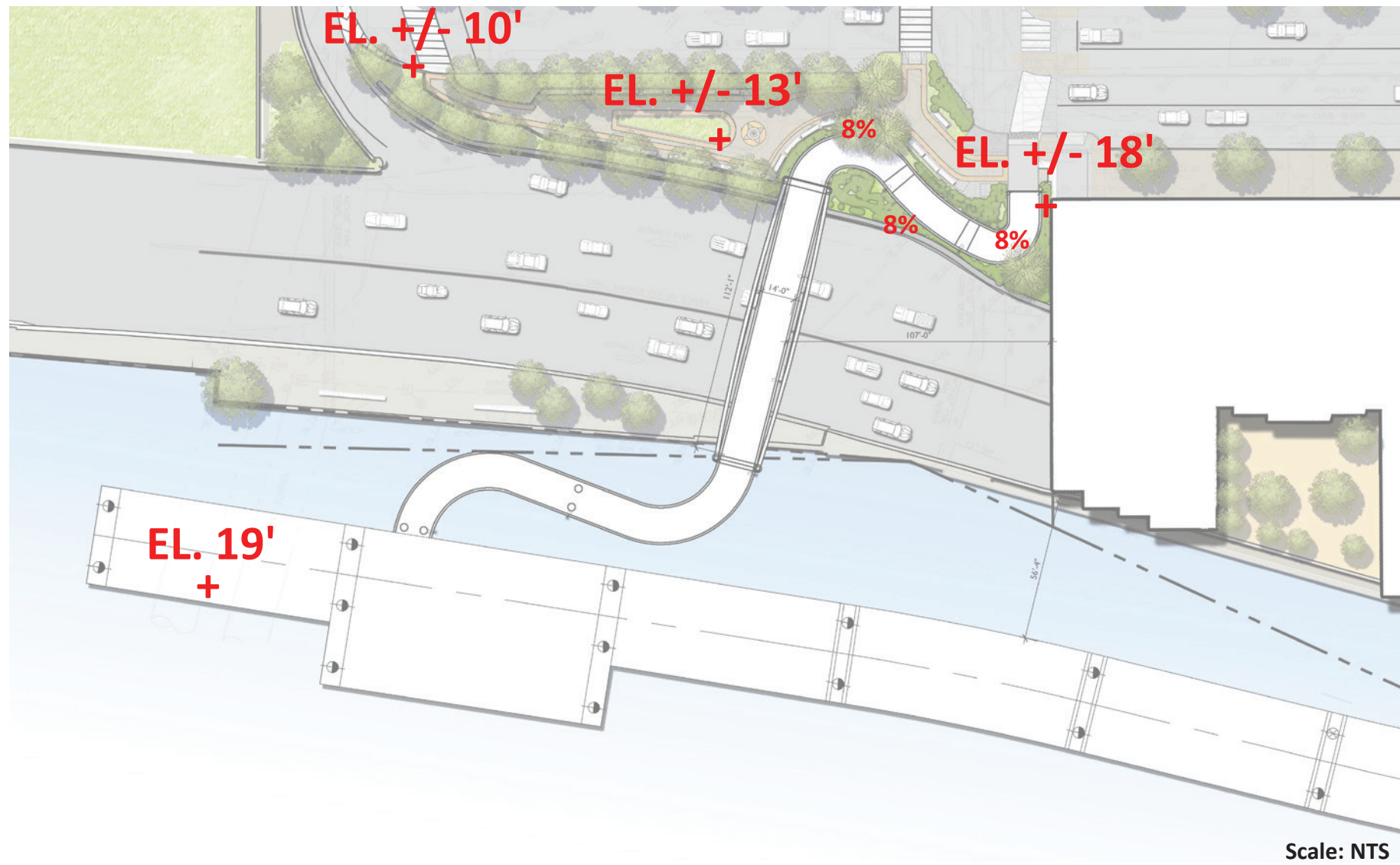
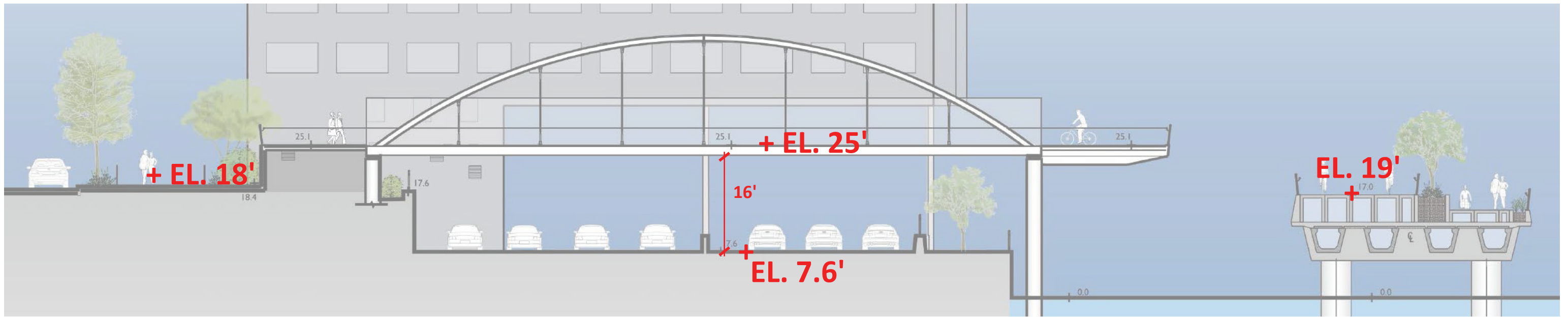
45 SUTTON PLACE SOUTH

Scale: NTS  
North



# CONTEXT ELEVATION



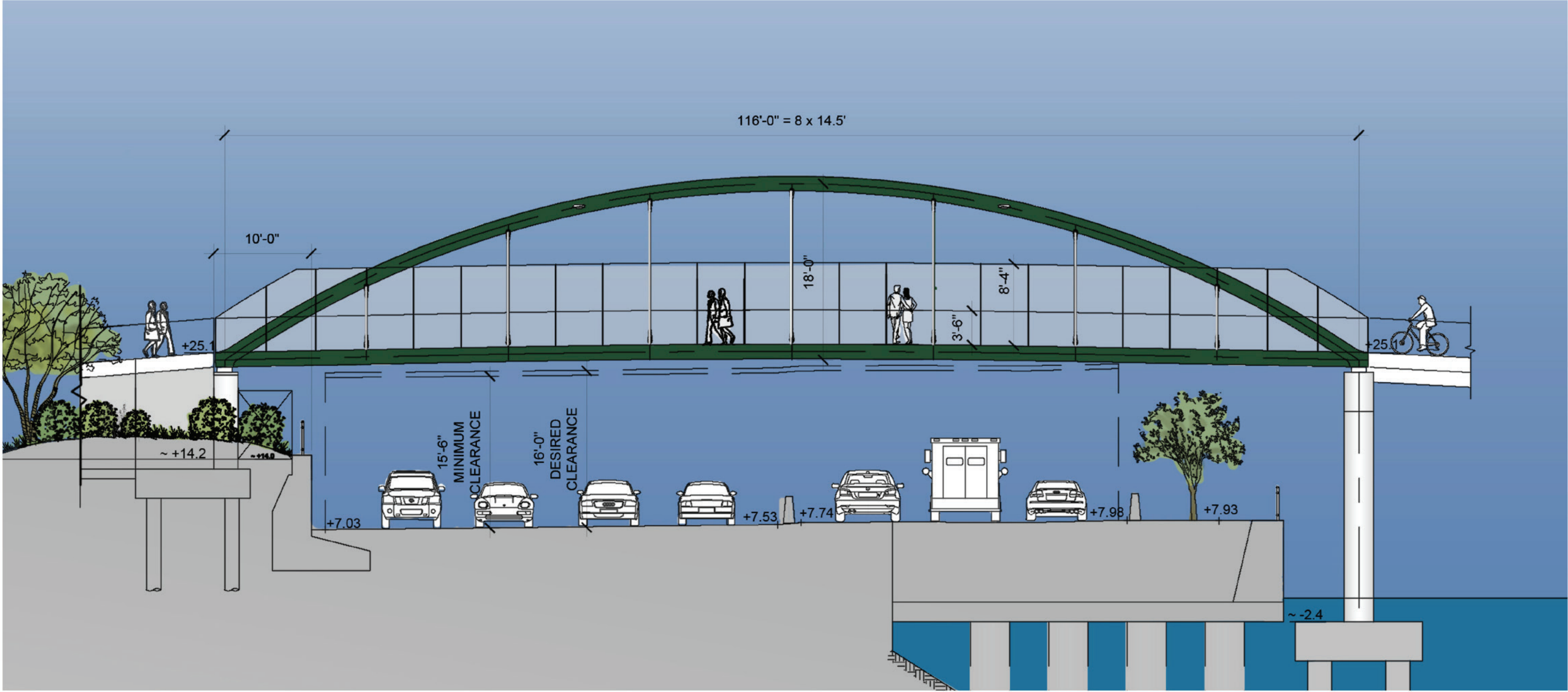


**Land Side Bridge Landing: Goal is to achieve the shortest possible ramp length and minimal disturbance to Sutton Place Park. Strategies to achieving this goal include:**

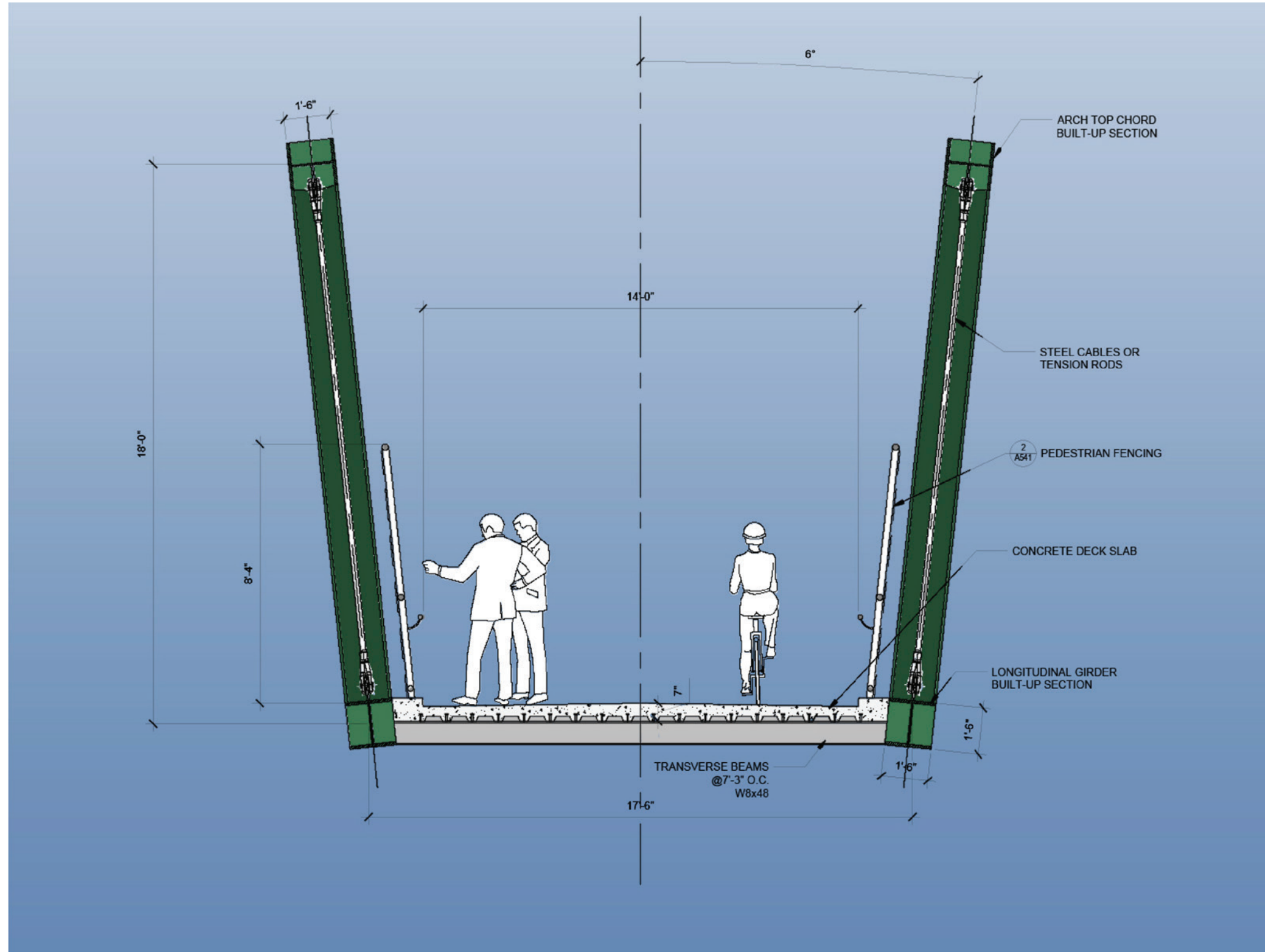
- Minimize depth of the structural deck to 18 inches
- Locate bridge landing to meet grade at the highest point in Sutton Place Park
- Integrate the bridge ramp into the landscape of the park
- Avoid placing any structural support in the FDR median
- Meet AASHTO clearance requirements



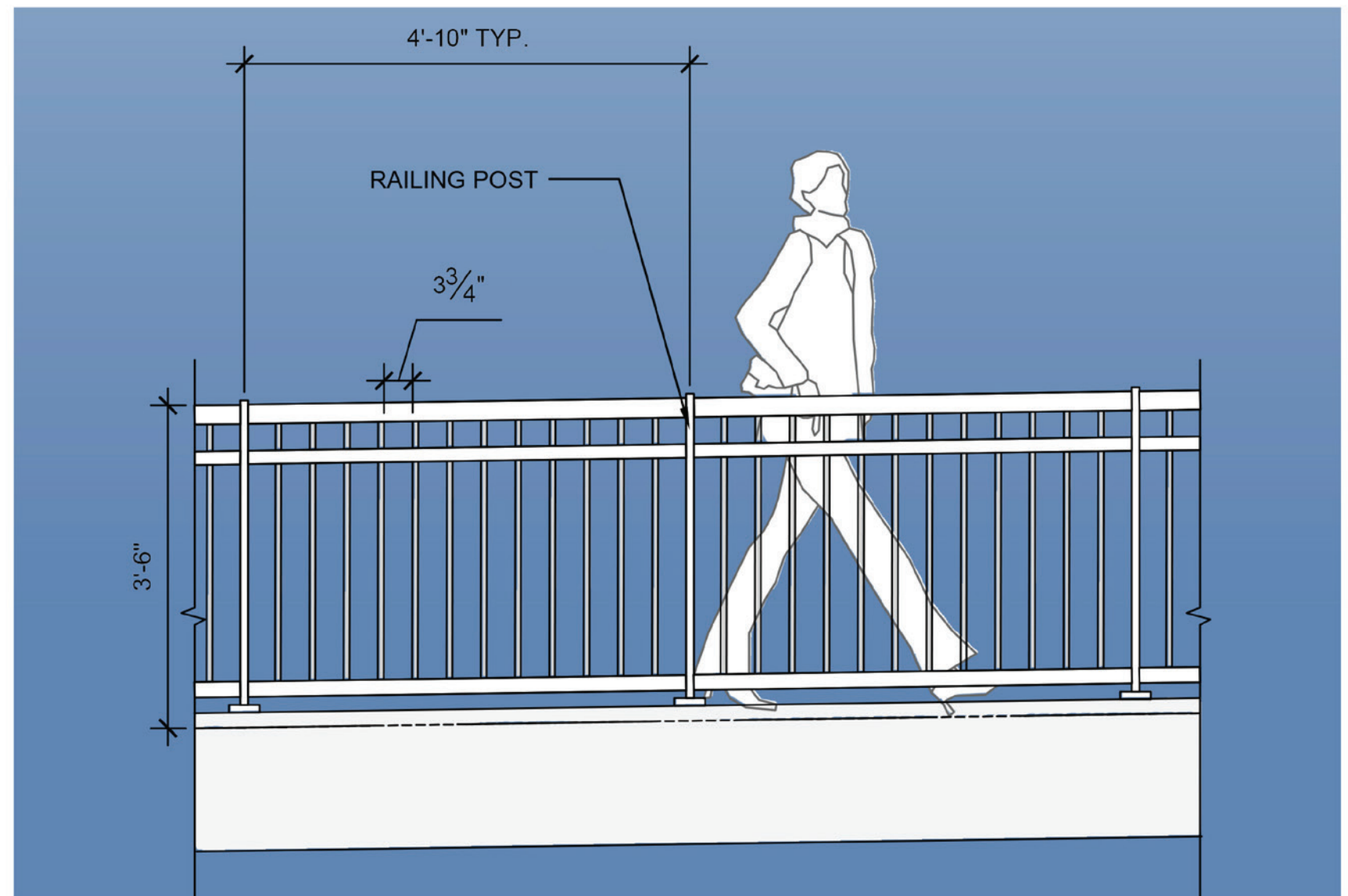
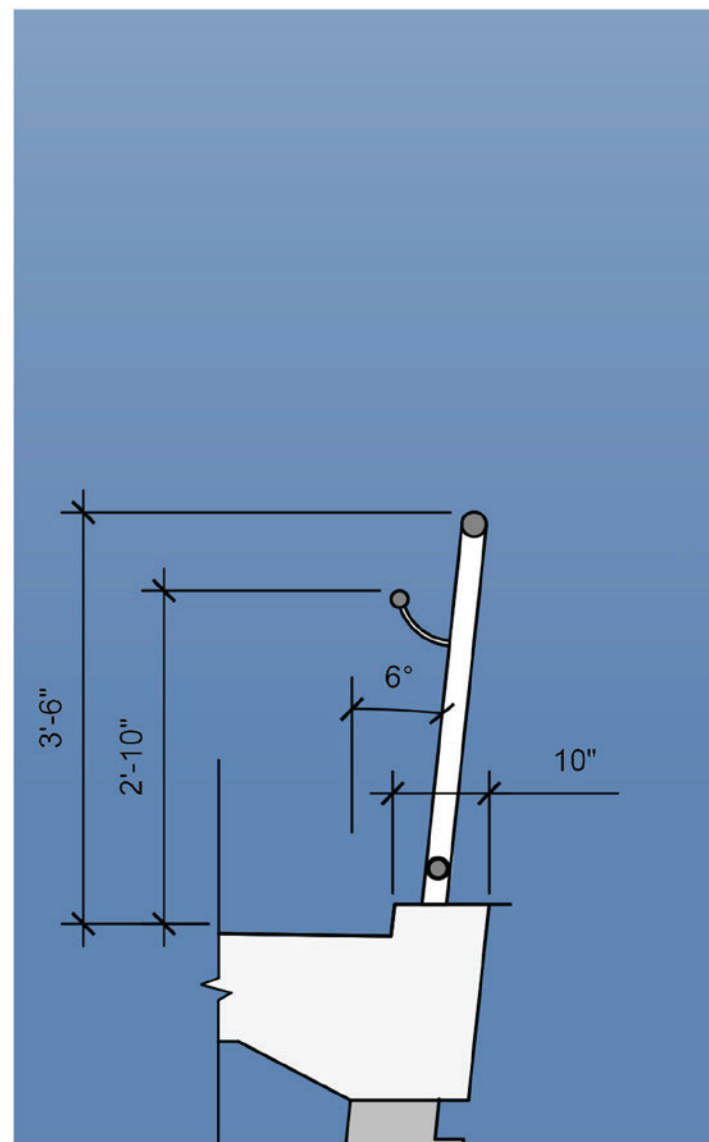
# DETAILED ELEVATION



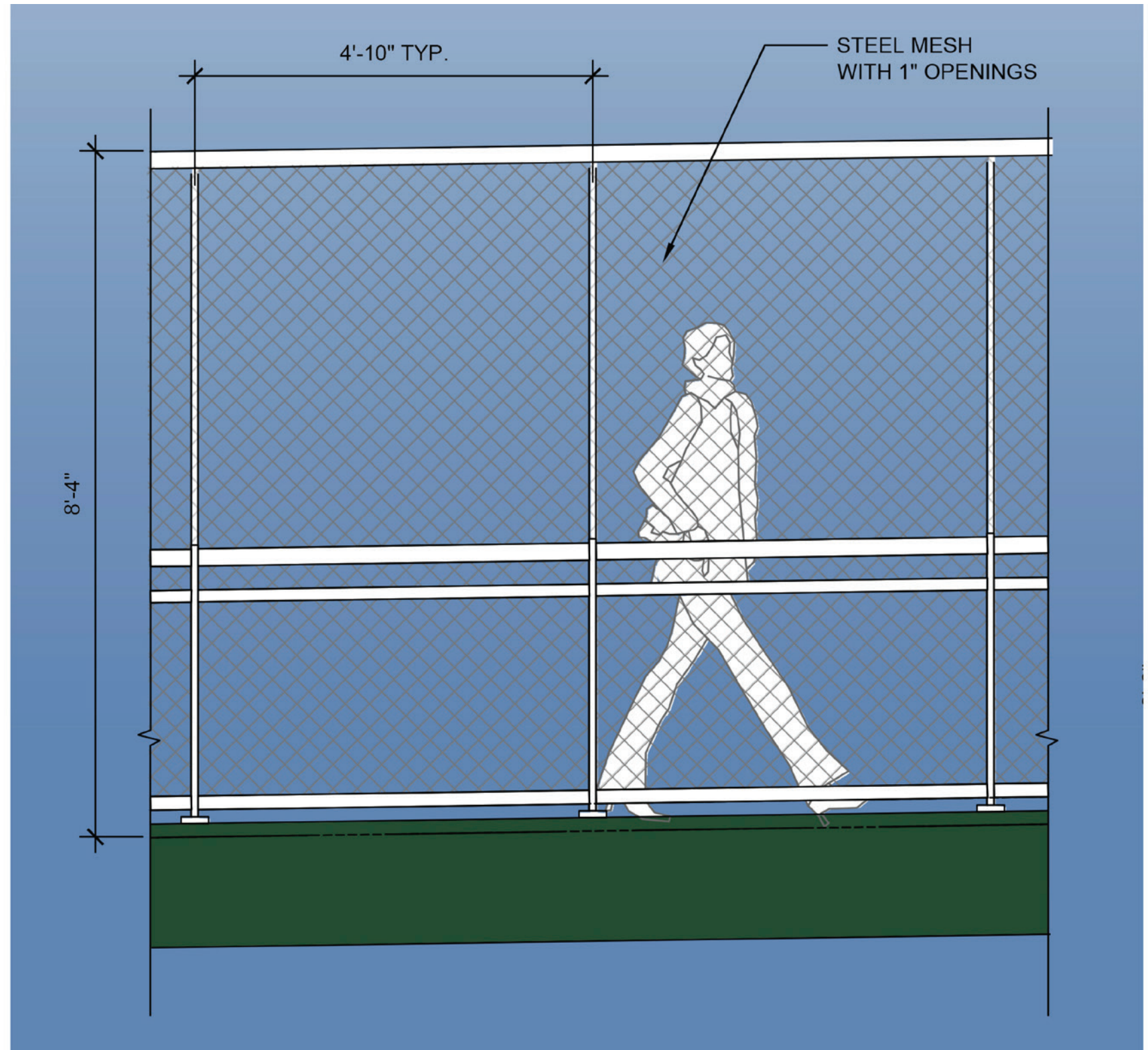
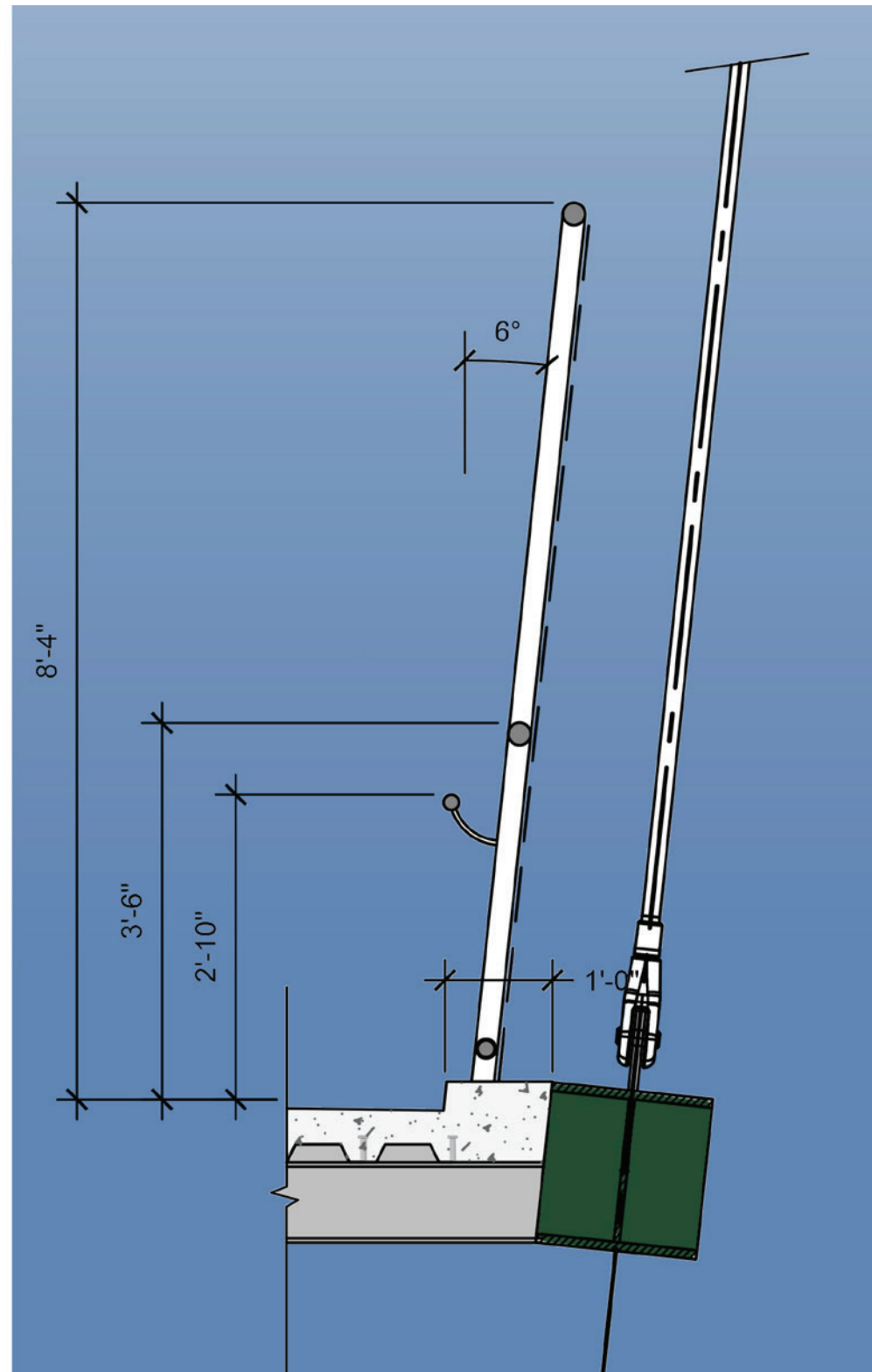
# TYPICAL BRIDGE SECTION



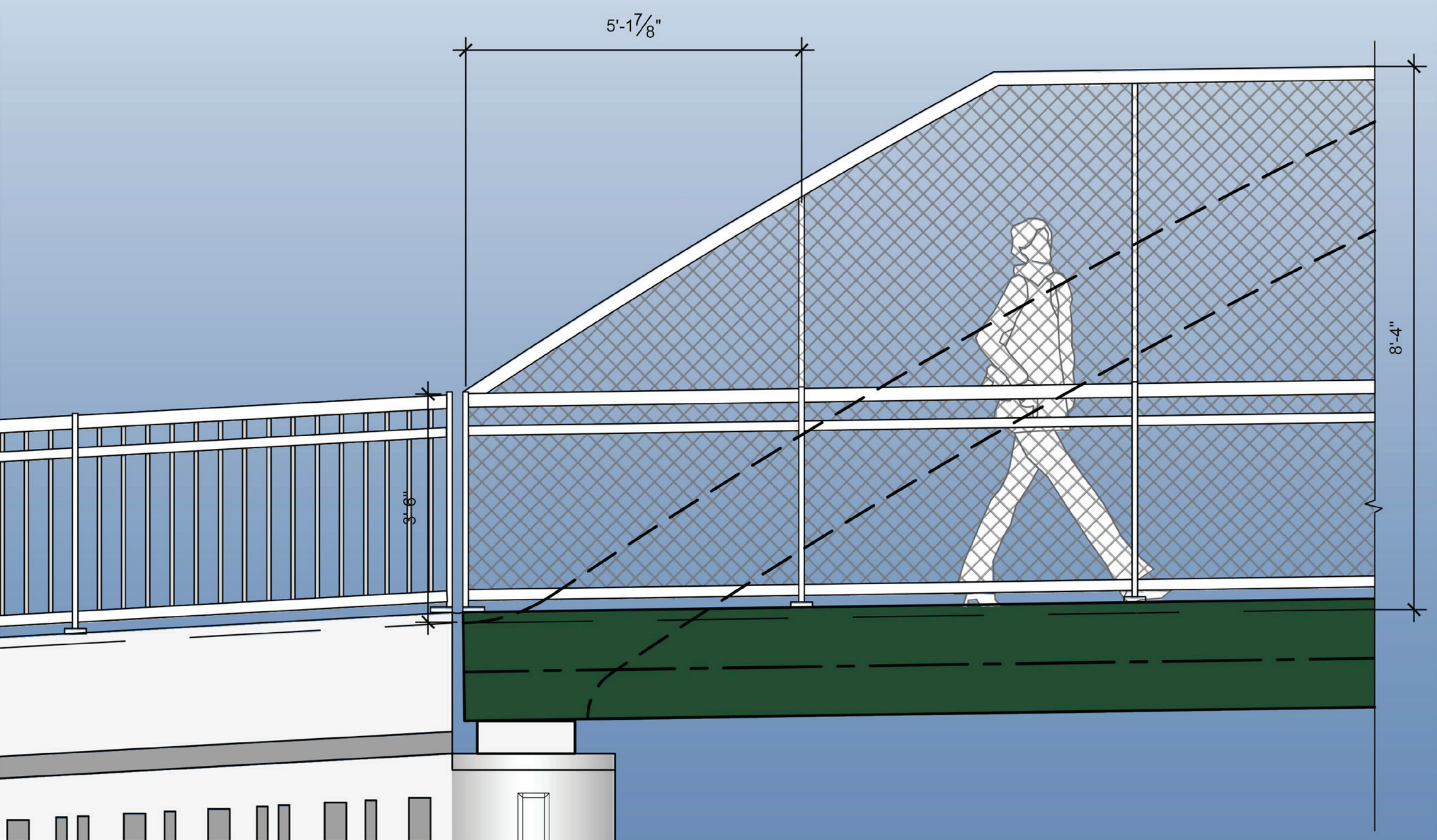
# TYPICAL RAMP RAILING



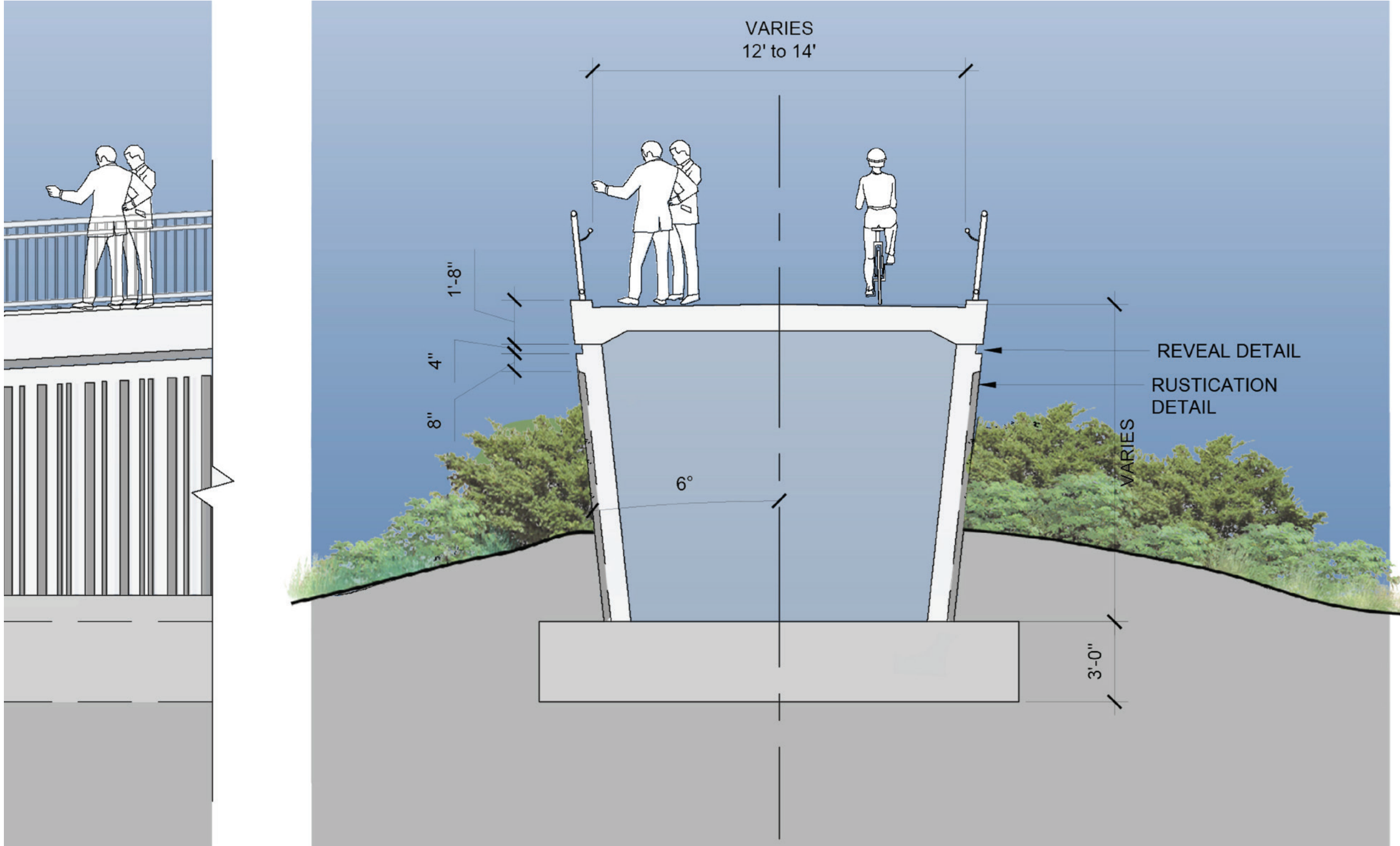
# BRIDGE RAILING AND MESH DETAIL



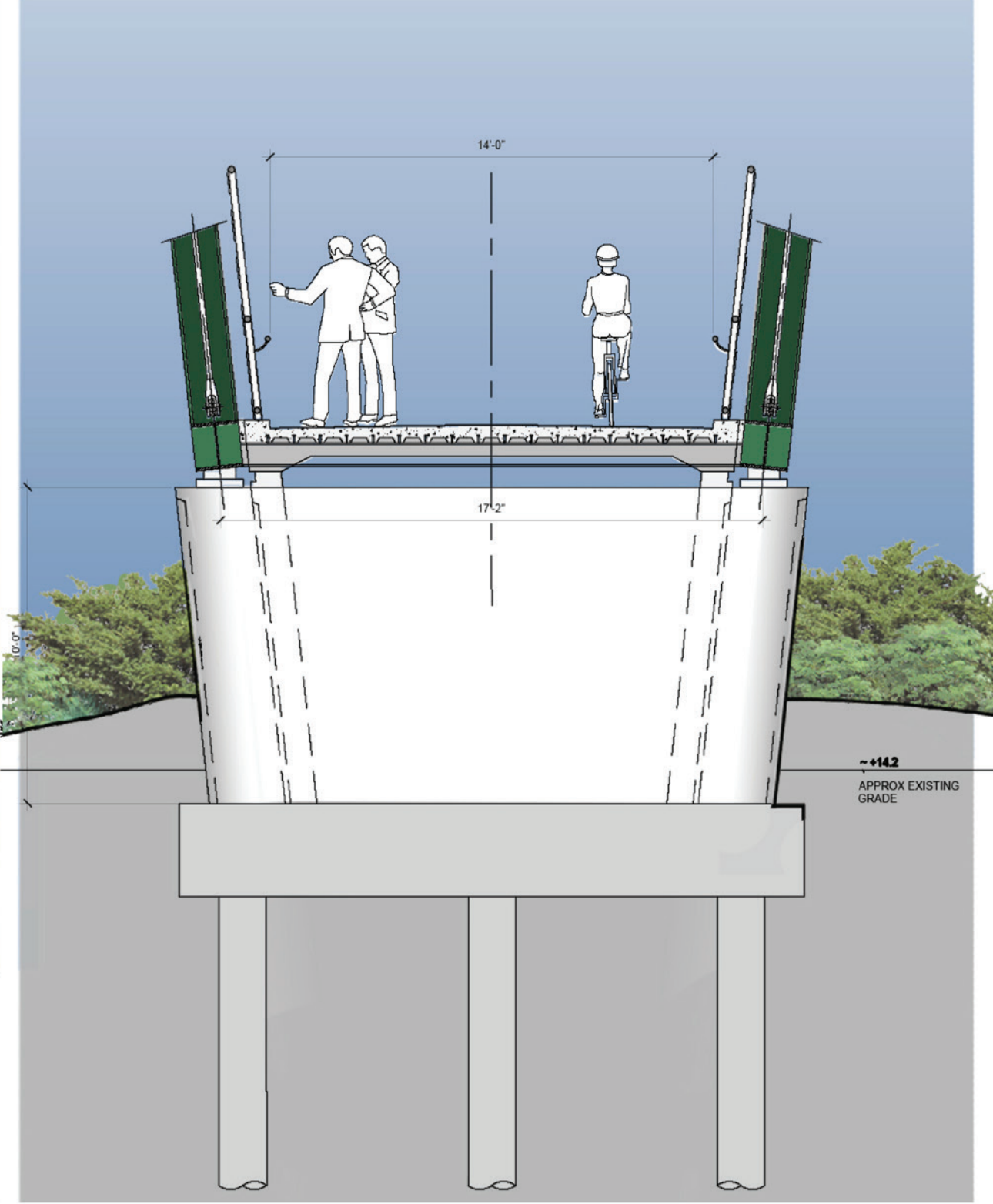
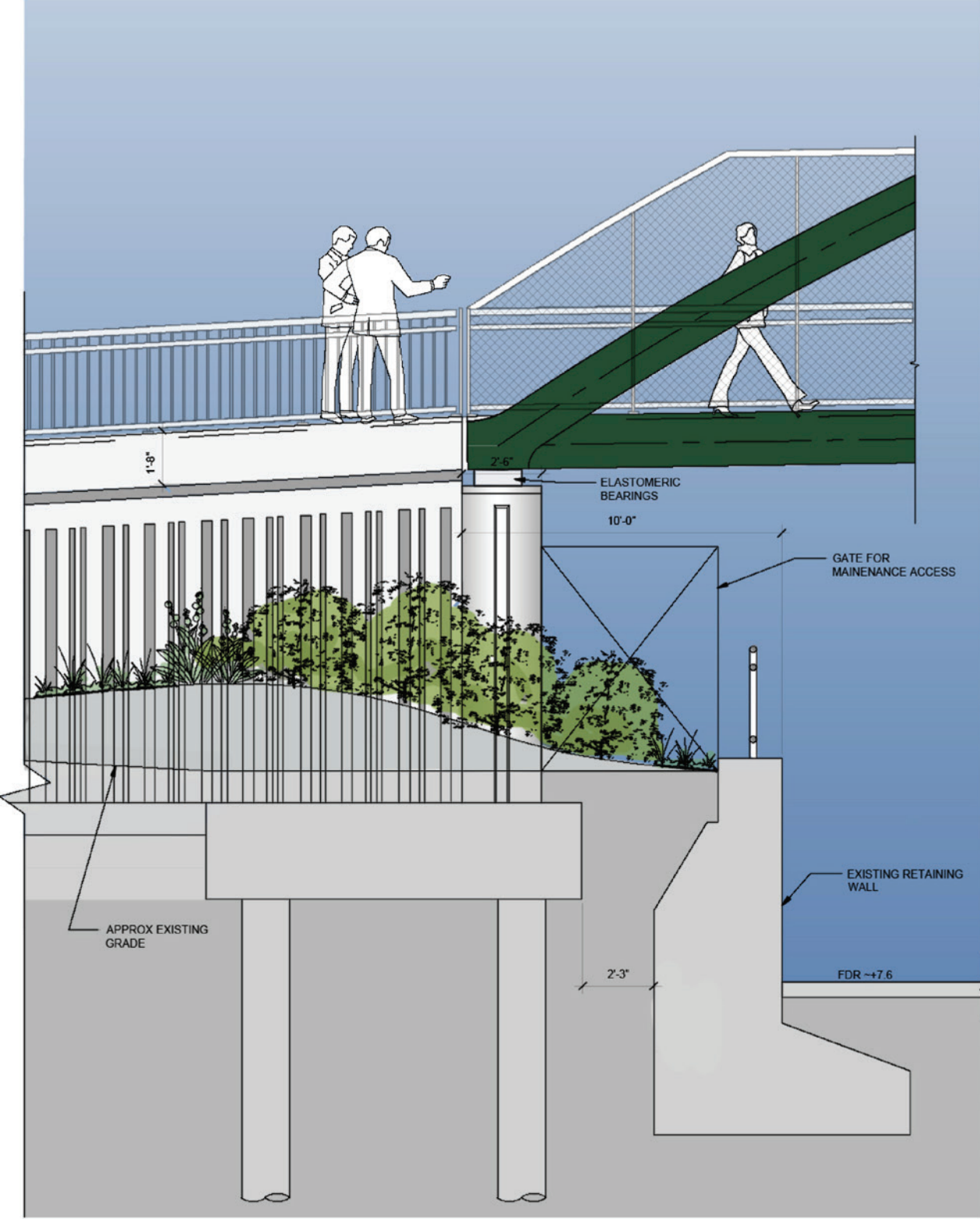
# MESH TERMINATION DETAIL



# PARK RAMP TYPICAL SECTION AND ELEVATION



# PARK RAMP AND BRIDGE ABUTMENT

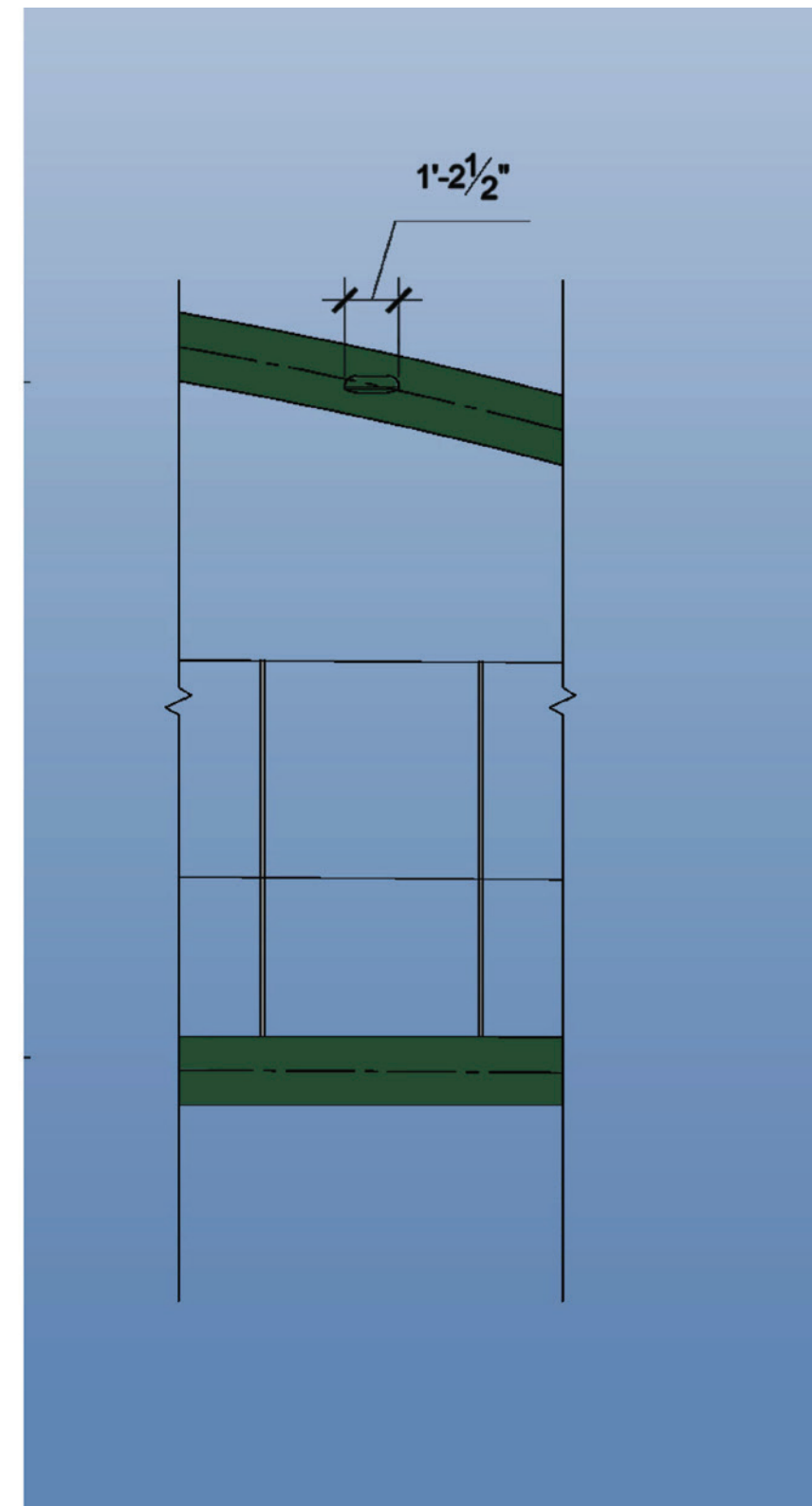
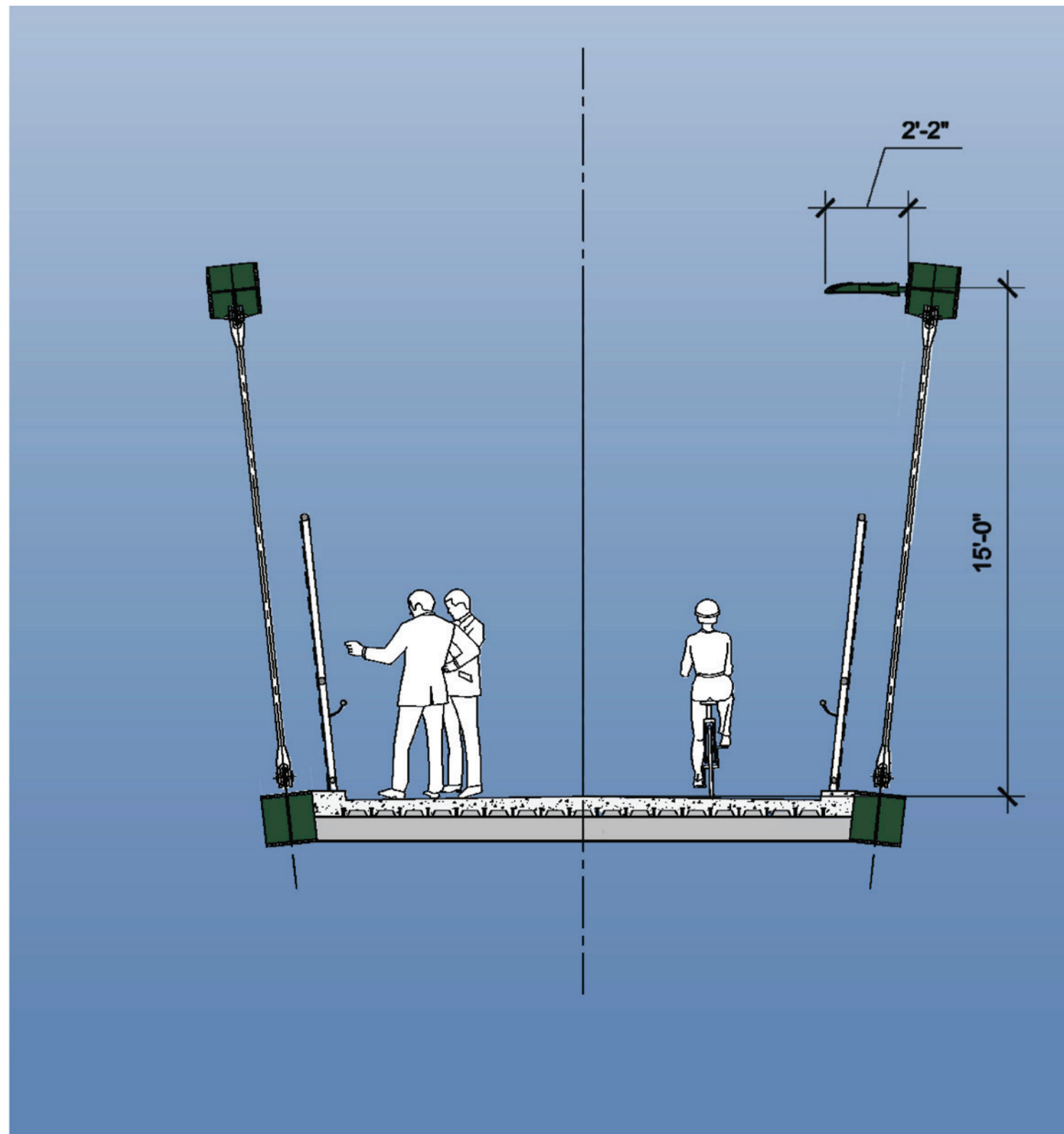


# PEDESTRIAN BRIDGE LIGHT LOCATIONS

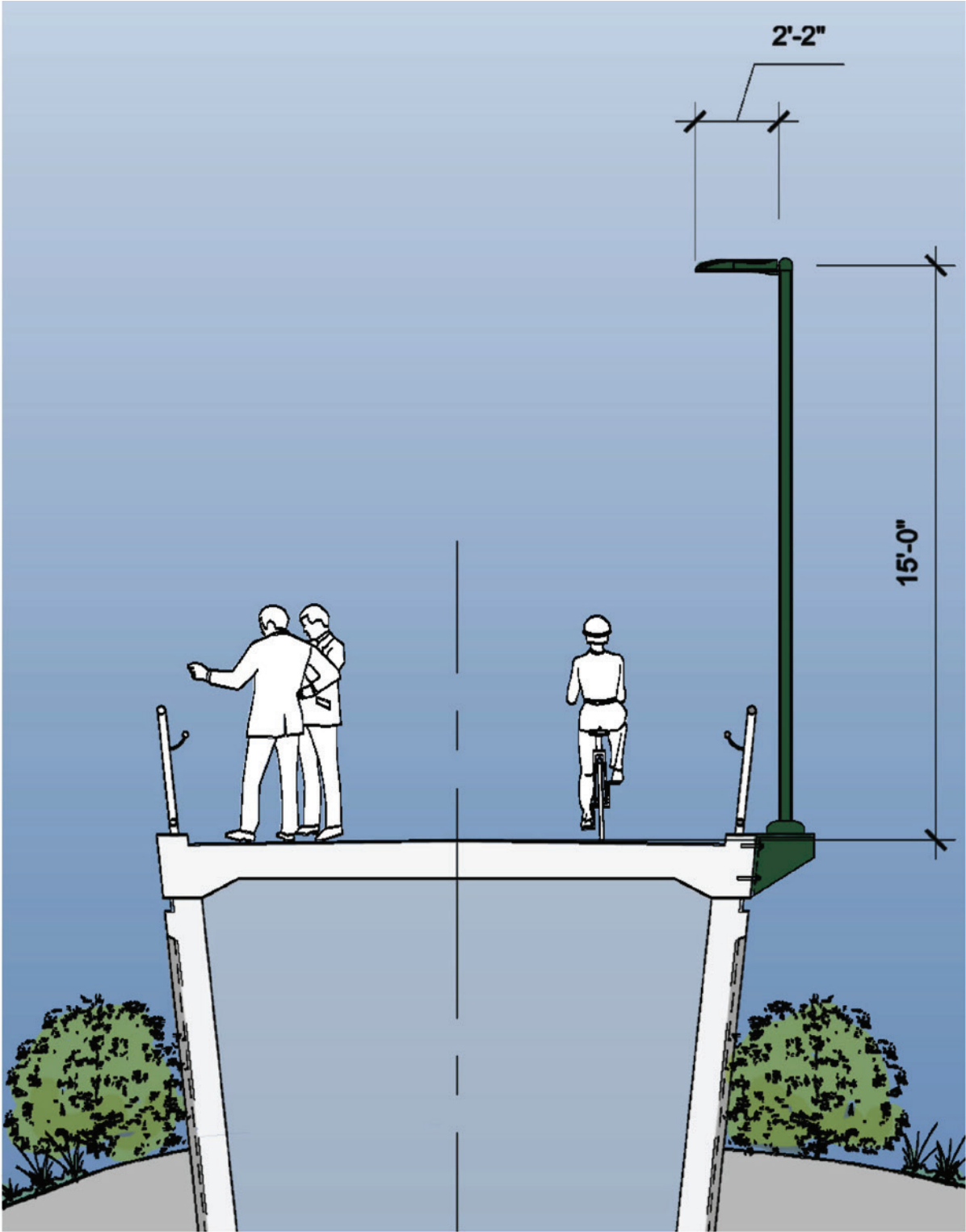
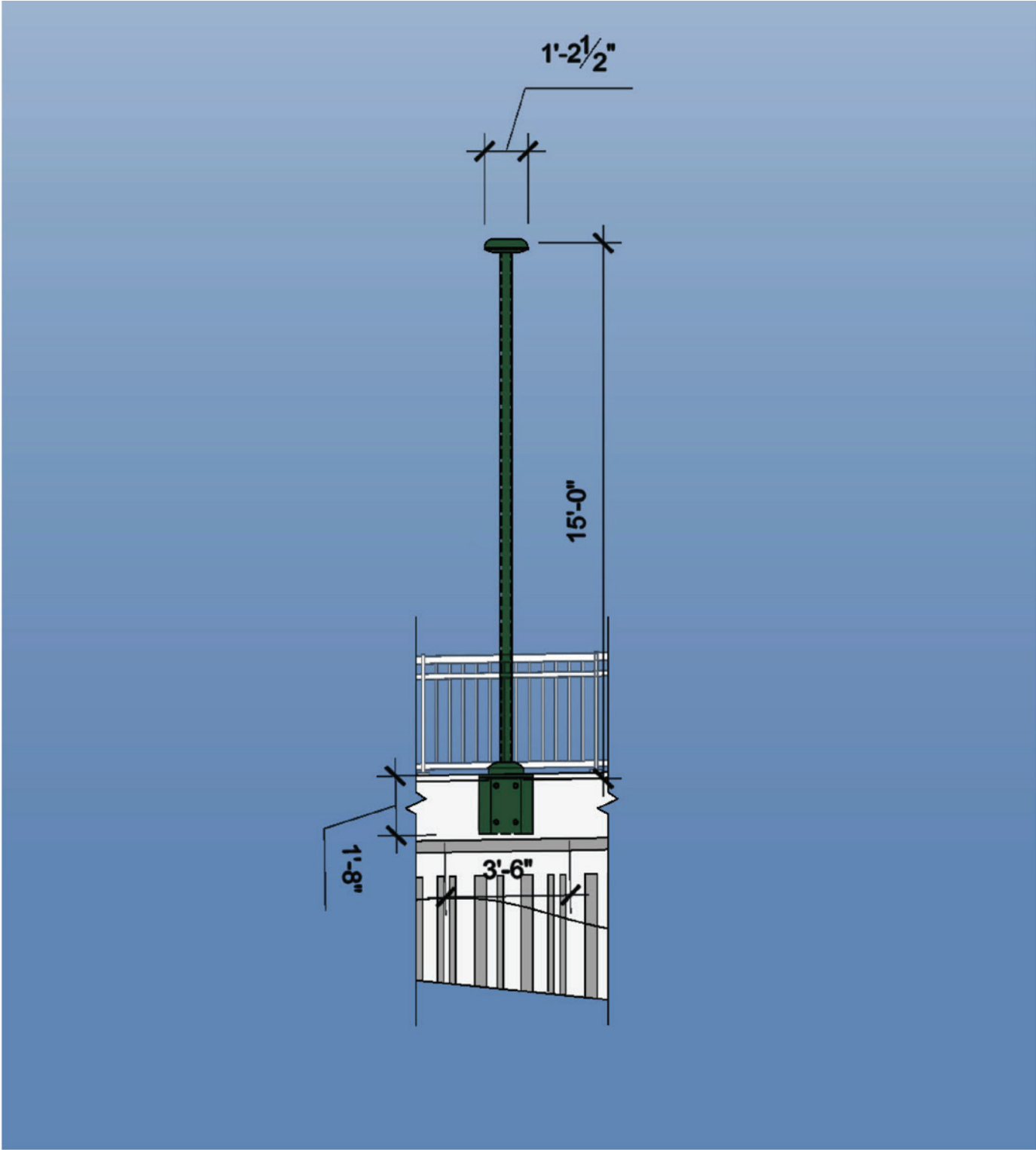




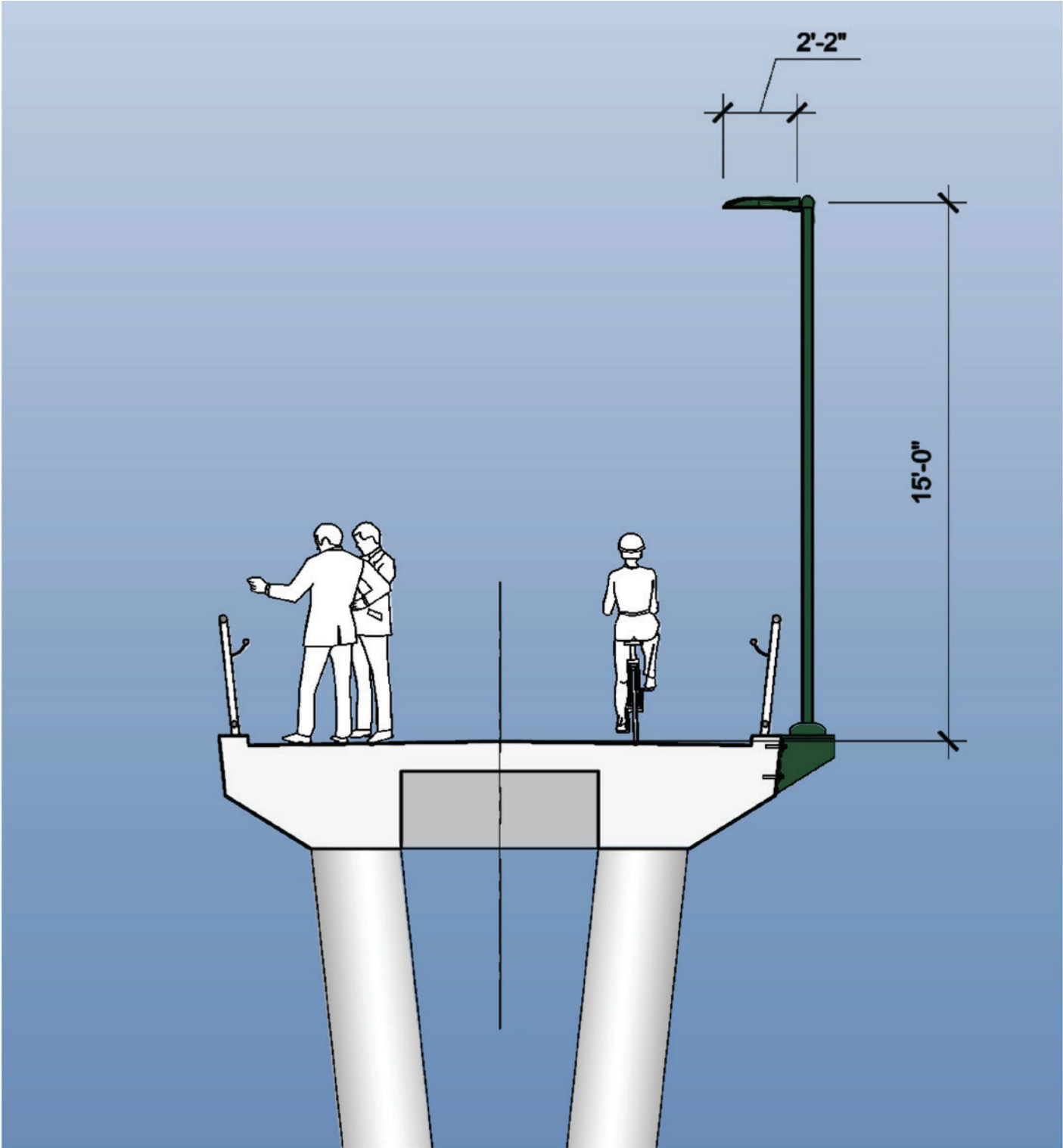
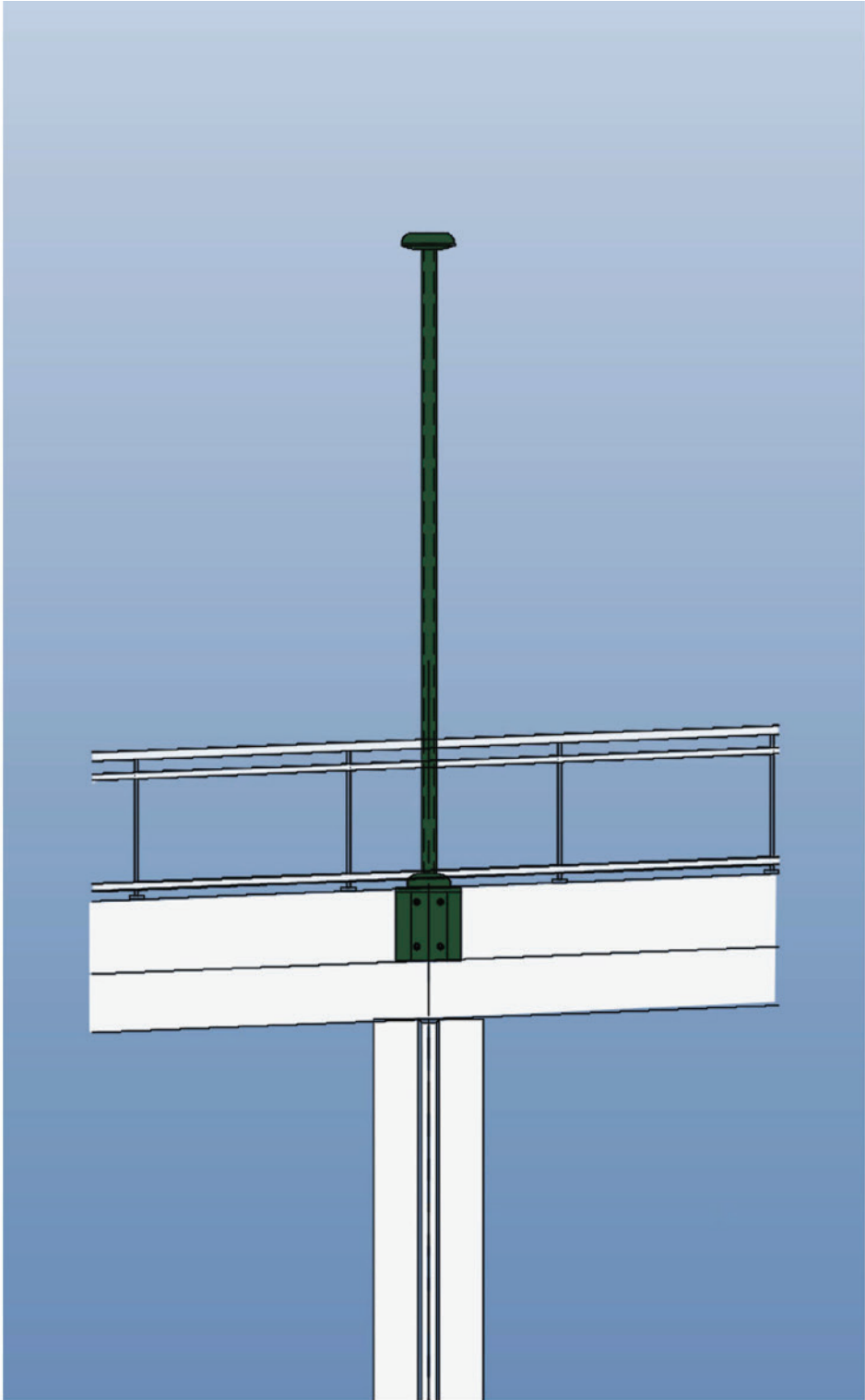
# LIGHTING AT BRIDGE



# LIGHTING AT LAND-SIDE RAMP



# LIGHTING AT WATER-SIDE RAMP





**54TH STREET**  
Span: 116'  
Height: 36'



**WEST 151<sup>TH</sup> STREET**  
Span: ~250'  
Height: ~50'



**WEST 46TH STREET**  
Span: ~370'  
Height: ~47'

**NYC PEDESTRIAN  
BRIDGE  
COMPARISON**

**CHAMBERS STREET**  
Span: ~230'  
Height: ~48'

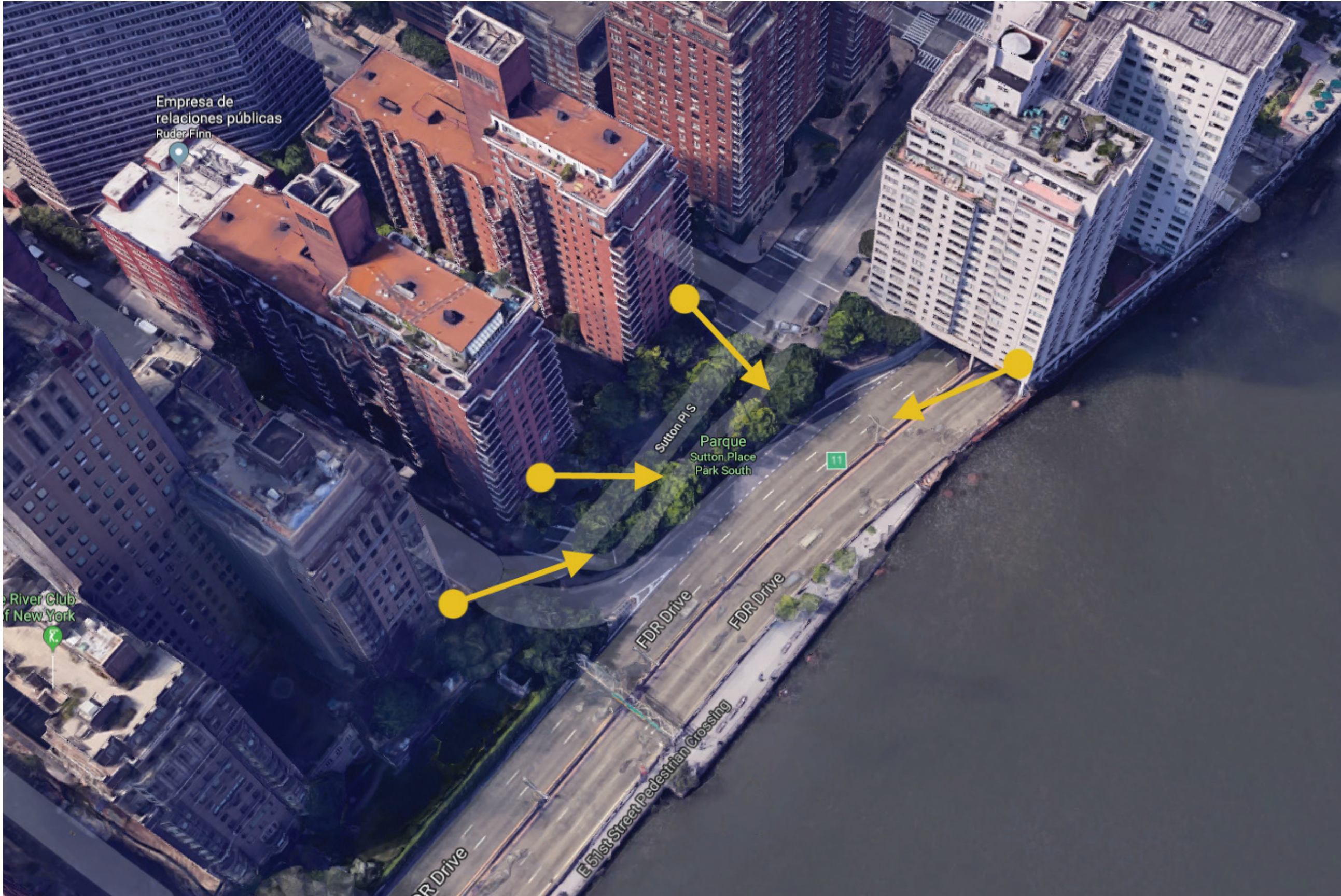


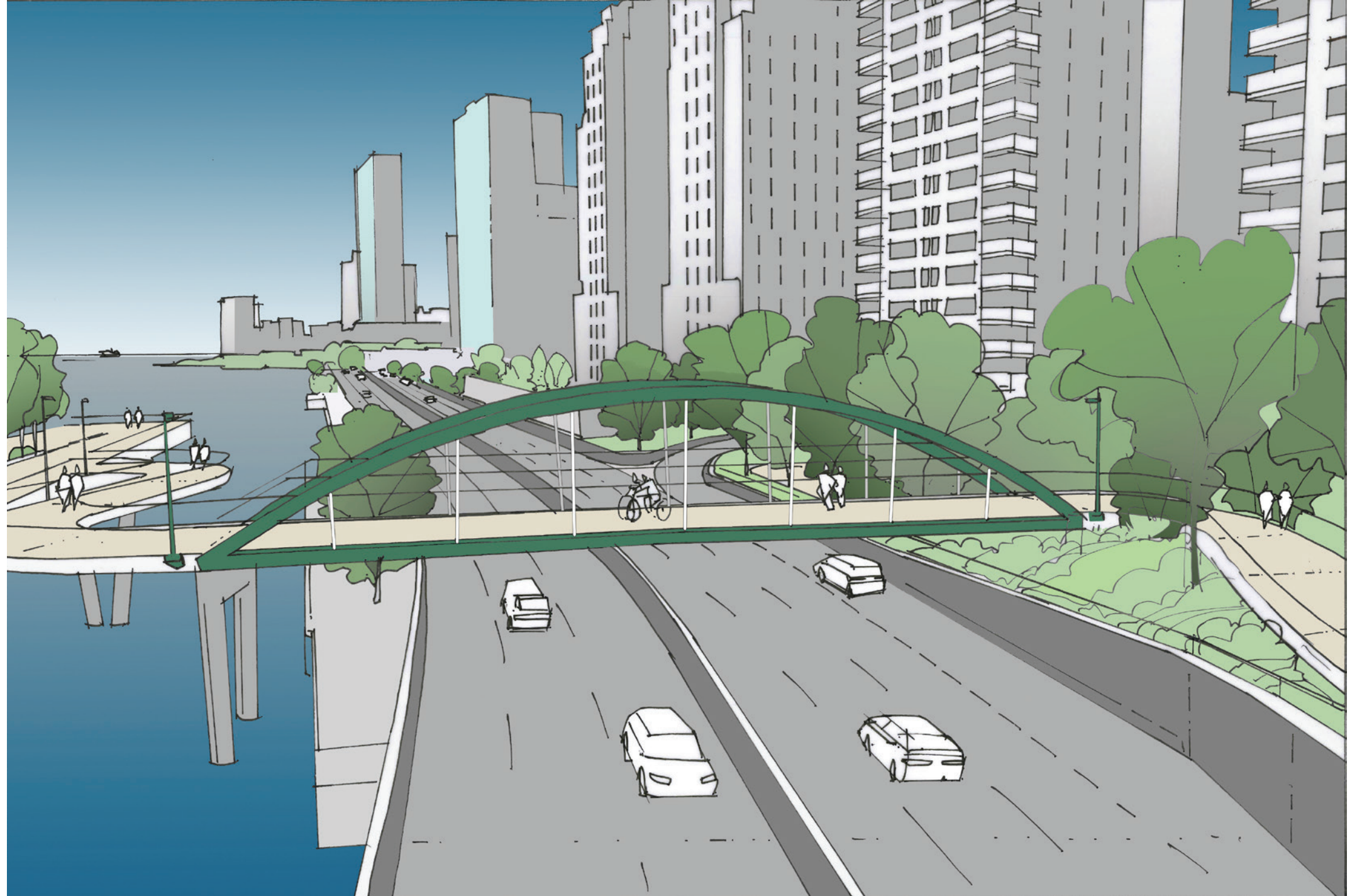
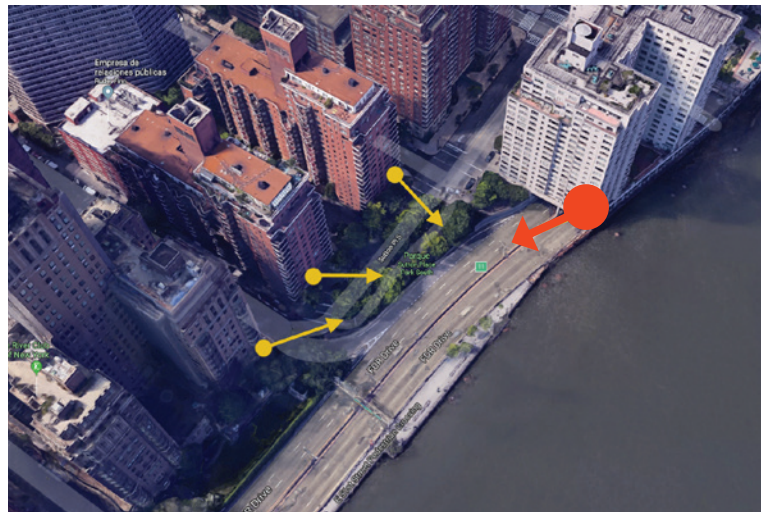
**63RD STREET**  
Span: ~125'  
Height: ~72'

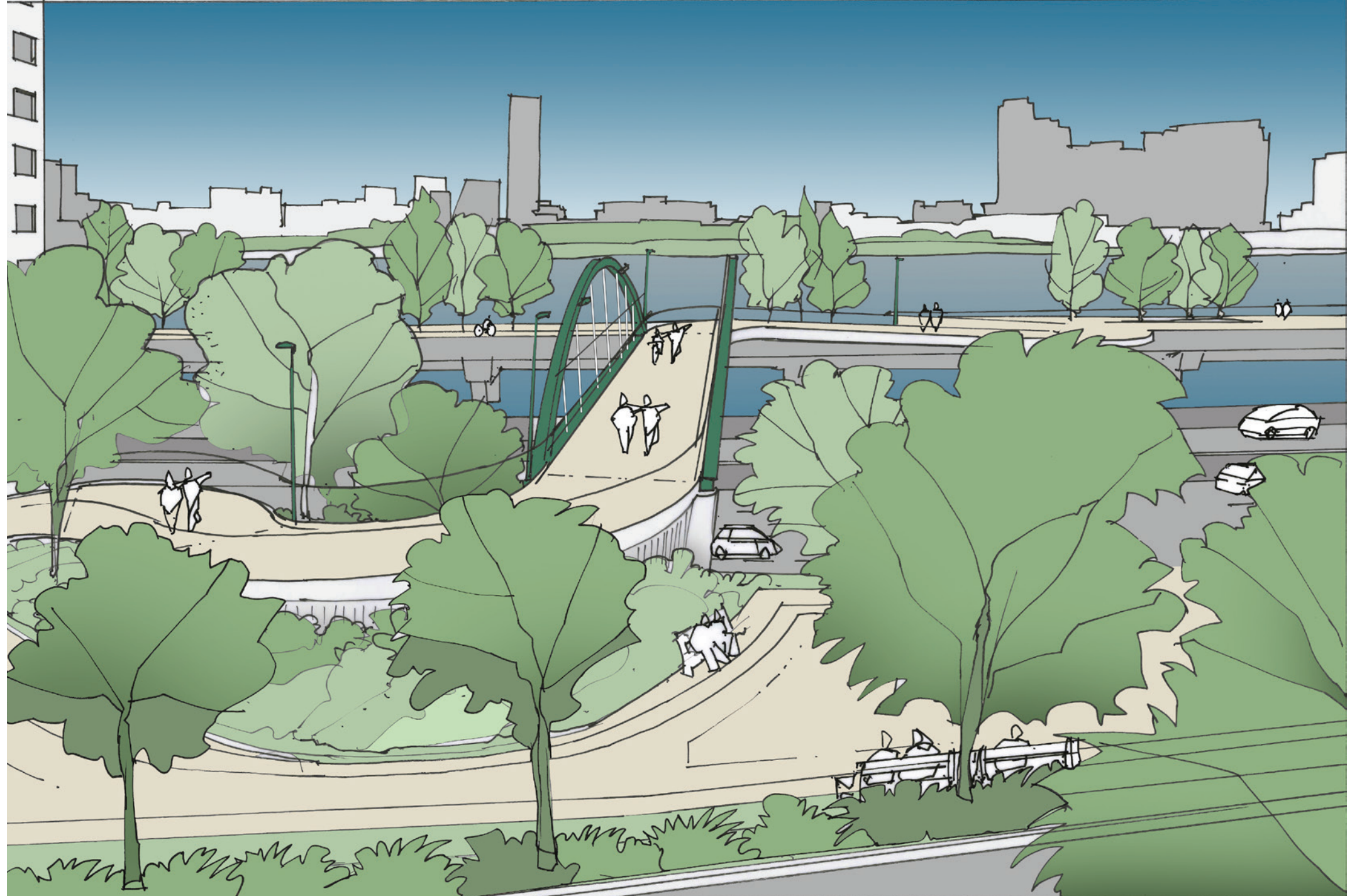
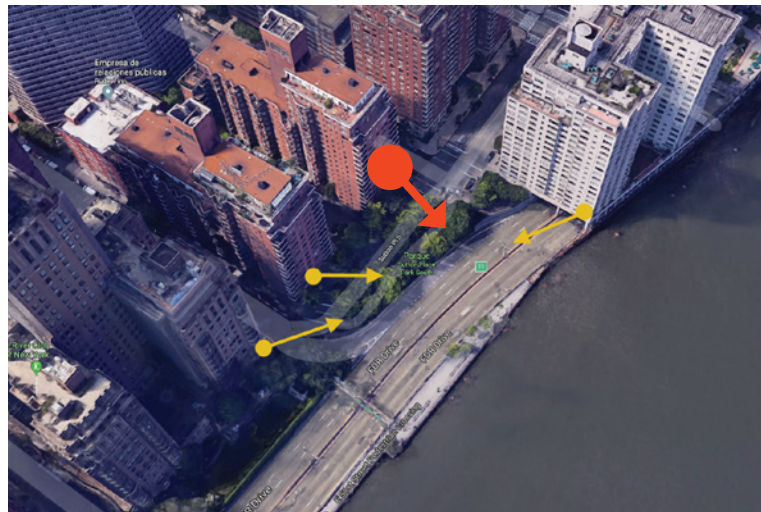


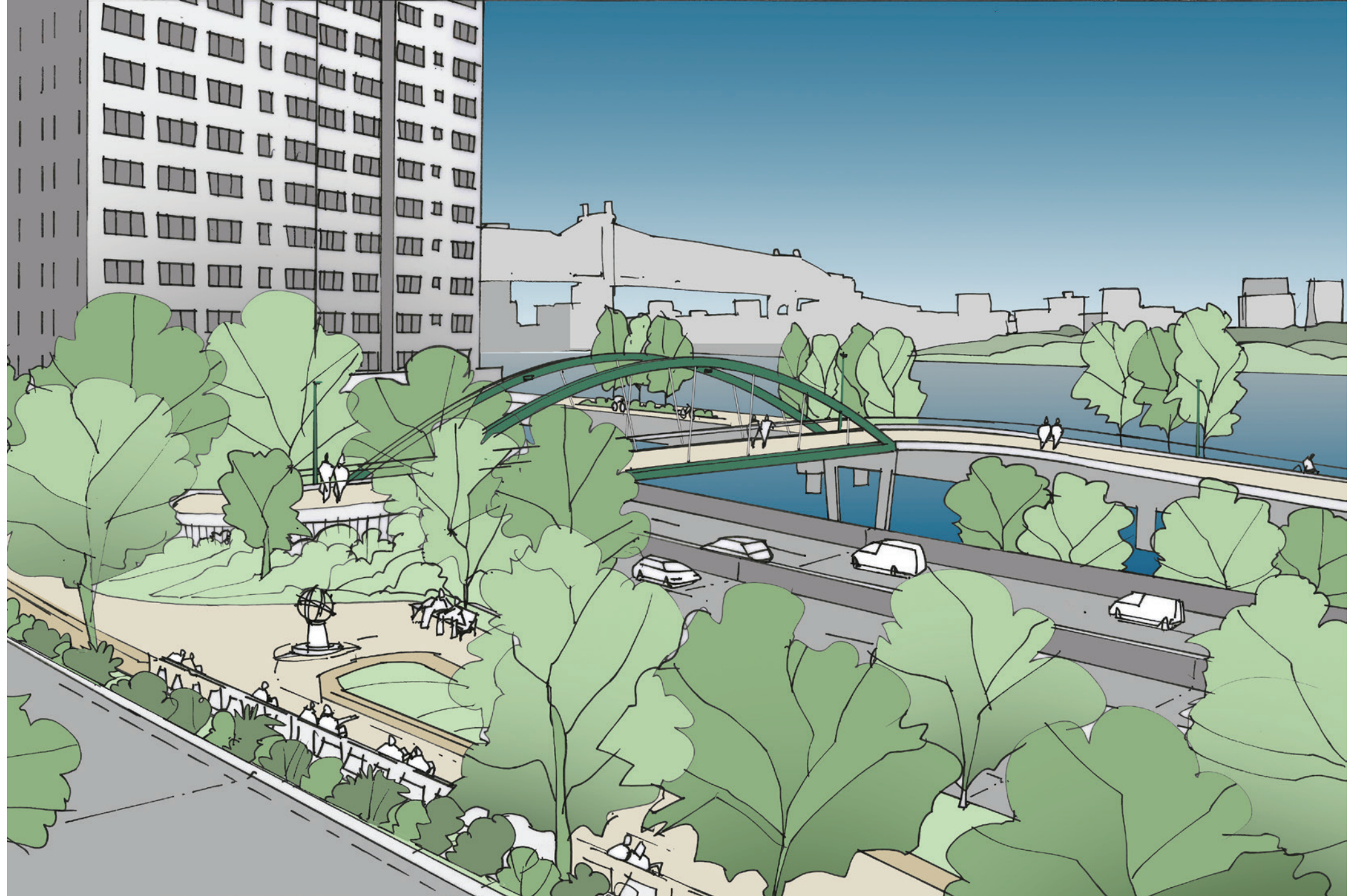
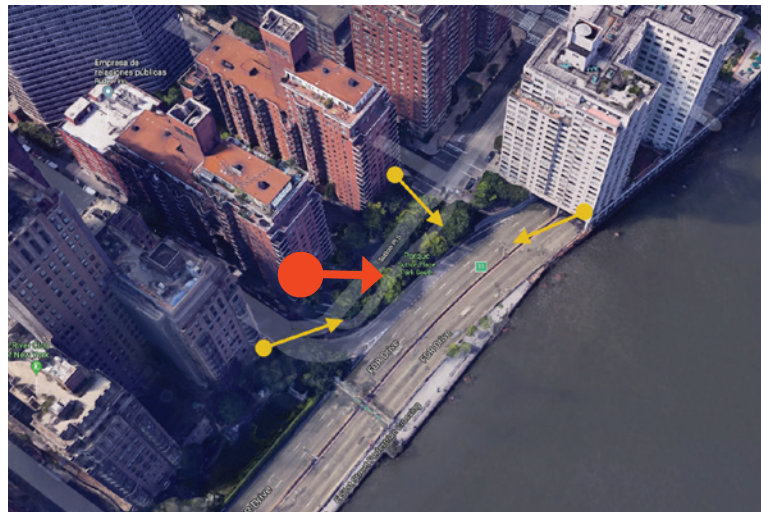
**WEST THAMES STREET**  
Span: ~220'  
Height: ~40'



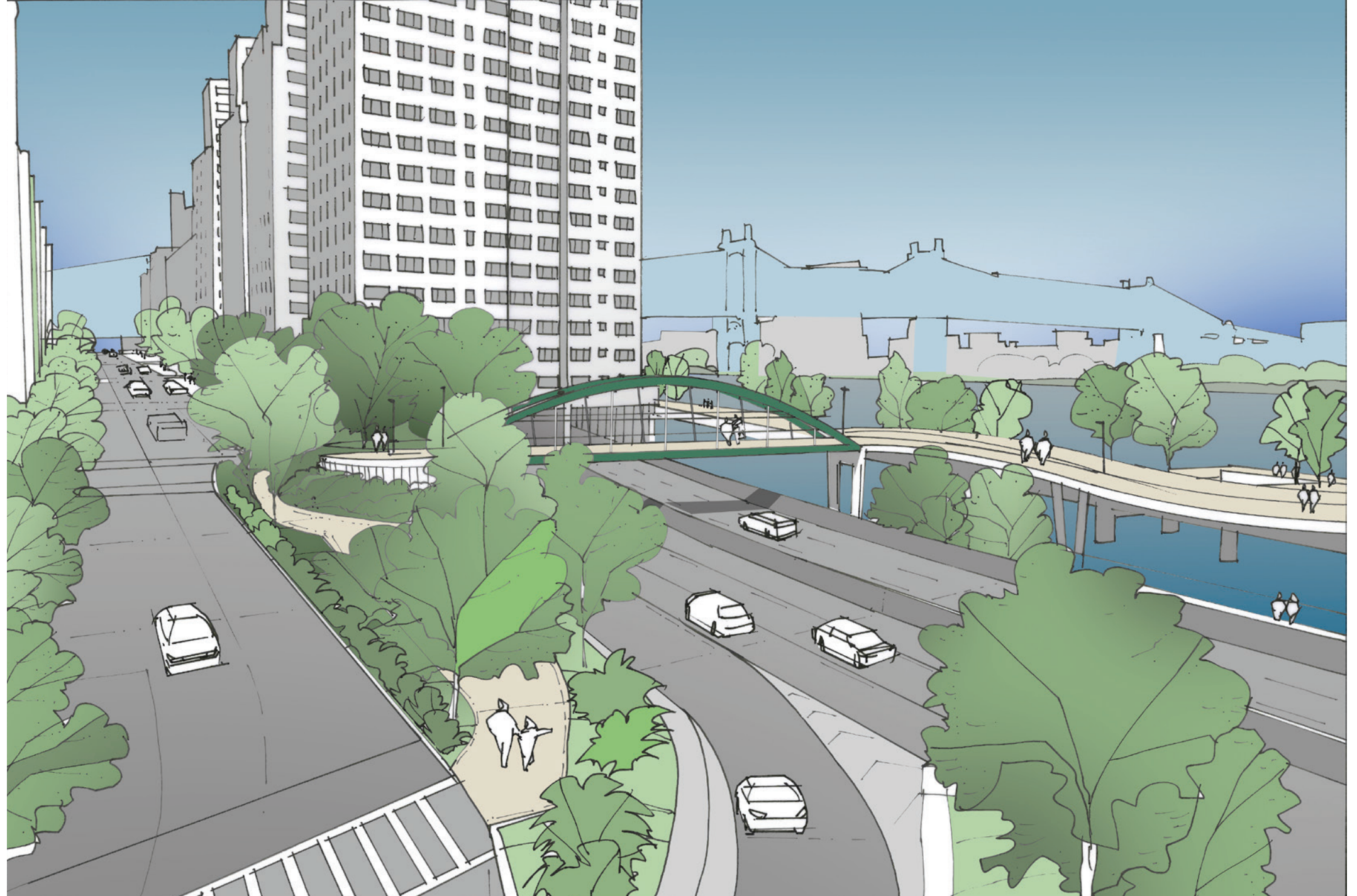
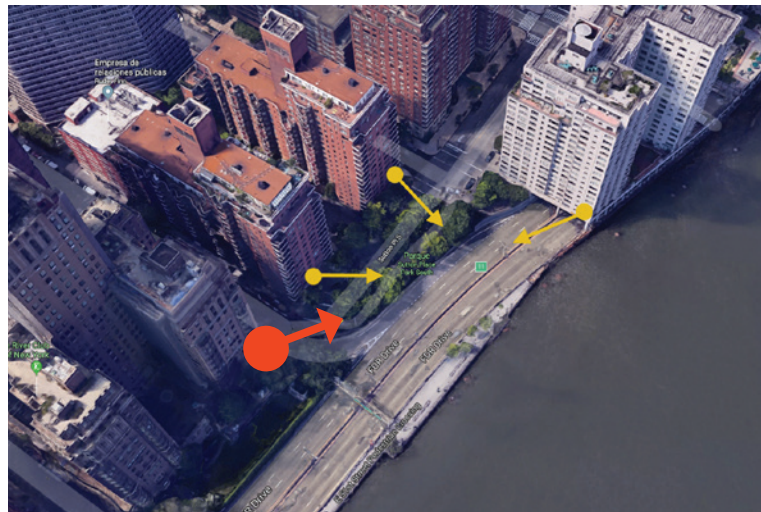


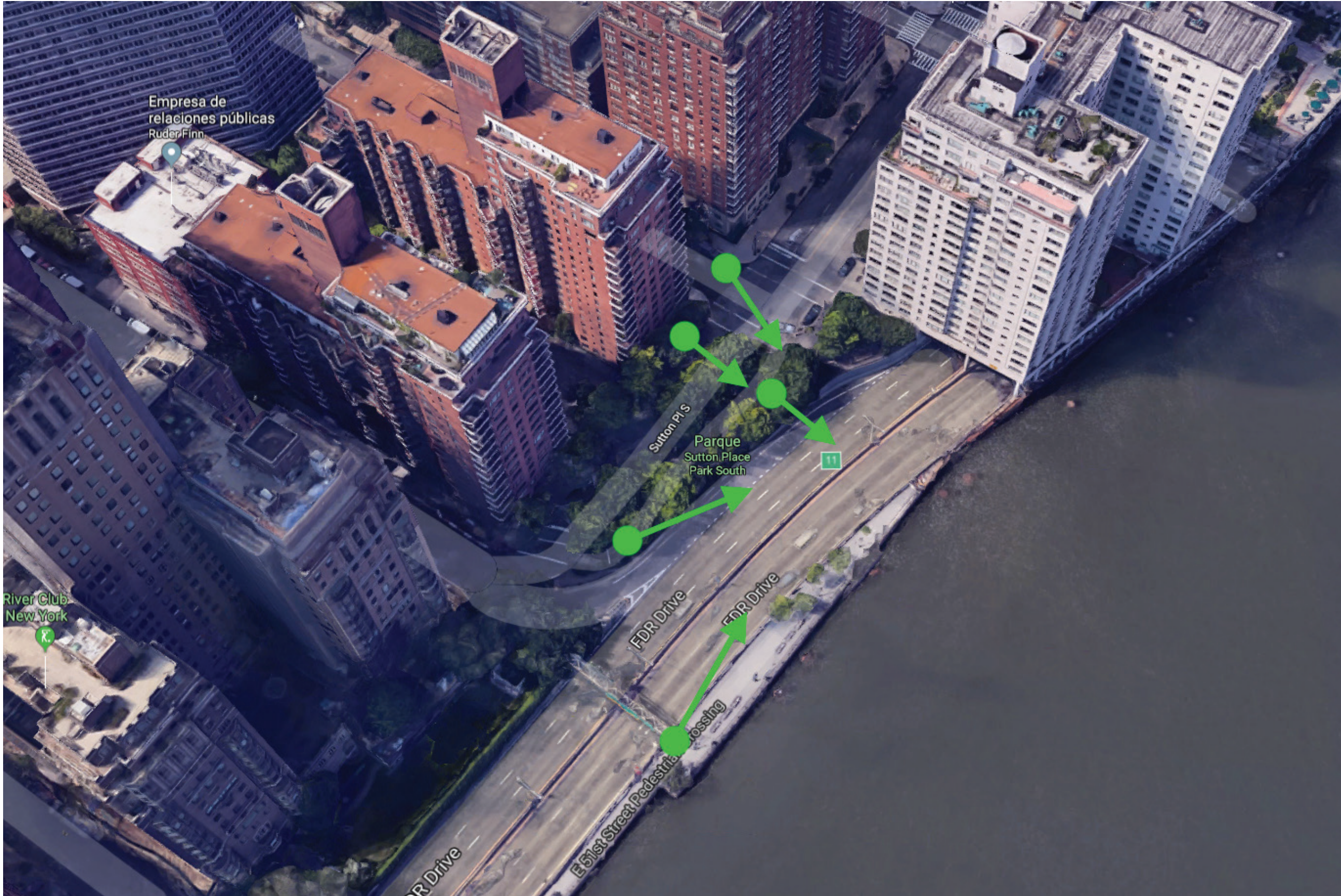












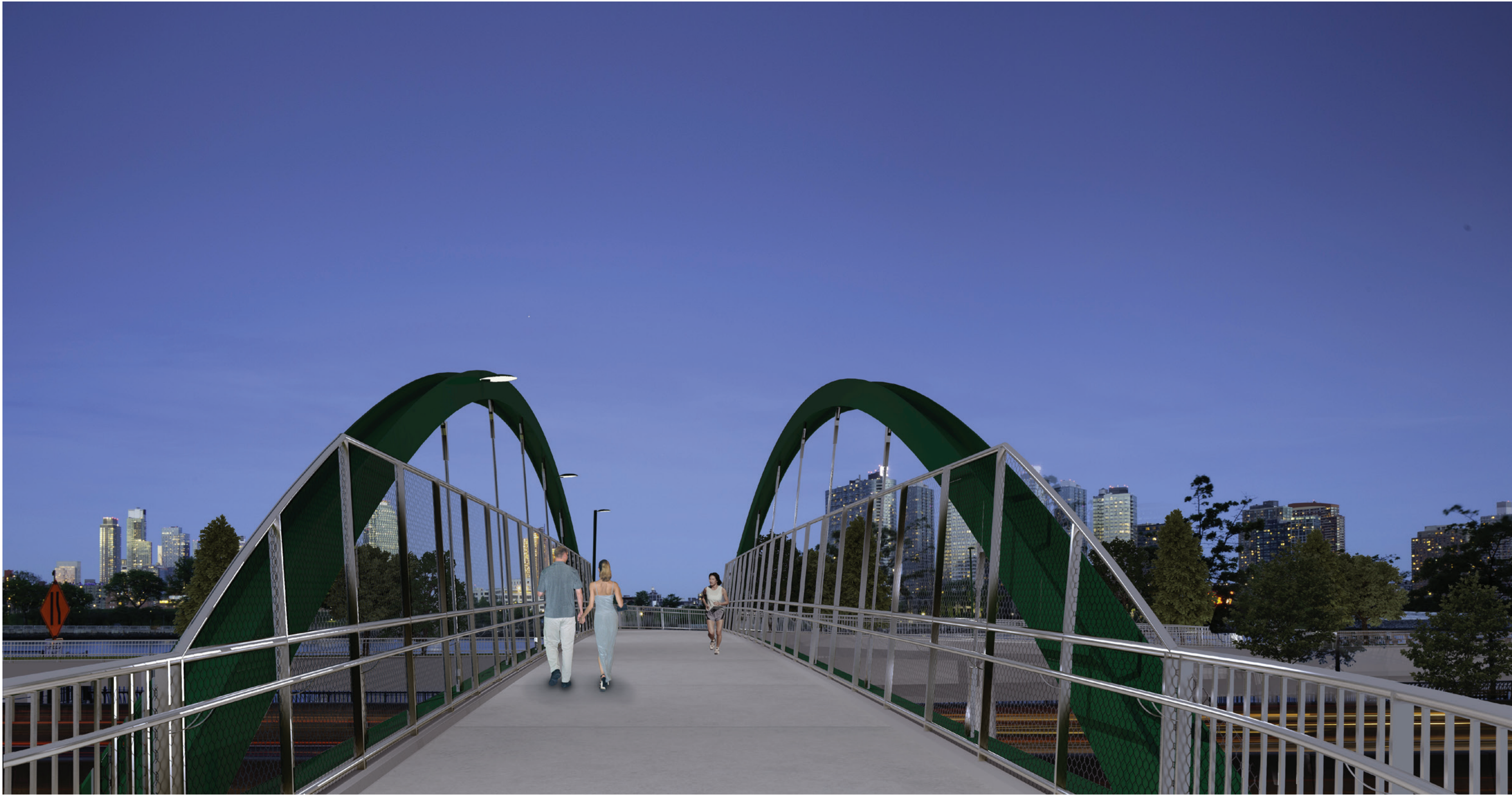






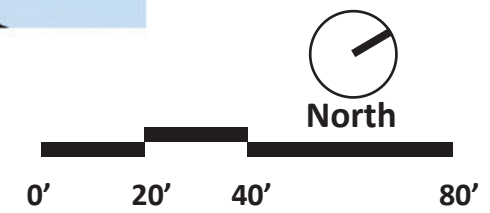
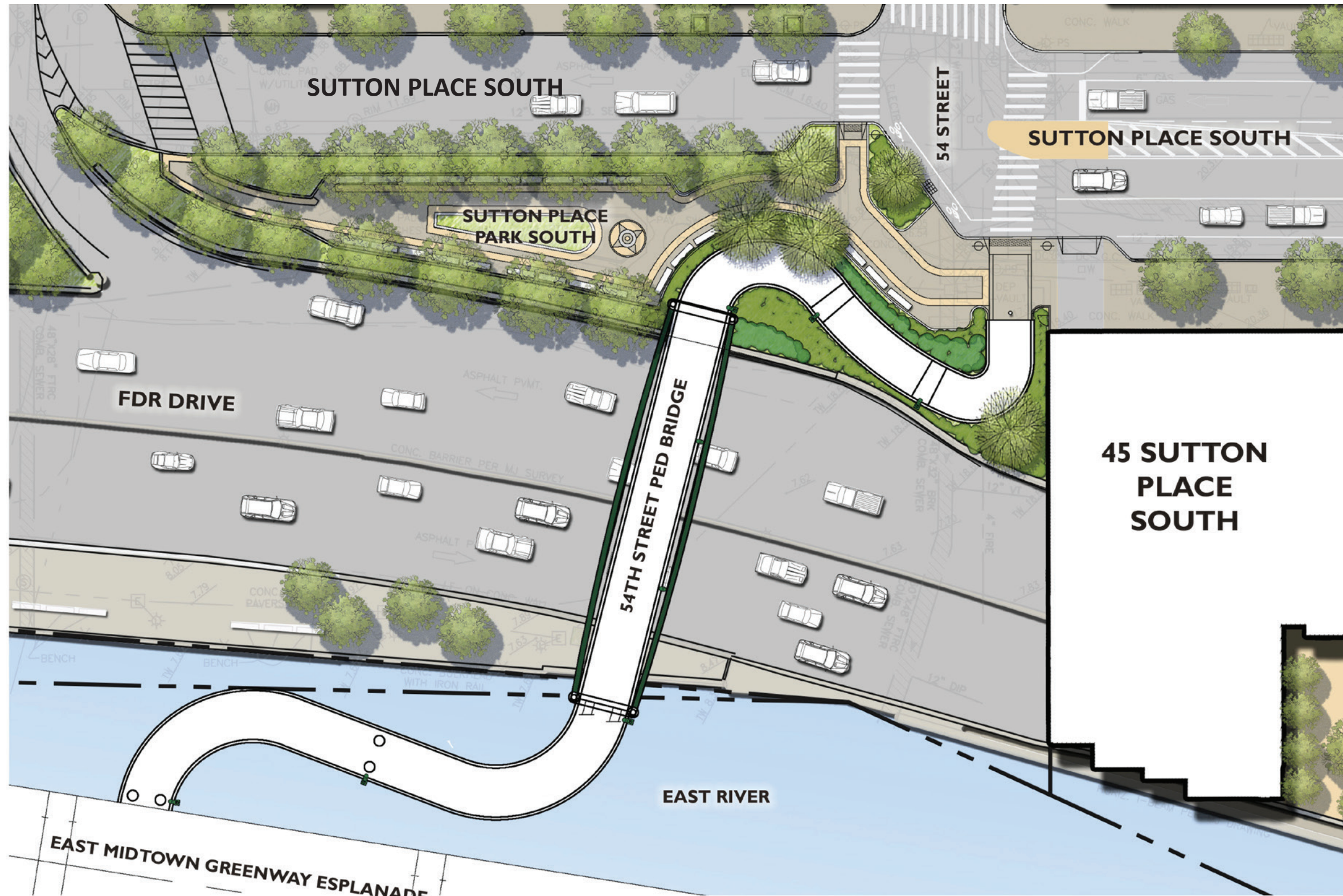












# SUTTON PLACE PARK MATERIALS



**Steel Fence, 3' typical**  
**Color: Black**



**8" Square Asphalt Block**  
**Color: Red**

# SUTTON PLACE PARK PLANT PALETTE

**TREES**

SPRING	SUMMER	FALL	WINTER
<i>Koelreuteria Paniculata</i> – Golden Rain Tree			
<i>Magnolia Virginiana</i> – Sweetbay Magnolia			
<i>Sophora Japonica</i> – Japanese Scholar Tree			

**GROUNDCOVERS & VINES**

<i>Parthenocissus quinuefolia</i> – Virginia Creeper			
<i>Vinca Minor 'Alba'</i> – Periwinkle, White			
<i>Vinca Minor 'Bowles Variety'</i> – Periwinkle, Deep Blue			

**GRASSES & PERENNIALS**

SPRING	SUMMER	FALL	WINTER
<i>Achillea Ptarmica 'The Pearl'</i> – Double White Yarrow			
<i>Andropogon Scoparius</i> – Little Bluestem			
<i>Hemerocallis 'King of Hearts'</i> – Daylily, Red			
<i>Hemerocallis 'Viette's Cream'</i> – Daylily, Ruffled Cream			
<i>Panicum Virgatum 'Haense Herms'</i> – Red Switch Grass			
<i>Pennisetum Caudatum</i> – White Flowering Fountain Grass			
<i>Pennisetum Orientale</i> – Oriental Fountain Grass			
<i>Sedum 'Autumn Joy'</i> – Stonecrop			

**SHRUBS**

SPRING	SUMMER	FALL	WINTER
<i>Berberis x Gladwynensis</i> – William Penn Barberry			
<i>Buddleia Davidii 'Nanho Blue'</i> – Butterfly Bush			
<i>Cotoneaster horizontalis</i> – Rockspray Cotoneaster			
<i>Forsythia intermedia</i> – Showy Border Forsythia			
<i>Ilex Crenata 'Hoogendorn'</i> – Dwarf Japanese Holly			
<i>Rosa 'Radrazz'</i> – Knockout Rose			
<i>Spiraea x bumalda</i> – Spirea			
<i>Taxus Baccata 'Repandens'</i> – English Weeping Yew			
<i>Viburnum Trilobum</i> – American Cranberrybush Viburnum			

<u>Task</u>	<u>Date</u>
Invitation to Artists	December 8, 2017
Artist Submissions Due	January 12, 2018
Public Art Meeting #1 (Preliminary Selection)	January 30, 2018
Artist Orientation	February 8, 2018
Artist Charrette	February 26 and 27
Public Art Meeting #2 (Artist Presentation and Interviews)	February 28, 2018
Conceptual Design	Spring 2018
<b>Preliminary Design</b>	<b>Summer 2018</b>
Final Design*	Fall 2018 / Winter 2019
EMG Construction Start	2019
EMG Construction Completion	2022



**\*Review with CB6 and CB8**

**Project Website:**

**[www.nycedc.com/project/east-midtown-waterfront](http://www.nycedc.com/project/east-midtown-waterfront)**

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