RIVER TO THE PEOPLE The East River Blueway Plan **Draft Plan Presentation** June 28, 2012 Office of Manhattan Borough President Scott Stringer Office of Assemblymember Brian Kavanagh NYS Dept. of State Division of Coastal Resources **Project Partners: Community Board 3 Community Board 6 Lower East Side Ecology Center** Produced by: WXY architecture + urban design

The East River Blueway Plan

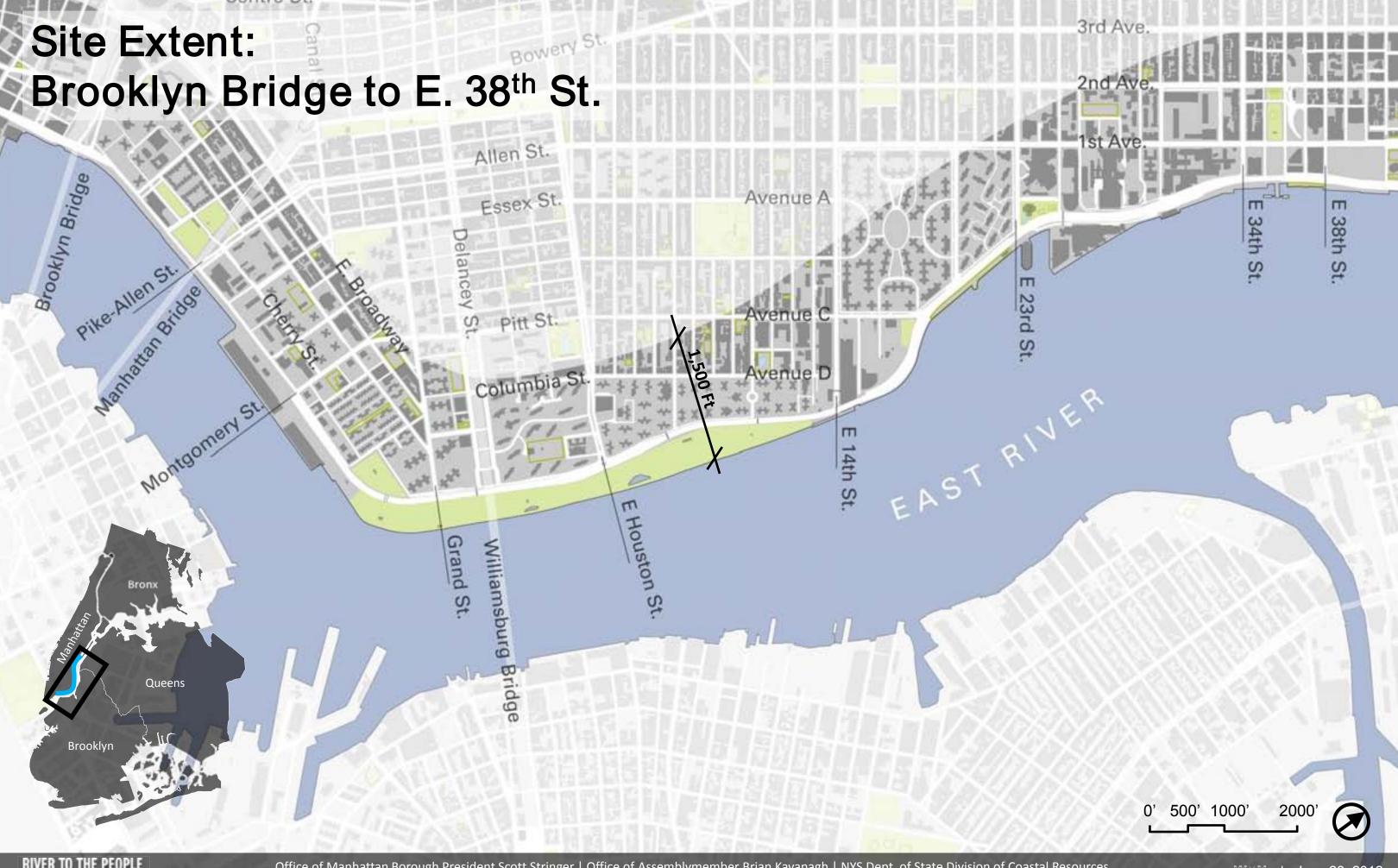
Agenda

- 1/ Introductions
- 2/ Review of Project Schedule
- 3/ Overview of Draft Plan
- 4/ Community Process

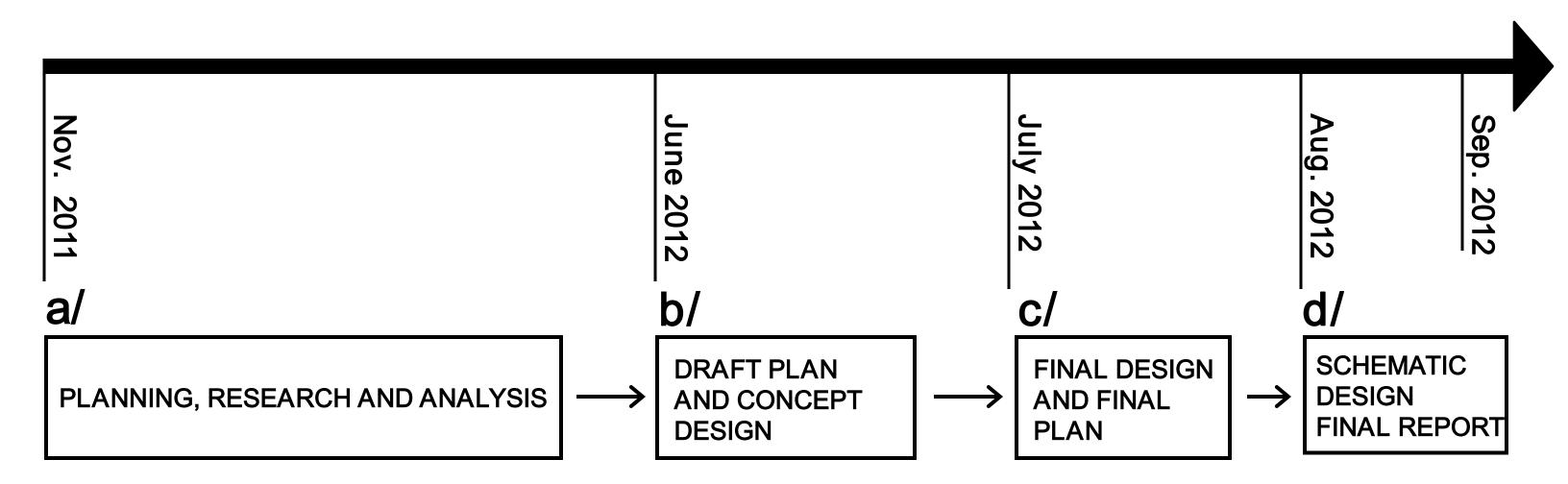
1/ Introduction



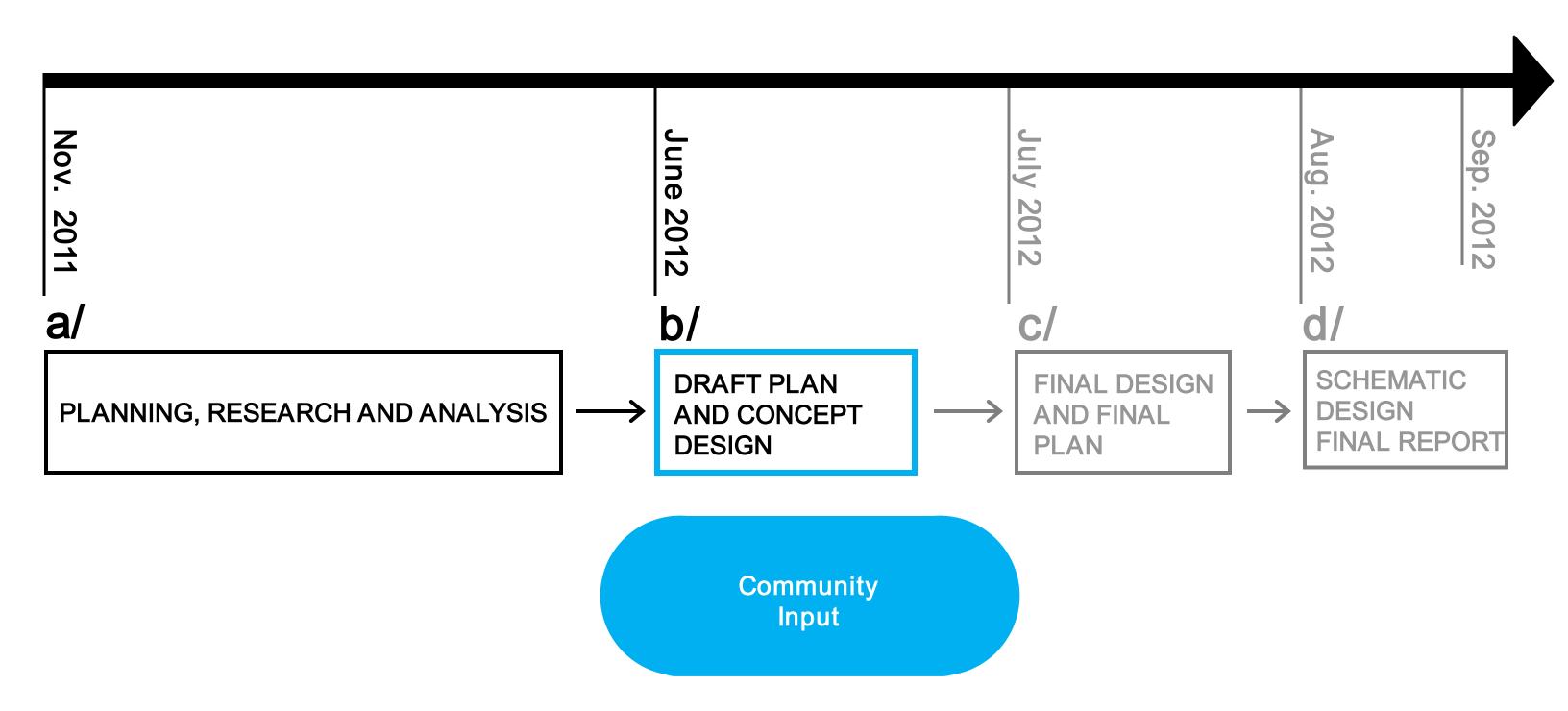
The East River Blueway is a community-based planning initiative that seeks to improve public access to and create activity along Manhattan's East River waterfront between the Brooklyn Bridge and East 38th Street.



Project Schedule



2/ Project Schedule







Goal 1/ Maximize Waterfront Edge Opportunities



Fishing and Lookout Pier / Walkway



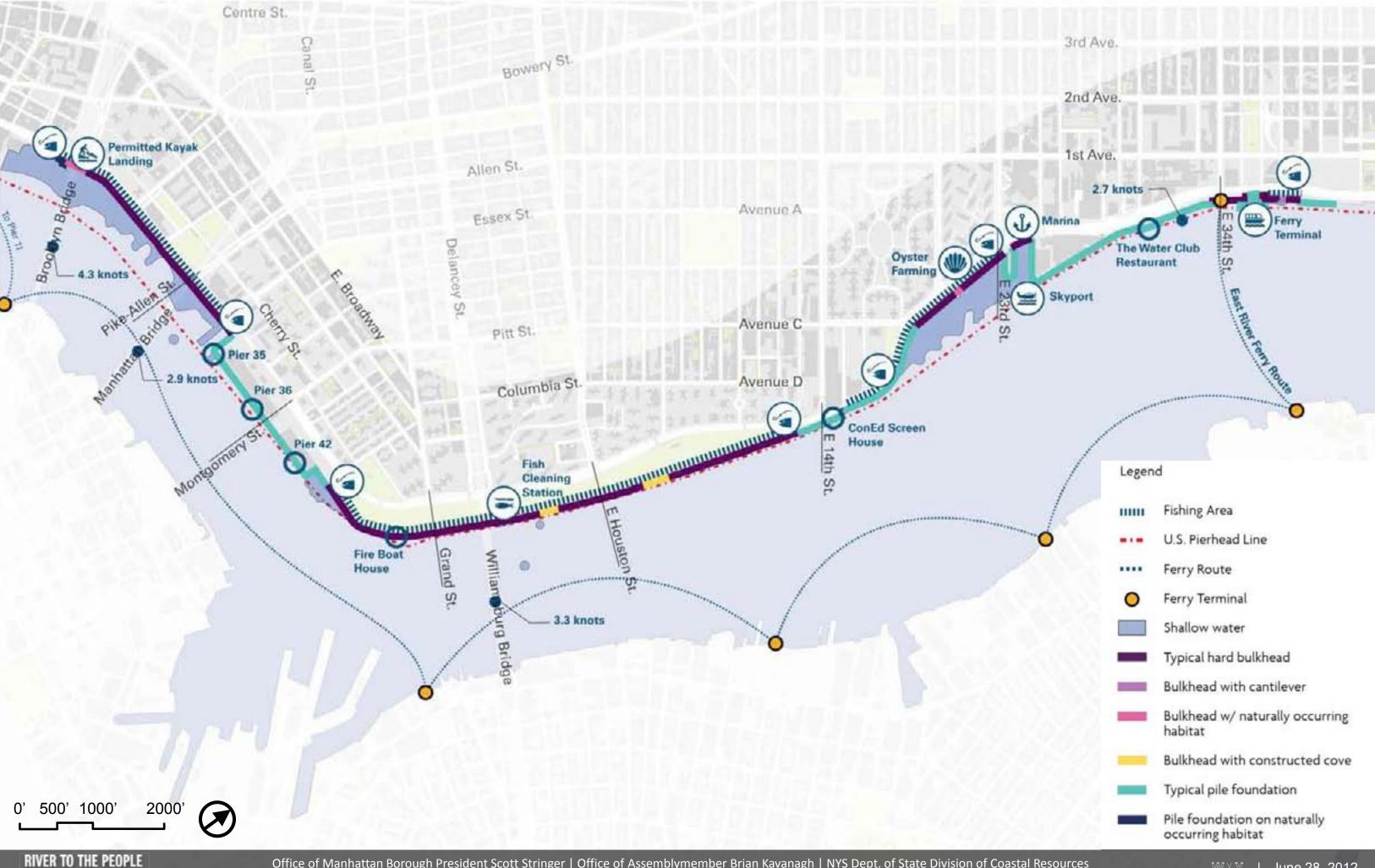
Boating Pier / Dock



Publicly Accessible Beach / Rip-rap



Water-Related Education



Goal 2/ Improve Neighborhood Access



At Grade Crossing / Traffic Control



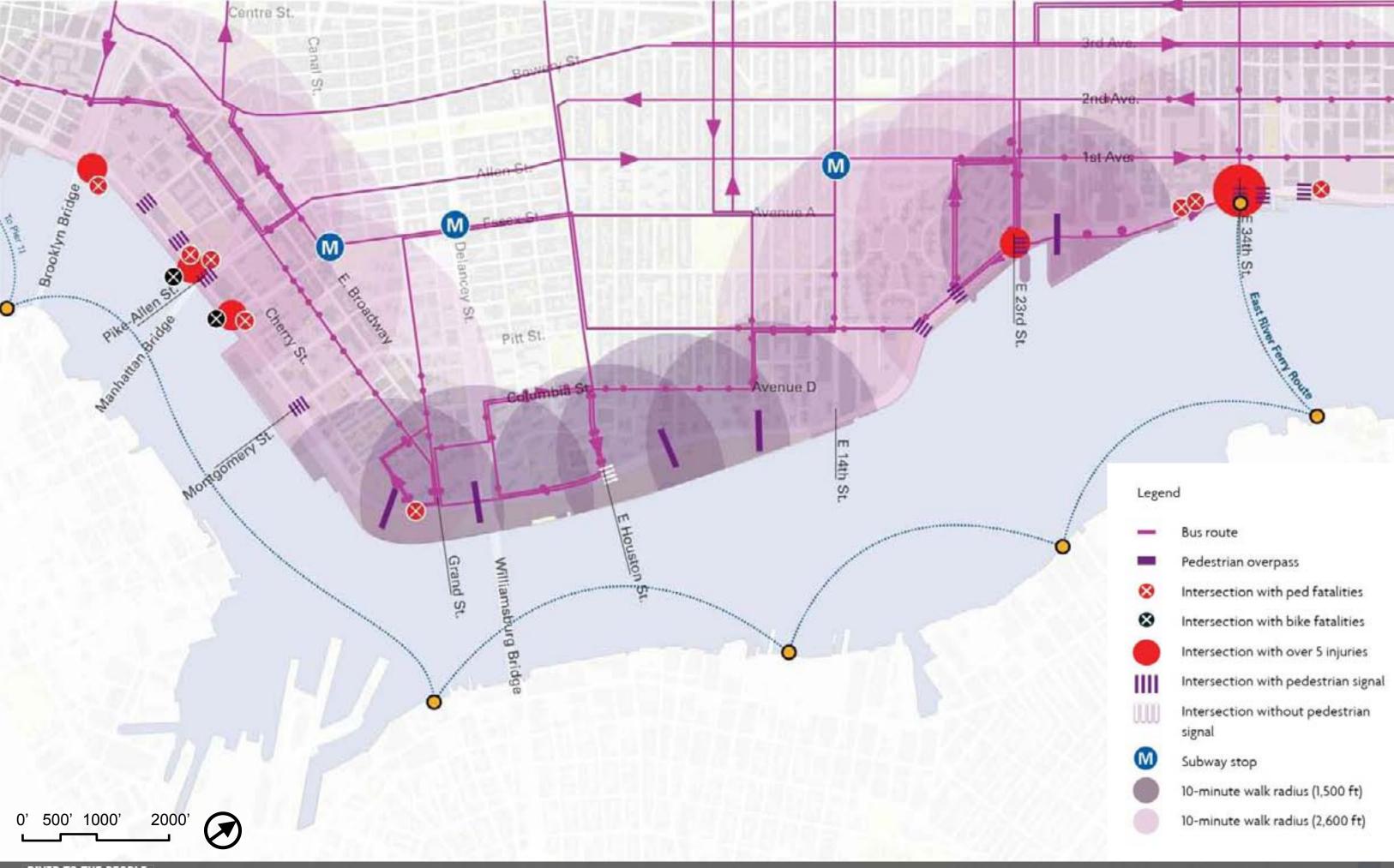
Pedestrian / Bike Overpass



Identity / Event / Wayfinding Signage



Public Transportation Connections



Goal 3/ Improve Waterfront Continuity



Bikeway / Walkway



Waterfront Esplanade



New Events / Uses / Activities



Engaging The Upland Edge



Goal 4/ Improve Environmental Quality



Habitat Restoration



Stormwater Management



Tree Canopy



Air Quality and Noise Control



Goal 5/ A Long-Term Sustainable Vision



Rising Sea Level Planning



Modernizing Infrastructure



Evolving TransportationPriorities



Sustaining Waterfront Neighborhoods

Opportunities A

Brooklyn Bridge to South End of East River Park

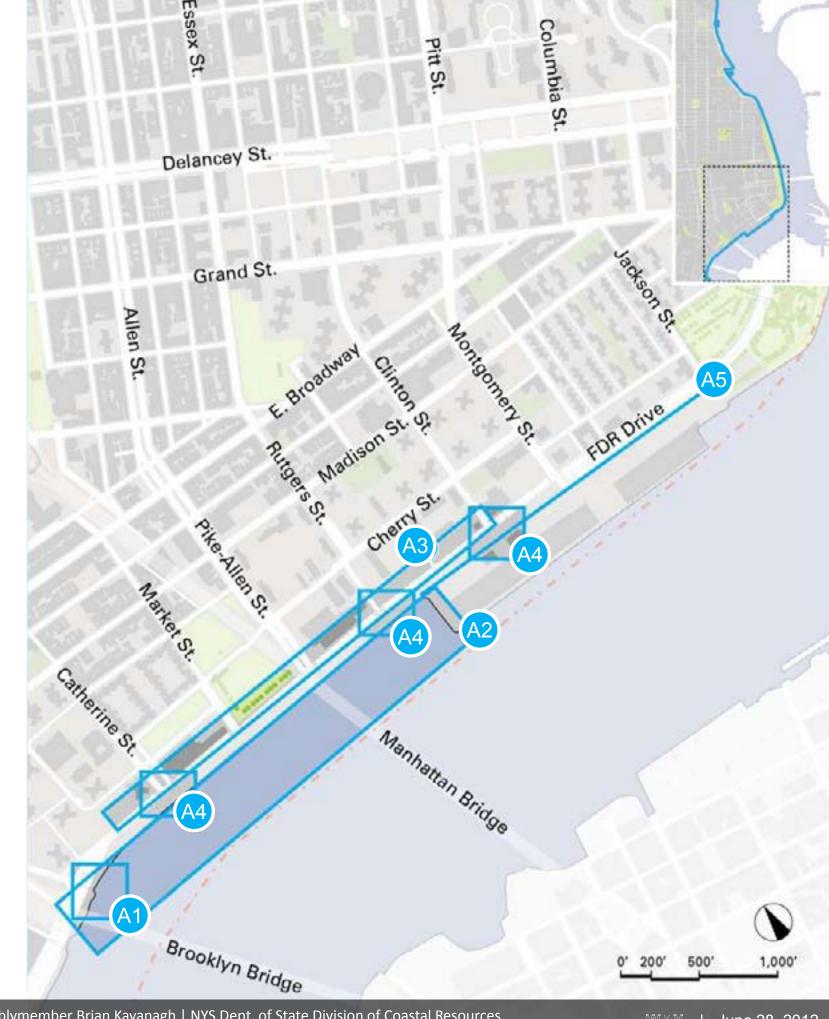
A1. Brooklyn Bridge Beach Habitat Creation and Recreational Opportunity

A2. Increase Esplanade Bulkhead Space for Habitat Creation and Fishing Piers

A3. South Street Improvements Amenities Facing the Waterfront

A4. Traffic Control and Access Along South Street

A5. Bikeway from Pier 35 to East River Park Bikeway Connections and Crosswalks (Planned)



A1/ Brooklyn Bridge Beach



Create a landing and launch site for boating

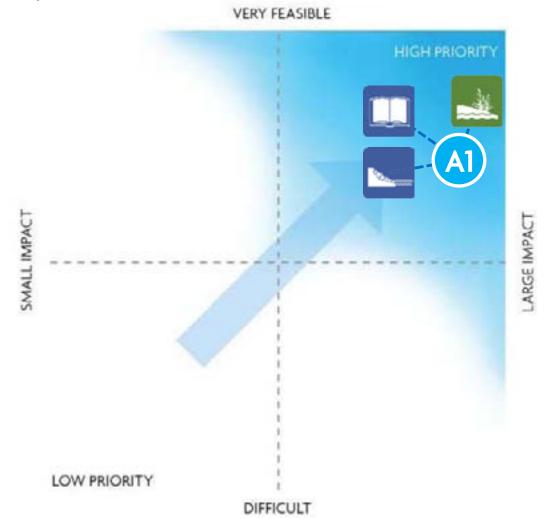


Allow access to touch and learn about the water



Create an intertidal salt marsh

Priority Graph







A2/

Increase Esplanade Bulkhead Space



Create new fishing piers along FDR shading (planned)



Widen waterfront esplanade



Install temporary public art projects



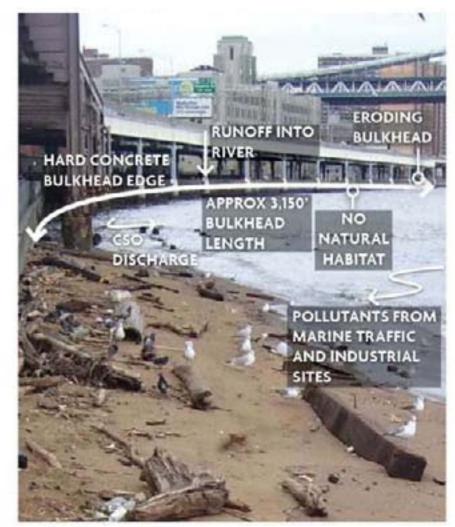
Soften edge and create new habitat



Incorporate green infrastructure like bioswales

Priority Graph











A3/

South Street Frontage Plan



Improved bus transportation



Encourage pedestrian related uses on South Street



Improve South Street for walking along and across



Install temporary art projects like murals



Plant new street trees and improve opportunities for green infrastructure

Priority Graph









A4/

Traffic control and access along South Street



Traffic calming on South St. (includes planned Rutgers slip traffic light)

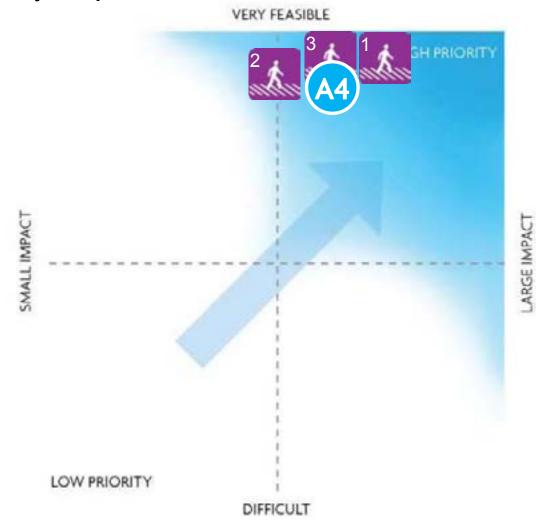


Raised table at Rutgers Slip and Pike-Allen St.



Crosswalk and Ped signal at Robert Wagner Pl and Clinton St.

Priority Graph









A5/

Bikeway from Pier 35 to East River Park (Planned)



Add wayfinding to park and amenities



Segregate bike and peds

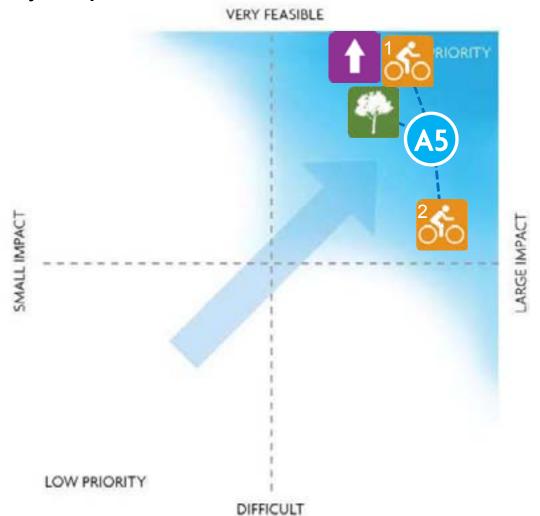


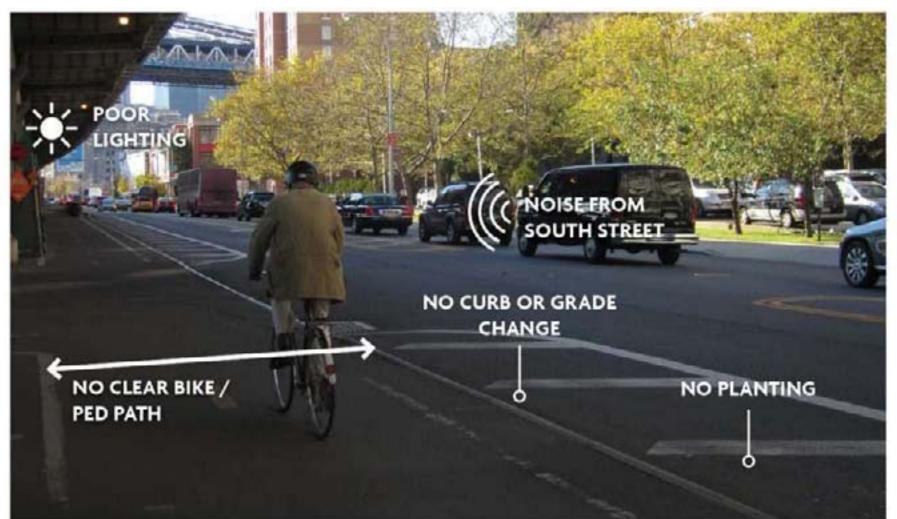
Add curb to separate from traffic



Add trees

Priority Graph





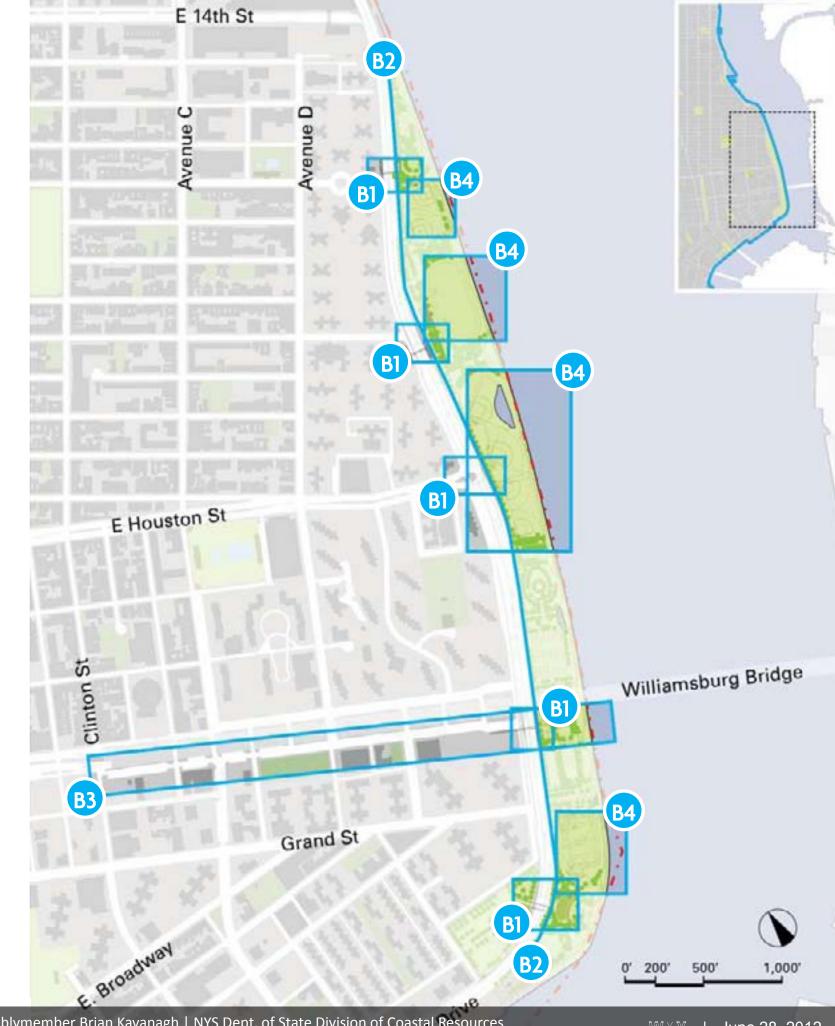




Opportunities B

East River Park

- B1. Overpasses to East River Park and Waterfront
- B2. East River Park Road as Greenway
- B3. Delancey Street Connection to the Waterfront
- B4. East River Park Ballfields Stormwater Storage



B1.1/

Overpasses to East River Park and Waterfront



Increase types of access and visibility to overpass



Create Park-like bridge that integrate with parks



Integrate signage and wayfinding

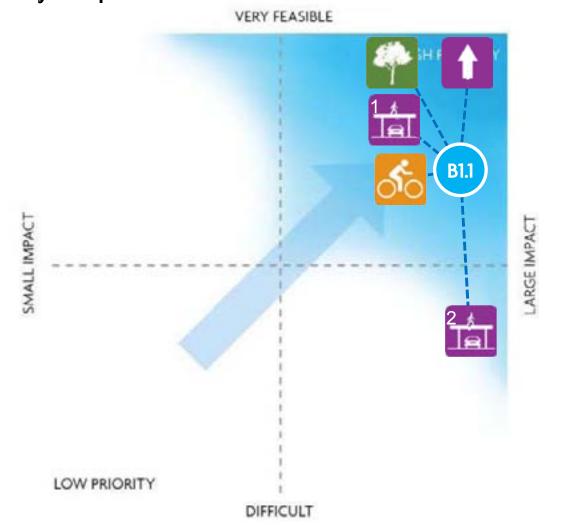


Improve bike access



Complete tree canopy

Priority Graph



Corlears Hook Overpass Issues Diagram





B1.2/

Overpasses to East River Park and Waterfront



Improve overpass landing conditions (lighting, access)

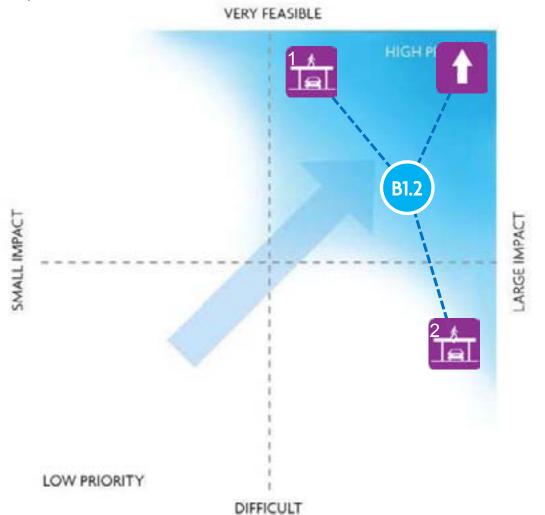


New overpass (wider, accommodate bikes and peds, lead to waterfront)



Intergrate signage and wayfinding with overpass

Priority Graph



Delancey St. Overpass Issues Diagram





B1.3/

Overpasses to East River Park and Waterfront



Improve safety of ramps add signalization



Create visibility with ballfield overlook

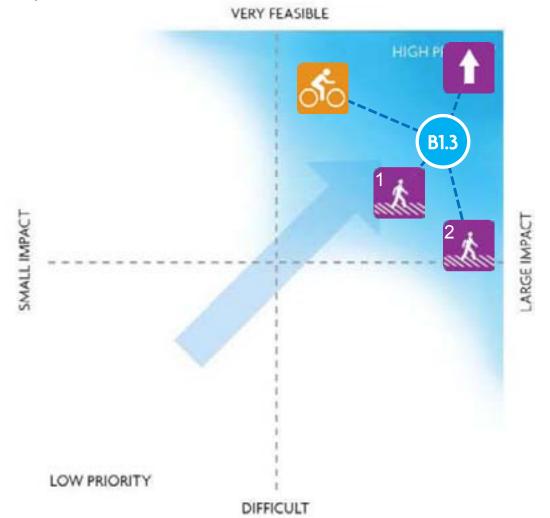


Intergrate signage and wayfinding

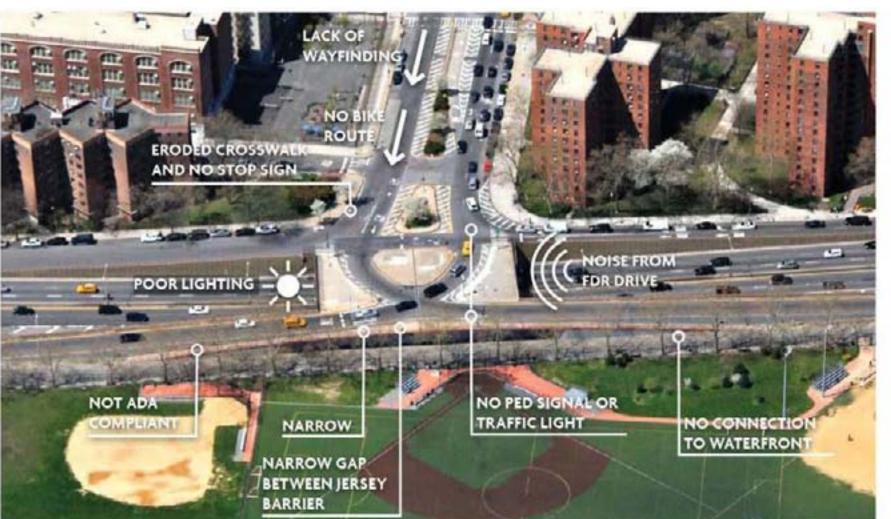


Add bike lane on E. Houston St. and improve bike access to greenway

Priority Graph



E. Houston St. Overpass Issues Diagram





B1.4/

Overpasses to East River Park and Waterfront



Improve overpass landing conditions (lighting, access)



New overpass (wider, accommodate bikes and peds, and provide rest area and viewing platform)



Intergrate signage and wayfinding with overpass

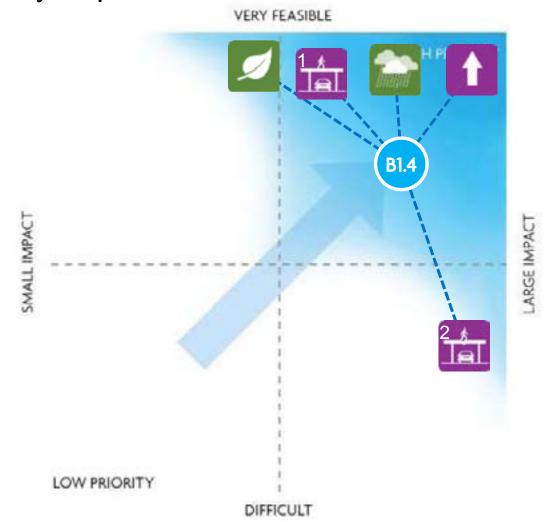


Incorporate a rain garden

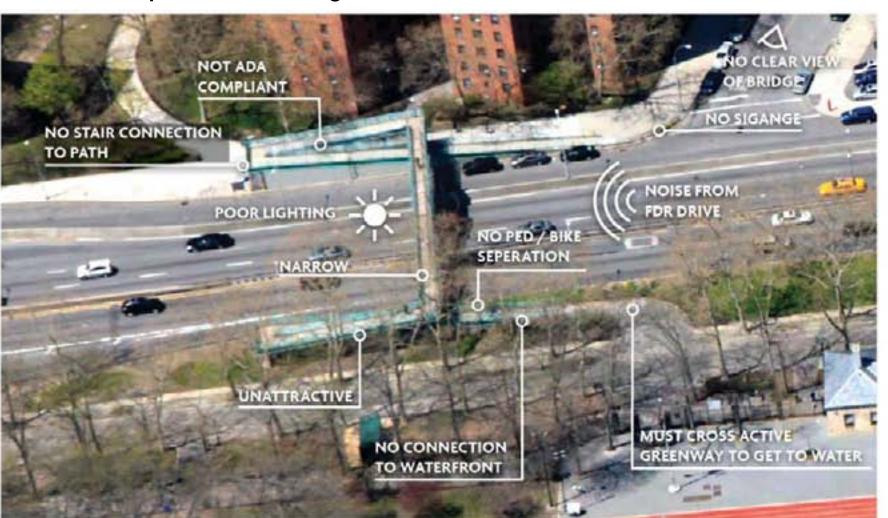


Incorporate a planted noise barrier

Priority Graph



E. 6th St. Overpass Issues Diagram





B1.5/

Overpasses to East River Park and Waterfront



Improve overpass landing conditions (lighting, access)



New overpass (start at E. 10th St., accommodate bikes and peds, and provide rest area / viewing platform)

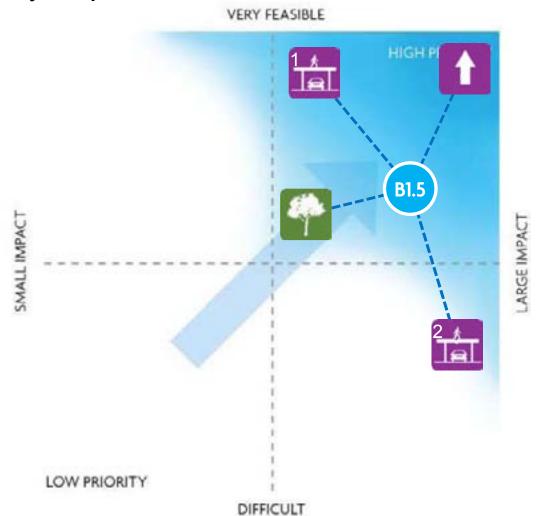


Intergrate signage and wayfinding



Add planting and seating space

Priority Graph



E. 10th St. Overpass Issues Diagram





B2/

East River Park Road as Greenway



Add wayfinding to park entrances and amenities



Improve surface quality and drainage



Segregate bike, peds, and maintenance vehicles



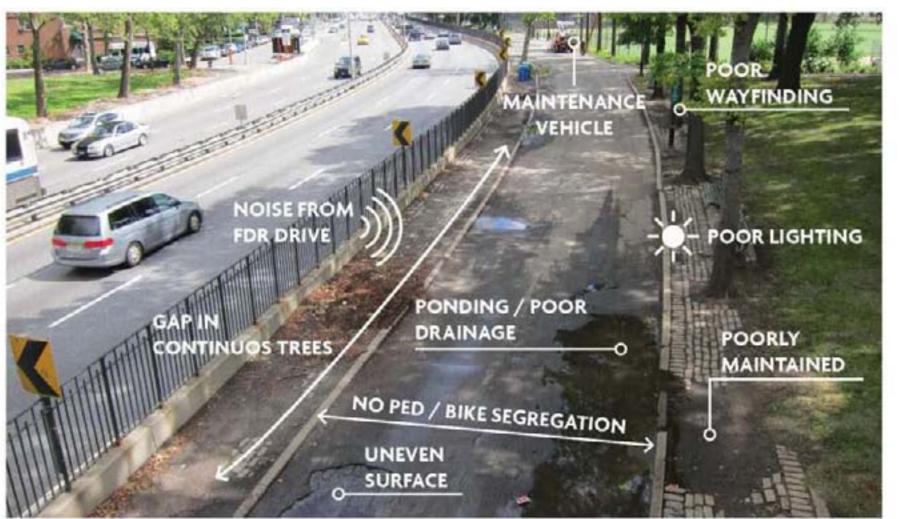
Add trees



Add noise barrier

Priority Graph









B3/

Delancey Street Connection to the Waterfront



Add water taxi location



Improve the ped bridge



Add a ped bridge that goes right to the water

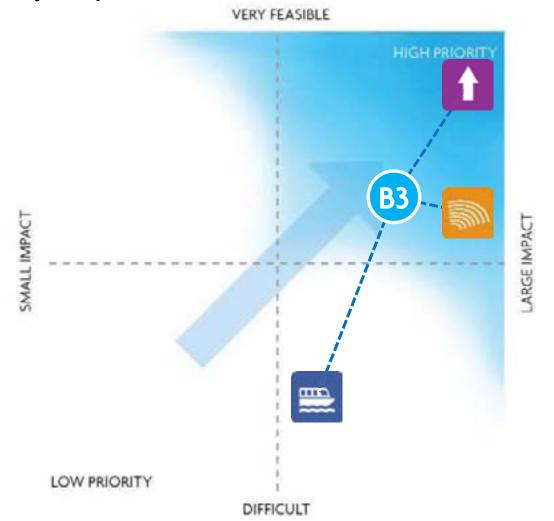


Add wayfinding to park



Create a pedestrian and bicycle friendly environment all the way to the water.

Priority Graph









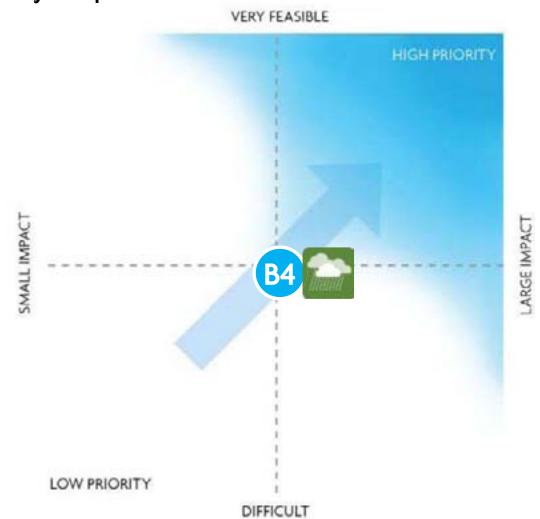
B4/

East River Park Ballfields Stormwater Storage



Install stormwater storage facility

Priority Graph







Opportunities C

North End of East River Park to Waterside Plaza

- C1. E. 14th St. Flyover
- East River Park/Esplanade Pinchpoint
- C2. New Edge and New 16th to 18th Street Esplanade
- C3. Esplanade Bulkhead Habitat Creation in Stuyvesant Cove
- C4. Stuyvesant Cove Waterfront Recreation Activities
- C5. Stuy Cove Marina and Skyport Garage Public Uses
- C6. Public/ Event accommodation spaces
- C7. Increasing Crossings to Stuyvesant Cove
- C8. Parking planning
- Short term -Green Infrastructure in Parking Area Under FDR Viaduct by Stuyvesant Cove
- Long term other uses



C1/

Esplanade Pinchpoint



E. 14th St. Flyover

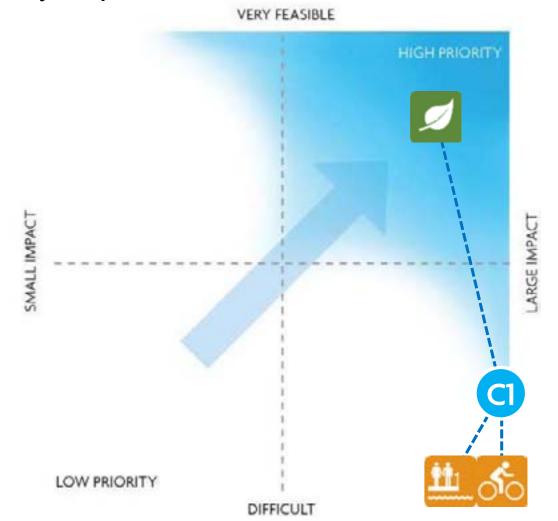


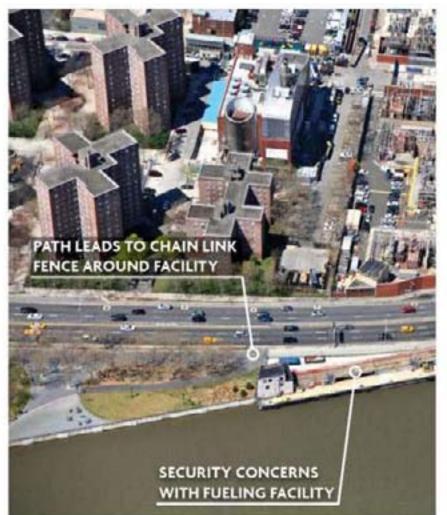
Provide a view of the waterfront



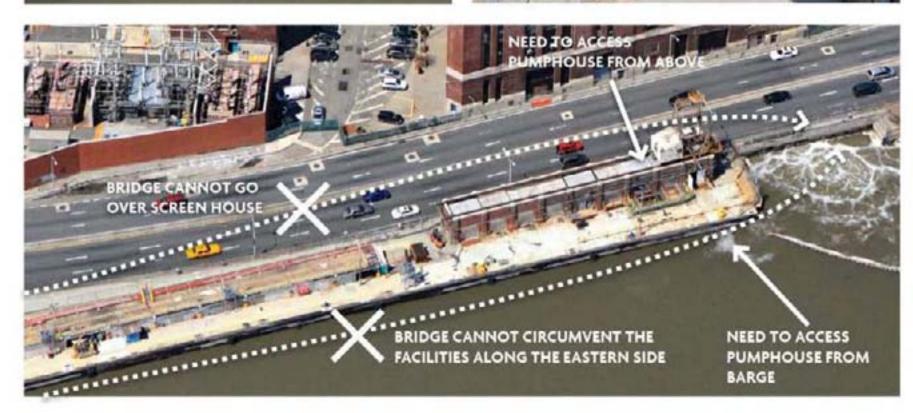
Add noise barrier and improve lighting

Priority Graph









C2/

New 16th to 18th Street Esplanade and Edge



Create multiple walkways and lookout platforms



Integrate wayfinding signage



Widen esplanade to accommodate bikes and peds

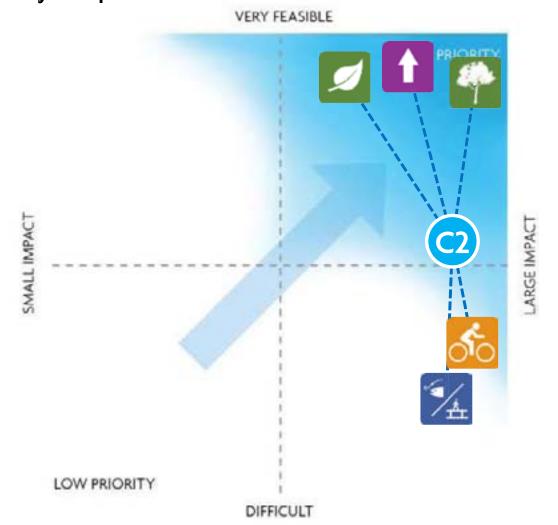


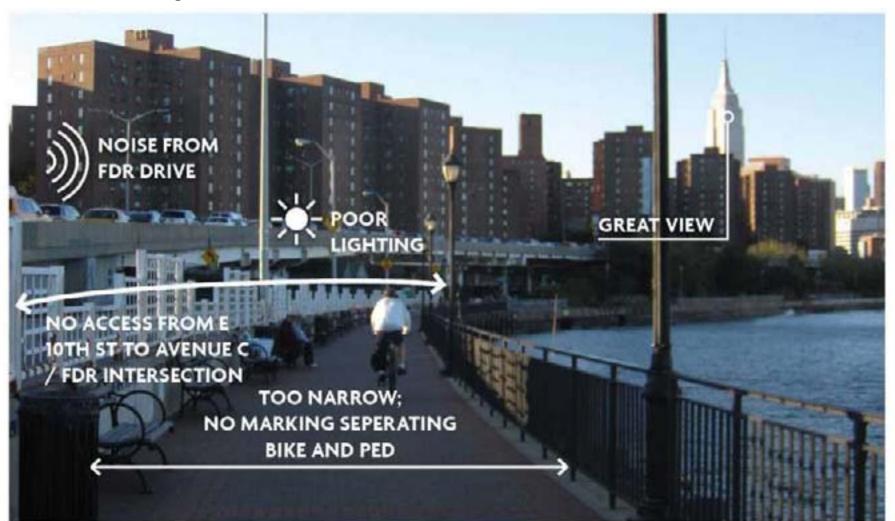
Add trees and planting

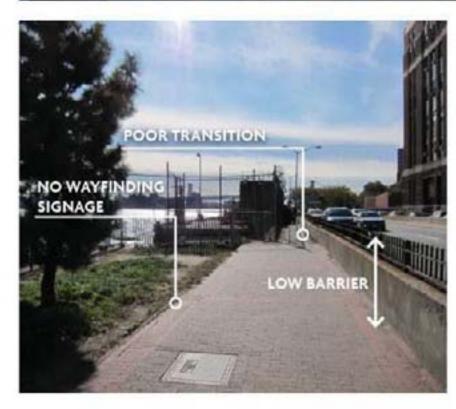


Add noise barrier and improve lighting

Priority Graph









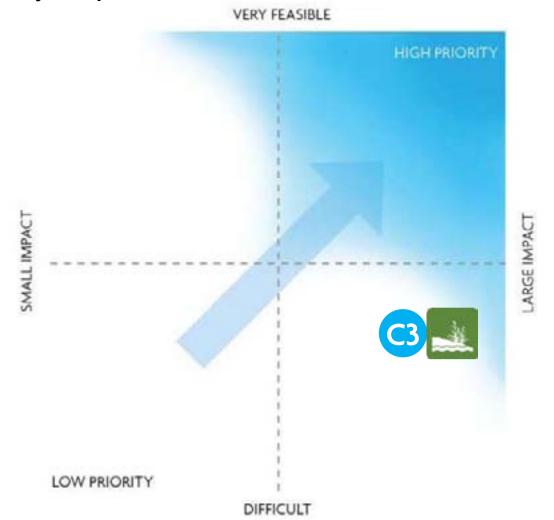
C3/

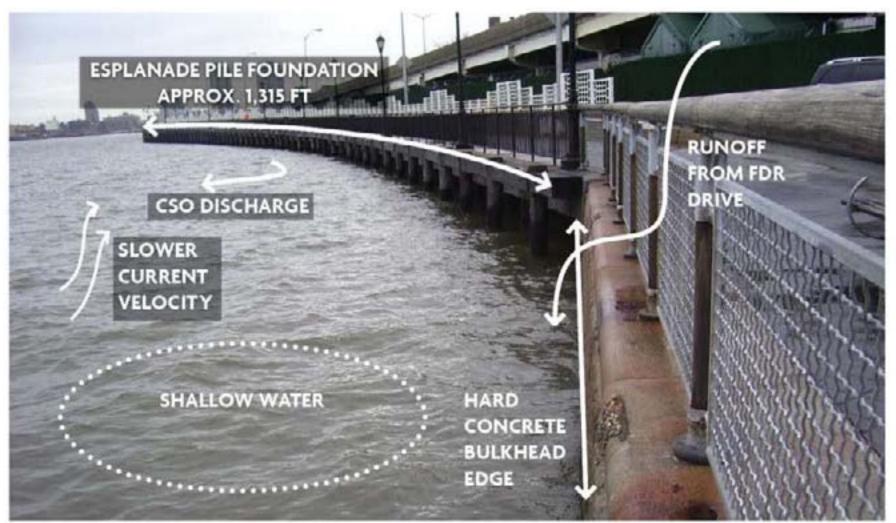
Esplanade Bulkhead Habitat Creation in Stuy Cove

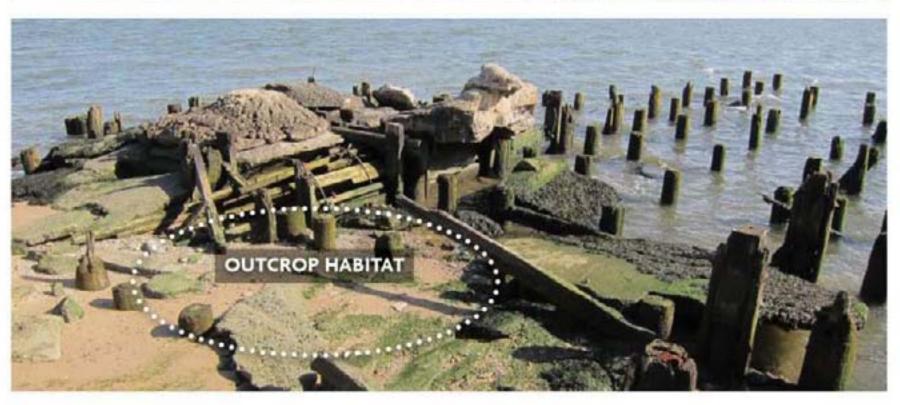


Create an intertidal salt marsh

Priority Graph







C4/

Stuyvesant Cove Waterfront Activities



Build fishing and lookout piers



Create a landing and launch site for boating (e.g. spud barge)

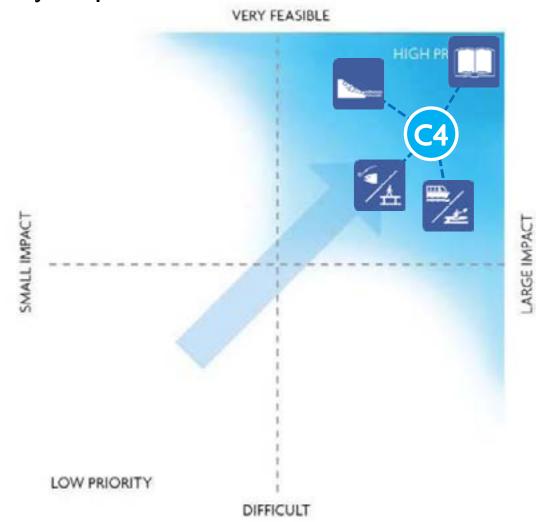


Create a floating pool

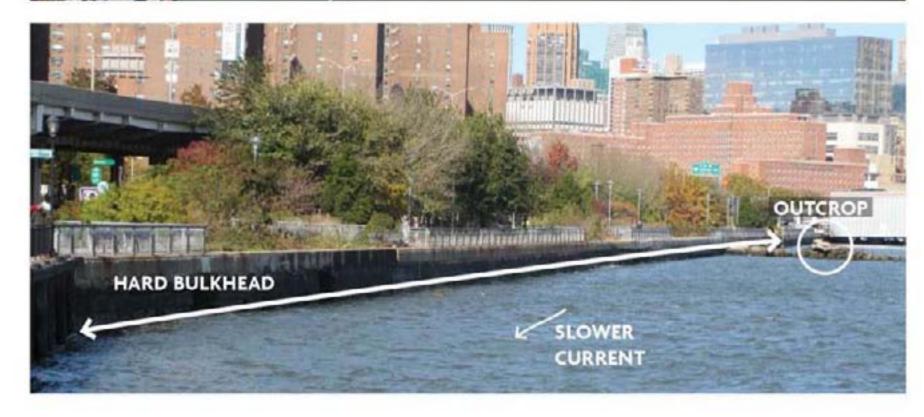


Integrate water-related education

Priority Graph







C5/

Public/ Event Accommodation Spaces

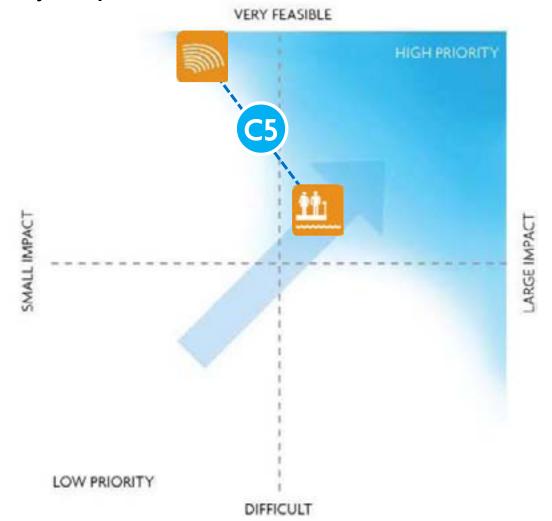


Expand esplanade to accommodate public events



Incorporate new public programs and events

Priority Graph









C6/

Marina and Skyport Garage Public Uses



Make marina public

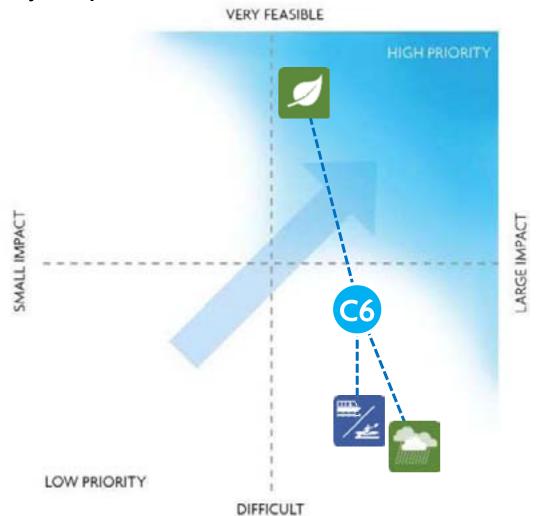


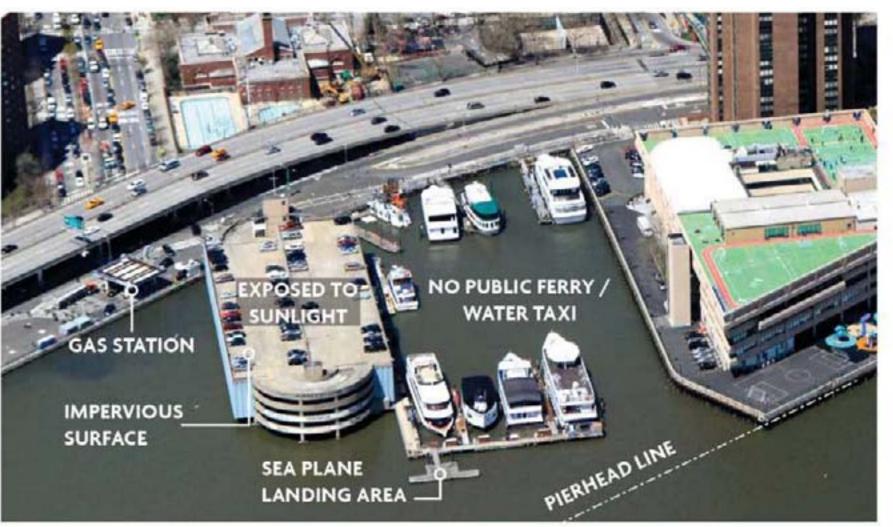
Incorporate stormwater detention facility



Install electric vehicle charging station

Priority Graph







C7.1/

Upland Access Crosswalks into Stuyvesant Cove



Repaint crosswalks add pedestrian refuge



Add pedestrian signals where there isn't one



Add wayfinding to park

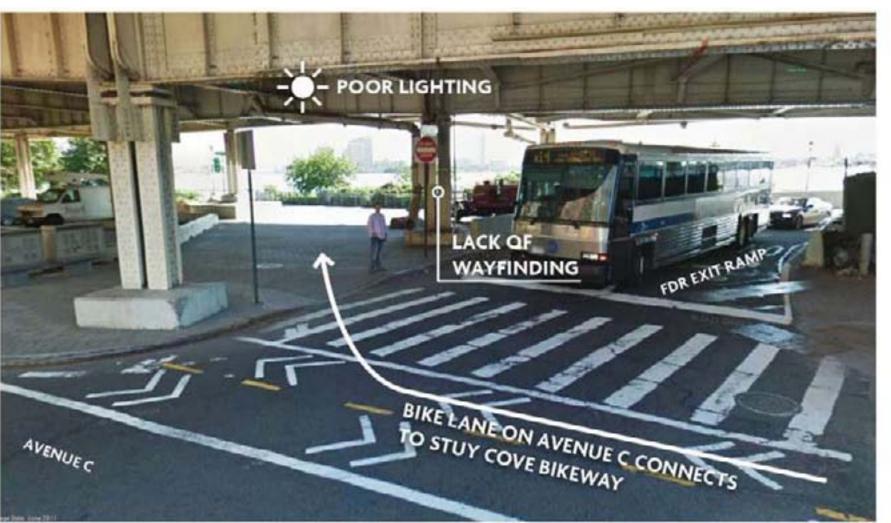


Improve bicycle access through bike signals

Priority Graph



Avenue C Intersection Site Issues Diagram







C7.2/

Upland Access Crosswalks into Stuyvesant Cove



Repaint crosswalks add pedestrian refuge



Add pedestrian signals where there isn't one

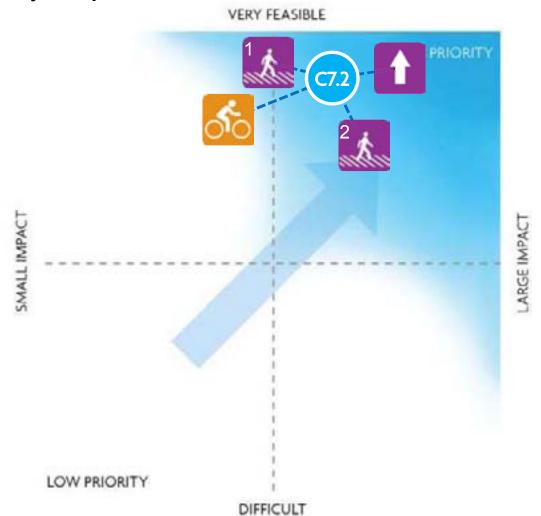


Add wayfinding to park



Improve bicycle access through bike signals

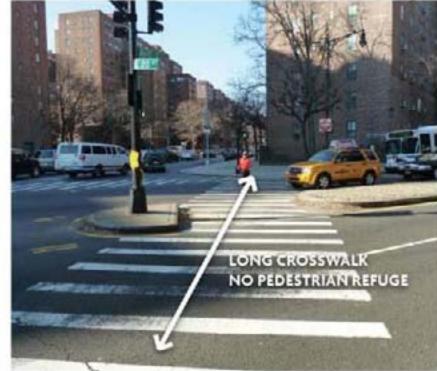
Priority Graph



E. 20th Street Intersection Site Issues Diagram







C7.3/

Upland Access Crosswalks into Stuy Cove



Repaint crosswalks add pedestrian refuge



Add pedestrian signals where there isn't one



Add wayfinding to park



Improve bicycle access through bike signals

Priority Graph



E. 23rd Street Intersection Site Issues Diagram







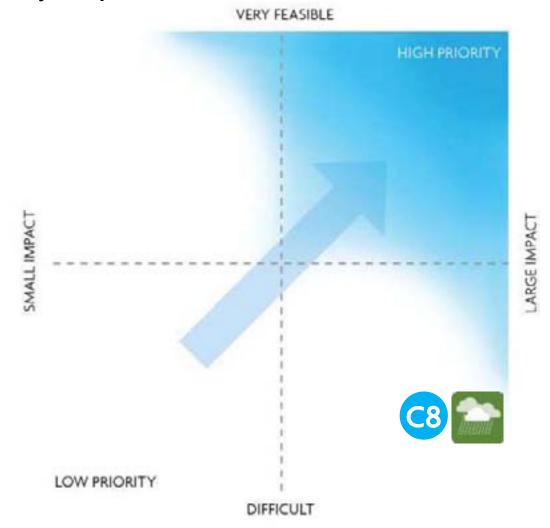
C8/

Parking Area Under FDR Viaduct by Stuy Cove

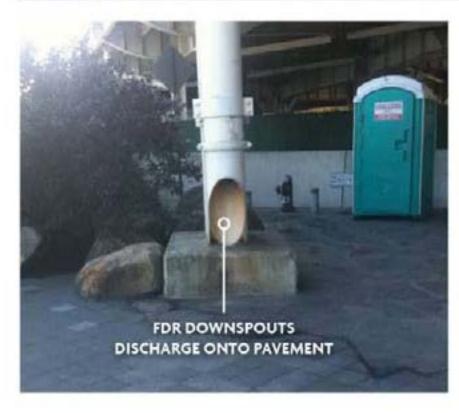


Incorporate green infrastructure like bioswales

Priority Graph





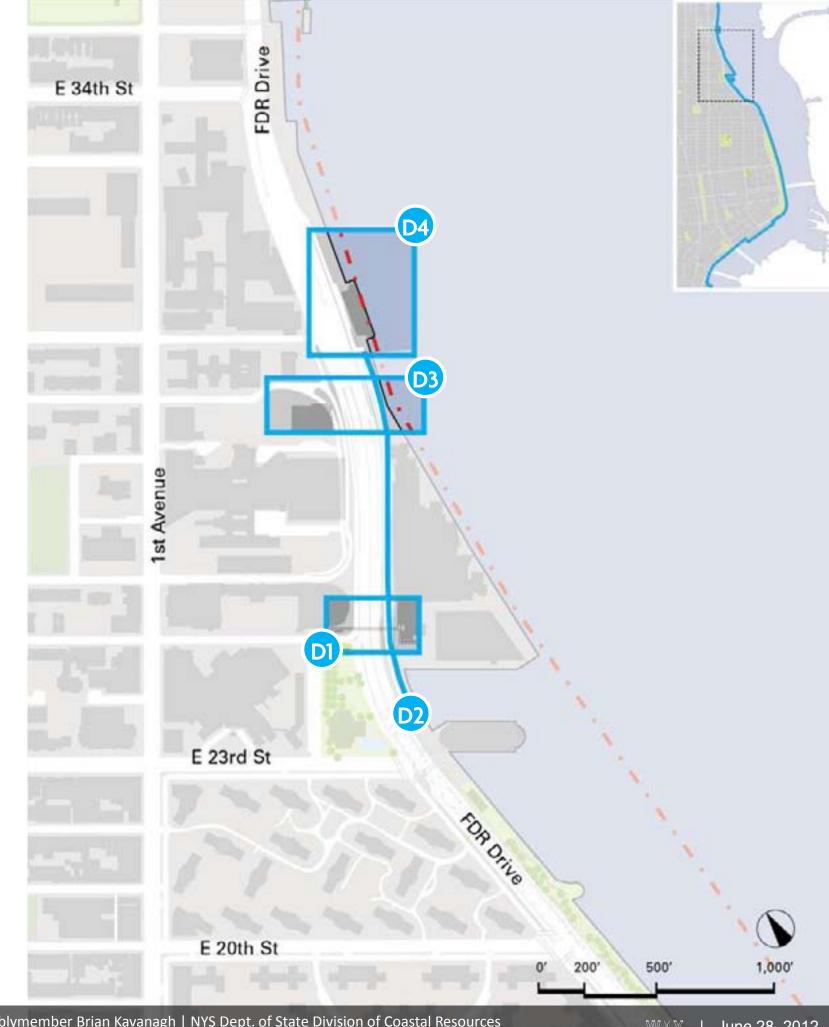




Opportunities D

Waterside Plaza to Water Club Restaurant

- D1. E. 25th Street Pedestrian Bridge
- D2. Bikeway Continuity from E. 23rd to E.34th St.
- D3. Upland Access at E. 29th St.
- D4. Water Club Restaurant Esplanade



D1/

E. 25th St. Pedestrian Bridge



Improve existing overpass

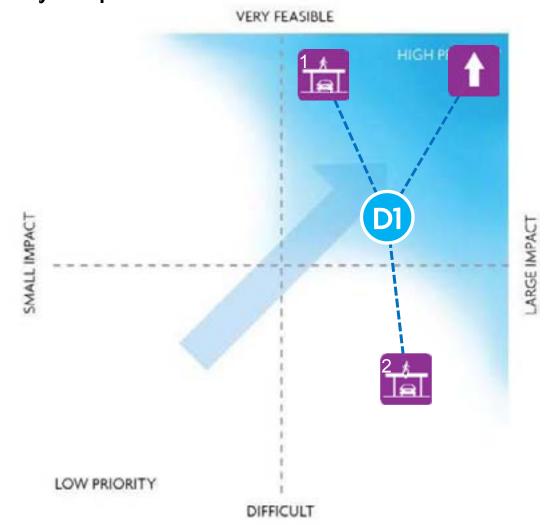


Build new overpass

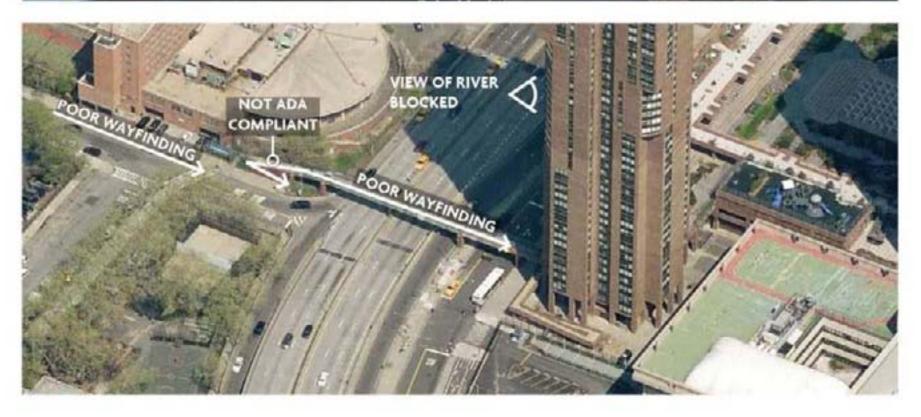


Add wayfinding to overpass

Priority Graph







D2/

Bikeway Continuity from E. 23rd to E.34th St.



Add wayfinding signage



Create clear bike and pedestrian path

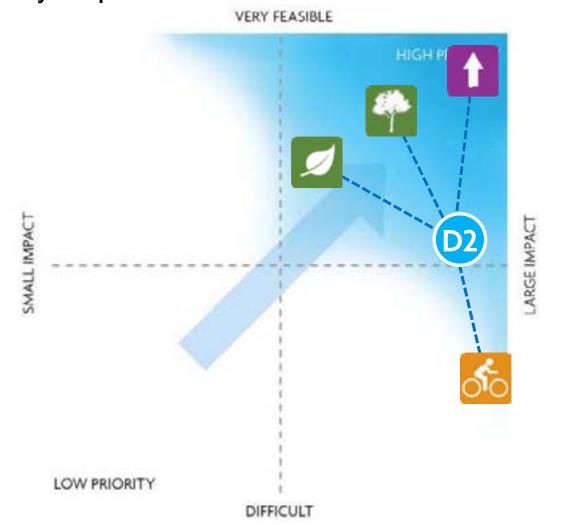


Add trees



Add noise barrier

Priority Graph







D3/

Upland Access at E. 29th St.

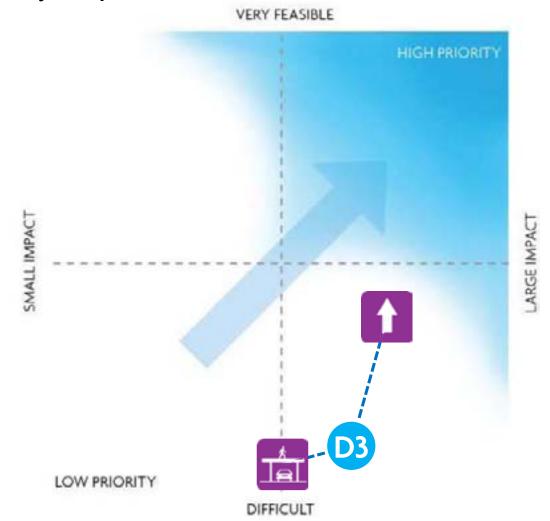


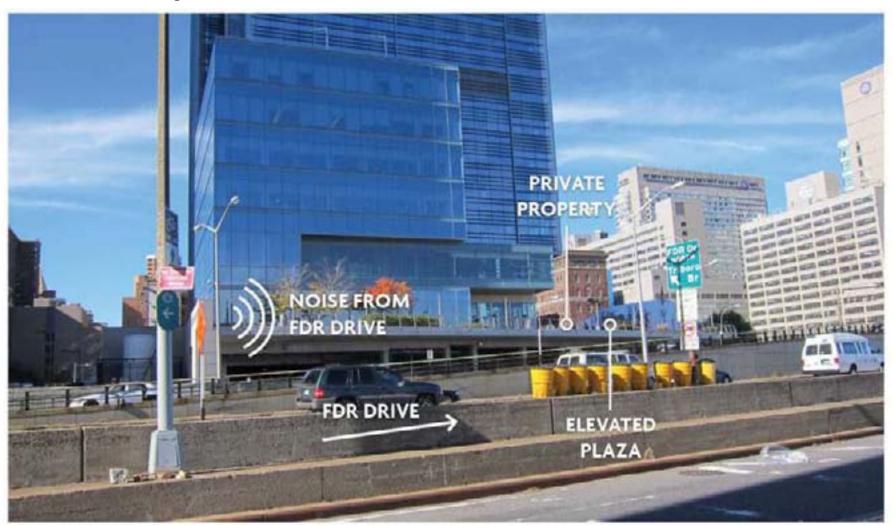
Add wayfinding signage

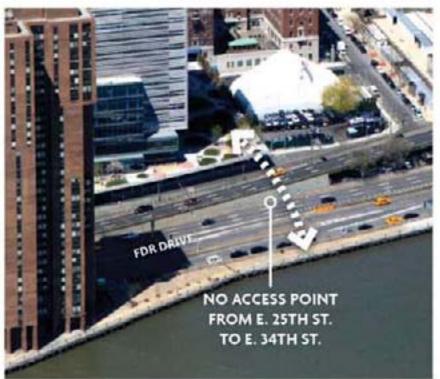


Create new overpass

Priority Graph









D4/

Water Club Restaurant Esplanade



Add wayfinding signage



Create clear bike and pedestrian path

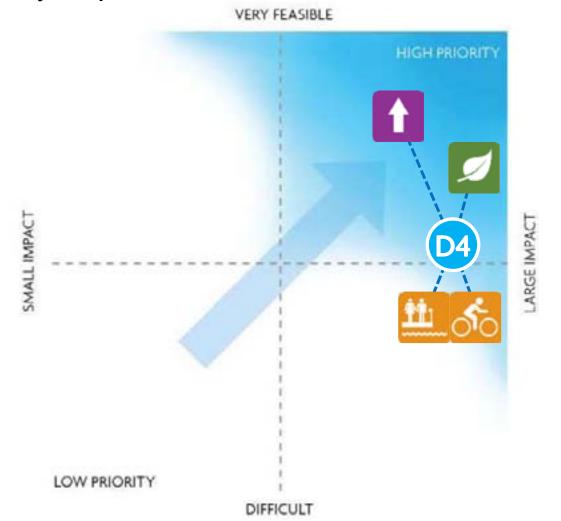


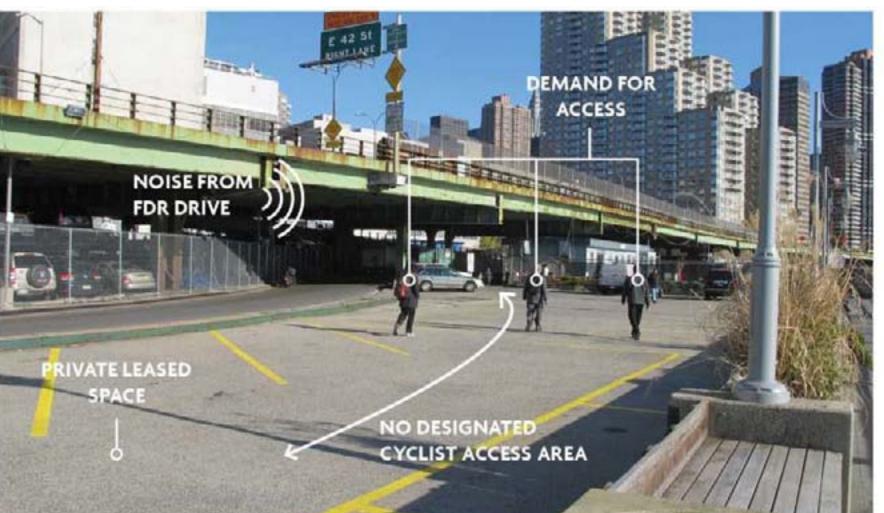
Widen waterfront esplanade



Add noise barrier

Priority Graph





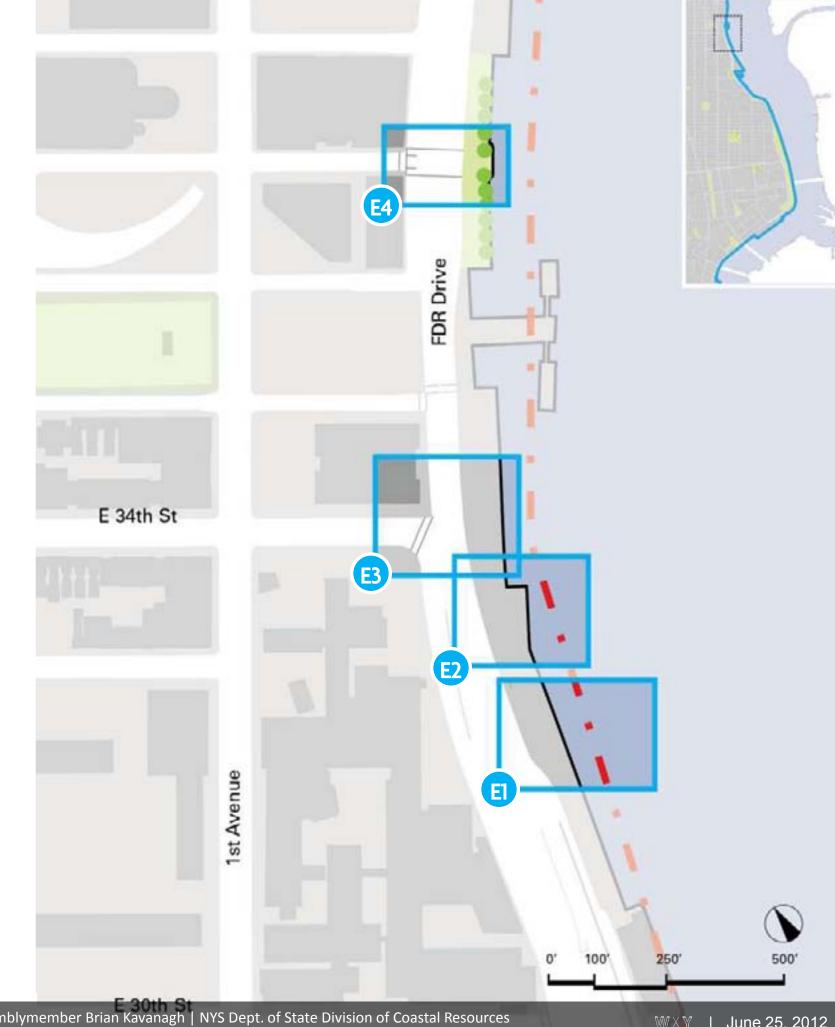




Opportunities E

Water Club Restaurant to Glick Park

- E1. E. 34th St. Heliport
- E2. NYU Medical Center Parking Area
- E3. E.34th St. and FDR Drive Intersection
- E4. E. 37th St / Glick Park Access



E1/

E. 34th St. Heliport



Create clear bike and pedestrian path



Provide access to waterfront



Install stormwater detention facility

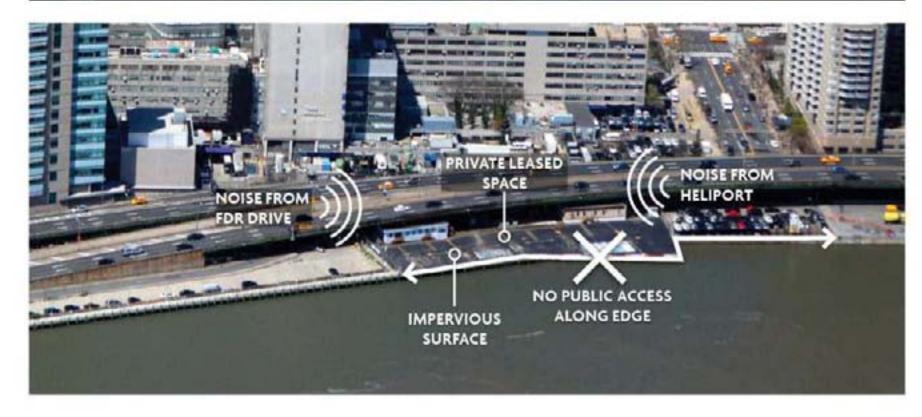


Add noise barrier

Priority Graph







E2/

NYU Medical Center Parking Area



Create clear bike and pedestrian path



Provide access to waterfront

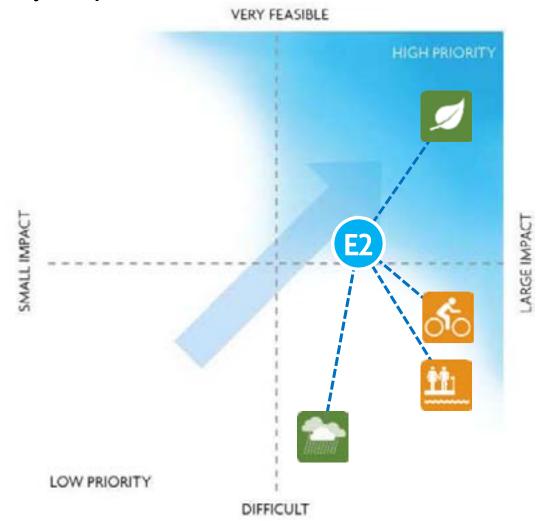


Install stormwater detention facility



Add noise barrier

Priority Graph







E3/

E.34th St. and FDR Drive Intersection



Add crosswalk at south crossing



Add pedestrian signals where there isn't one

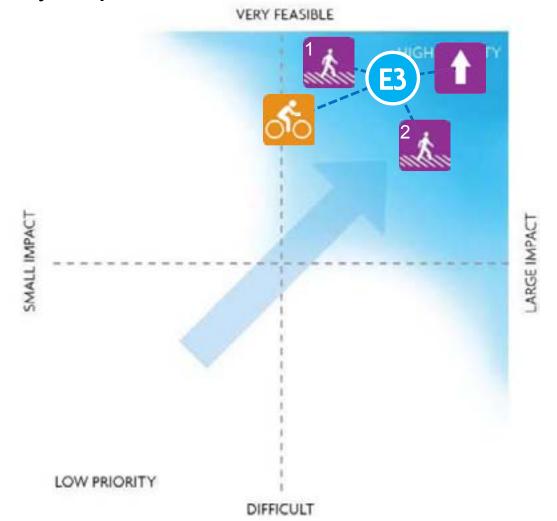


Add wayfinding to ferry terminal



Improve bicycle access through bike signals

Priority Graph









E4/Glick Park Access



Add crosswalk at south crossing



Add wayfinding to park

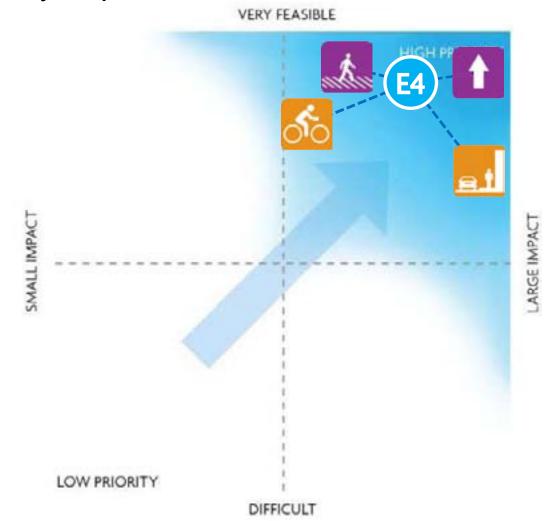


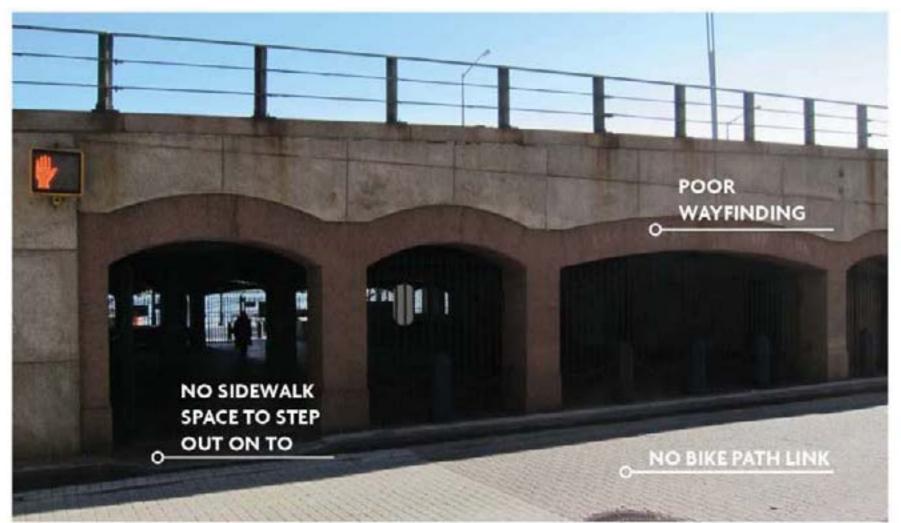
Add bicycle lane to E. 37th St.



Widen sidewalk

Priority Graph





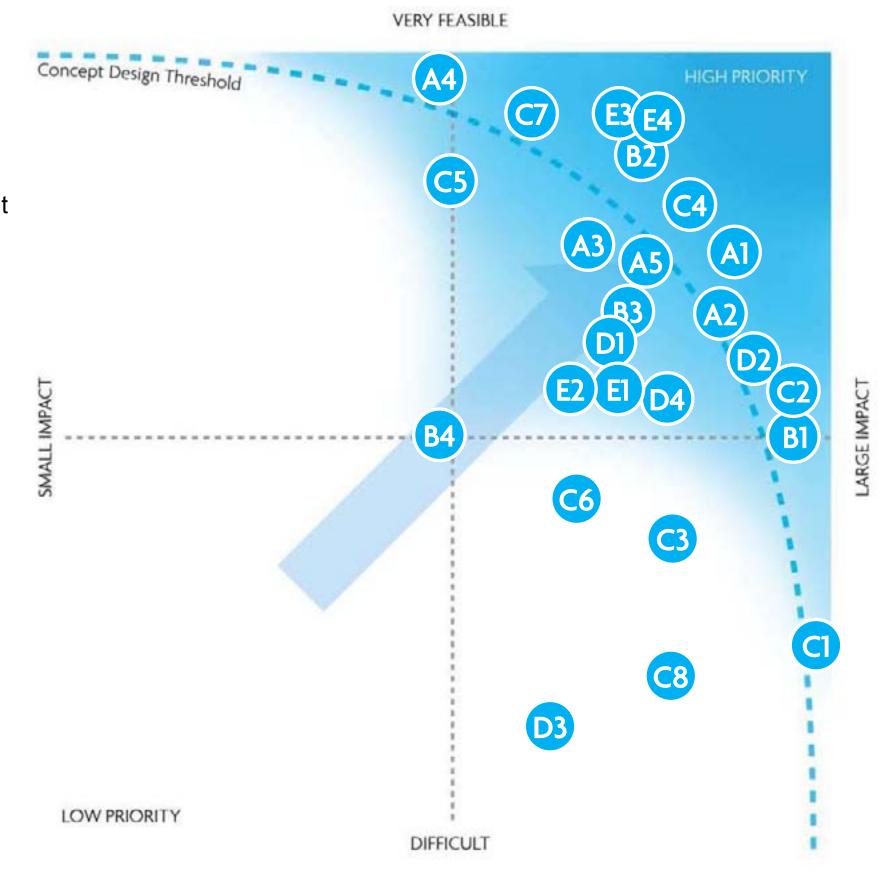




Priority Graph

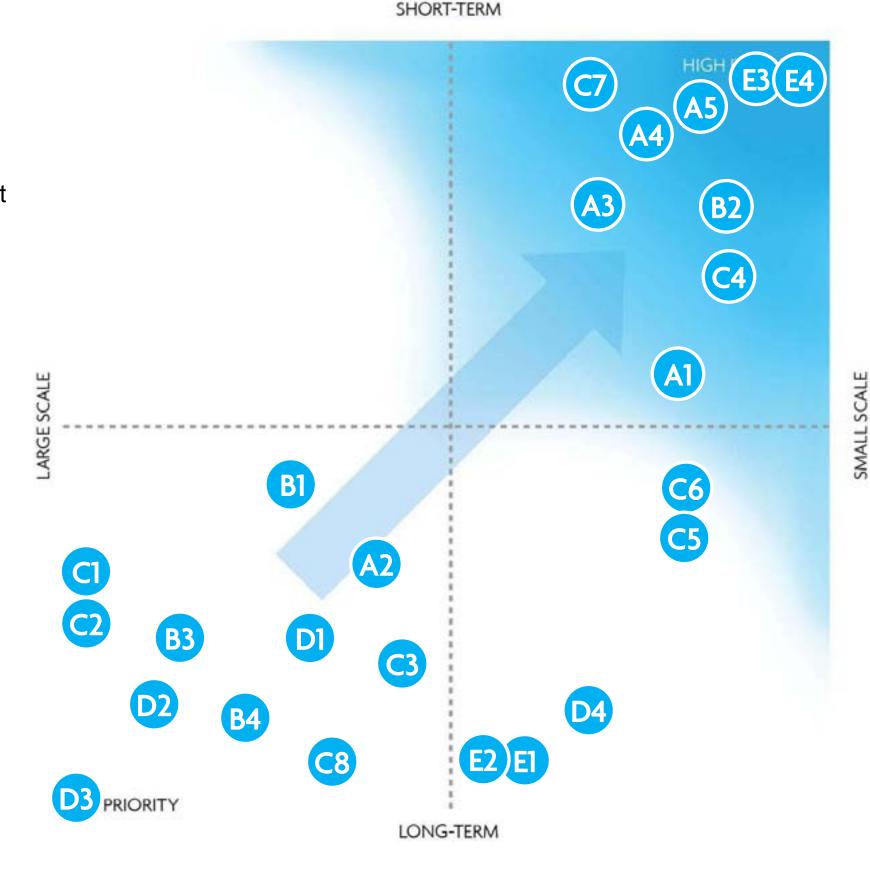
Selections for Concept Design

- A1. Brooklyn Bridge Beach
- A2. Increase Esplanade Bulkhead Space
- A3. South Street Improvements Amenities Facing the Waterfront
- A4. Traffic Control and Access Along South Street
- A5. Bikeway from Pier 35 to East River Park
- B1. Overpasses to East River Park and Waterfront
- B2. East River Park Road as Greenway
- B3. Delancey Street Connection to the Waterfront
- B4. East River Park Ballfields Stormwater Storage
- C1. E. 14th St. Flyover
- C2. New Edge and New 16th to 18th Street Esplanade
- C3. Esplanade Bulkhead Habitat Creation in Stuyvesant Cove
- C4. Stuyvesant Cove Waterfront Recreation Activities
- C5. Stuy Cove Marina and Skyport Garage Public Uses
- C6. Public/ Event accommodation spaces
- C7. Increasing Crossings to Stuyvesant Cove
- C8. Parking planning
- D1. E. 25th St. Pedestrian Bridge
- D2. Bikeway Continuity from E. 23rd to E.34th St.
- D3. Upland Access at E. 29th St.
- D4. Water Club Esplanade Area
- E1. E. 34th St. Heliport
- E2. NYU Medical Center Parking Area
- E3. E.34th St. / FDR Drive Intersection
- E4. Glick Park Access



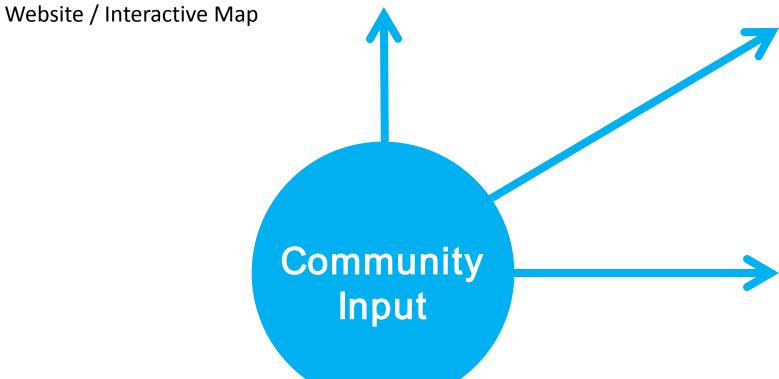
Priority Graph

- A1. Brooklyn Bridge Beach
- A2. Increase Esplanade Bulkhead Space
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- E3. E.34th St. / FDR Drive Intersection
- E4. Glick Park Access



4/ Community Process





The East River Blue	
Your zipcode	
Please check only two options based on your priorities	for the East River waterfront.
A. I would like to bike along the East River in o	rder to:
☐ Commute to work	☐ For exercise
☐ To enjoy the scenery	Other
☐ None of the above	
B. I would like to be able to get on a boat in or	der to:
☐ Commute to work	☐ For exercise
☐ To enjoy the scenery	☐ Other
☐ None of the above	1.1 0.1 .2245000.2
C. I would like to be able to get right down to	
☐ Swim	 Study or learn about the water
☐ Enjoy the scenery	☐ Other
☐ None of the above	
D. The following discourages me from going to	the East River waterfront:
☐ Not safe enough to cross the FDR	☐ Not enough signage
Not enough pedestrian crossings	Other
☐ There is nothing I want to do there	

Questionnaire



Community Workshops

