



East Midtown Greenway

53RD TO 61ST STREET

Community Meeting - Preliminary Design

June 27, 2018

NYCEDC



NYC Parks



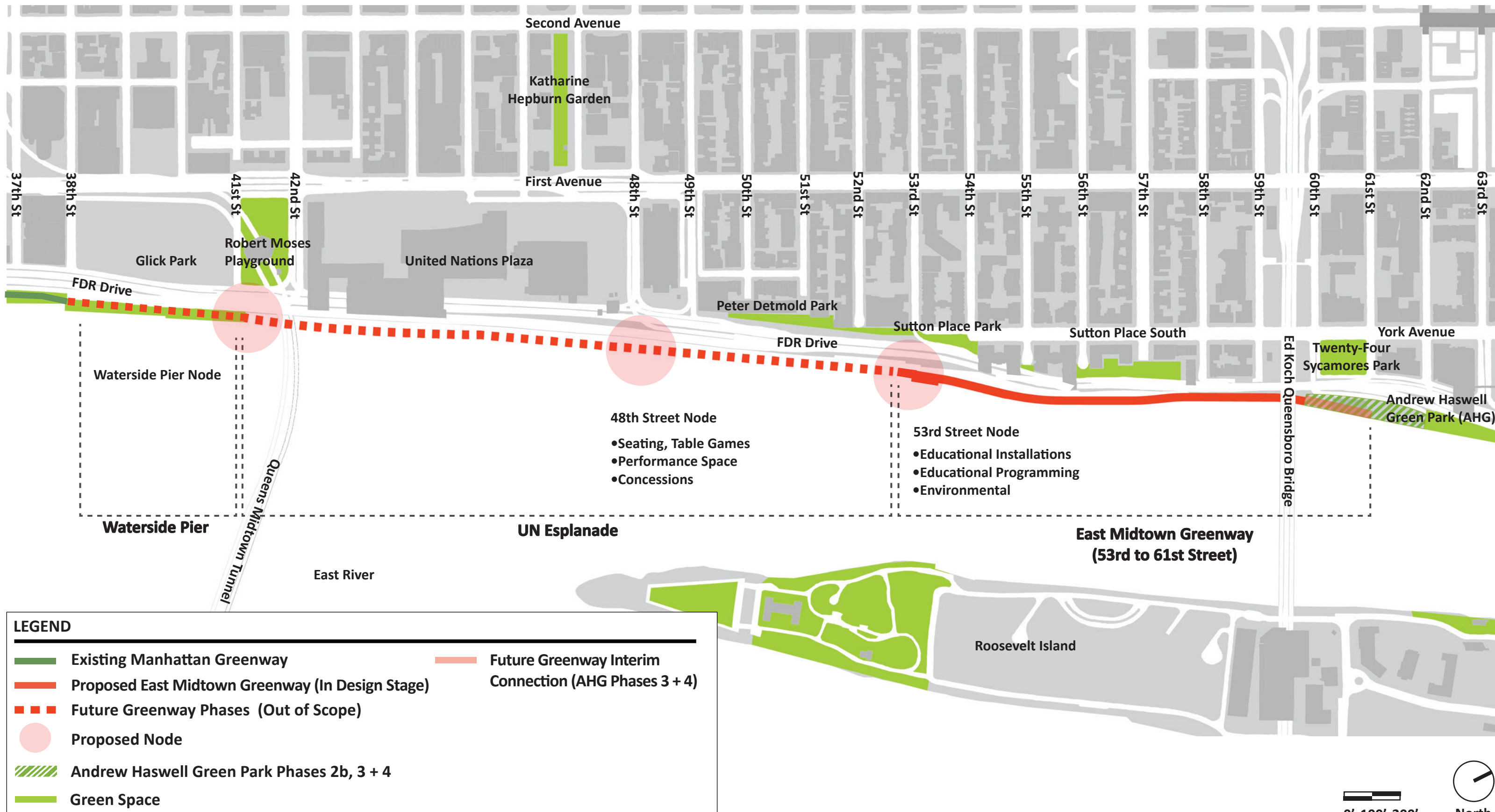


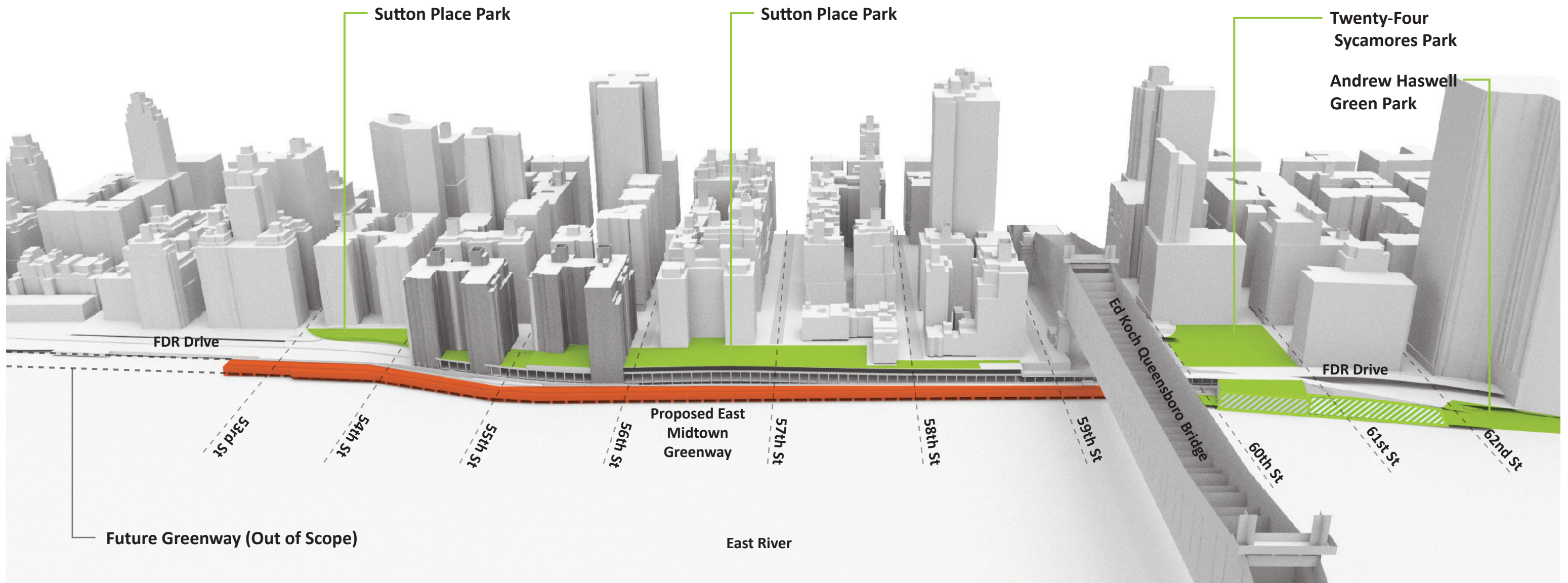
Scale: NTS  North

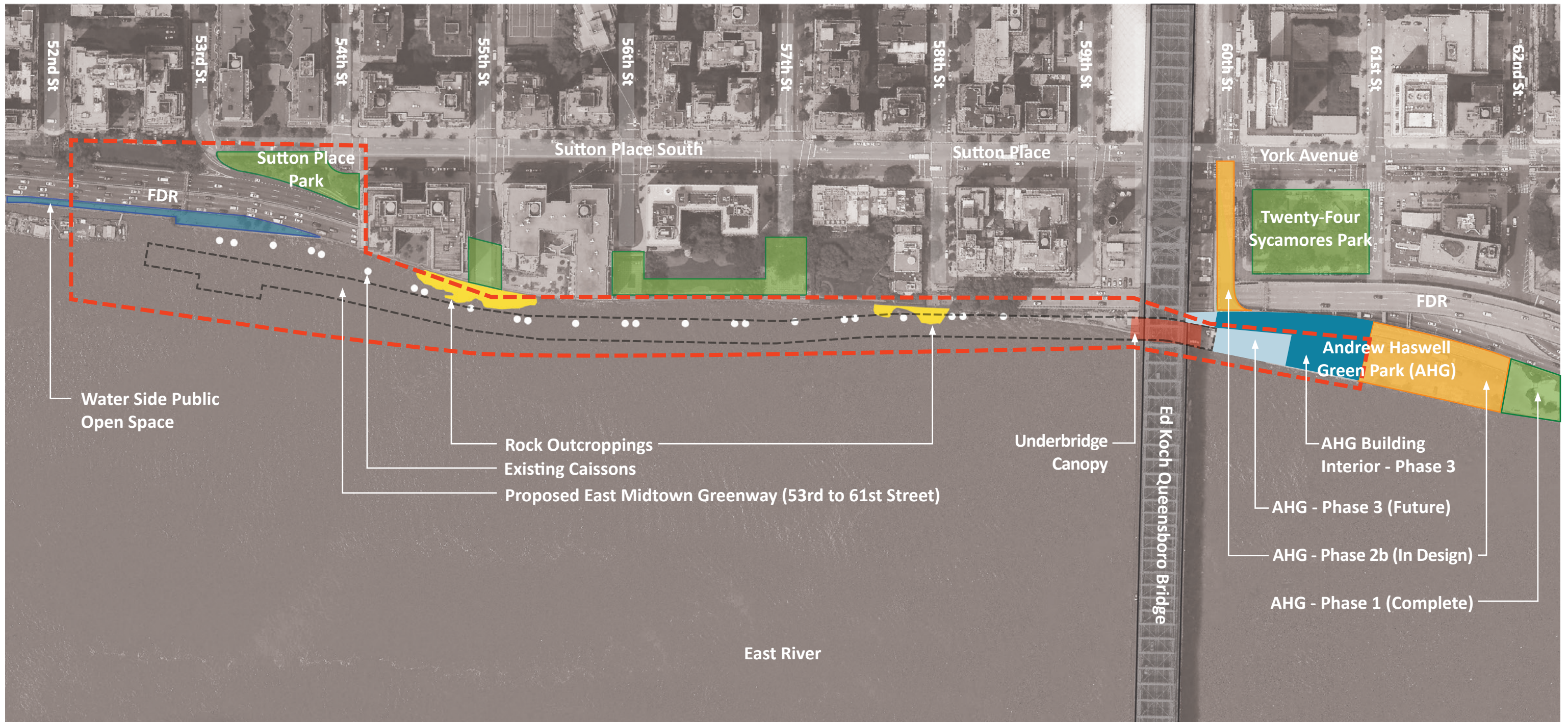


 0' 400' 800'  North

- 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)







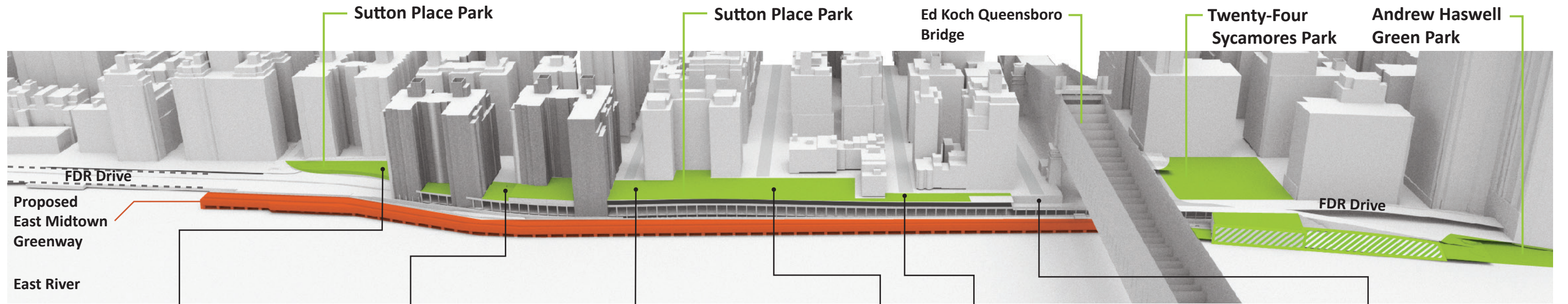
LEGEND

--- Scope of Work



North





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



56th Street (Greenway below)



58th Street (Greenway below)



55th Street (Greenway below)



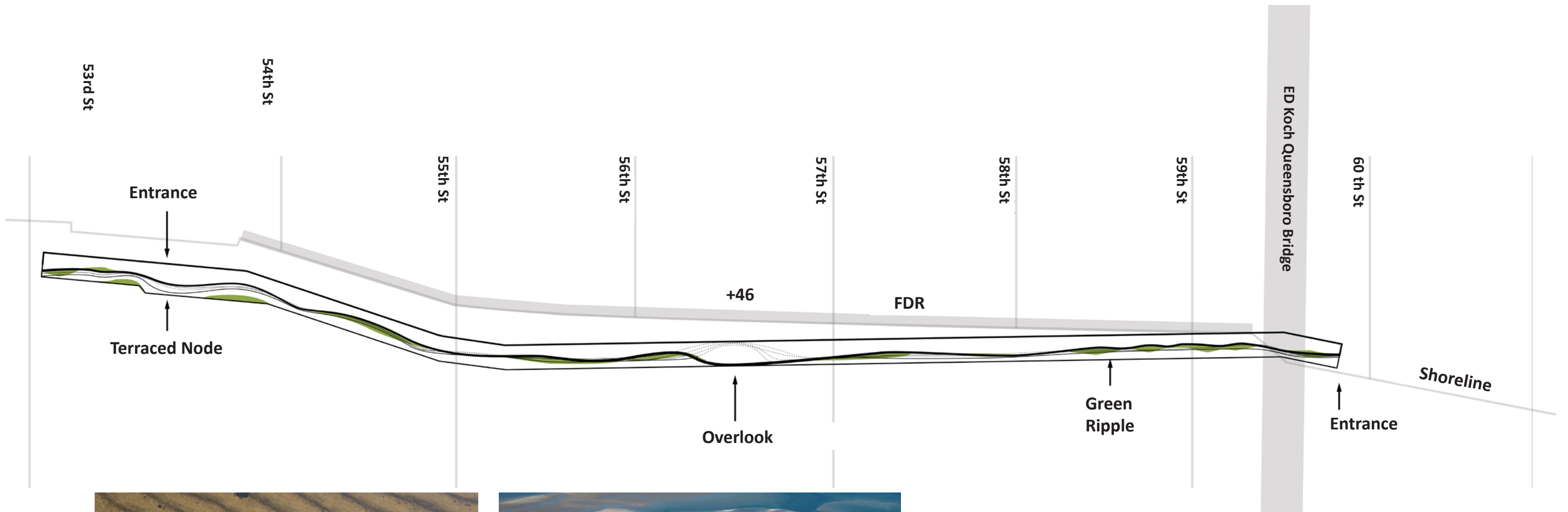
57th Street (Greenway below)

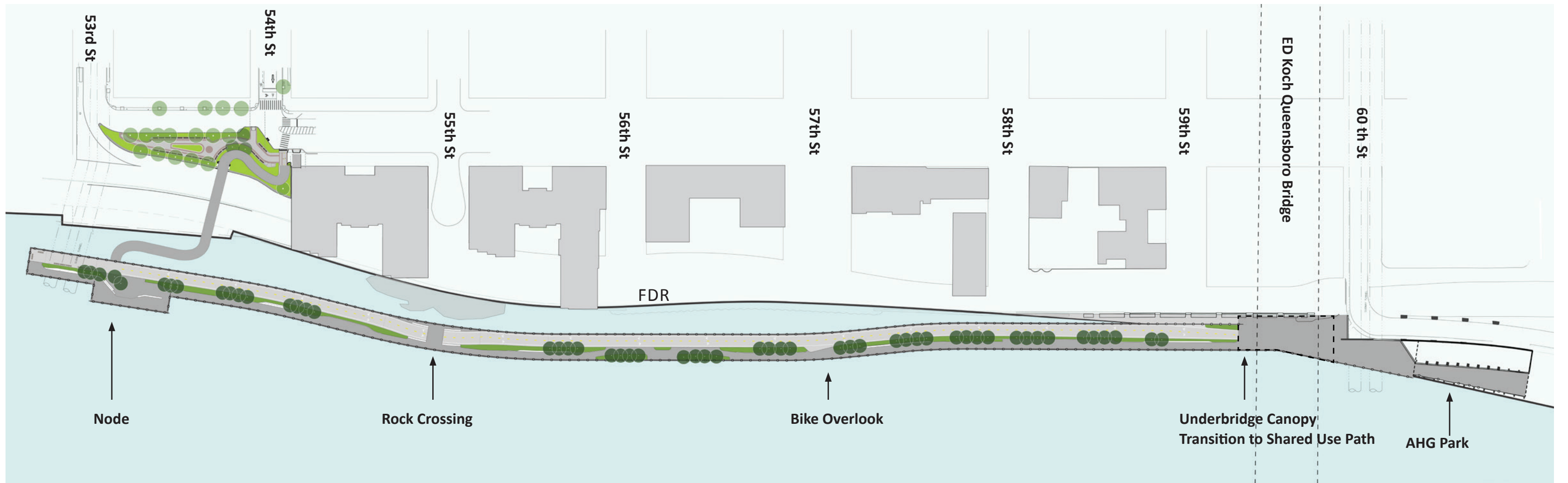


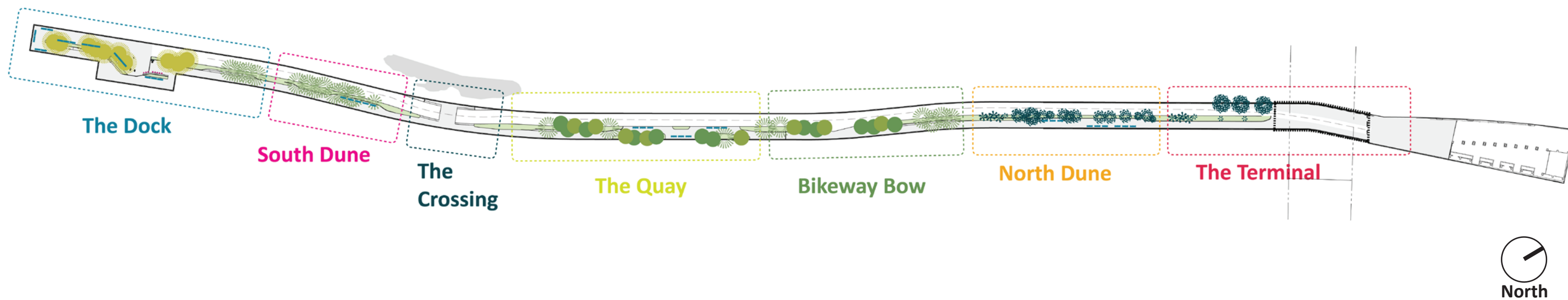
59th Street (Greenway below)

DESIGN VALUES

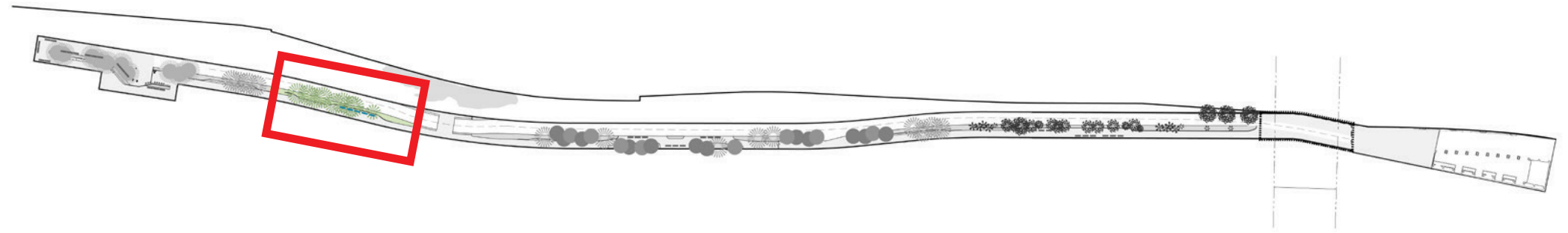
- 1. Create a Continuous Greenway
Around Manhattan**
- 2. Enjoy Different Kinds of Spaces**
- 3. Balance Connectivity +
Pedestrian & Cyclist Separation**
- 4. Ensure a Thriving Landscape**
- 5. Provide Seasonal Comfort**
- 6. Shield Noise and the FDR Views**
- 7. Make the Esplanade Profile Beautiful**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



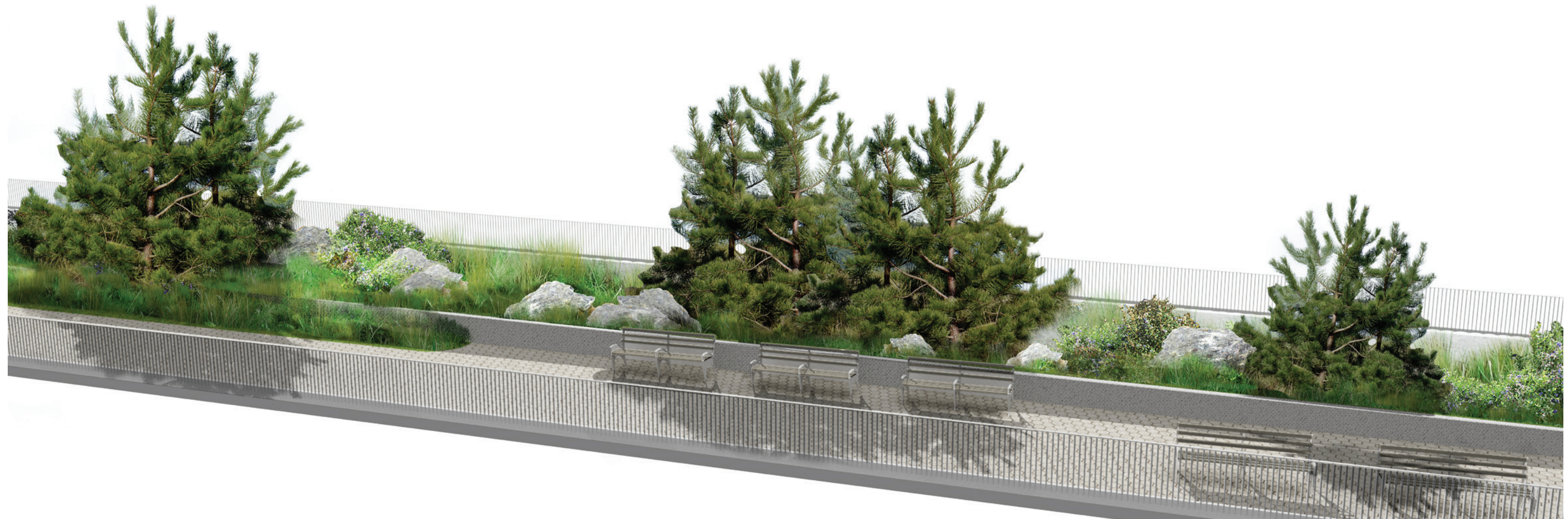
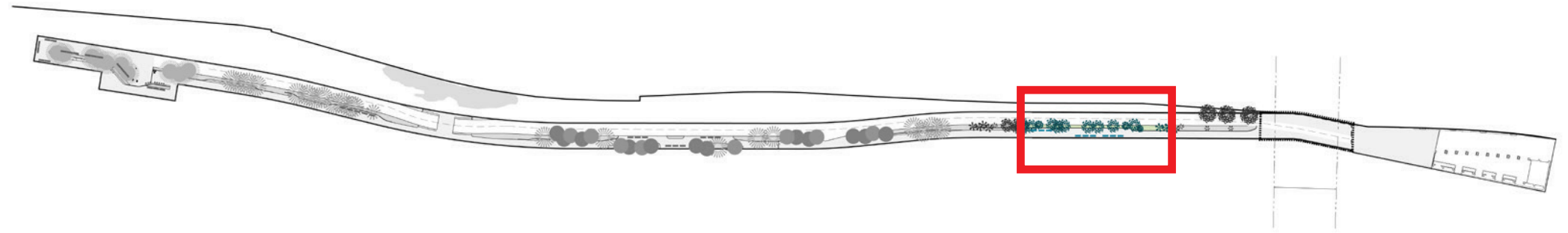


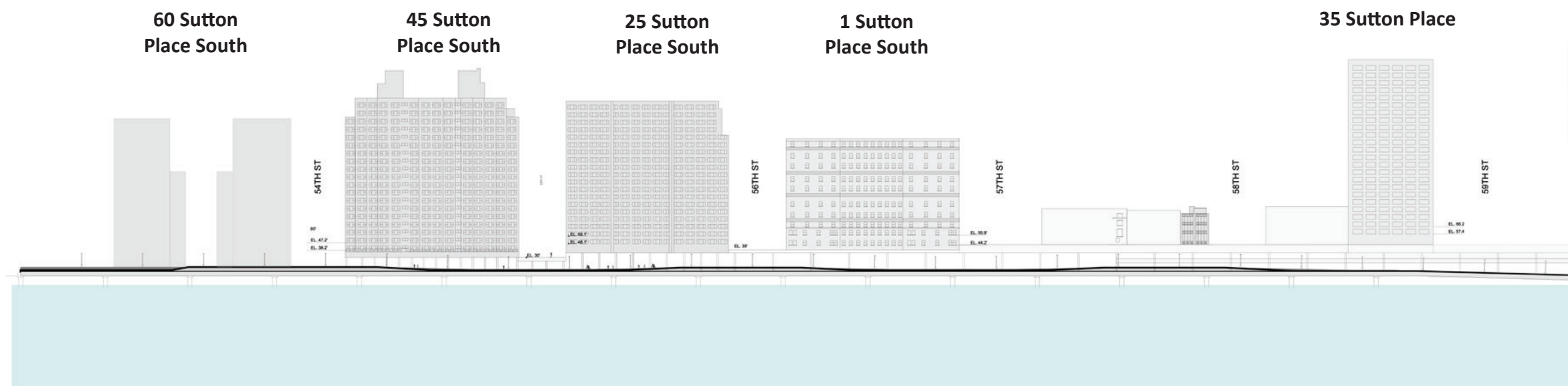


THE SOUTH DUNE



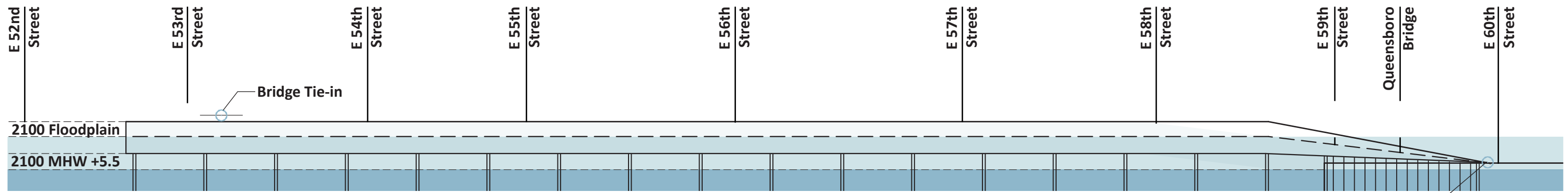
THE NORTH DUNE





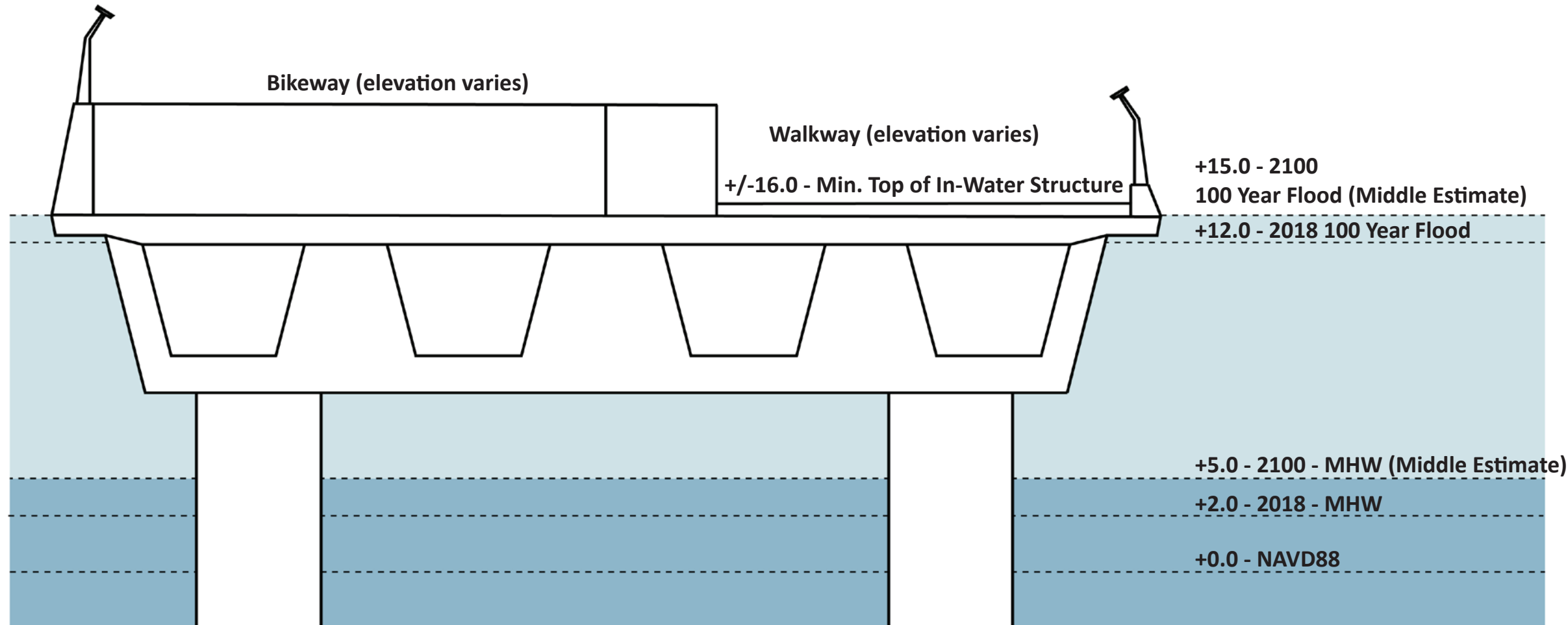


"Merge Points" No separation between bikes and pedestrians Accessible connection	Amenities:	QTY
	Drinking Fountain	2
	Bike Racks	4 (12 spots)
	Trash Receptacles	2 sets of 2
	Life Ring Cabinets	2
	Street Orientation Signs	8



Profile
Scale: NTS

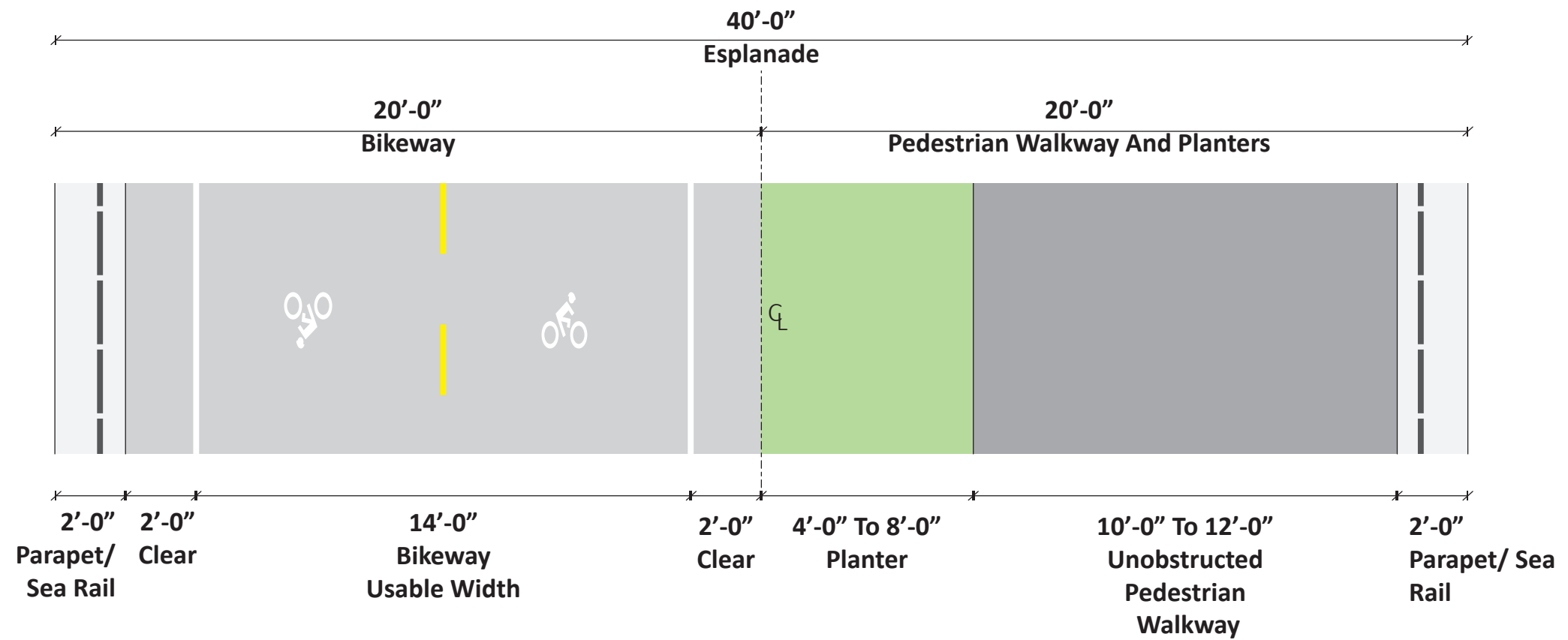
Andrew Haswell
Green Platform Tie-in



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

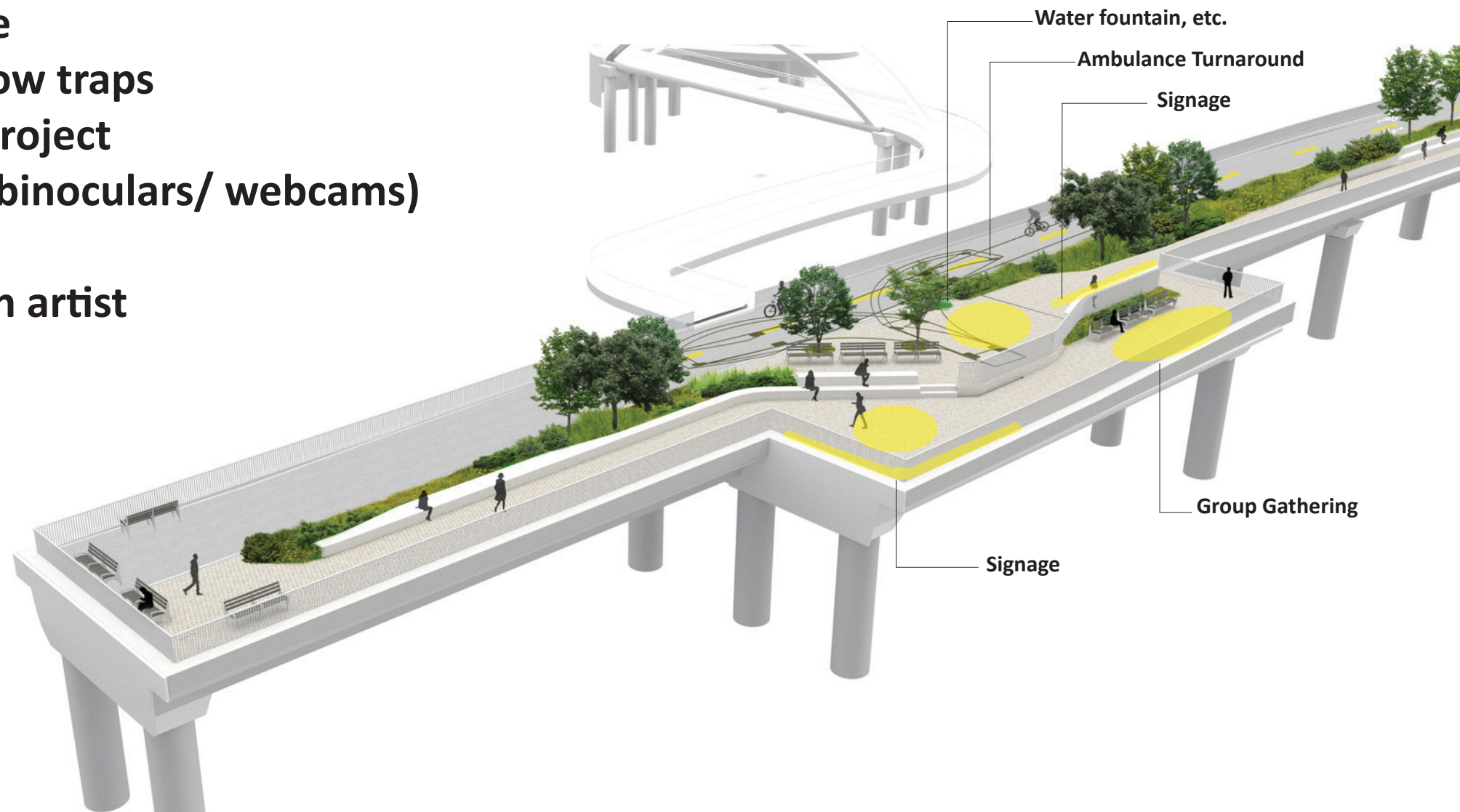
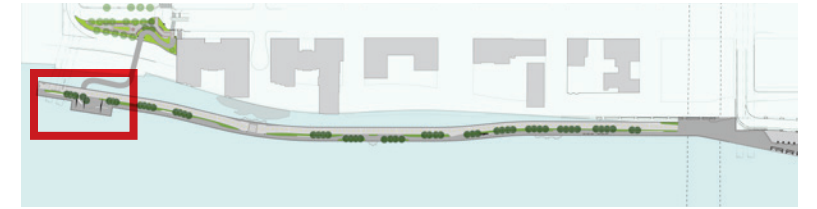
Section
Scale: NTS

GREENWAY CRITERIA

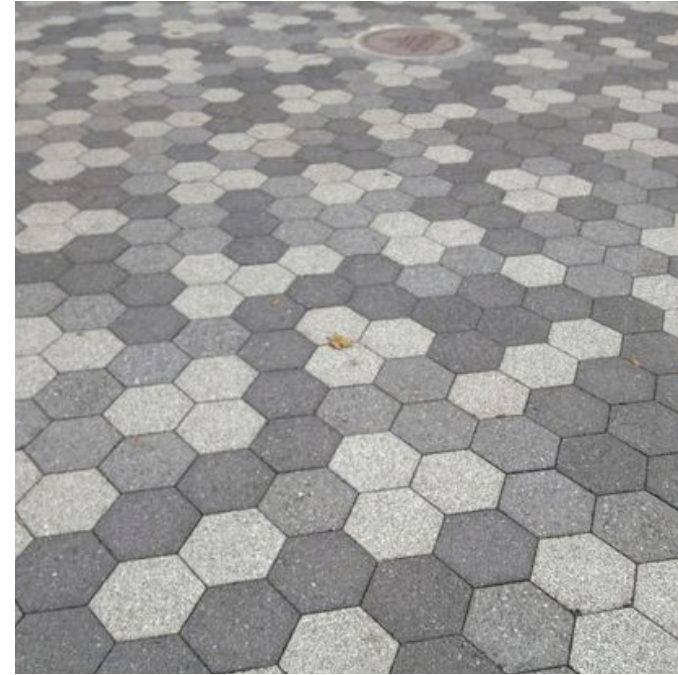


NODE DESIGN: EDUCATIONAL OPPORTUNITIES

- 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



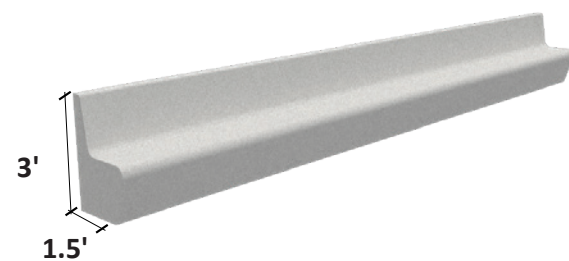
Waste / Recycle Receptacles
Color: Silver bins with Blue/Green/Black lids



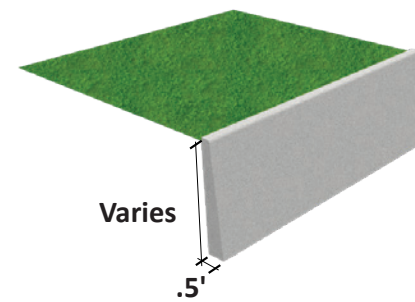
Hi-Lo Bottle Filler
Manufacturer: Most Dependable Fountains
Color: Chrome



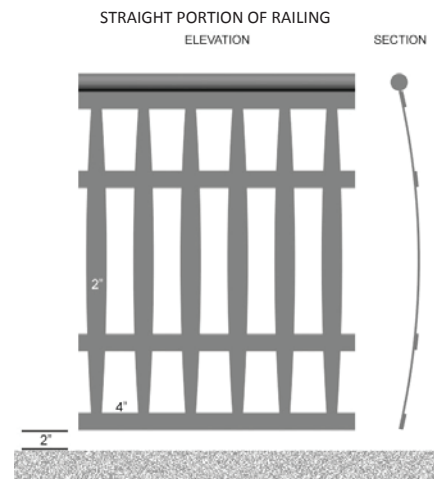
Maintenance Box,
Manufacturer: KNAACK
Color: Powdercoat Finish



Concrete Seatwall



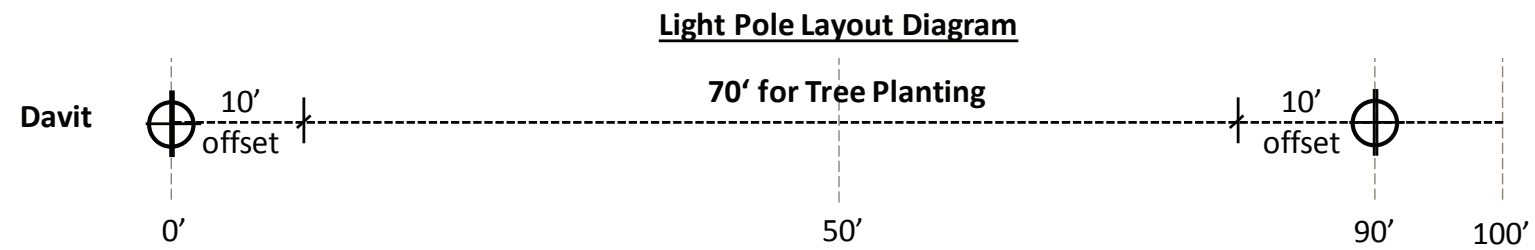
Concrete Planter Edge



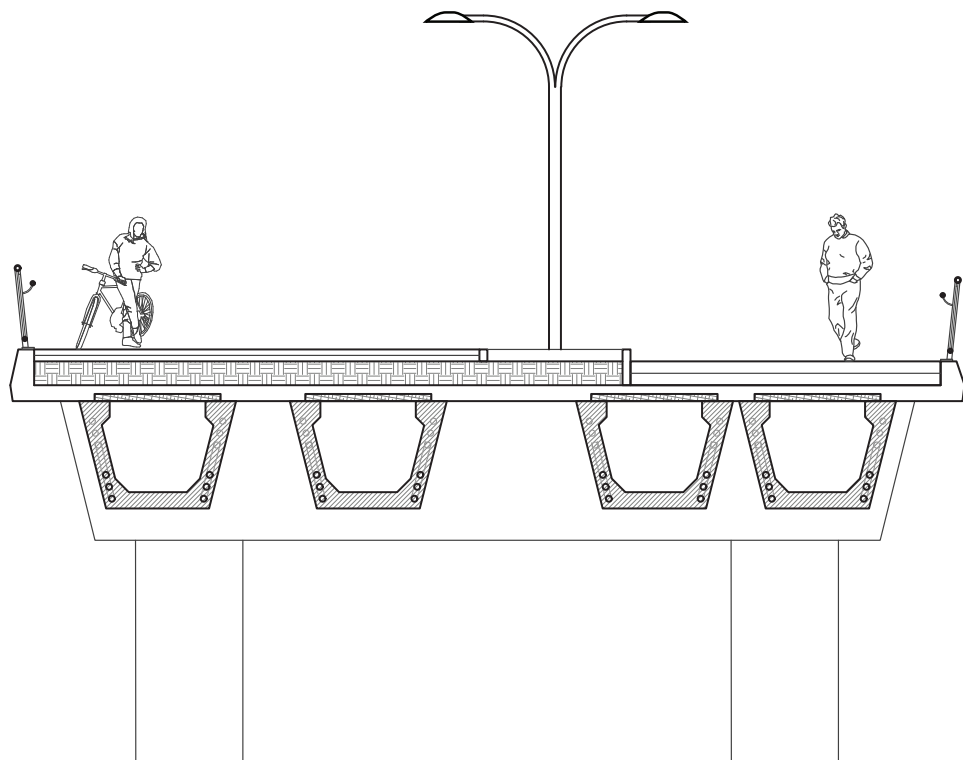
Sea Rail
Material: Hot-sprayed galvanized steel with tnemec paint



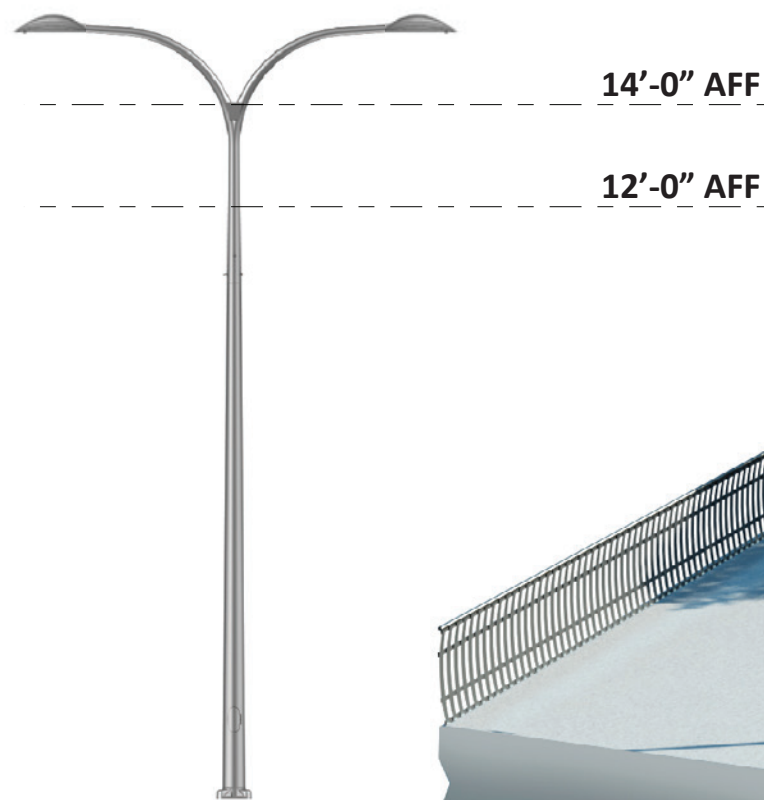
Chipman Bar Stool, Surface Mounted
Manufacturer: Landscape Forms
Material: Aluminum
Color: Silver Powercoat



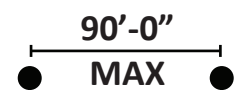
LUMINARE (CAPELLA)



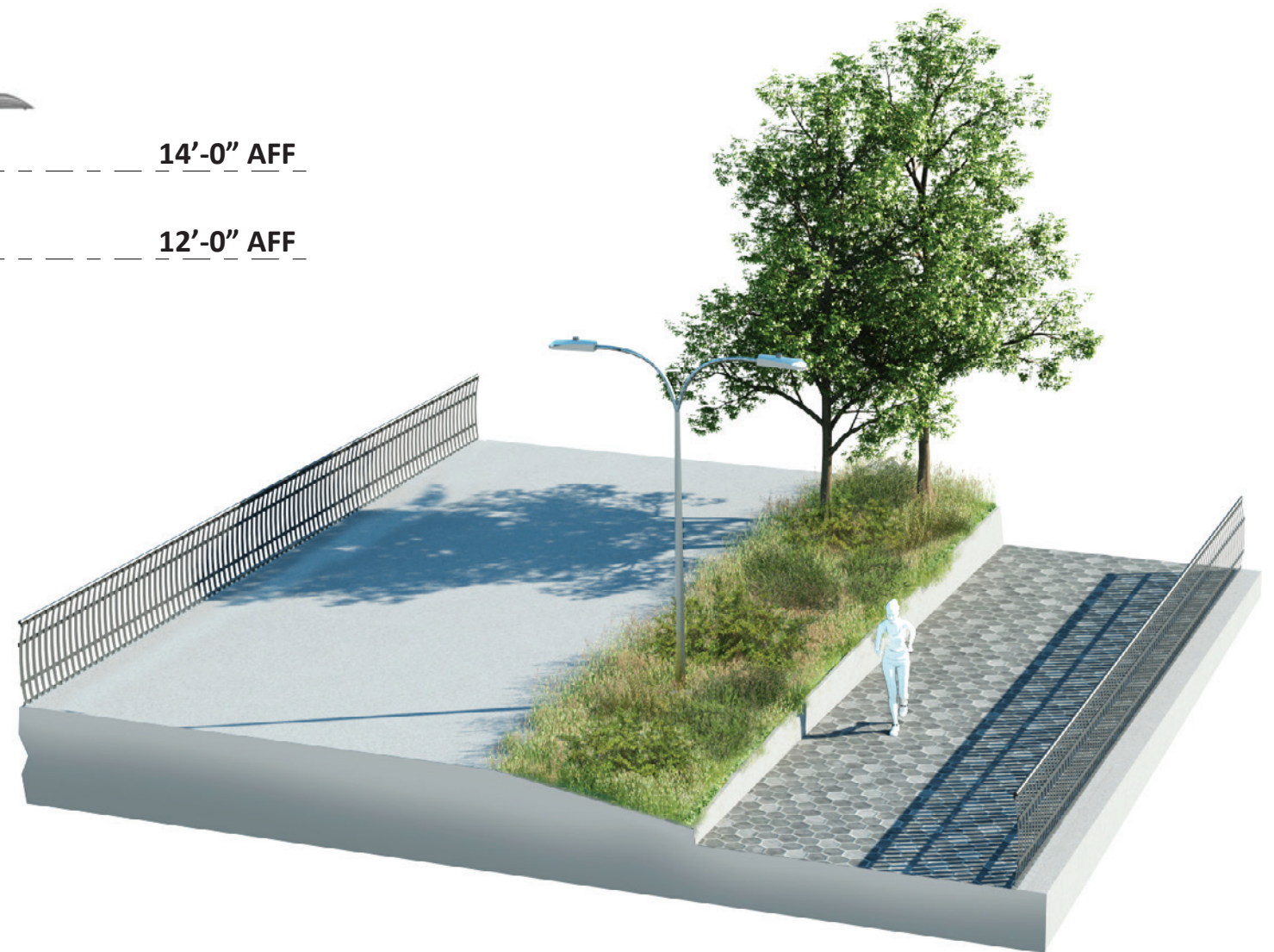
POLE (DAVIT)



DAVIT (TWIN)



LIGHT POLE SPACING

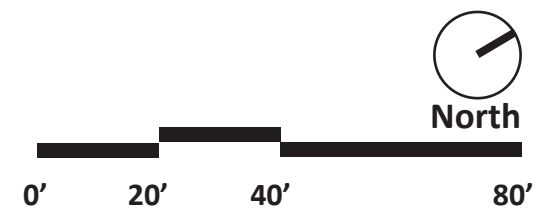
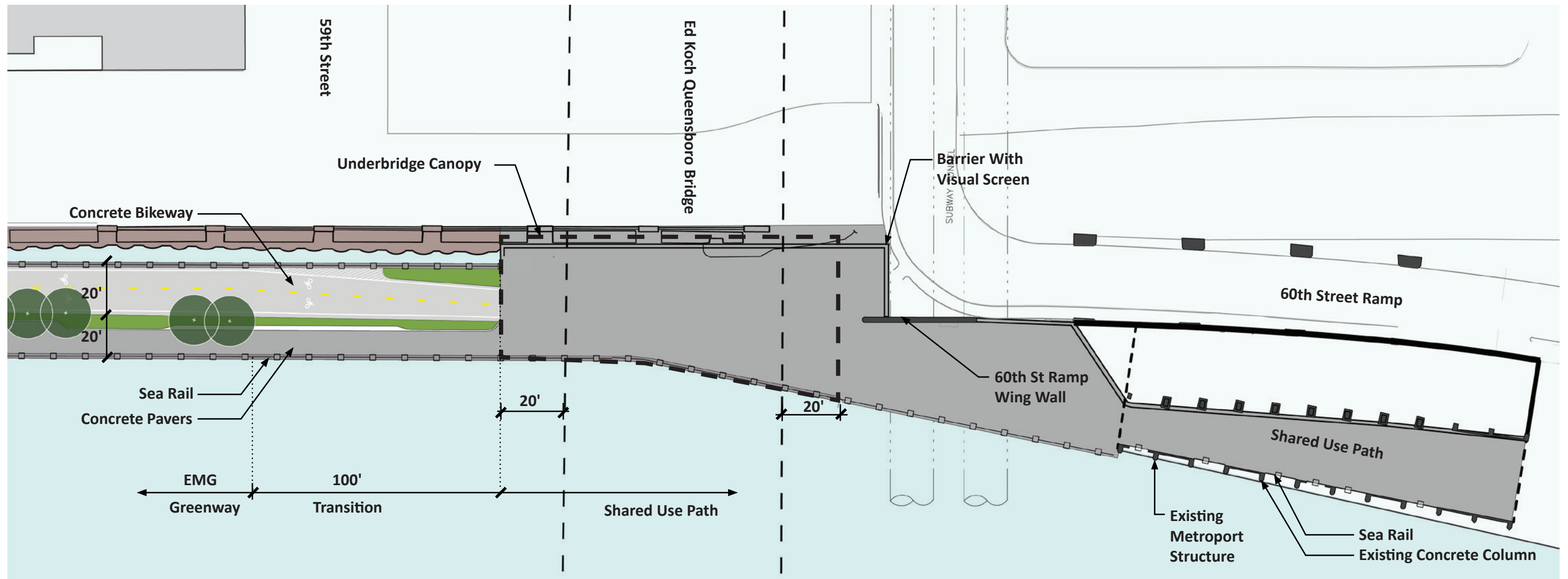


TOPSIDE PLANT PALETTE

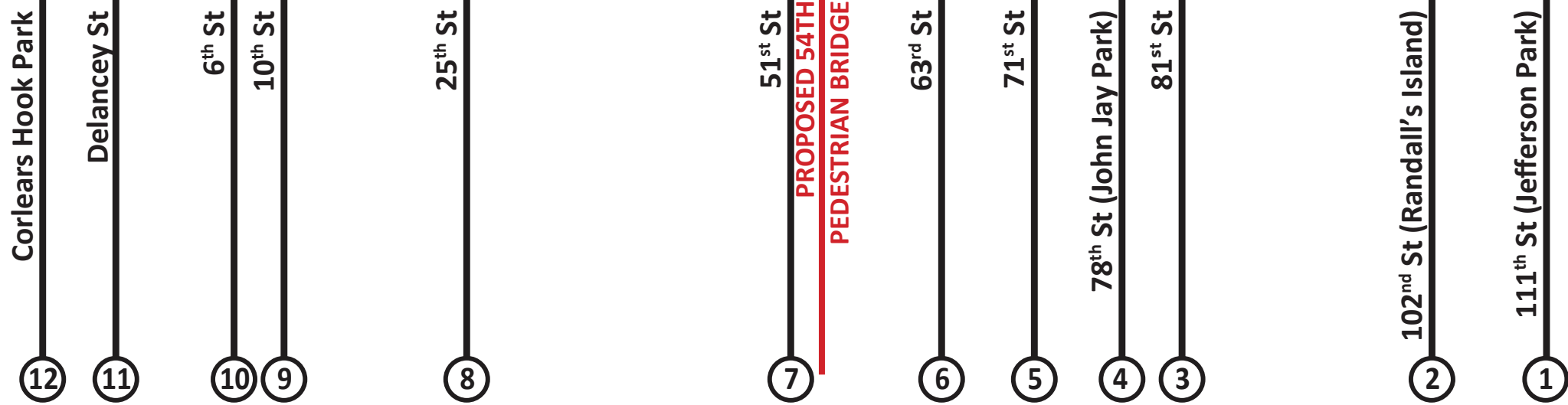
	SPRING	SUMMER	FALL	WINTER
TREES				
	<i>Betula populifolia</i> – Grey Birch			
	<i>Gleditsia triacanthos var. inermis</i> – Thornless Honeylocust			
<i>Nyssa sylvatica</i> – Black Gum				
<i>Pinus rigida</i> – Pitch Pine				
<i>Juniperus virginiana</i> – Eastern Red Cedar				

	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





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



5. Pedestrian Bridge at 71st Street



9. Pedestrian Bridge at 10th Street



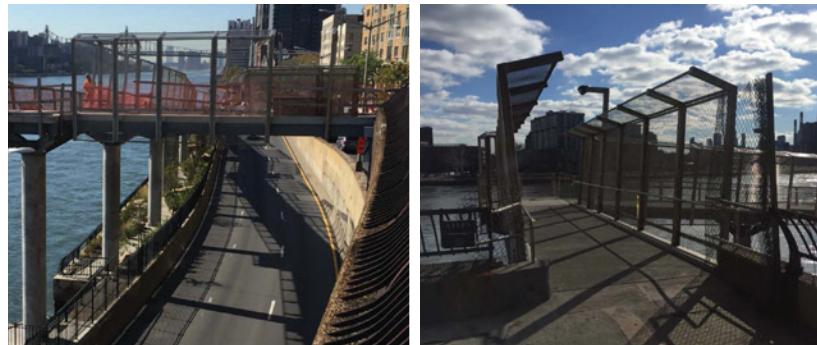
2. Pedestrian Bridge at 102nd Street (Randall's Island)



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

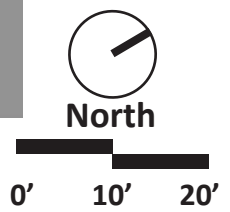
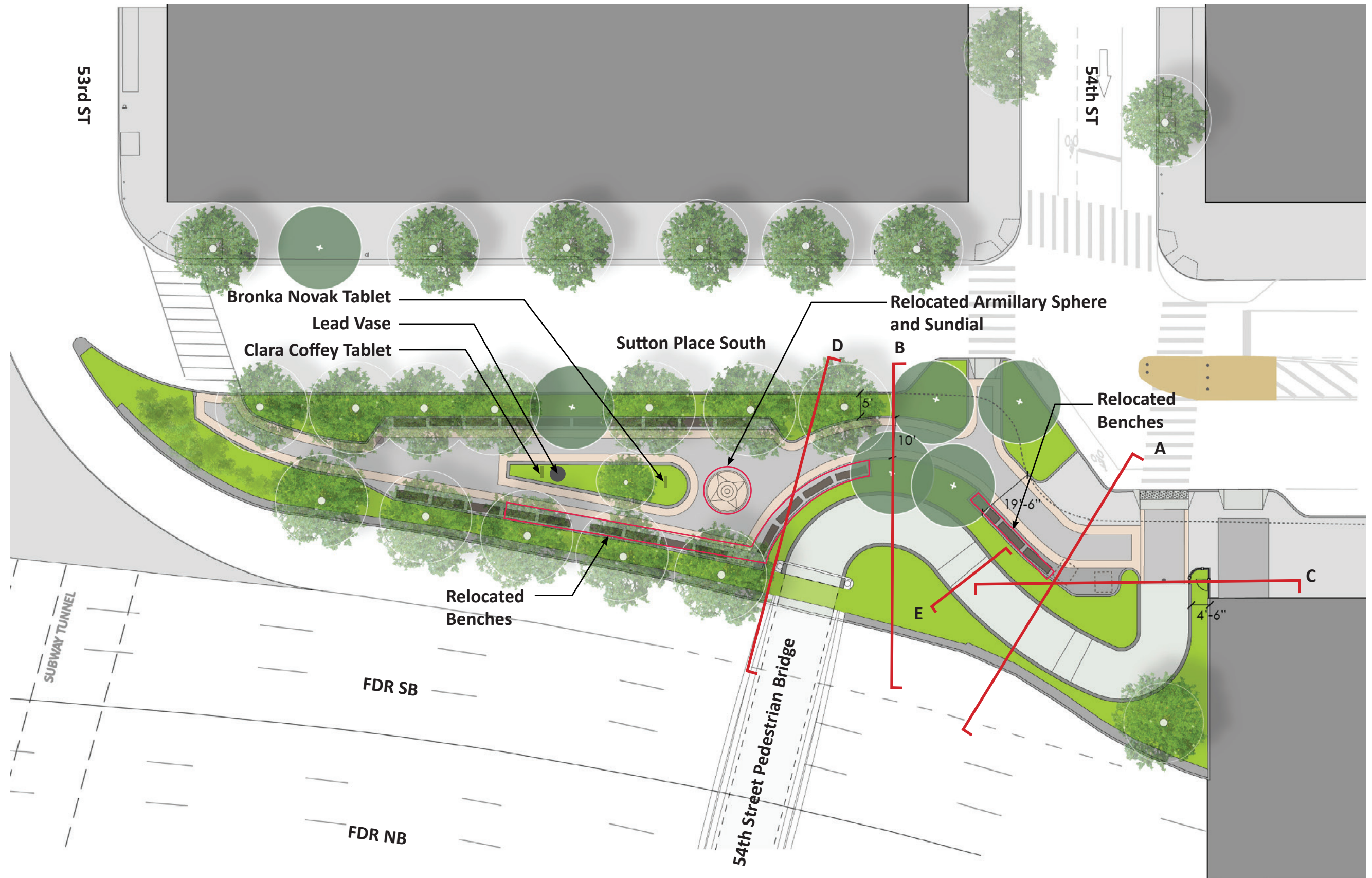
-  Existing Pedestrian Waterfront Connection
-  Proposed Pedestrian Waterfront Connection
-  Proposed East Midtown Greenway
-  Public Open Space
-  Private Open Space
-  Future Open Space



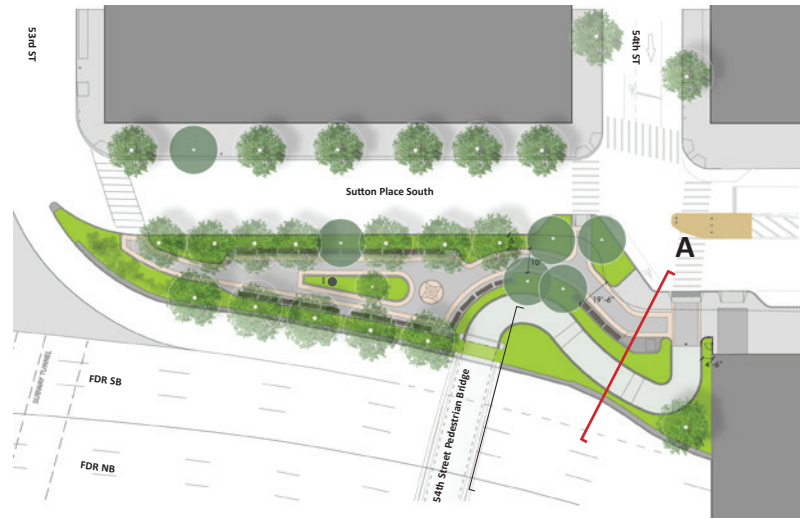
Scale: NTS 



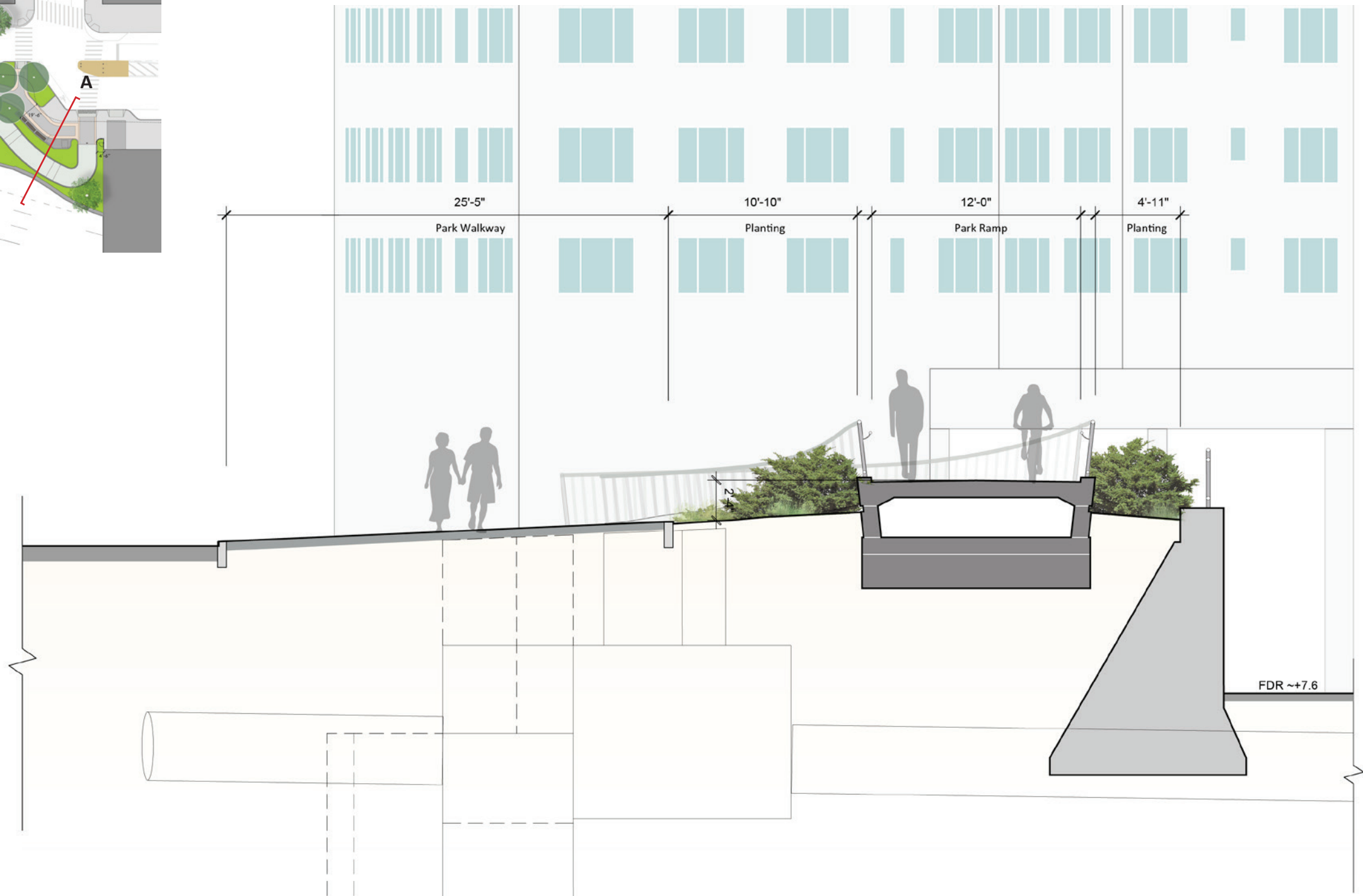




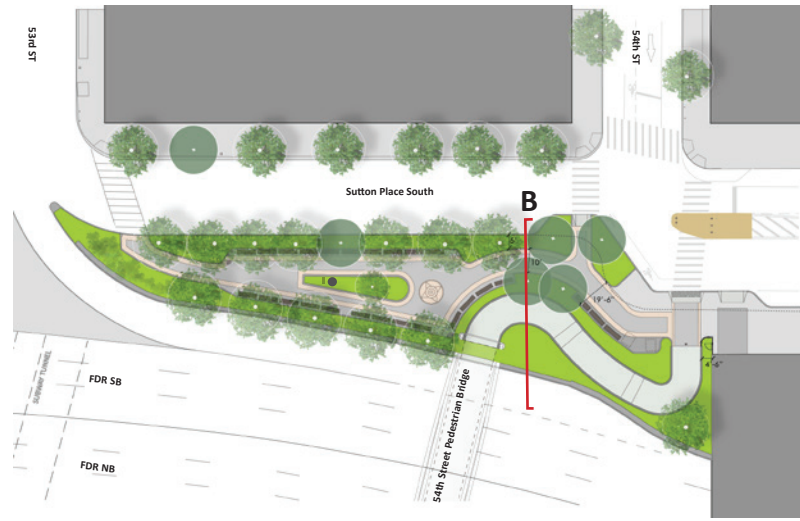
Section A



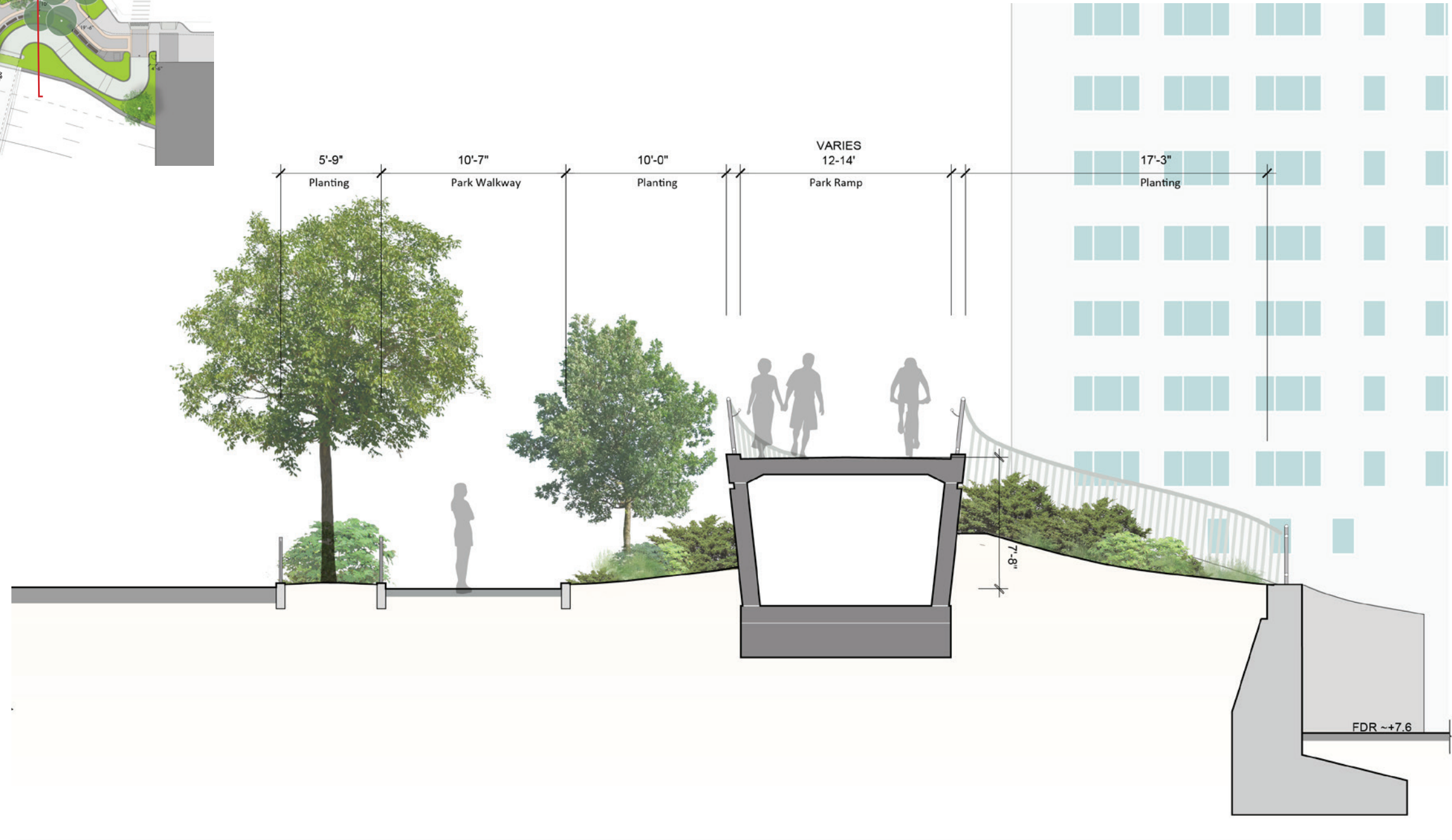
Key Plan



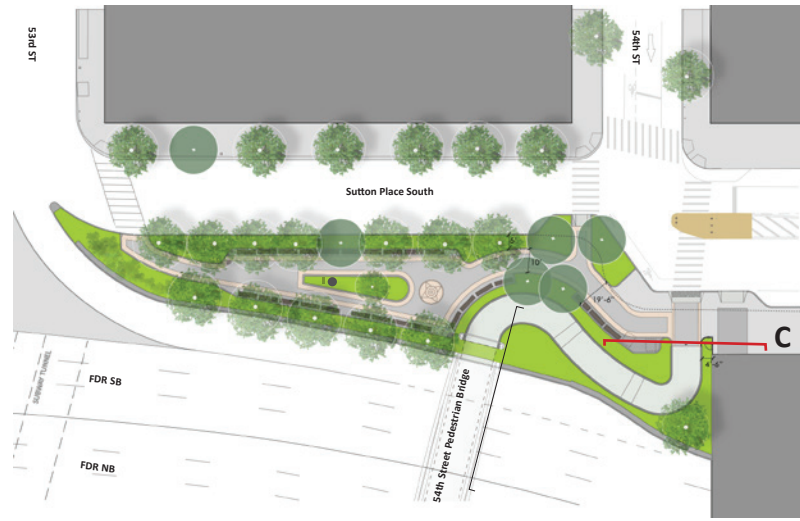
Section B



Key Plan



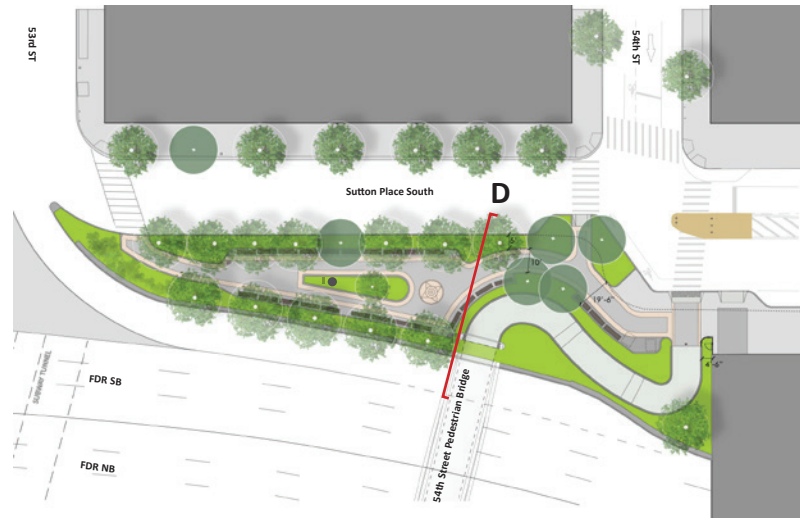
Section C



Key Plan



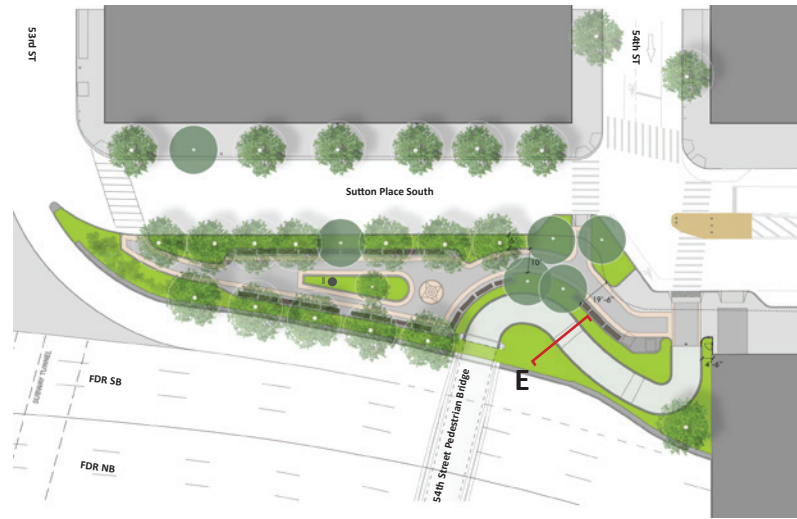
Section D



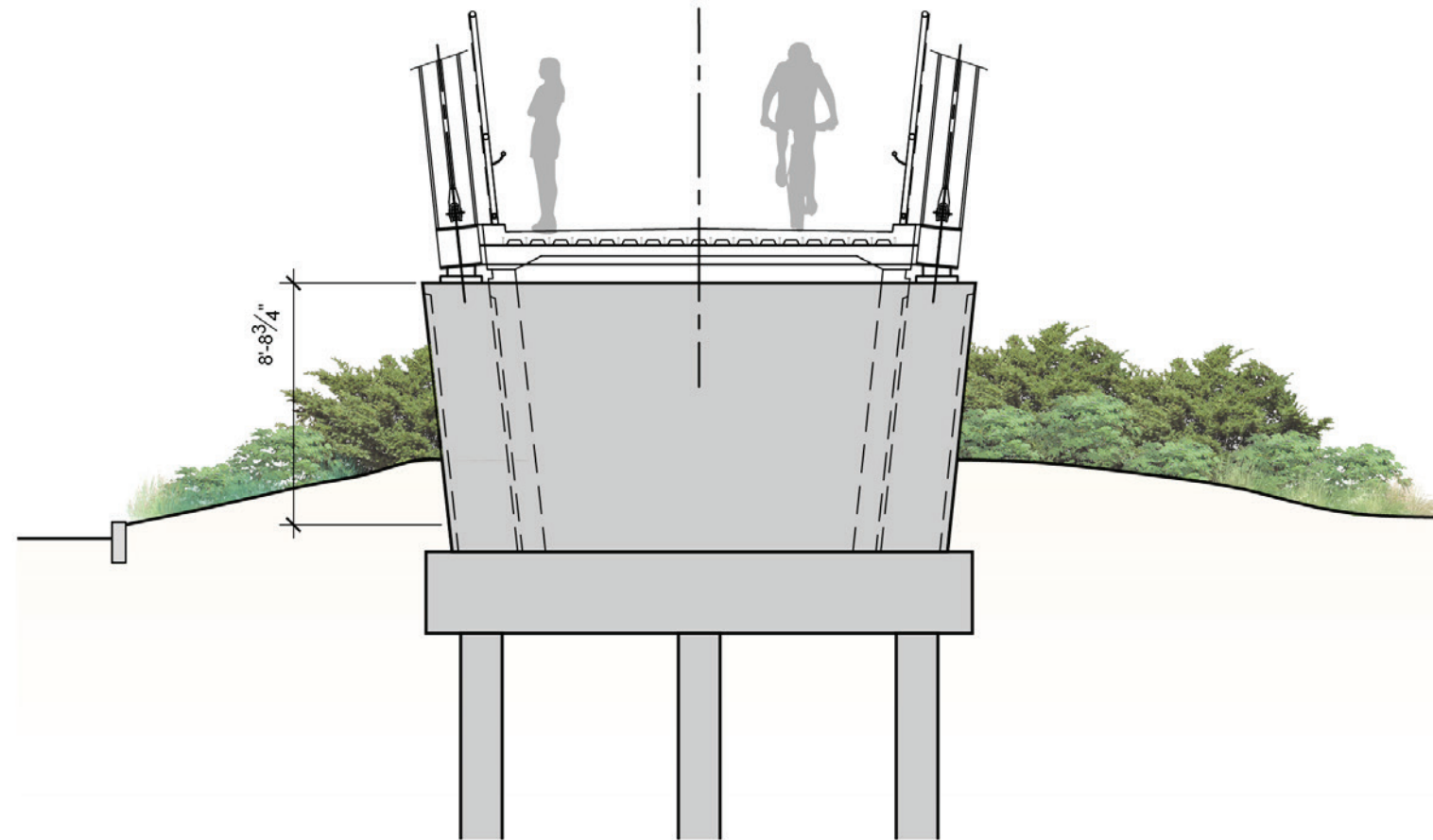
Key Plan

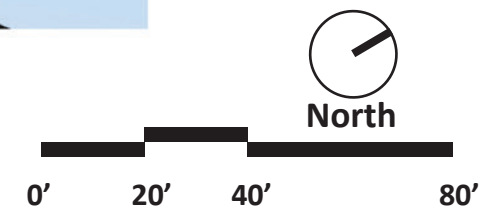
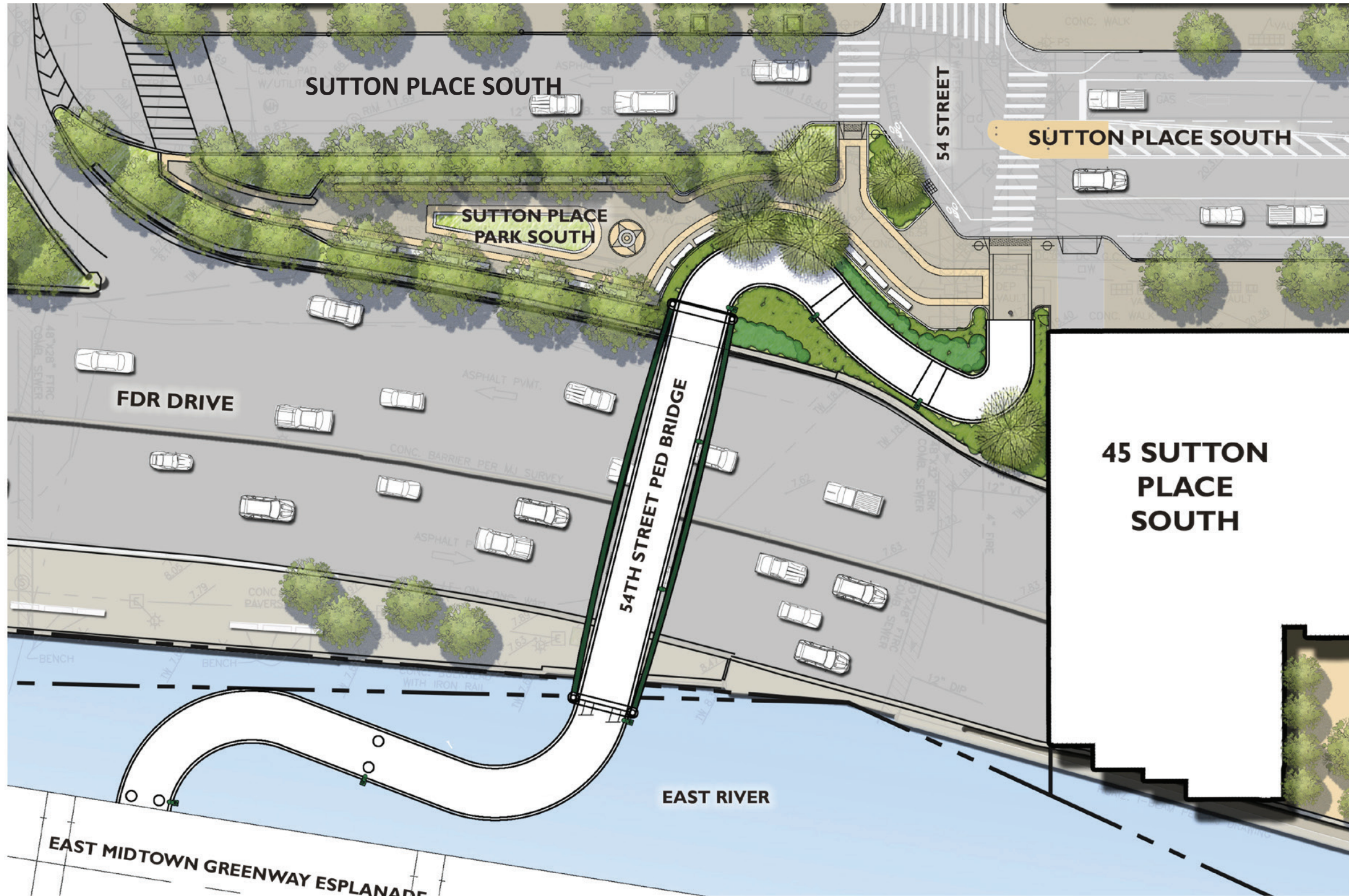


Section E

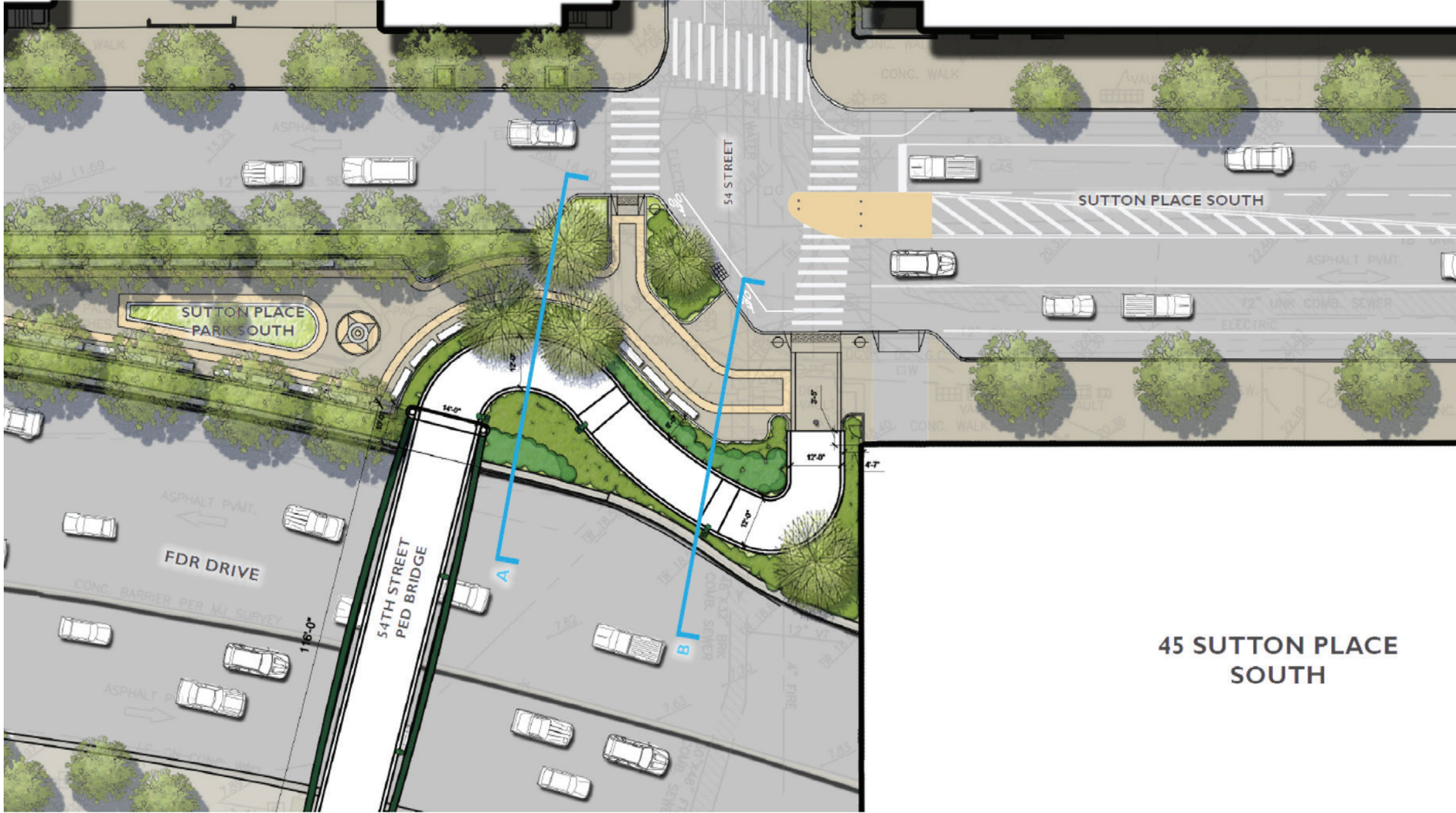


Key Plan

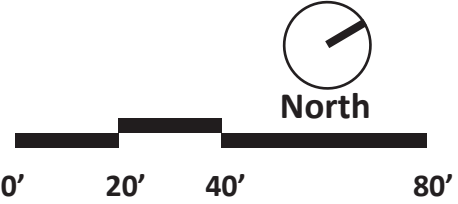




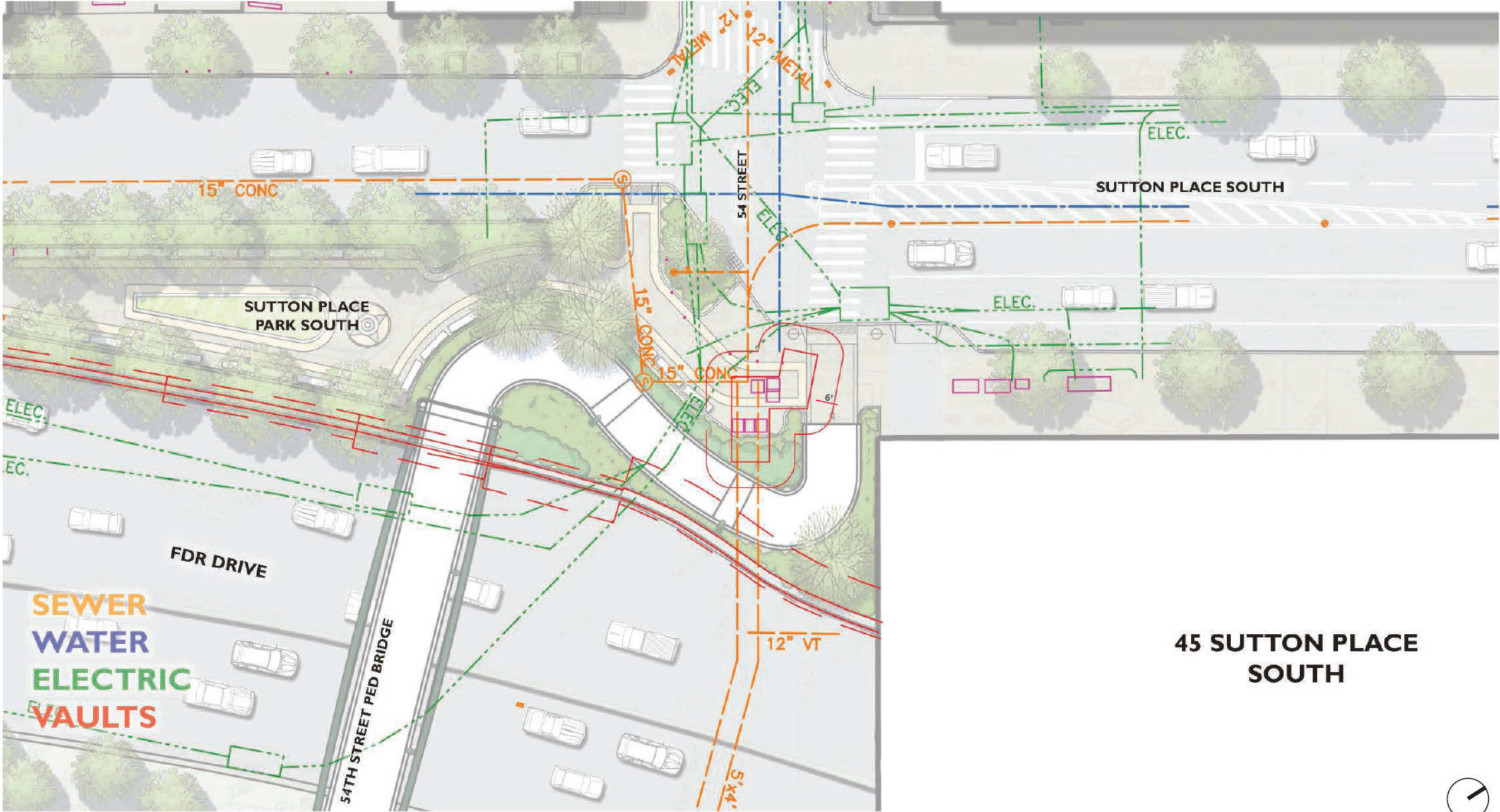
RAMP AND PARK PLAN



45 SUTTON PLACE SOUTH

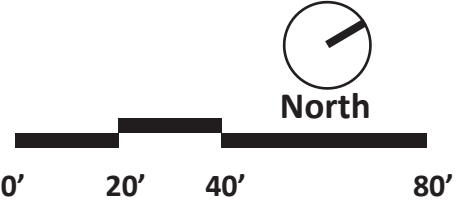


UTILITIES

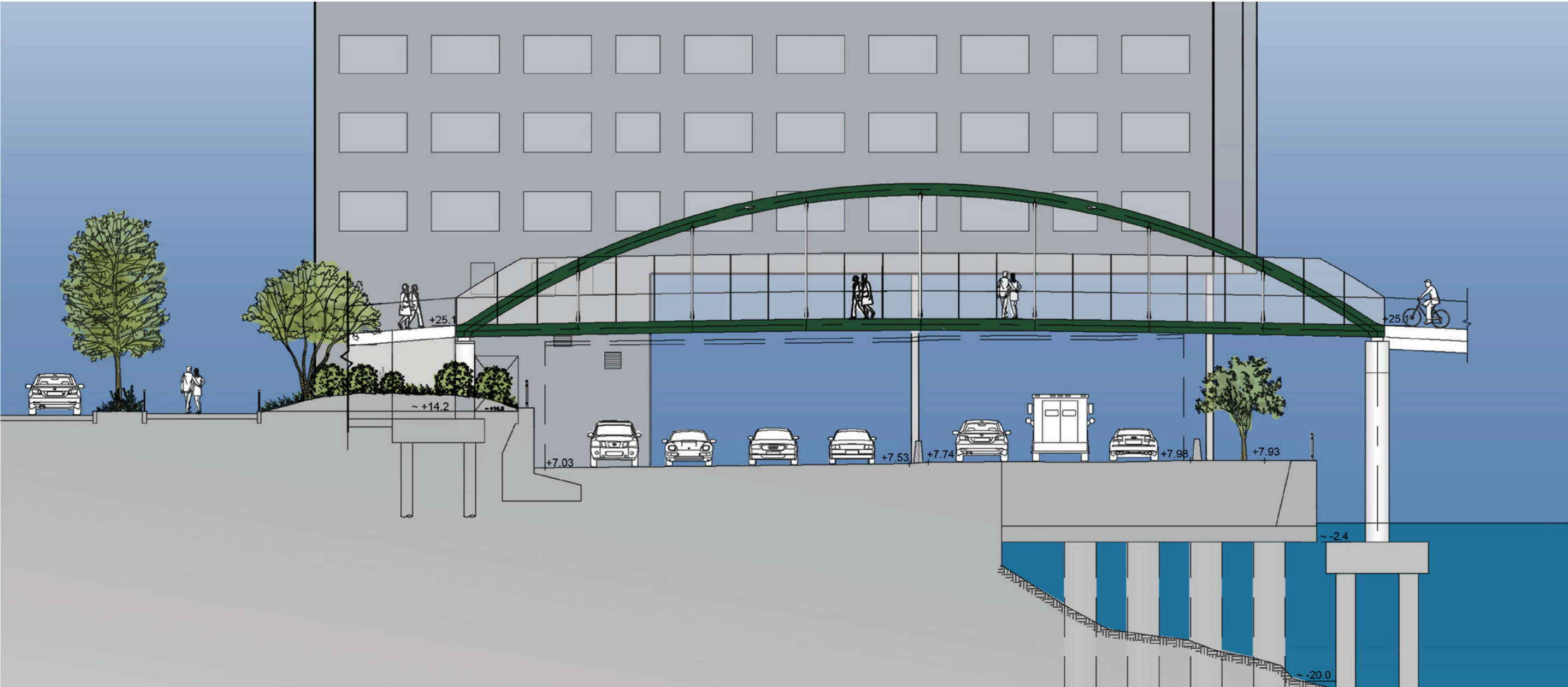


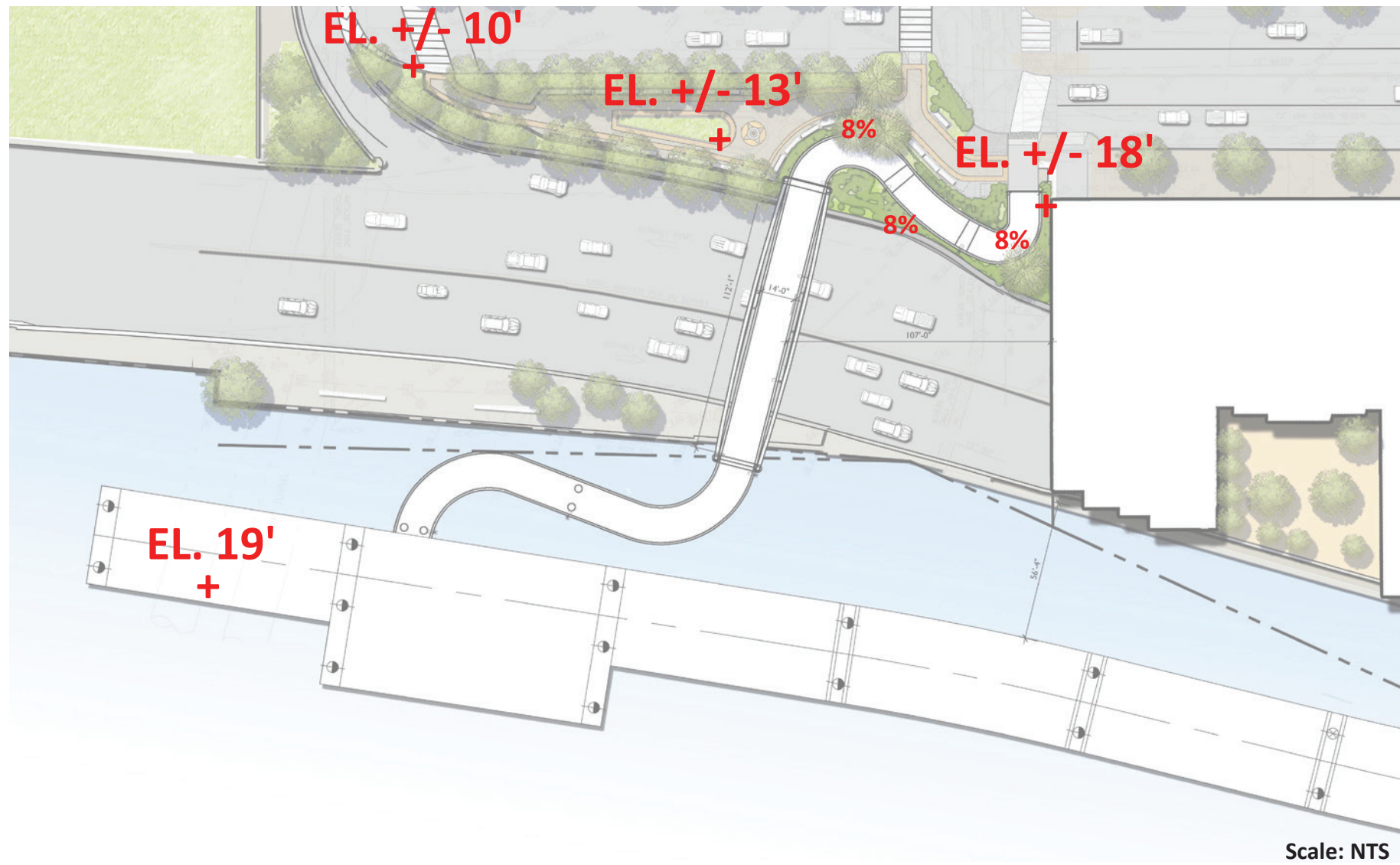
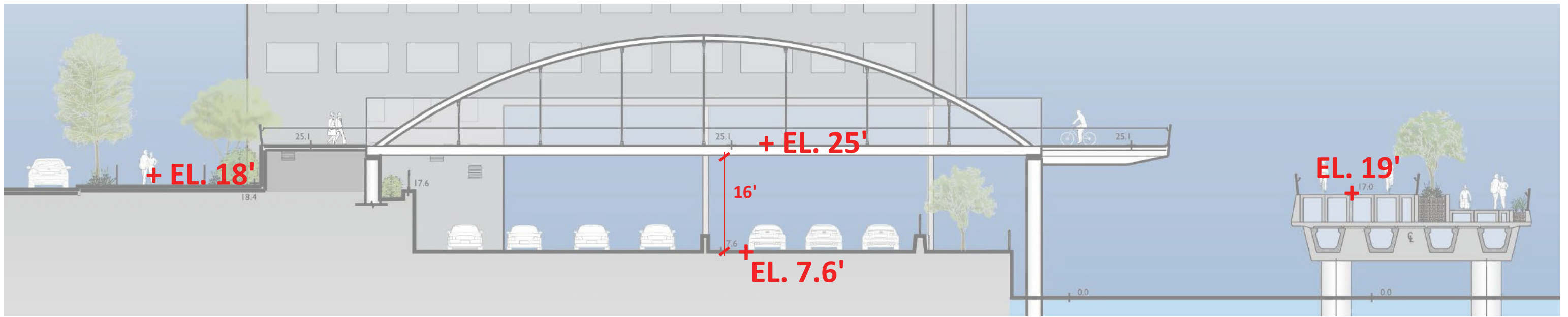
45 SUTTON PLACE SOUTH

Scale: NTS
North



CONTEXT ELEVATION

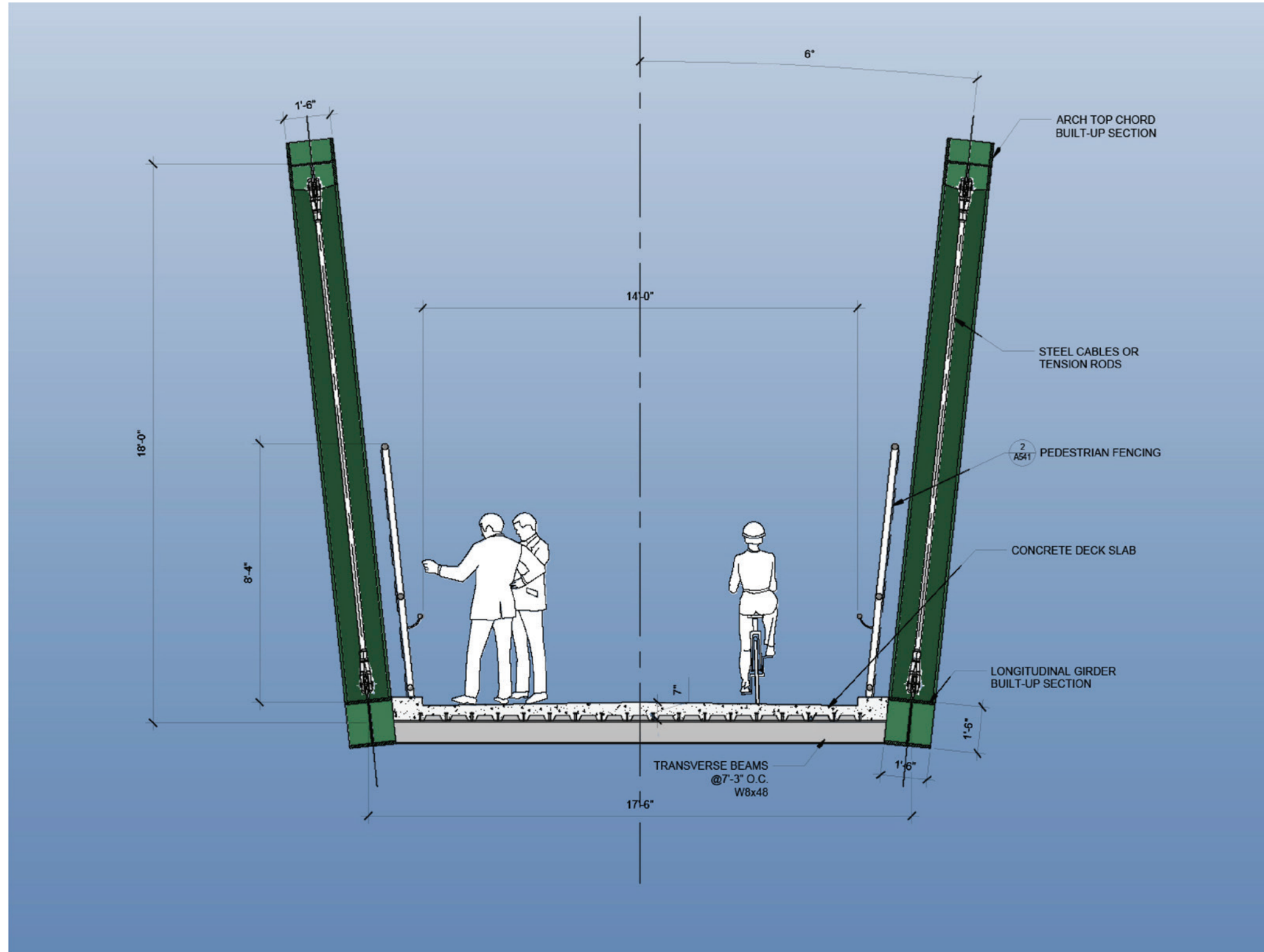




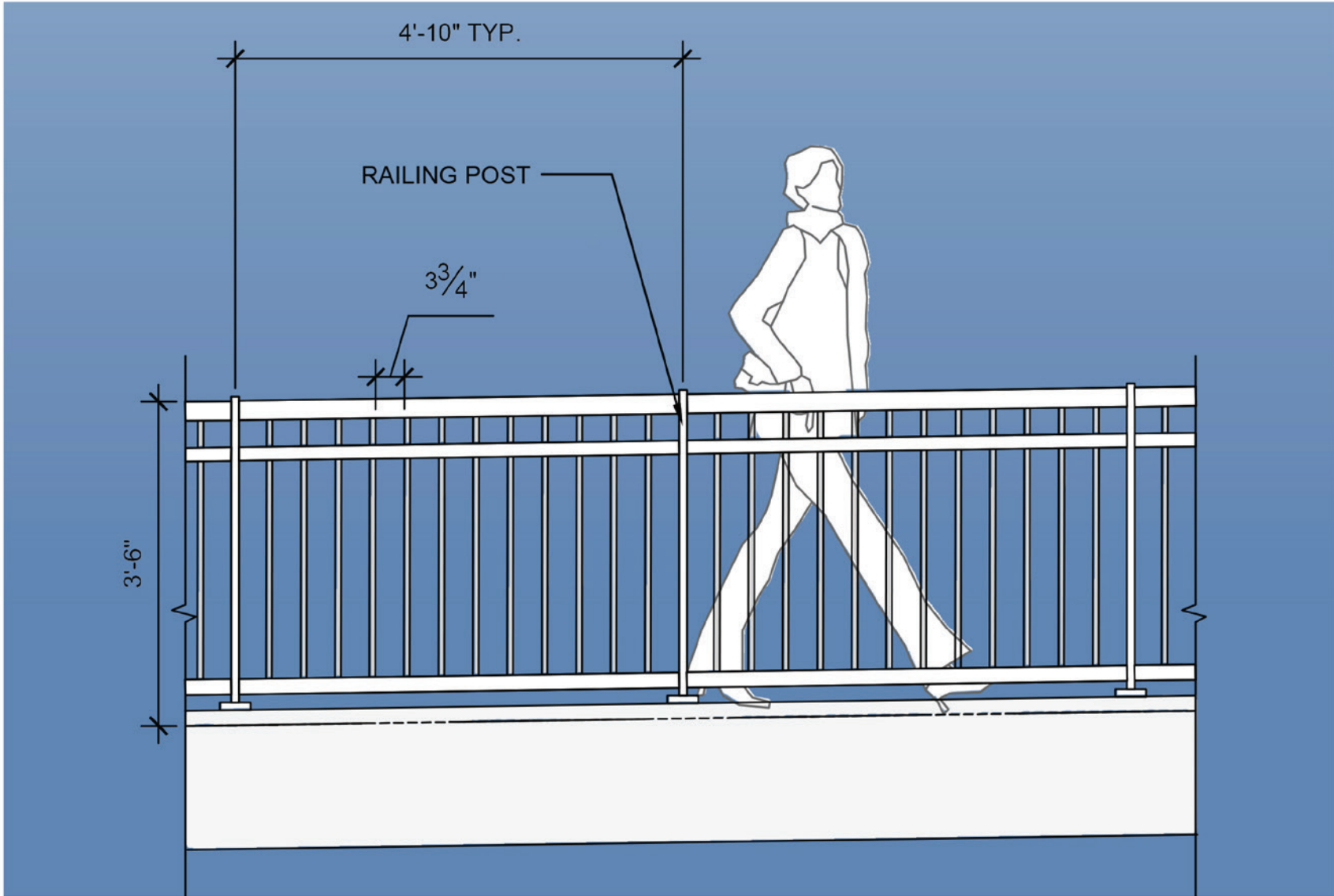
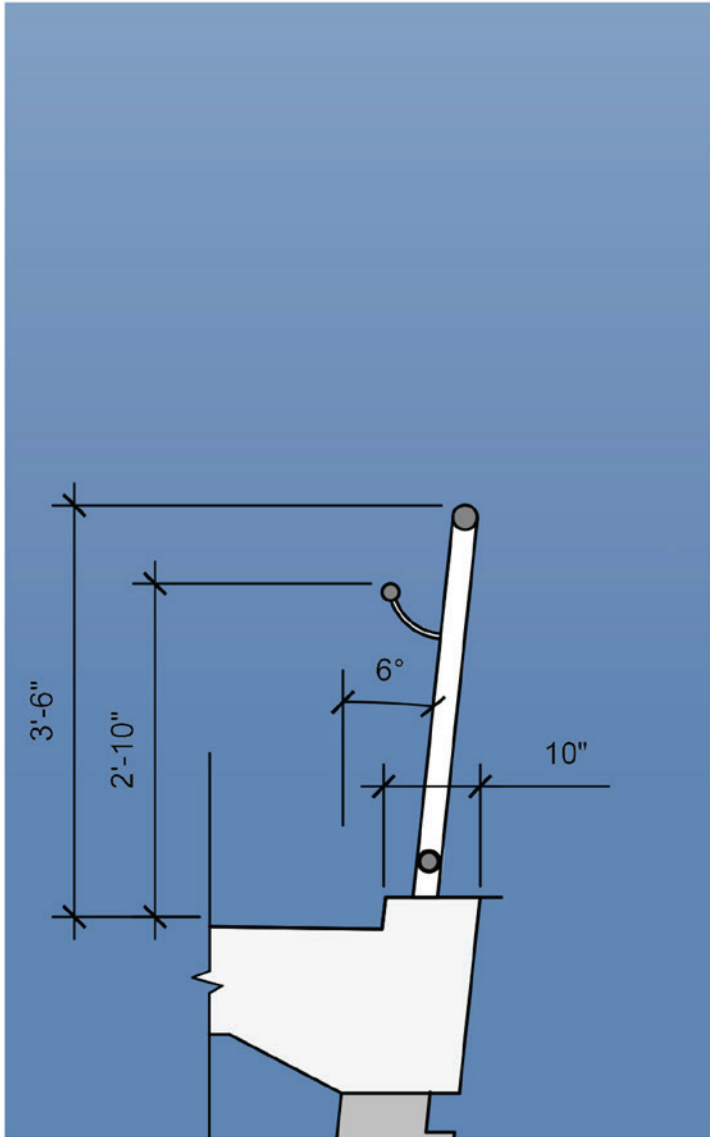
Land Side Bridge Landing: Goal is to achieve the shortest possible ramp length and minimal disturbance to Sutton Place Park. Strategies to achieving this goal include:

- **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**

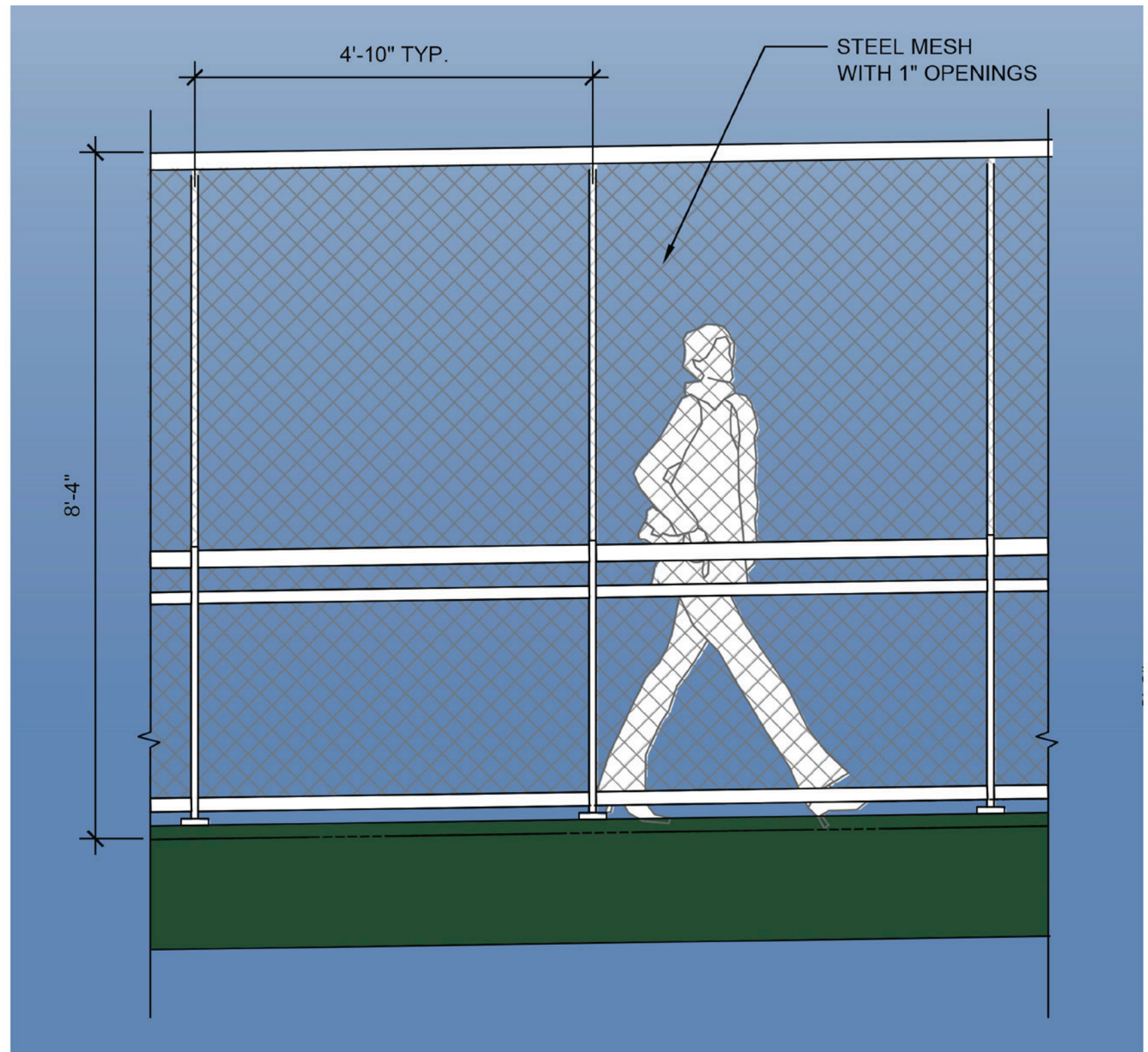
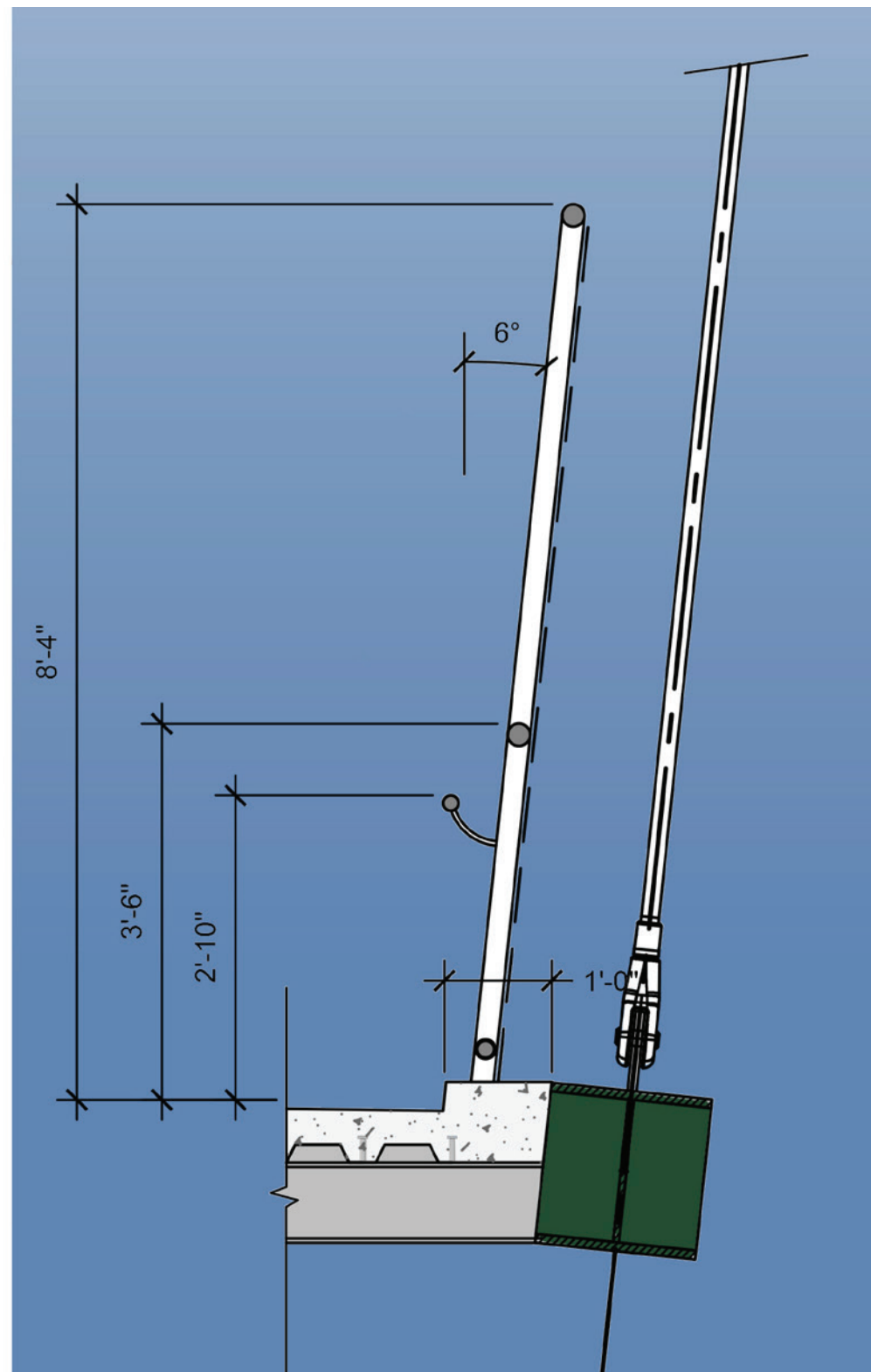
TYPICAL BRIDGE SECTION



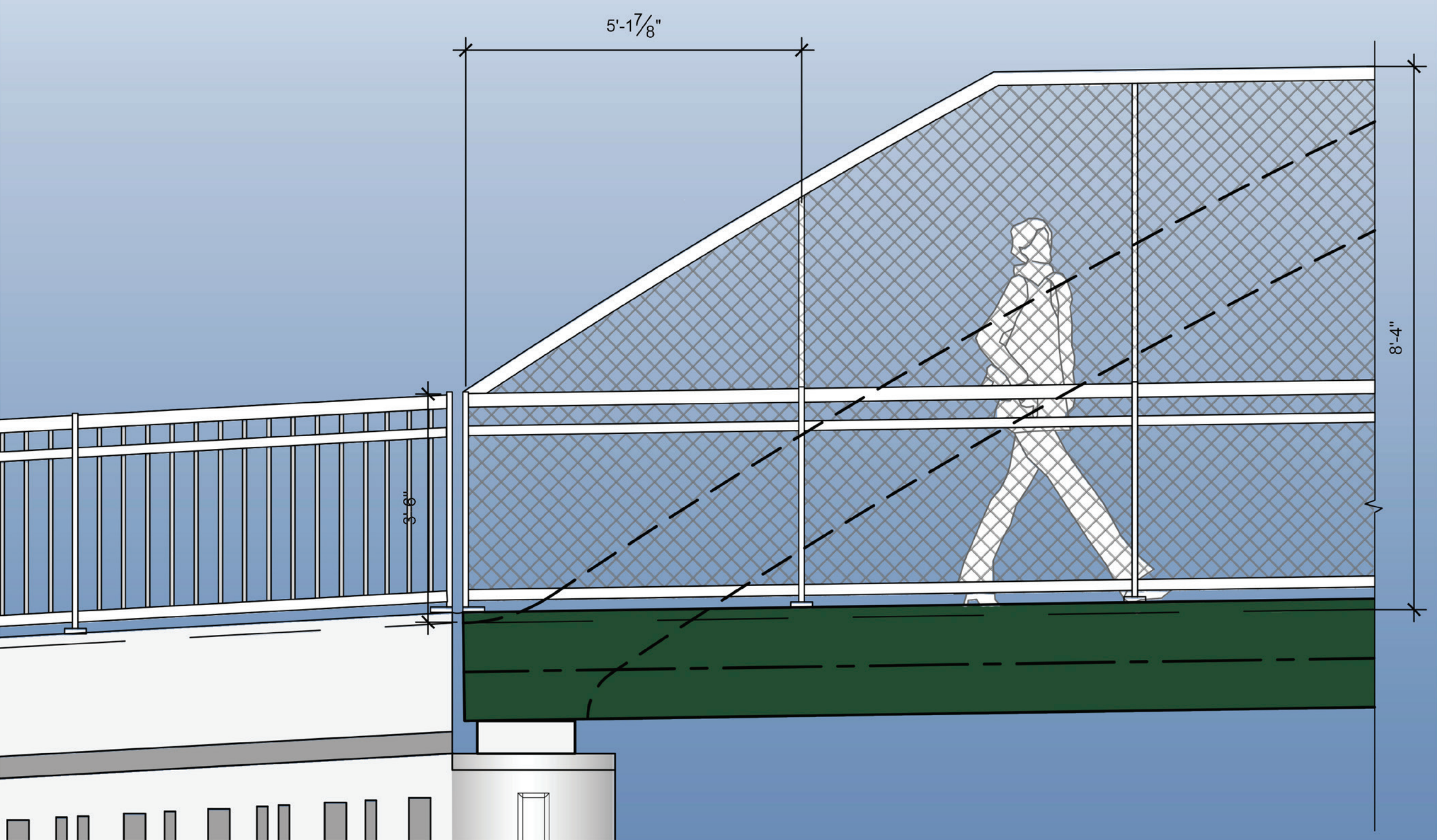
TYPICAL RAMP RAILING



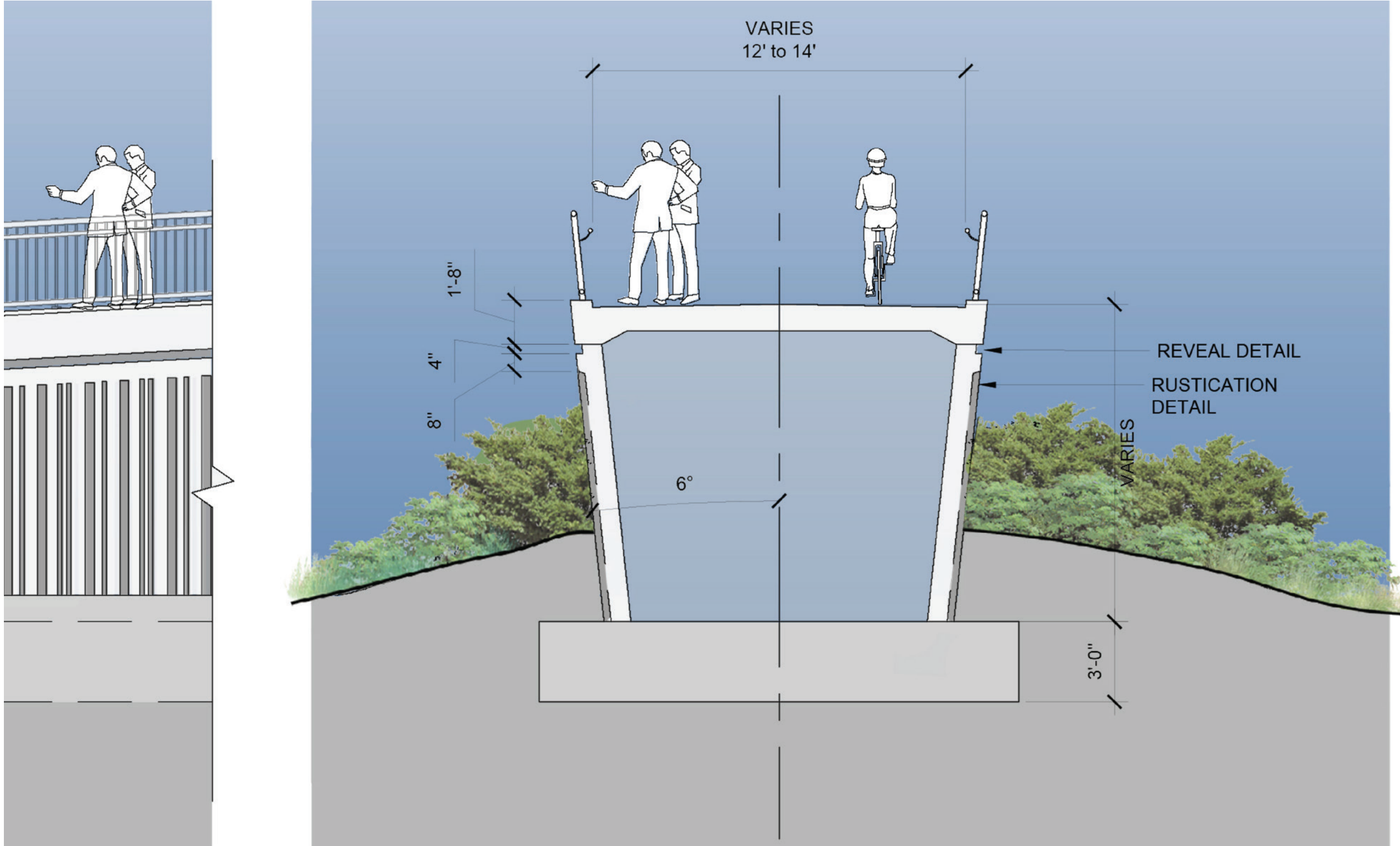
BRIDGE RAILING AND MESH DETAIL



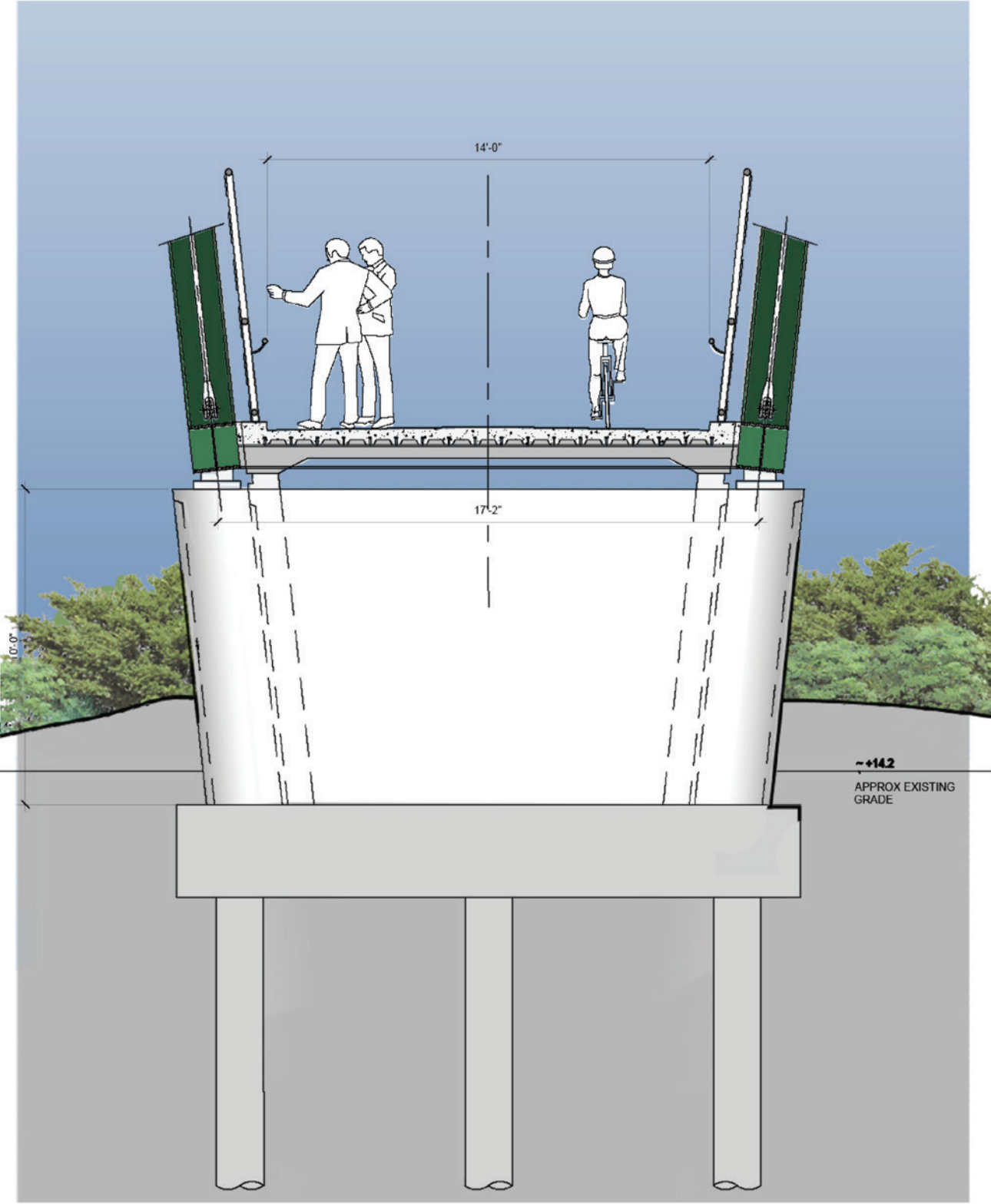
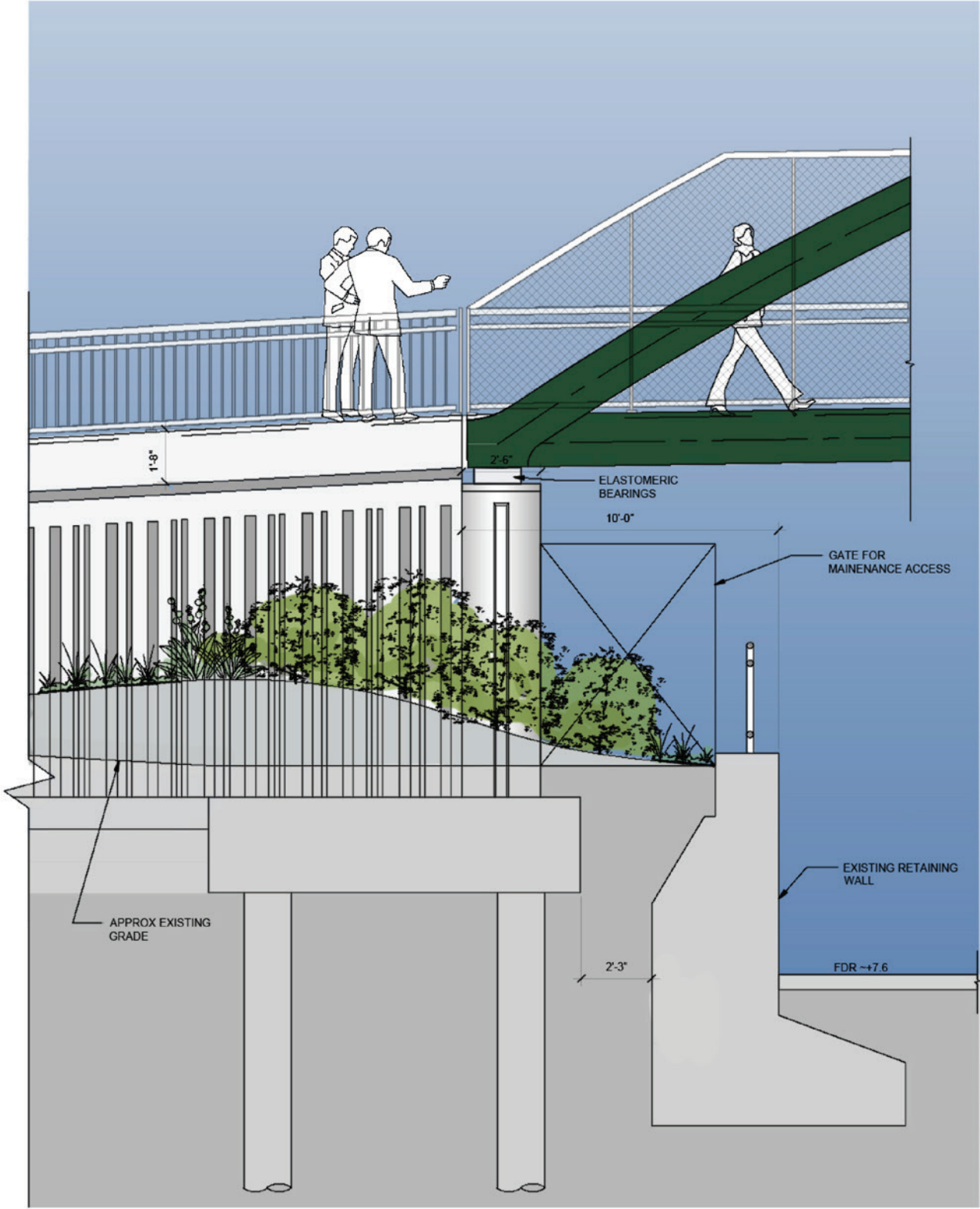
MESH TERMINATION DETAIL



PARK RAMP TYPICAL SECTION AND ELEVATION



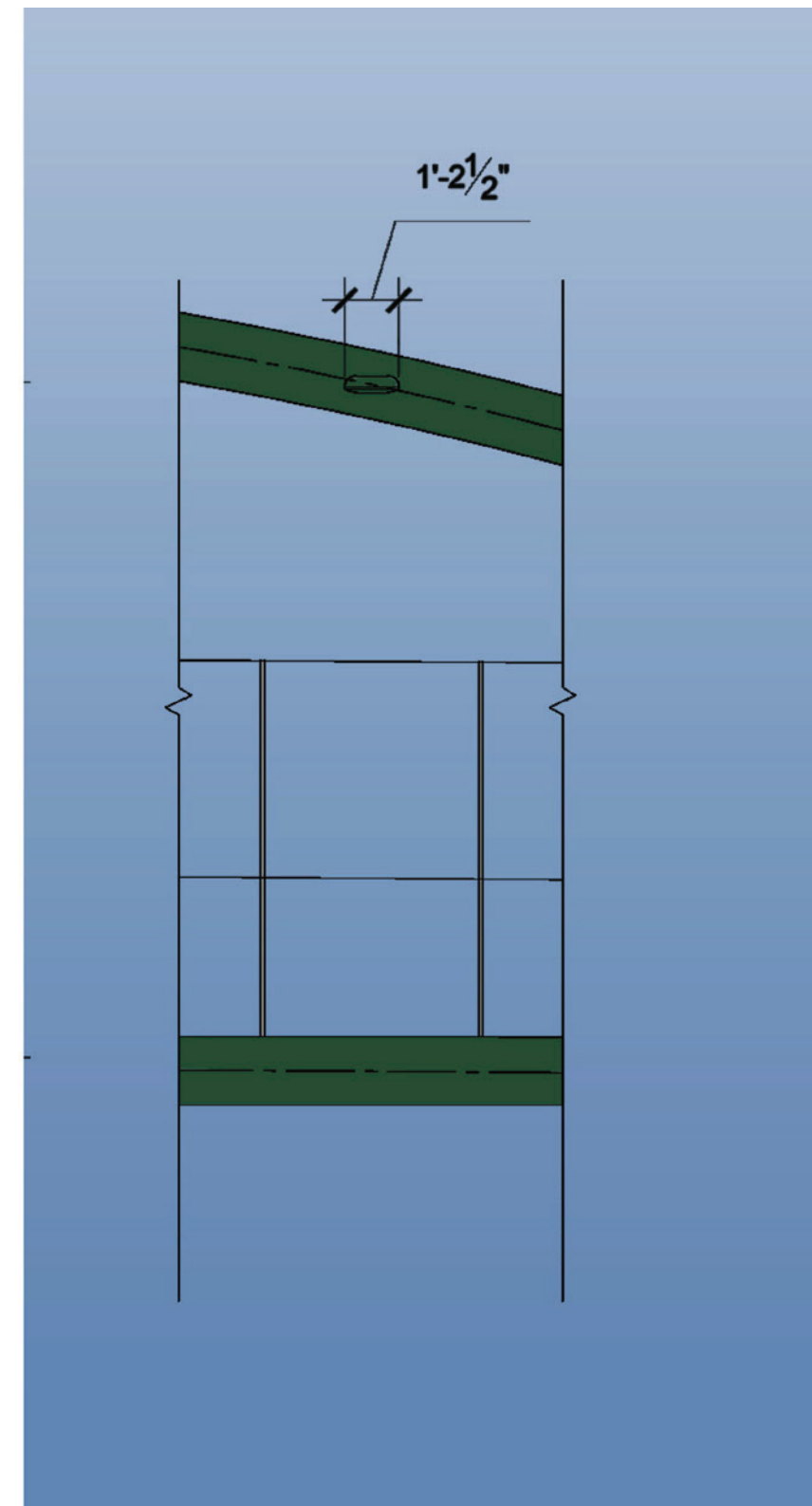
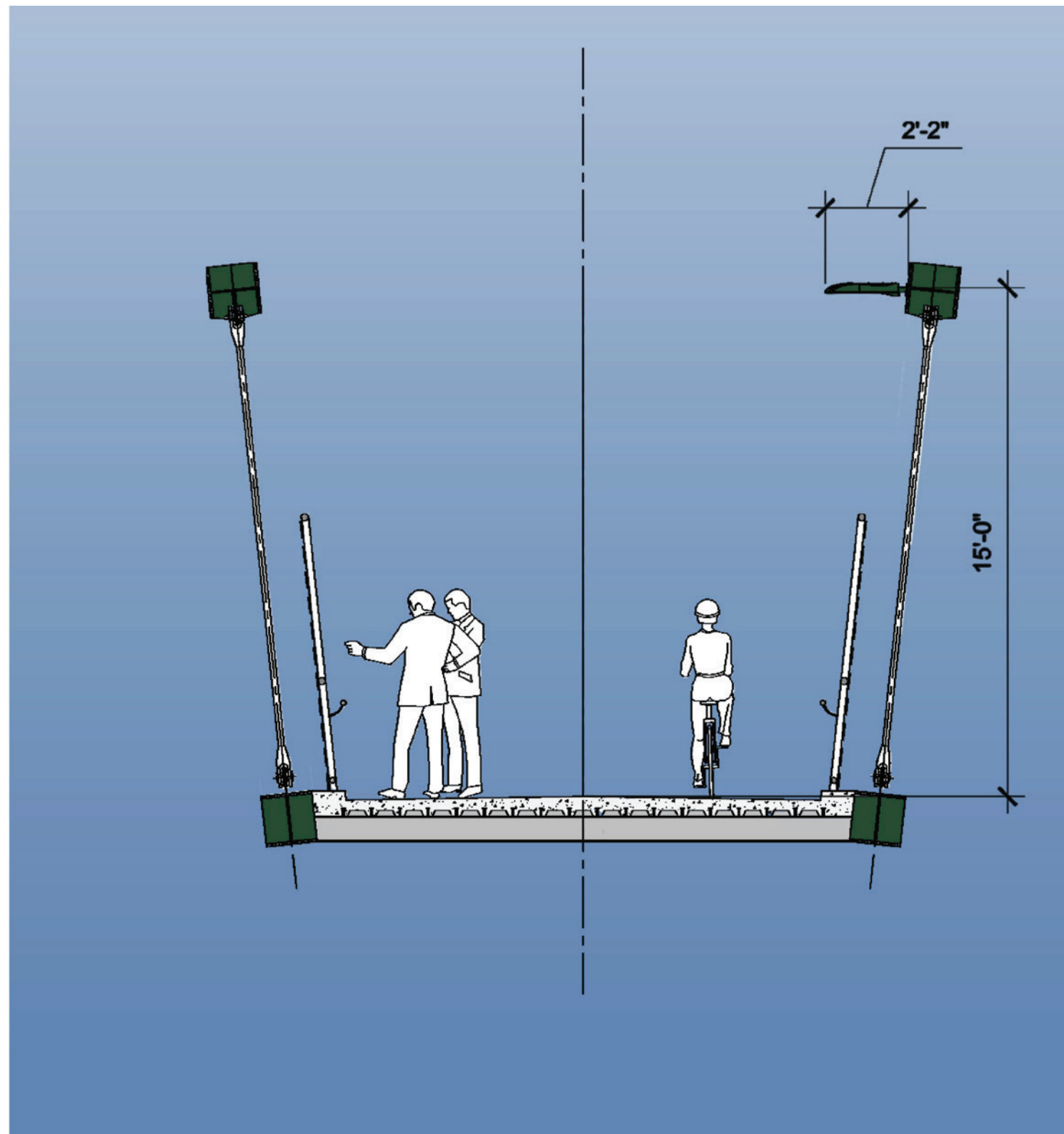
PARK RAMP AND BRIDGE ABUTMENT



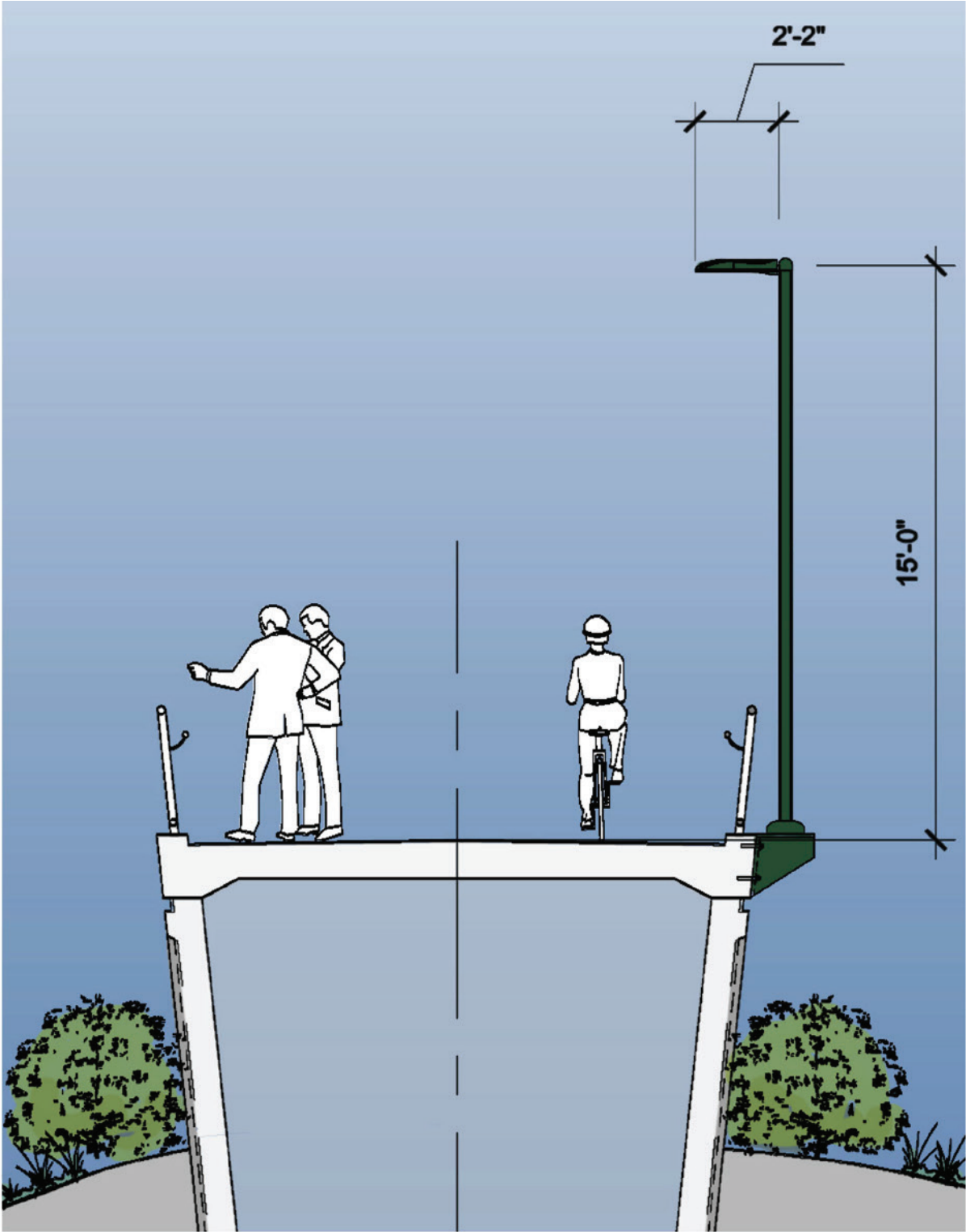
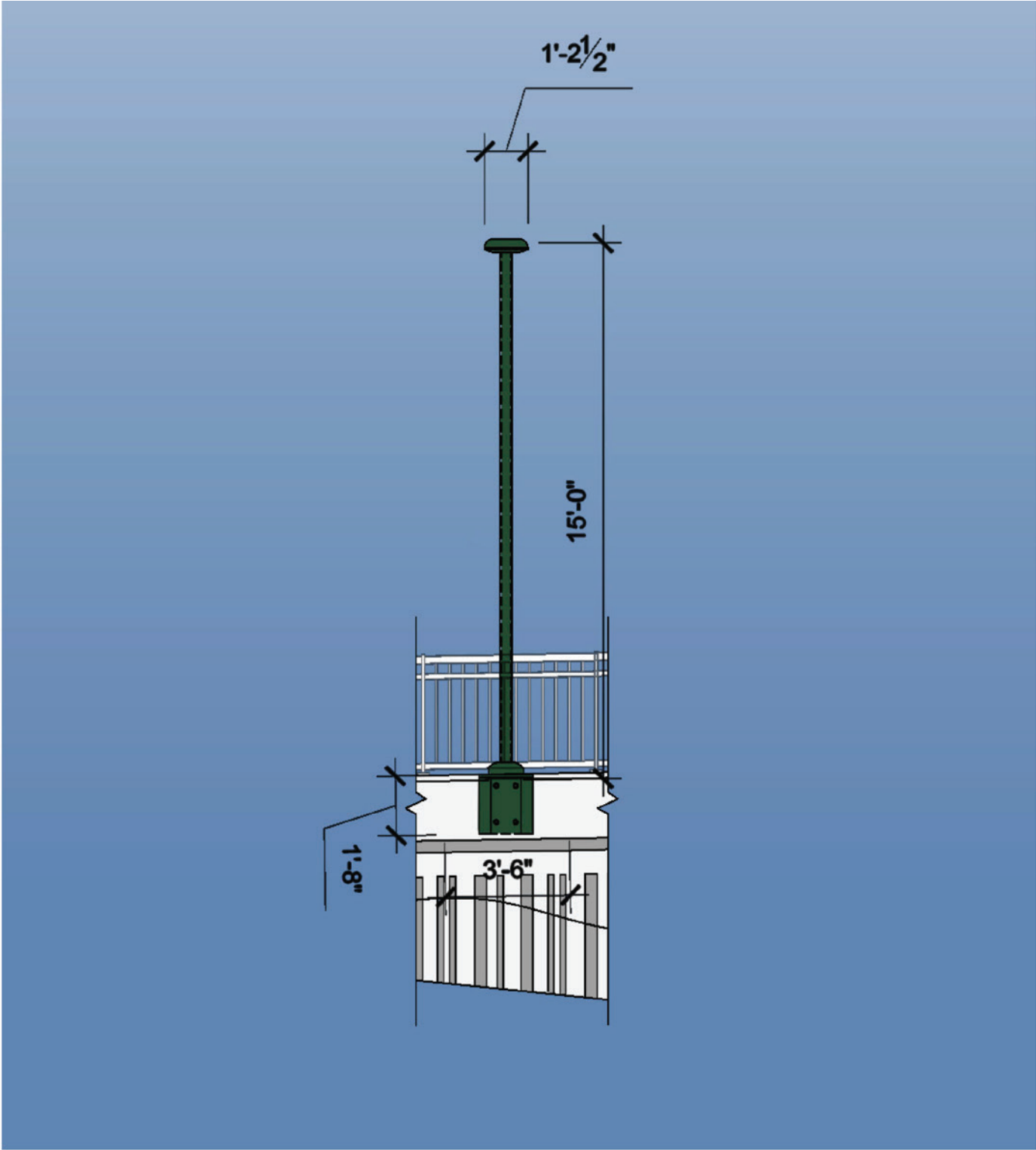
PEDESTRIAN BRIDGE LIGHT LOCATIONS



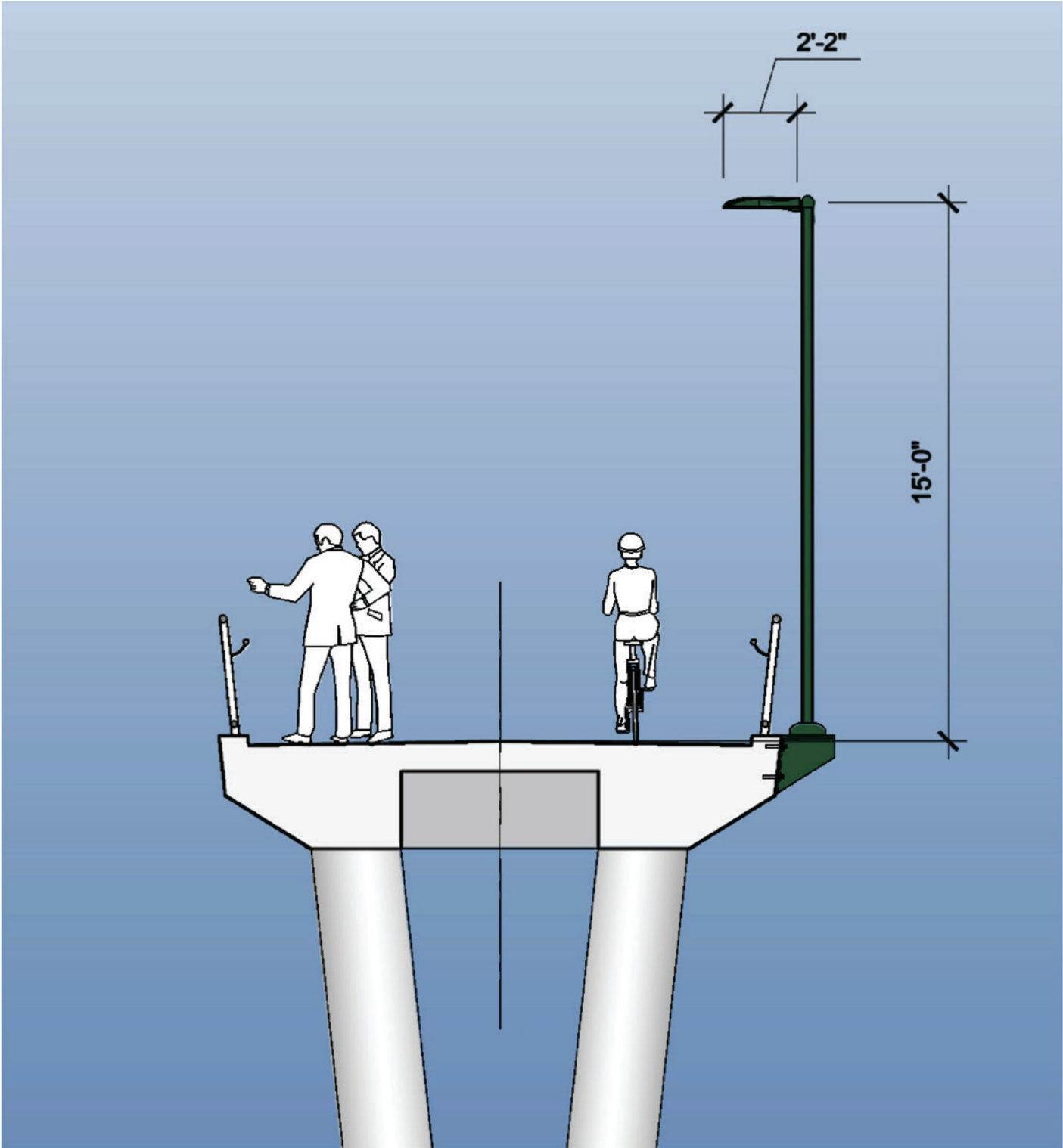
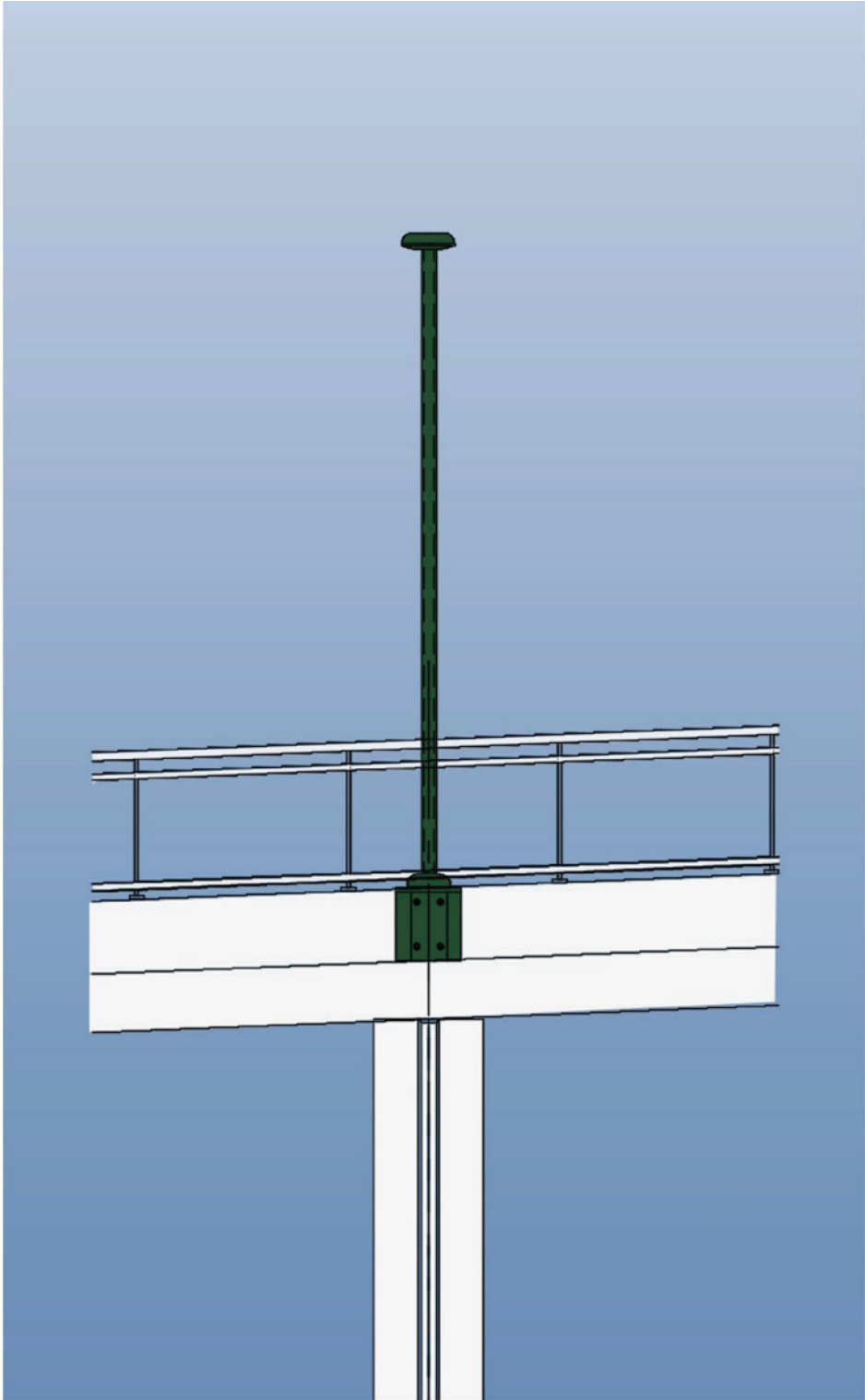
LIGHTING AT BRIDGE



LIGHTING AT LAND-SIDE RAMP



LIGHTING AT WATER-SIDE RAMP





54TH STREET
Span: 116'
Height: 36'



WEST 151TH STREET
Span: ~250'
Height: ~50'



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

**NYC PEDESTRIAN
BRIDGE
COMPARISON**

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

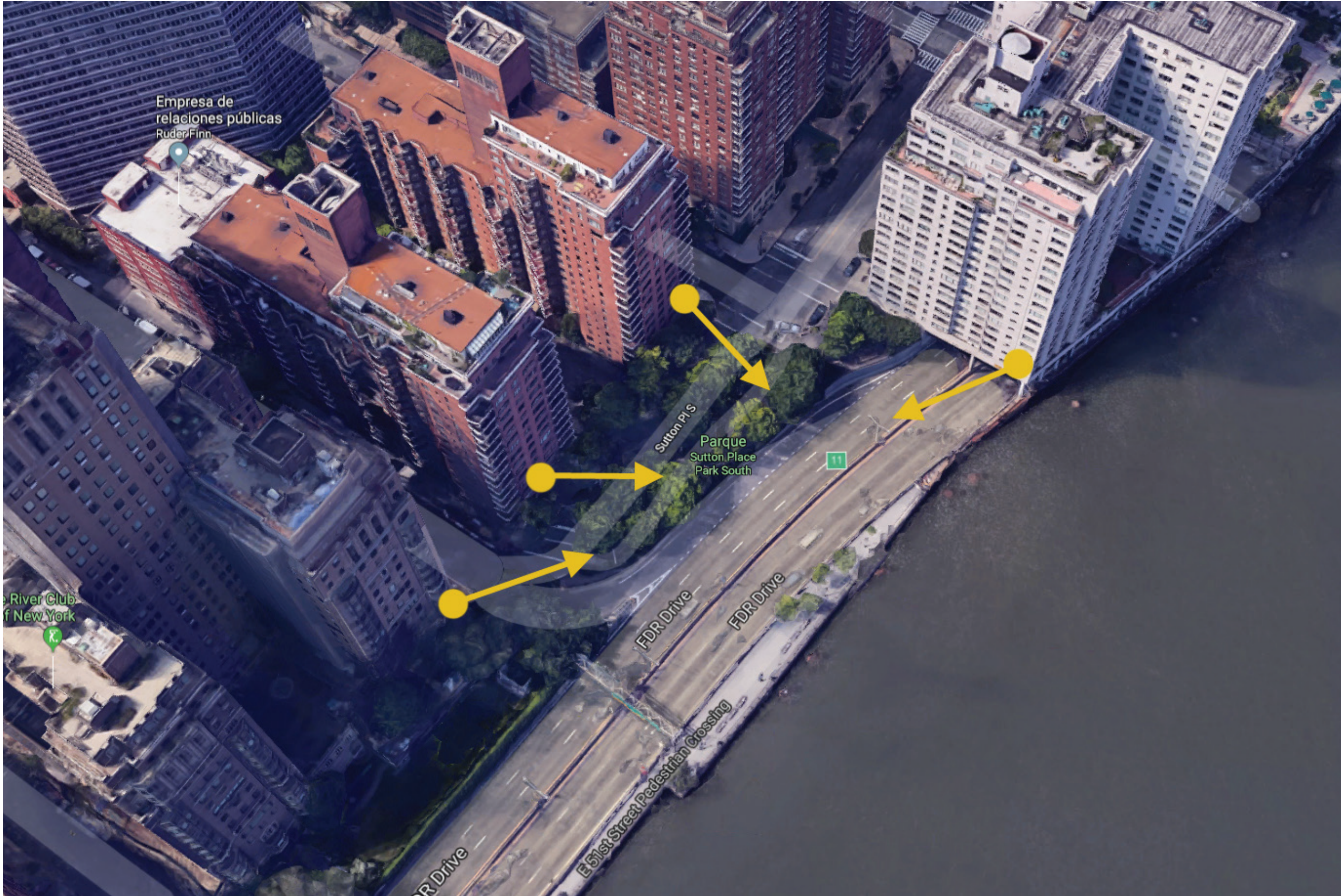


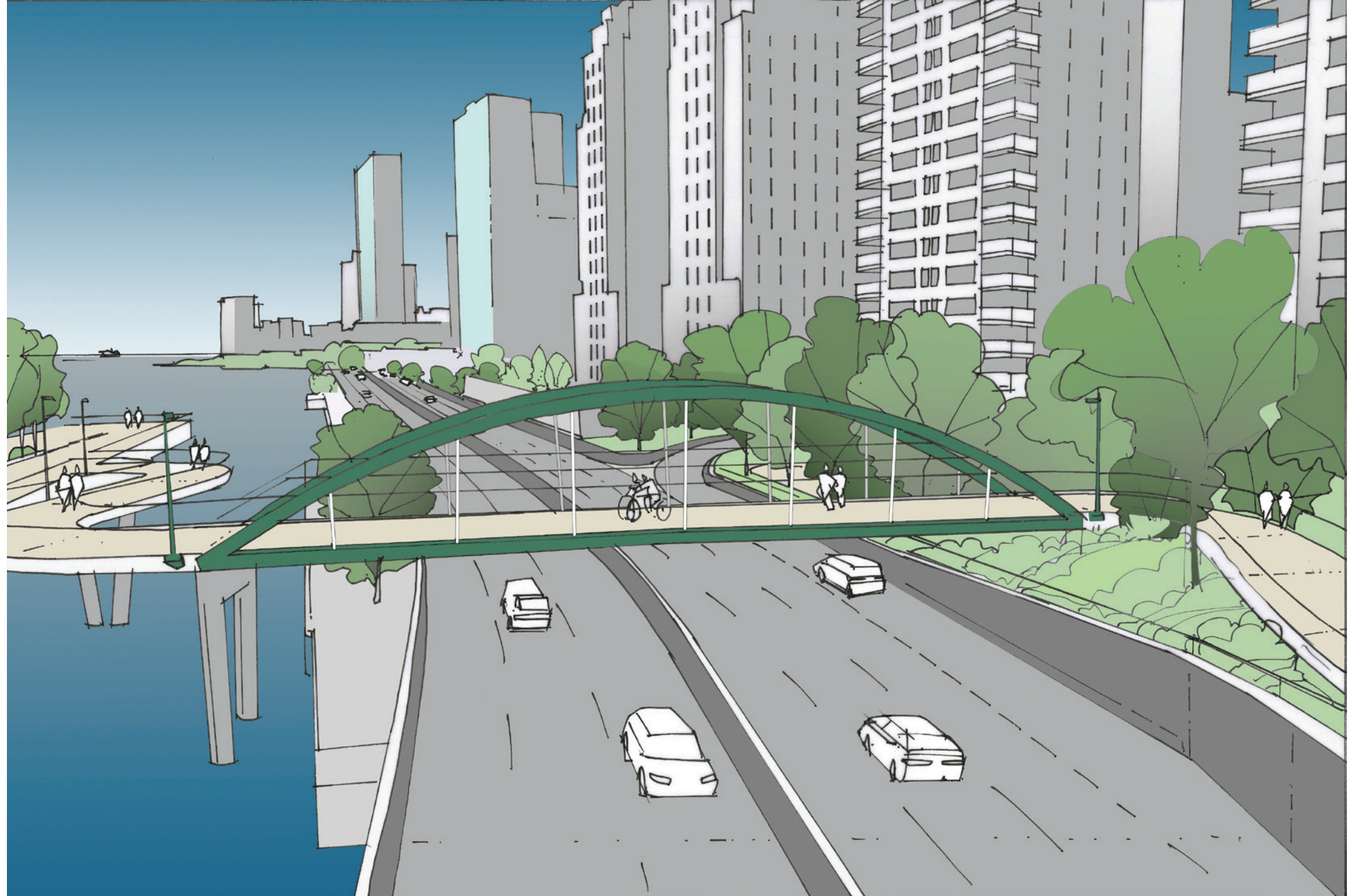
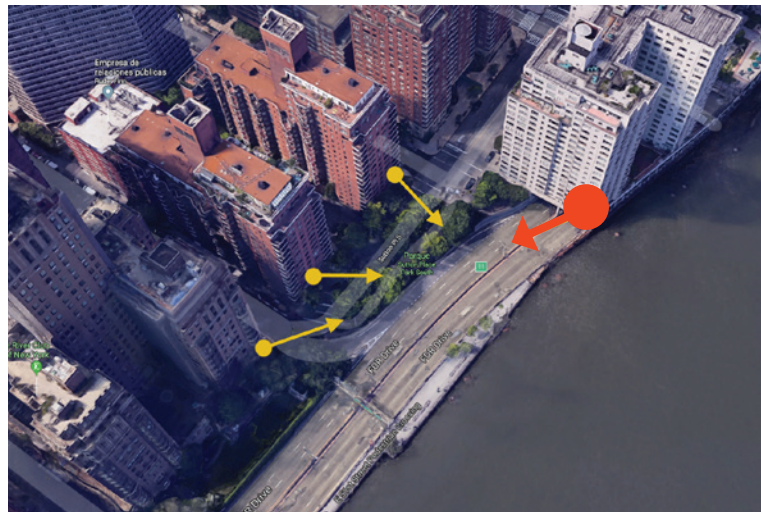
63RD STREET
Span: ~125'
Height: ~72'

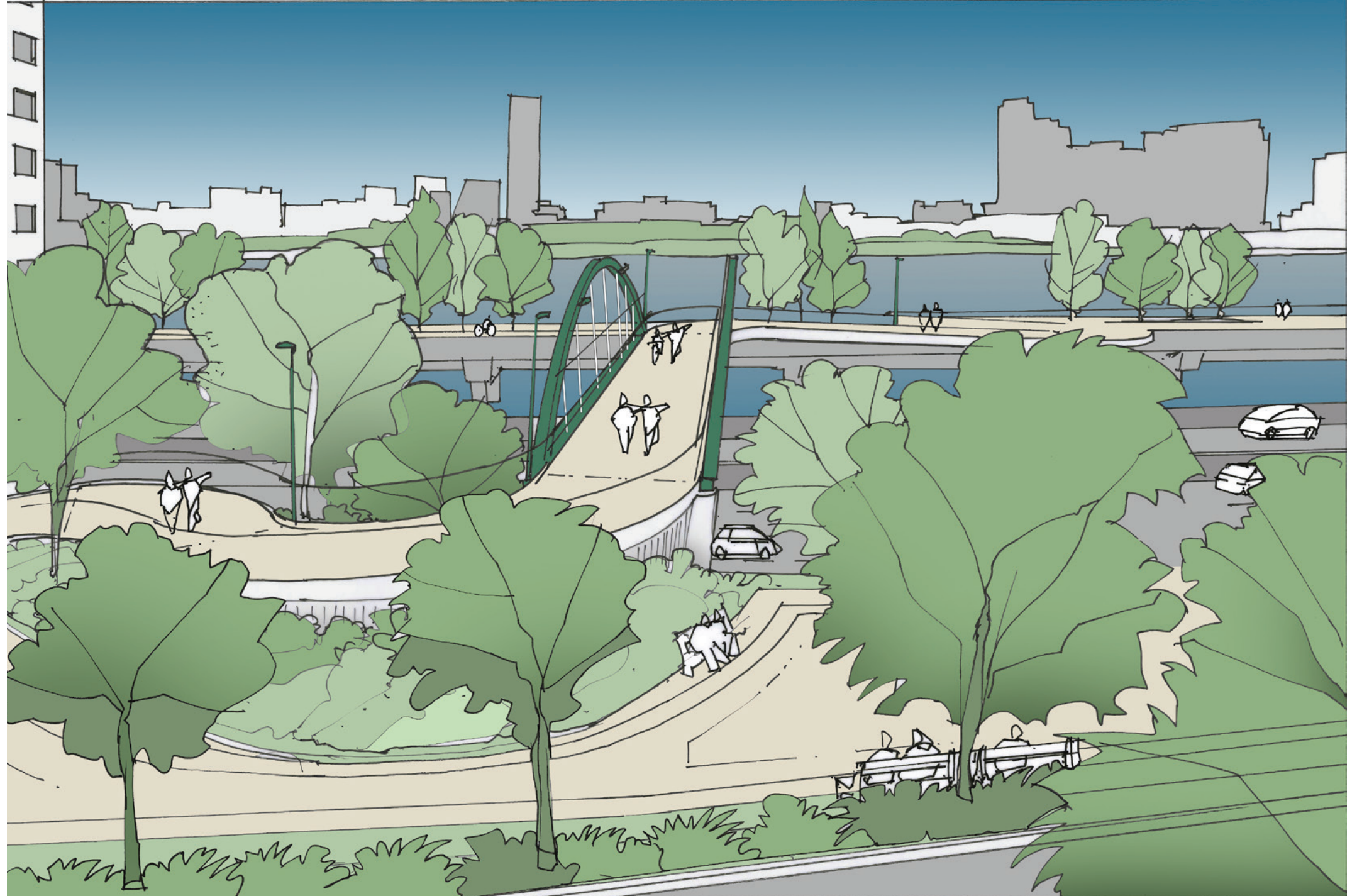
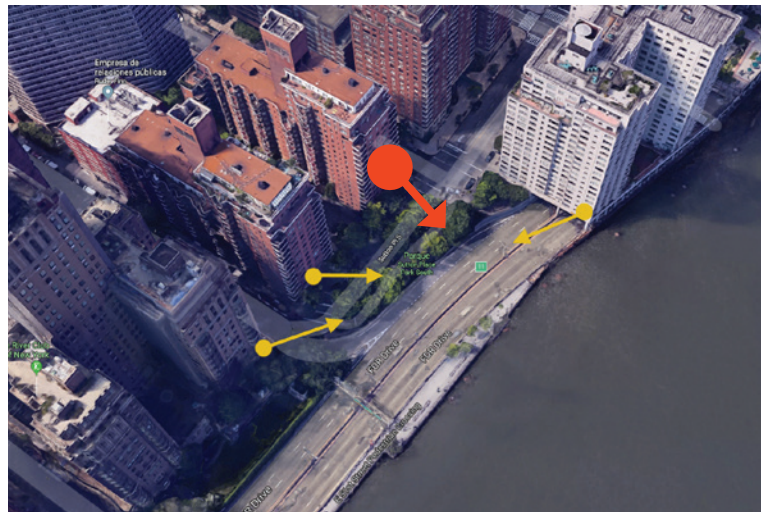


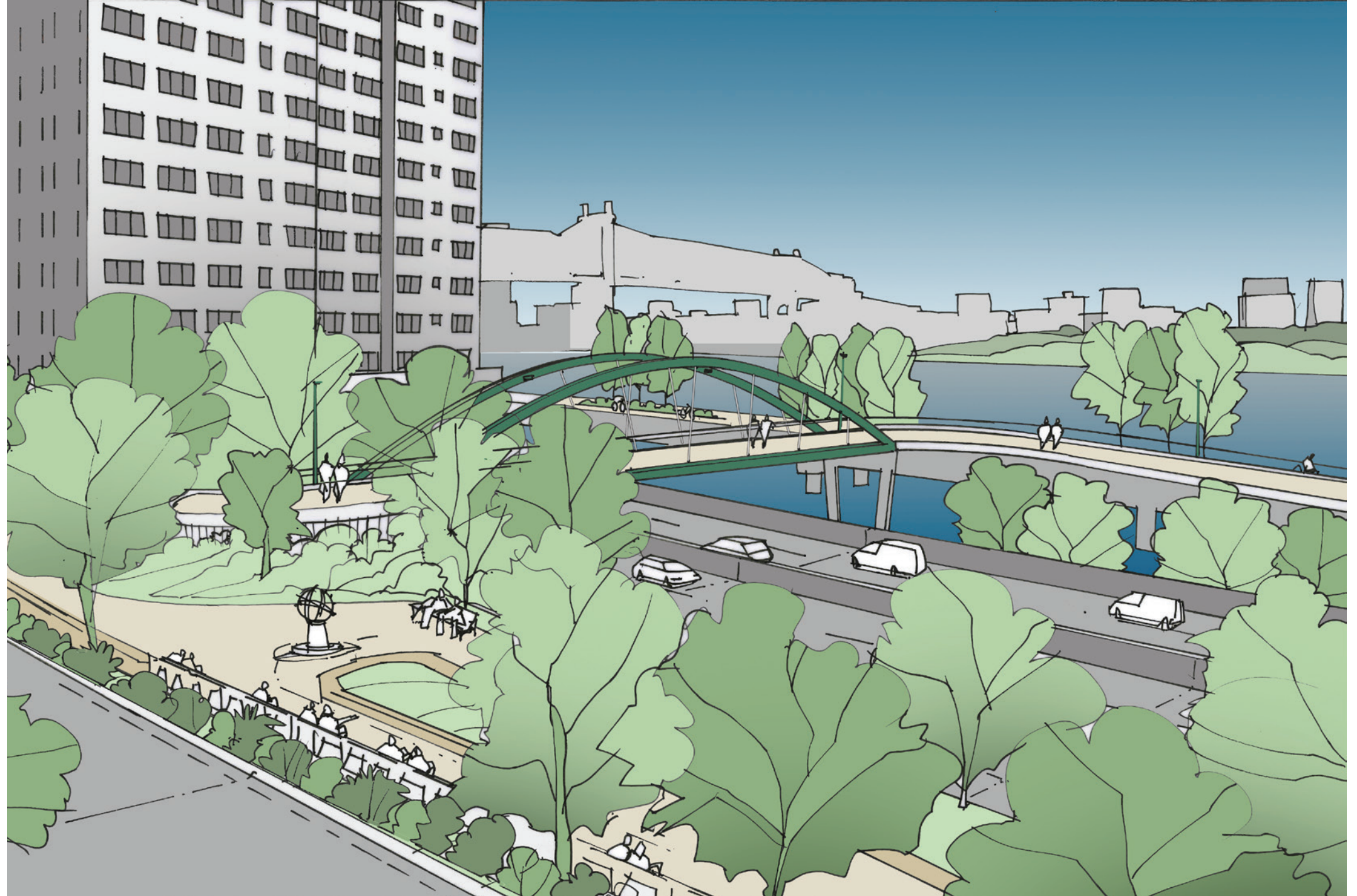
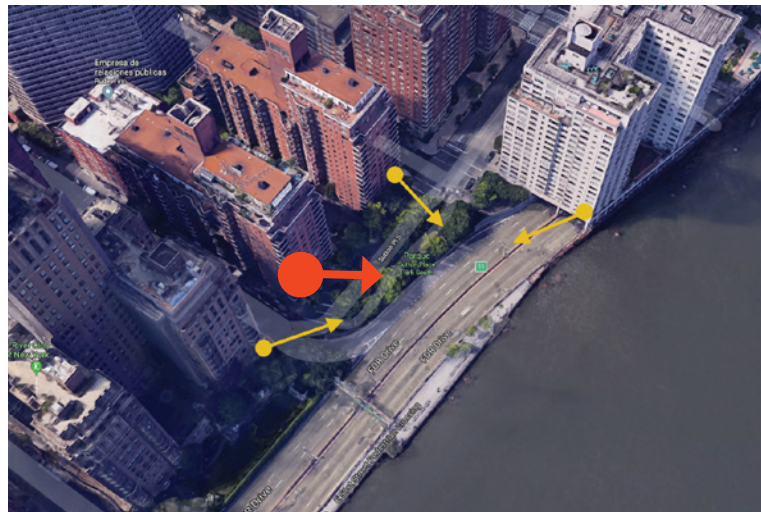
WEST THAMES STREET
Span: ~220'
Height: ~40'

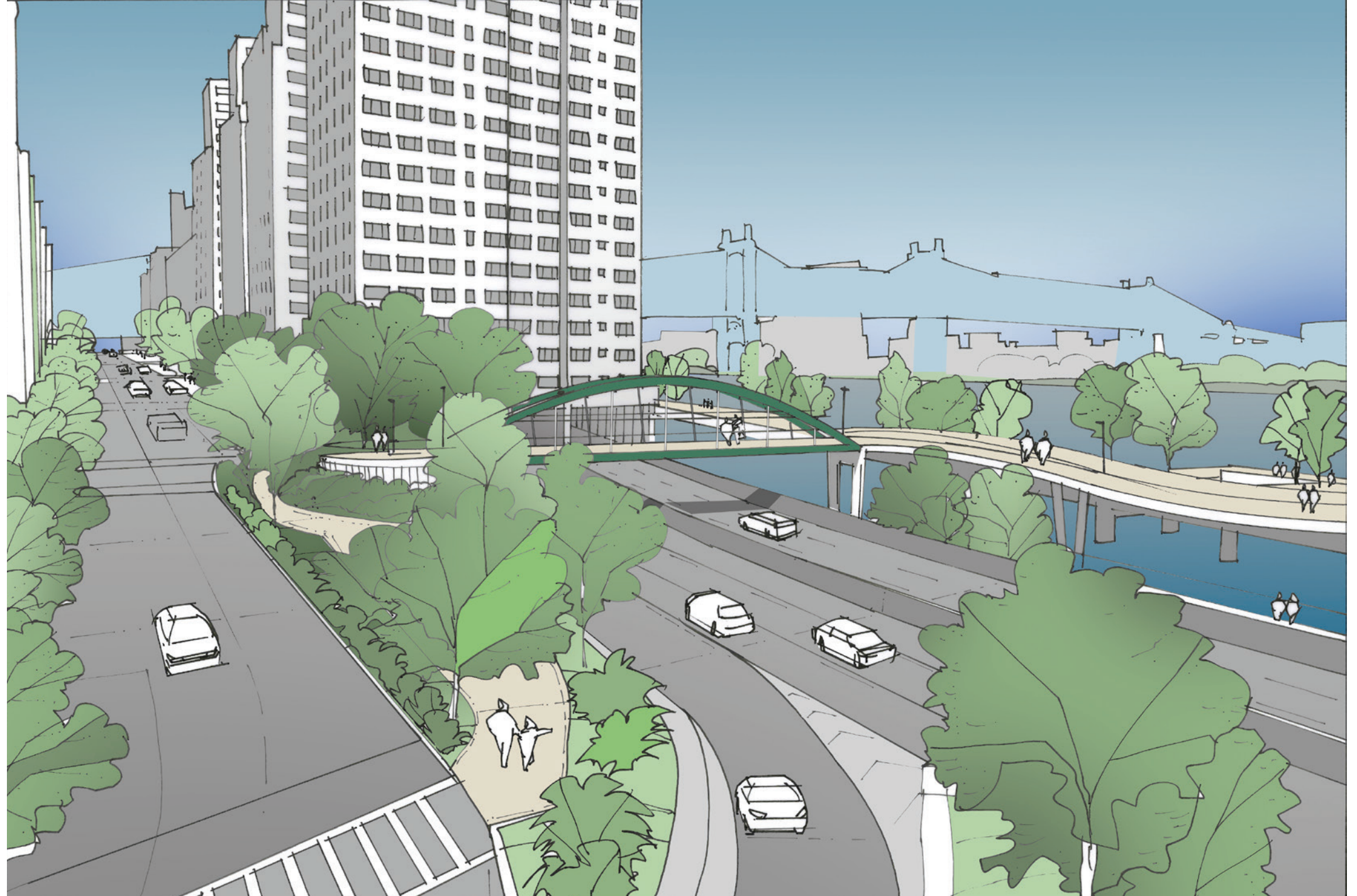
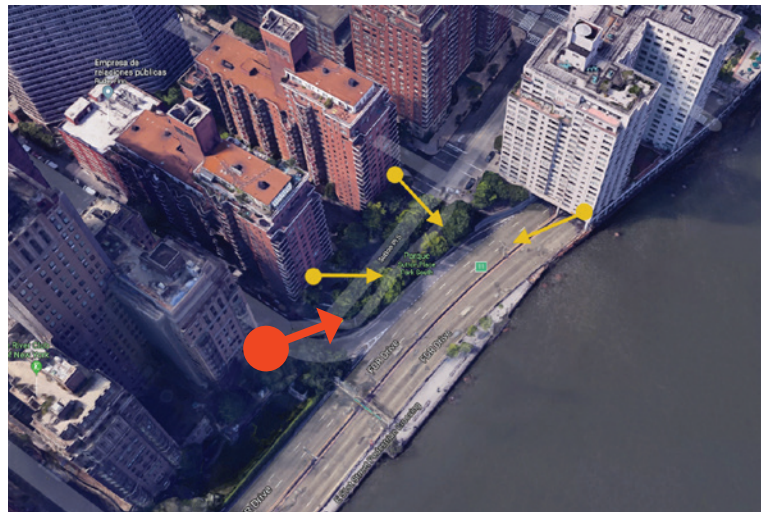


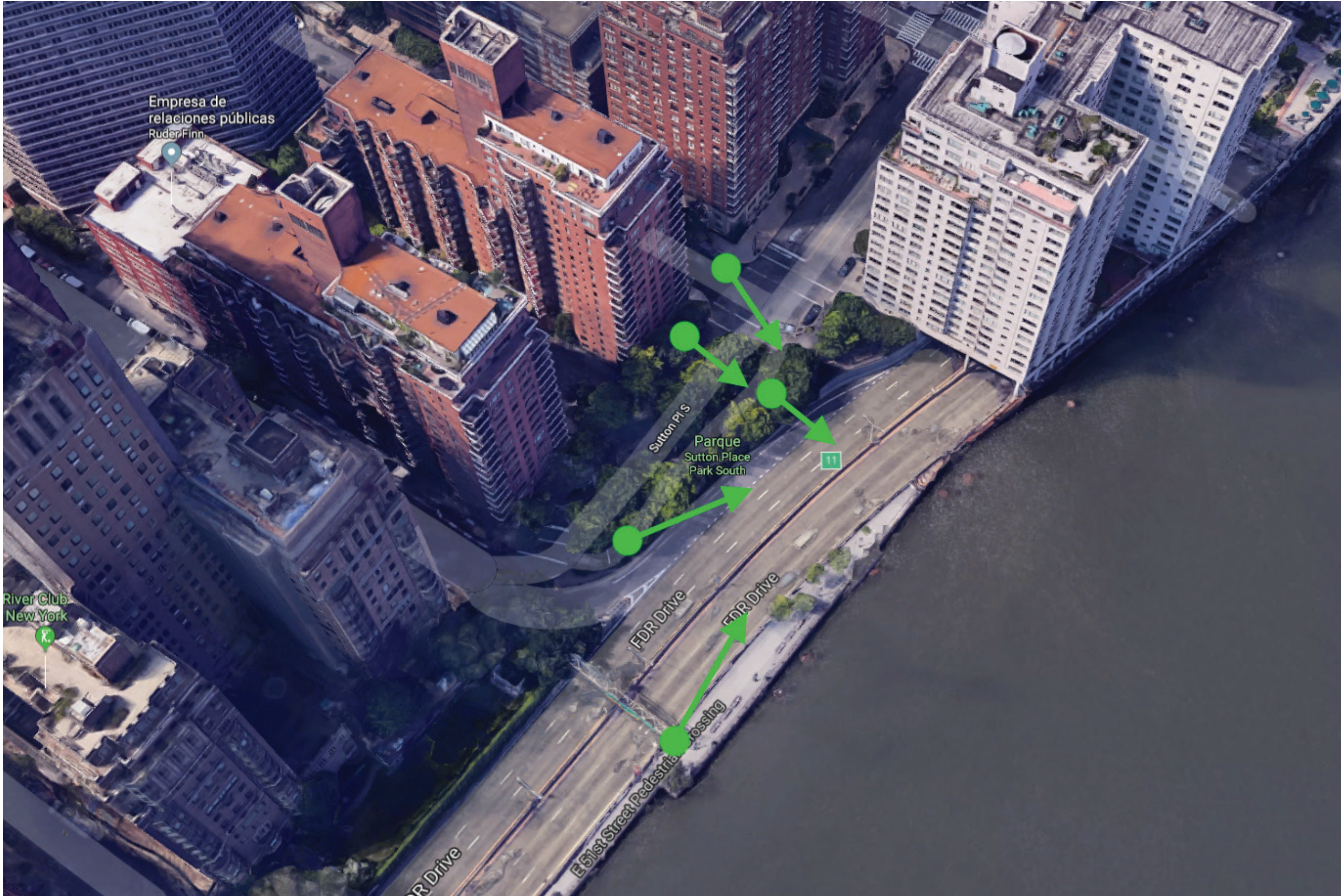












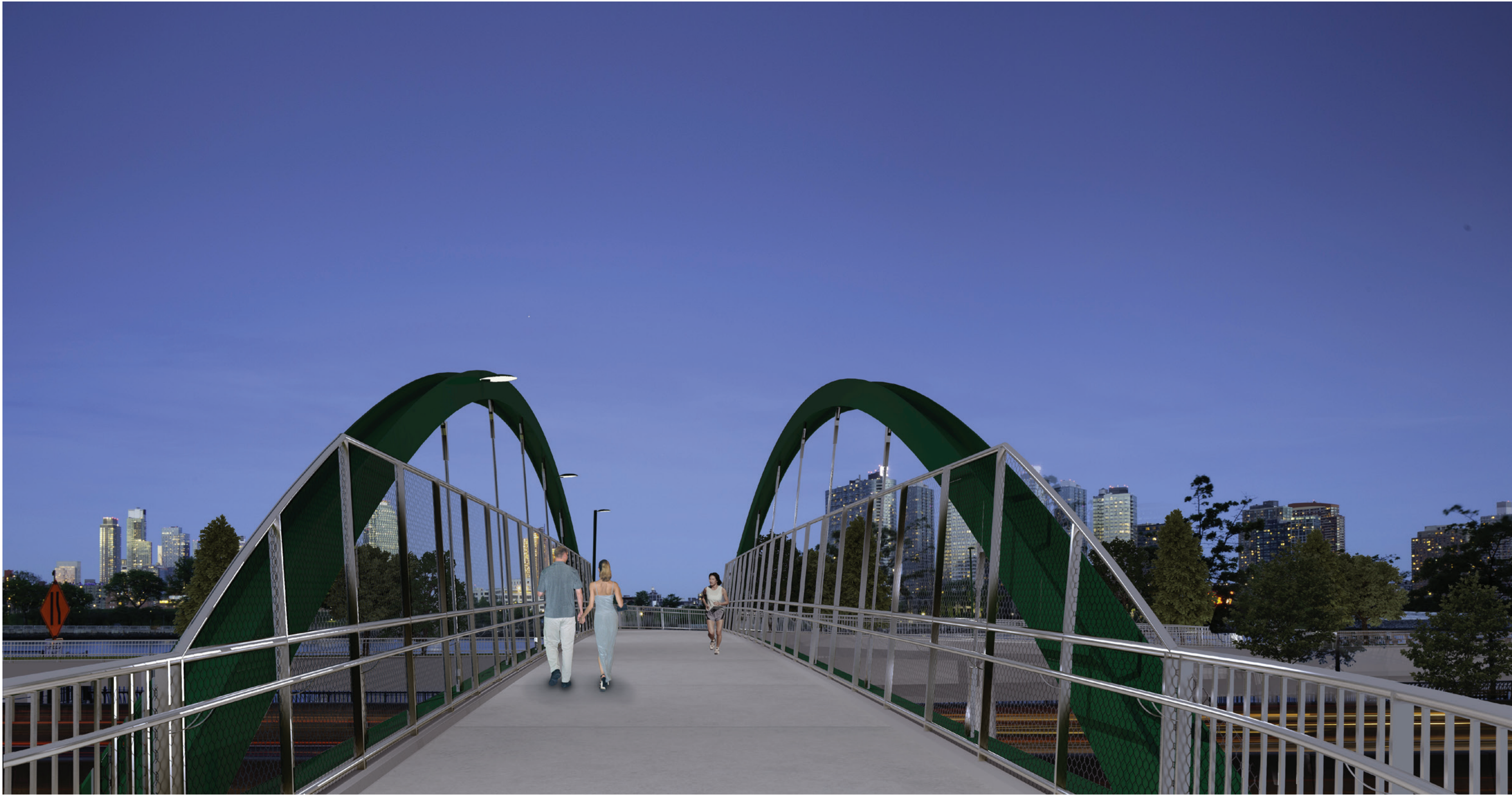




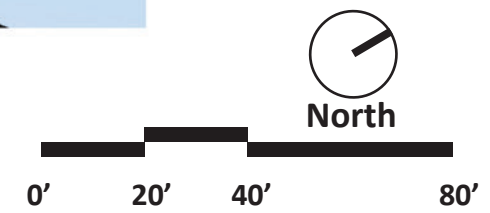
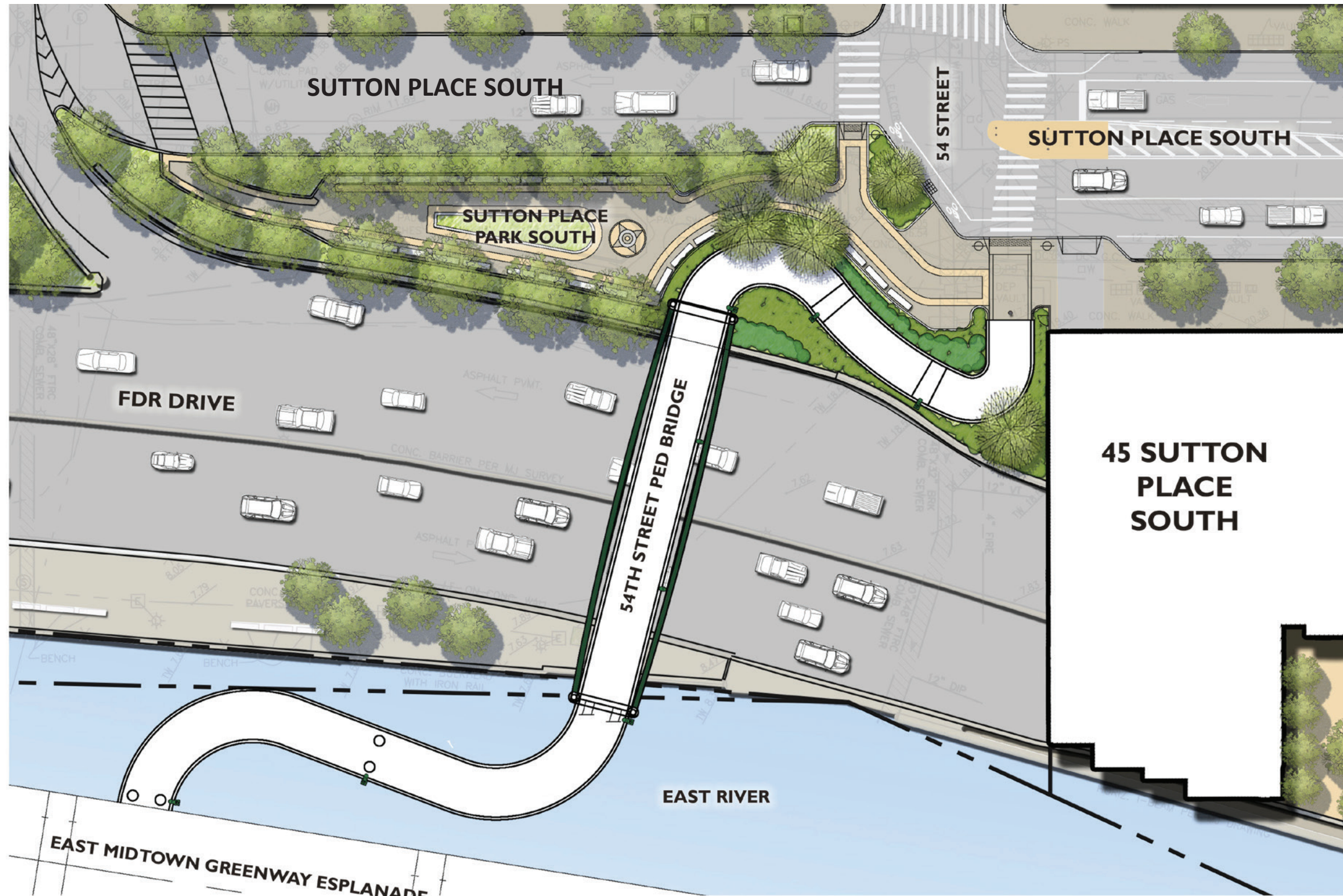












SUTTON PLACE PARK MATERIALS






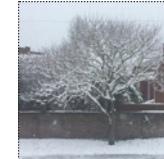




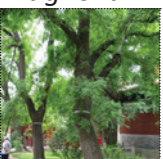


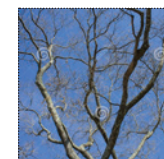
Steel Fence, 3' typical
Color: Black



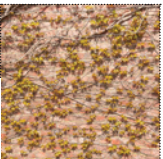

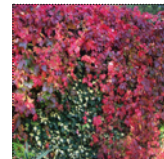
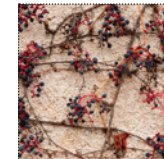


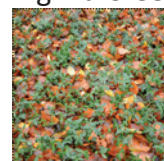



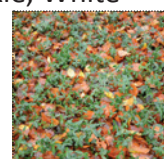

8" Square Asphalt Block
Color: Red

SUTTON PLACE PARK PLANT PALETTE


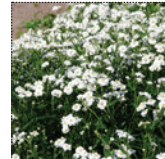






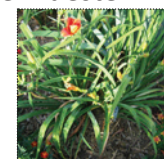

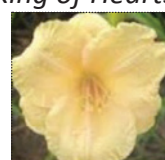

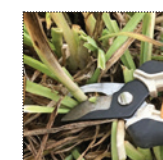

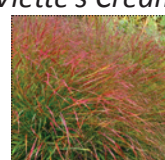

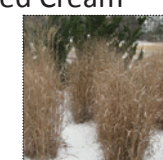








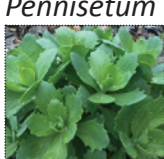

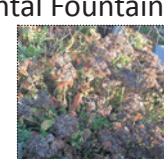
TREES

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


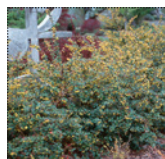
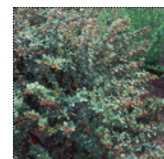




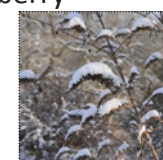



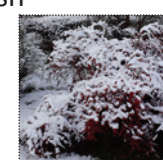



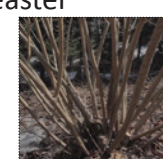
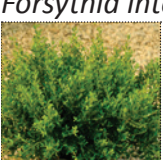


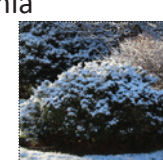



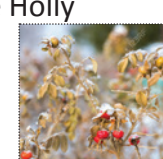






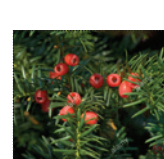
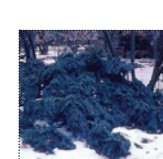




GROUNDCOVERS & VINES

			
<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
Preliminary Design	Summer 2018
Final Design*	Fall 2018 / Winter 2019
EMG Construction Start	2019
EMG Construction Completion	2022



***Review with CB6 and CB8**

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Contact:

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