

Principles for Remaking the Urban Waterfront

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Humanity
finds delight
and
inspiration at
waterfront
settings











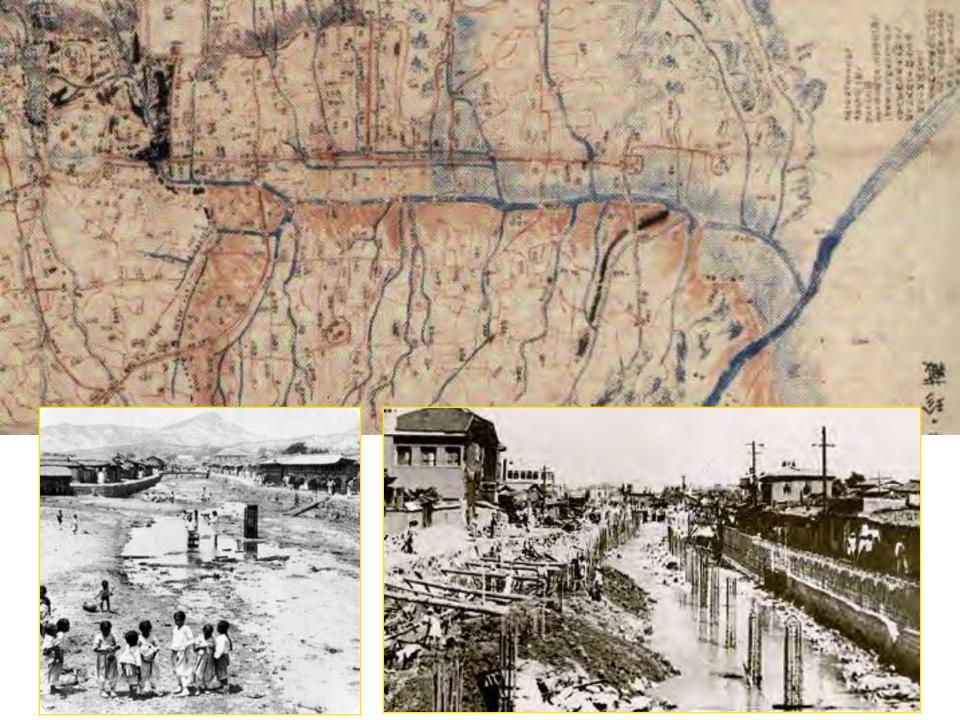


Cheonggyecheon River Restoration, Seoul, Korea



Cheonggyecheon River Restoration, Seoul, Korea 2000-2006



















Distinctive
Settings at
Water's Edge
Provide
Significant
Advantages for a
City's
Competitiveness
in the Global
Economy



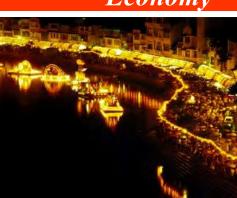






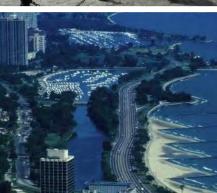


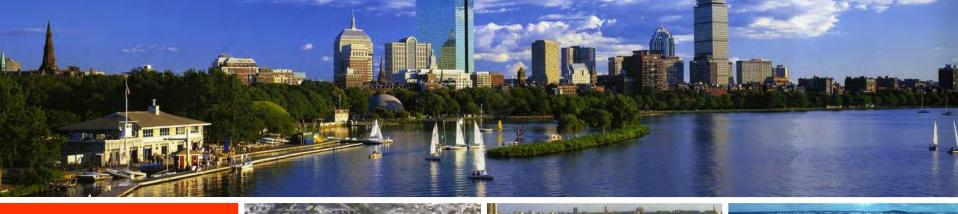












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10 Opportunities in Urban Waterfront Planning







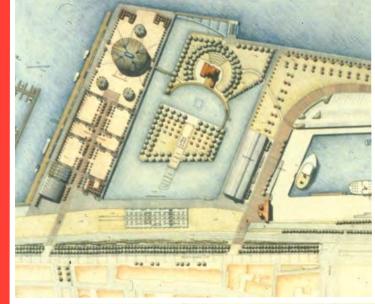


1.

Transformations
along urban
waterfronts are a
recurring condition
in the life of a city
and tends to take
place during times
of economic,
technological and
cultural shifts.

Montreal Waterfront, Canada























2. Along the waterfronts of cities worldwide the human instinct to both preserve and to reinvent are robustly acted out.











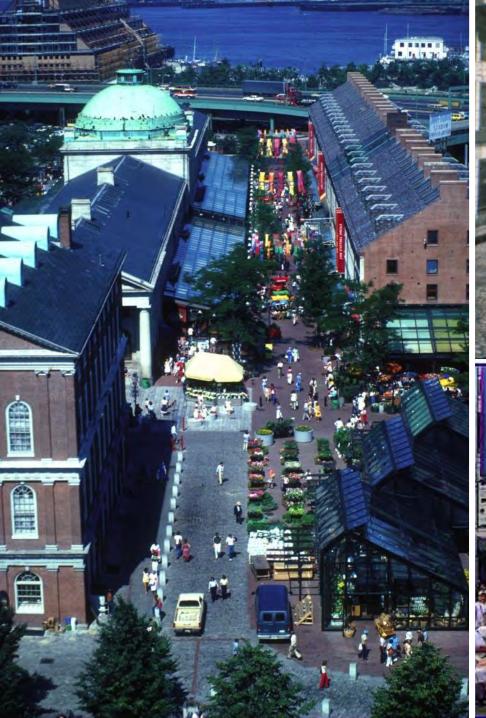
Boston's Old Harbor Reimagined











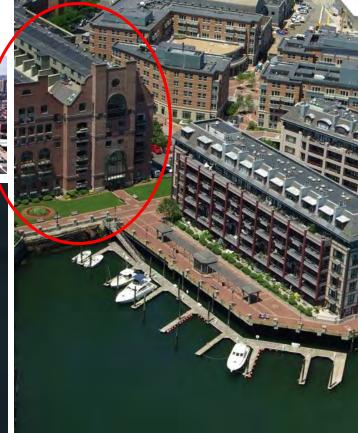


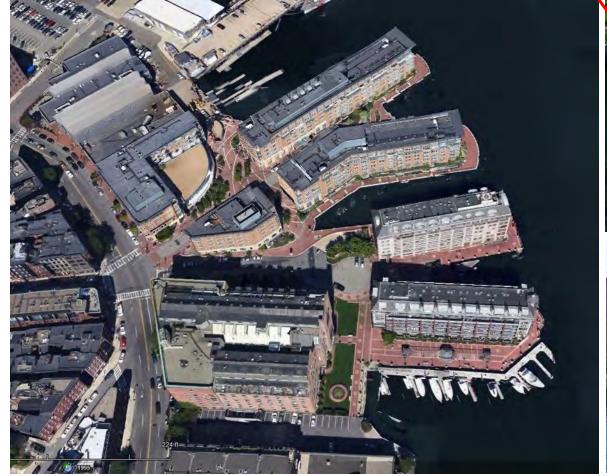




BATTERY WHARF

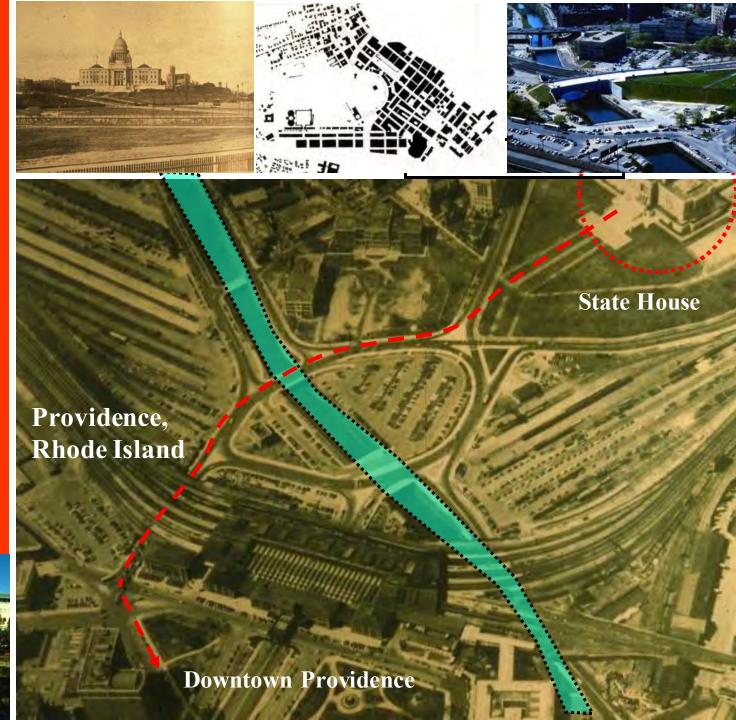








3. The public increasingly desires and expects access to the water. This usually requires overcoming historic barriers, physical, proprietary and psychological.















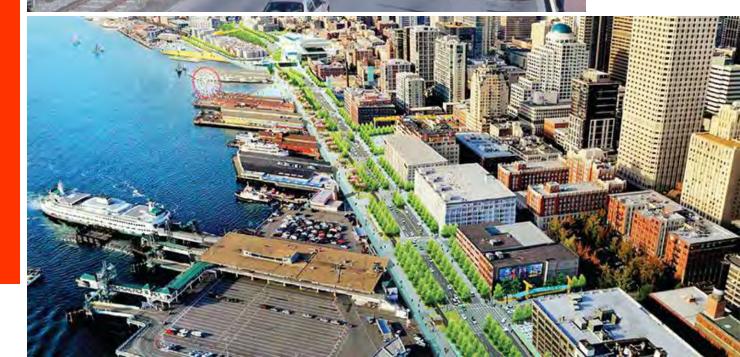




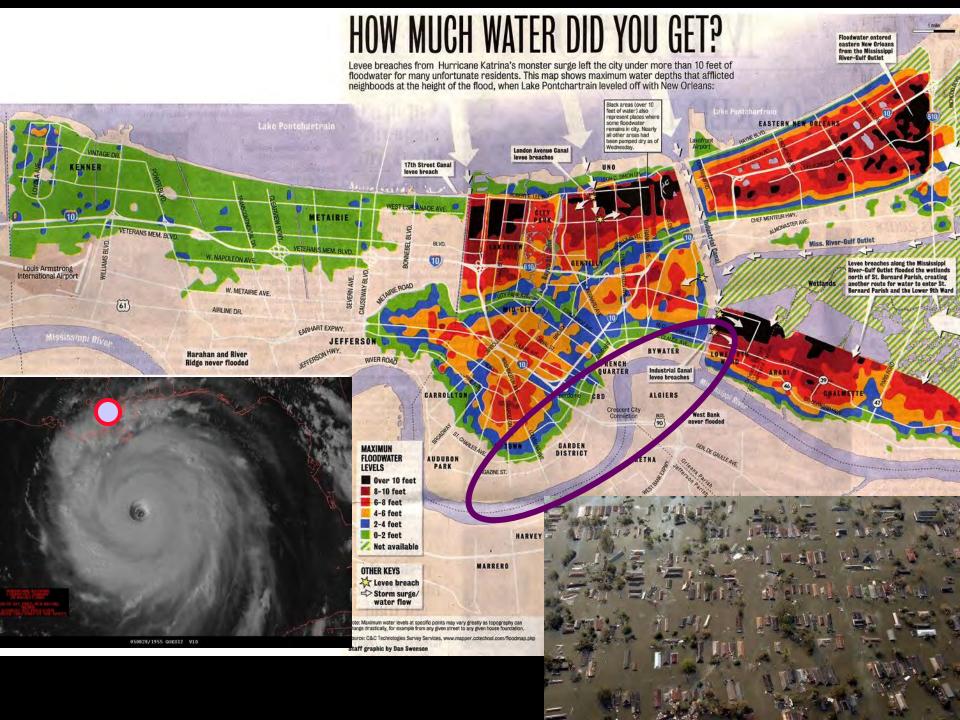
Maintaining Linear Public Connectivity is Important, but **Emphasizing Perpendiculars** from the City Fabric to the River is even more important

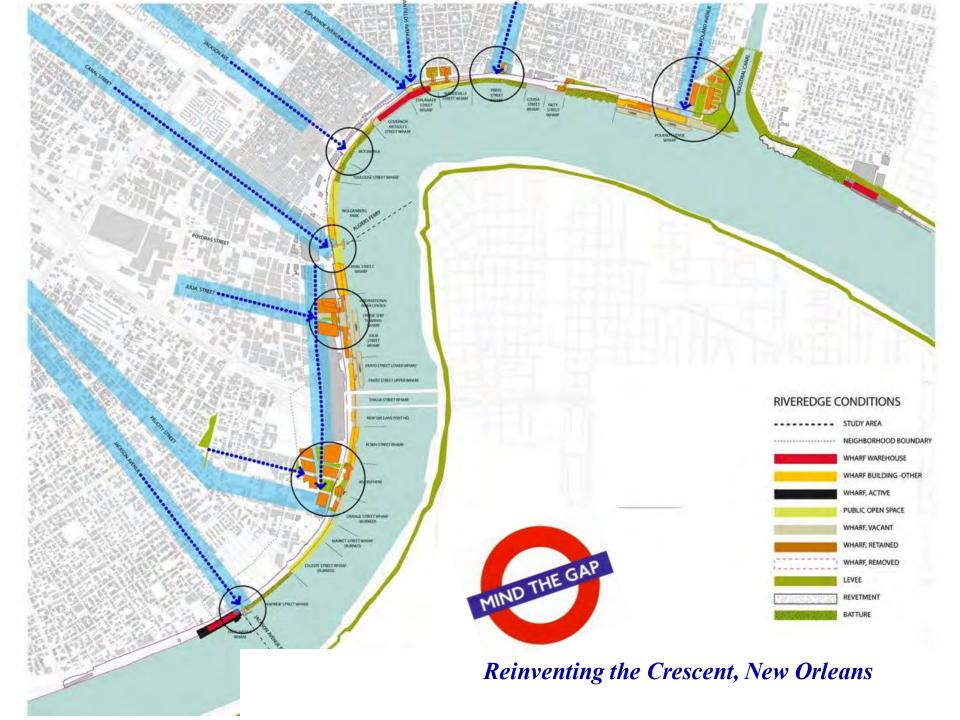






Celeste Park Jackson Avenue to Market Street	1.	
Market Street Promenade Market Street to Race Street	2.	
Riversphere Race Street to Terpichore	3.	13. 15. 16. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18
Nine Muses Square Orange to Henderson to Techoupitoulas	4.	10, 11, 12.
Julia Street River Terrace	5.	
Convention Center Boulevard Henderson to Poydras	6.	9.
Spanish Plaza Poydras to Canal Street	7.	8.
Wolenberg Park Canal Street to St. Louis	8.	
Moonwalk St. Louis to St. Philip	9.	6. 4 '
French Market Connection	10.	5.
Portage Plaza Esplanade and Elysian Fields	11.	
Mandeville Wharf Marigny to Spain	12.	
Mandeville Rear Apron Connection	ⁿ 13.	
Press Street Landing Spain to Clouet	14.	
Piety Park Clouet to Pauline	15.	
Poland Fields Pauline to Poland Wharf	16.	
Bywater Point Poland Wharf to St. Claude	17.	
Port of Embarkation Redevelopme Chartres to St. Claude	18.	Post Katrina Development Plan for New Orleans
Holy Cross Levee Promenade St. Claude to Flood Street	19.	Reinventing the Crescent





POWER PLANT LANDING RIVERSPHERE 9 MUSES SQUARE

PROGRAM

Riverview Performances
Public Meeting Spaces
Biological Research
Water Gardening
Scientific Lectures & Tours
Sunbathing
Interactive Fountains
Lawn Sports
Green Roof Gardening
Bike Riding
Picnicking
Riverview Shaded Seating
Riverview Stadium Seating

CIRCULATION

Market St Pedestrian Bridge 2 Destination Piers Riversphere Platforms Riverfront Pedestrian Path Vehicular Ramp Railway Tunnel Link to Convention Boulevard

LANDSCAPE

0' 100' 250'

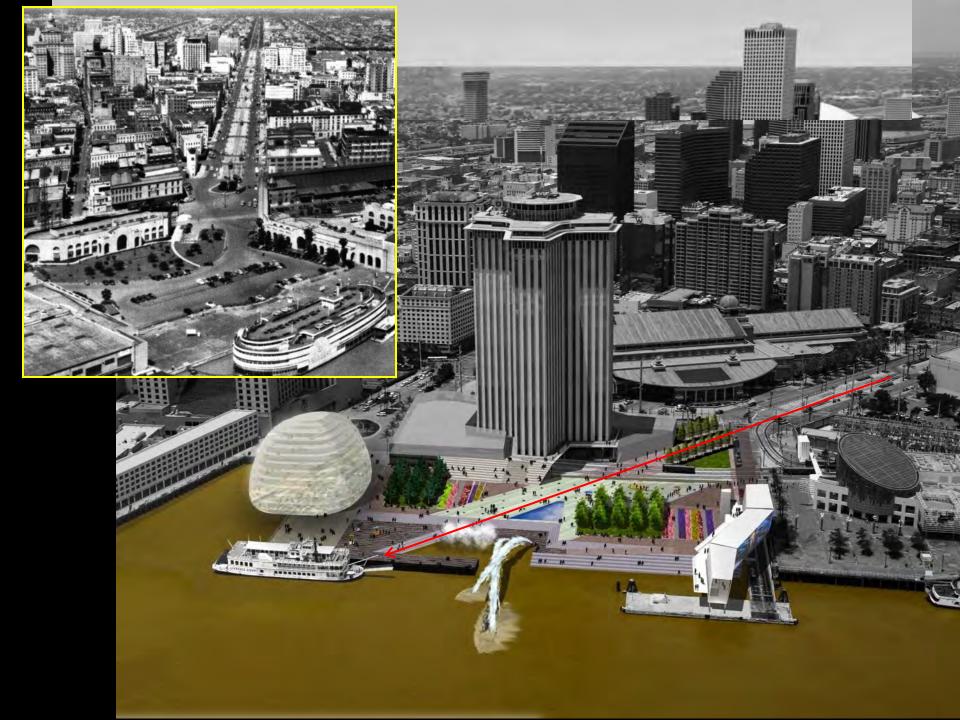
Fountain Gardens
Research Gardens
Riverfront Performance Lawn
Distinctive Courtyards
Shade Tree Allees
Batture Pockets
Accessible Green Roofs
Flexible Shaded Lawns

500'



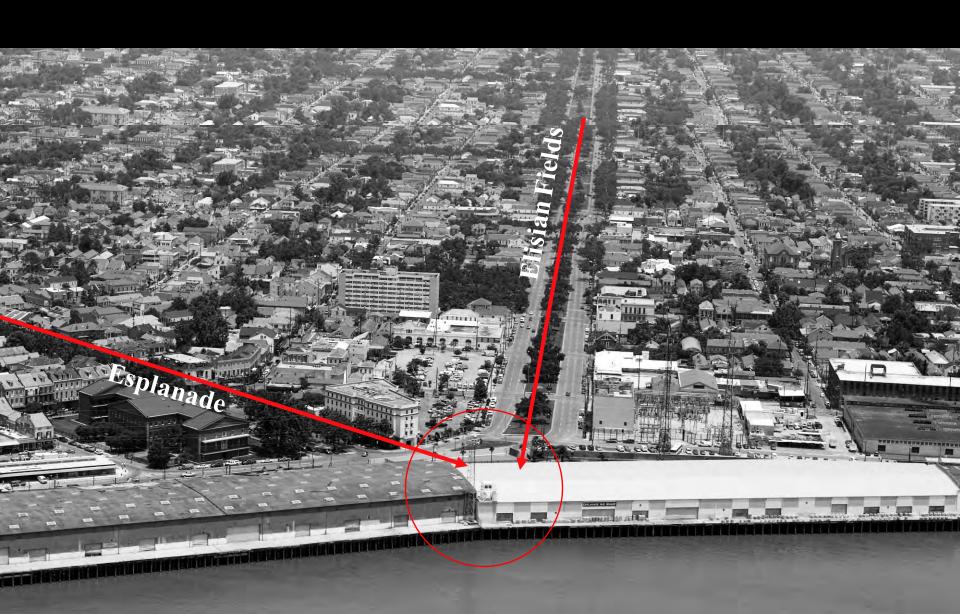












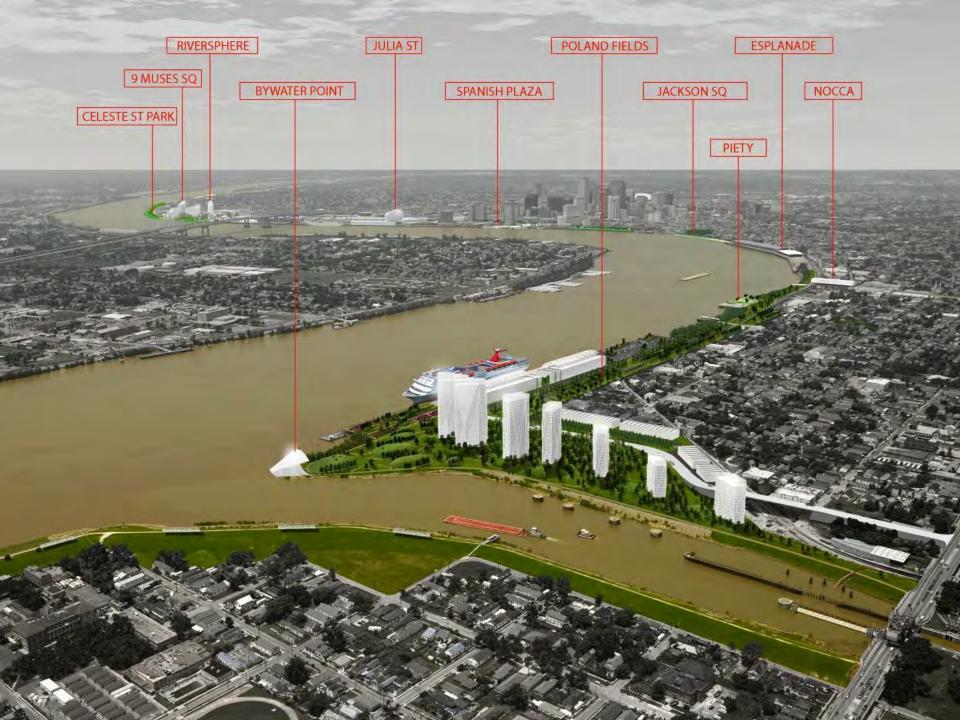




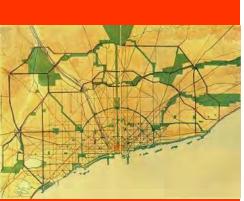








5. Waterfront redevelopments are long-term projects with long-term value to be gained. Endangering this for short-term riches rarely produce the most desirable results.











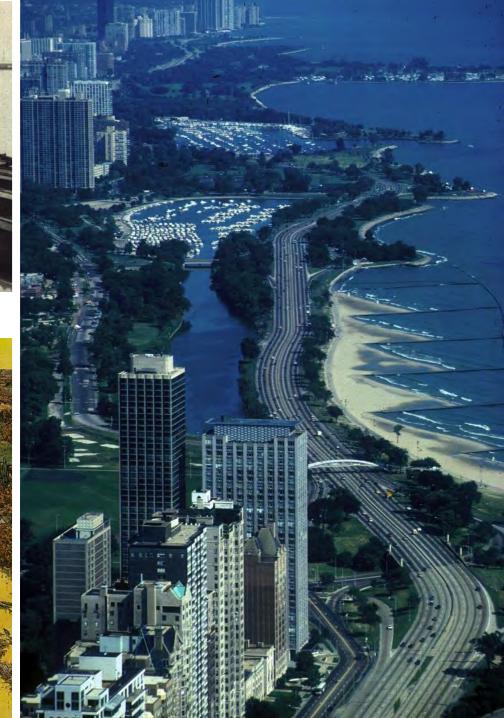






c.1920 Chicago c.2000

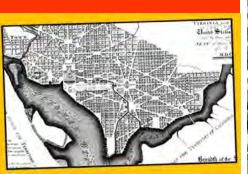


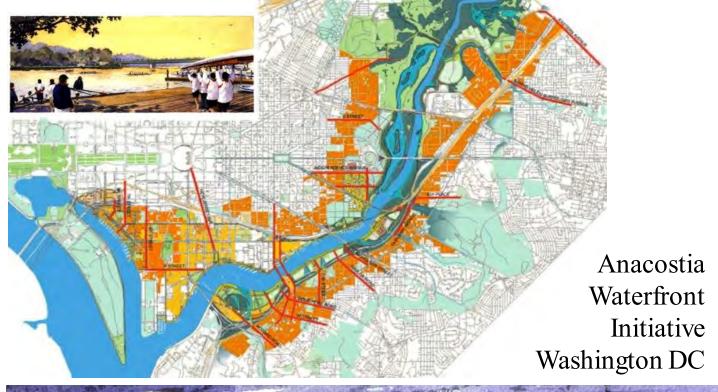




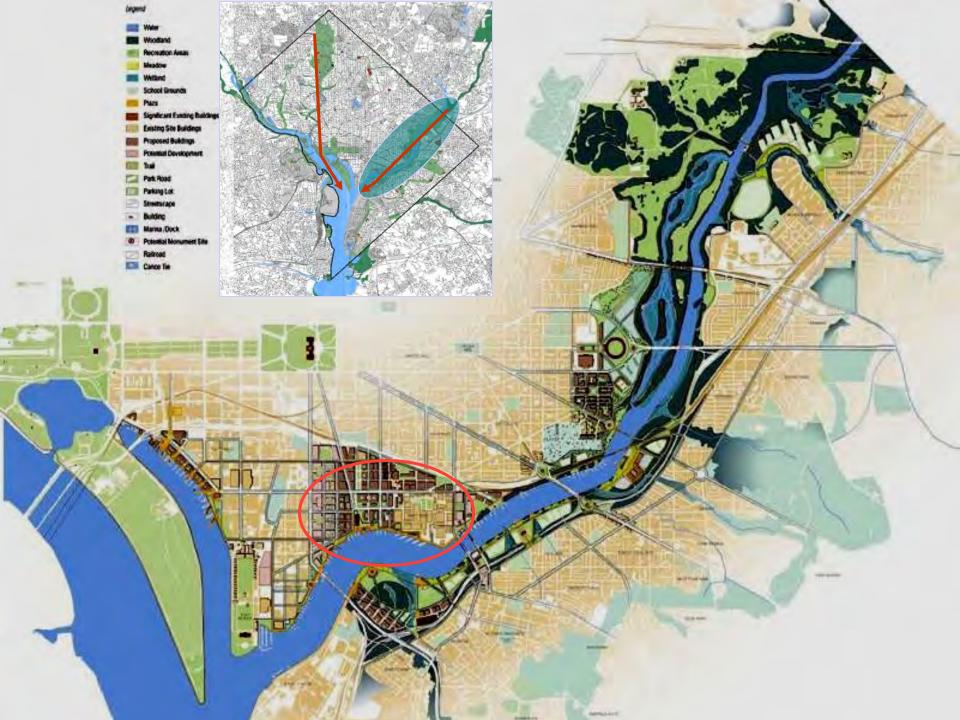
Wise waterfront planning seeks to unravel unnecessarily polarized visions, and proceeds at two scales: that of the corridor-wide watershed, and that of the strategic [catalytic] project.

Washington DC







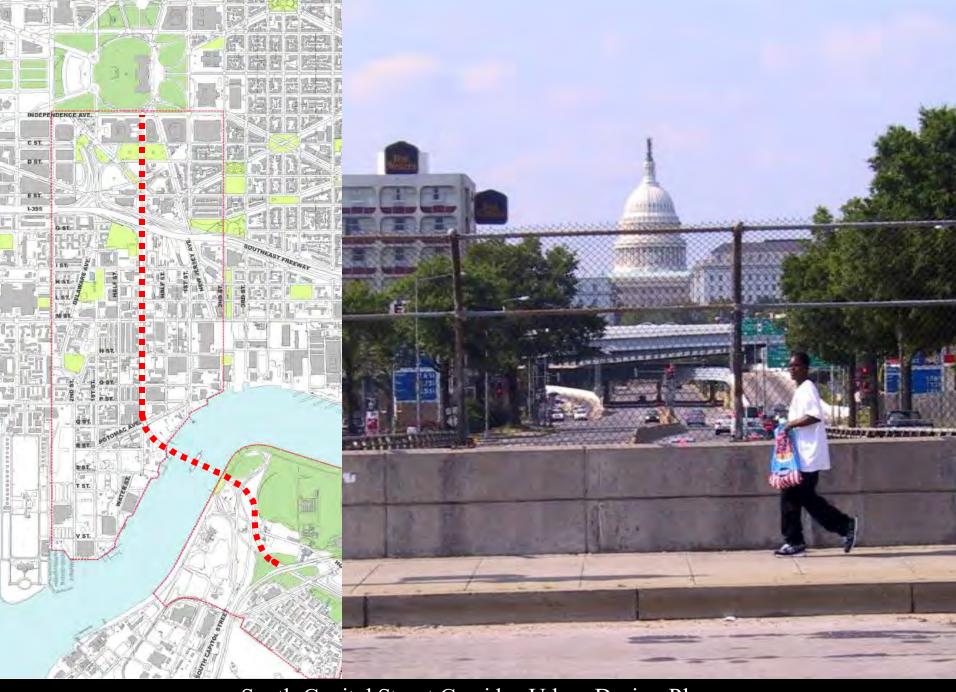












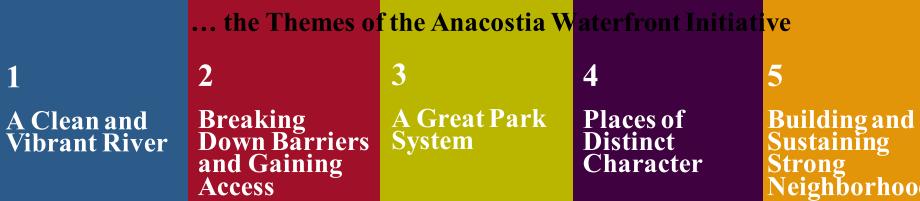
South Capital Street Corridor Urban Design Plan





South Capital Street Corridor Plan & Washington Nationals Ballpark







ANACOSTIA

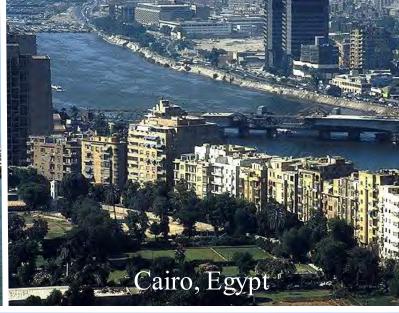
INITIATIVE



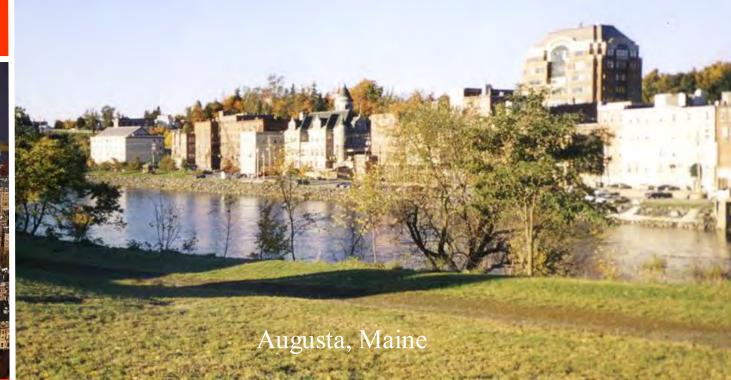


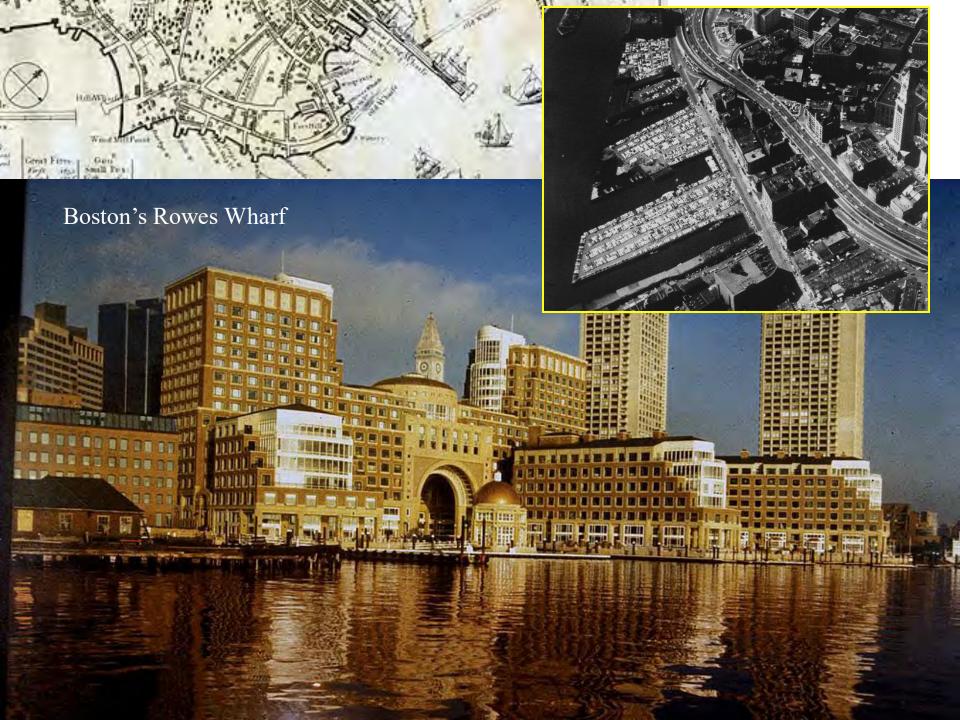
7. To make waterfronts come alive they must become desireable places for dwelling not just to visit and recreate.



















The Vancouver, Canada Motto:

"LIVING FIRST"

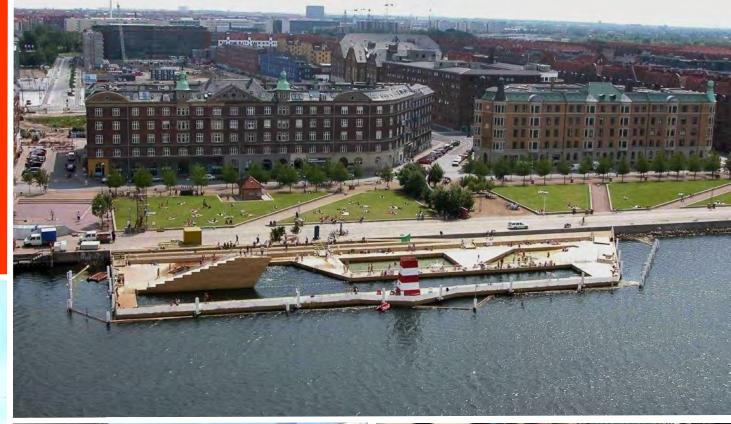








8. The success and appeal of landside development is intrinsically tied to the success and appeal of adjacent water uses.



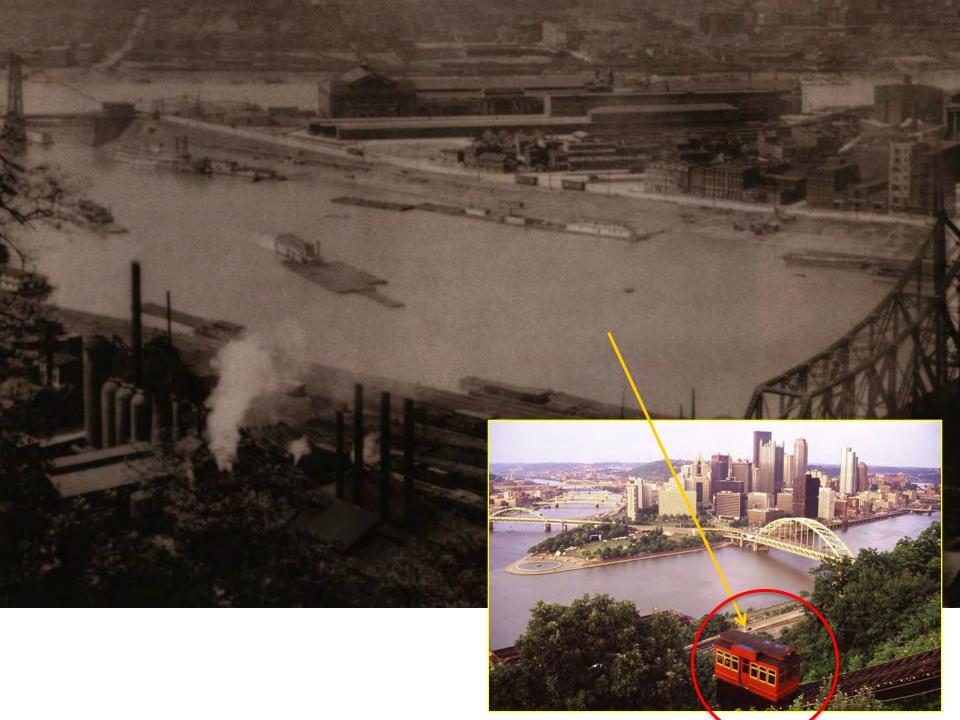




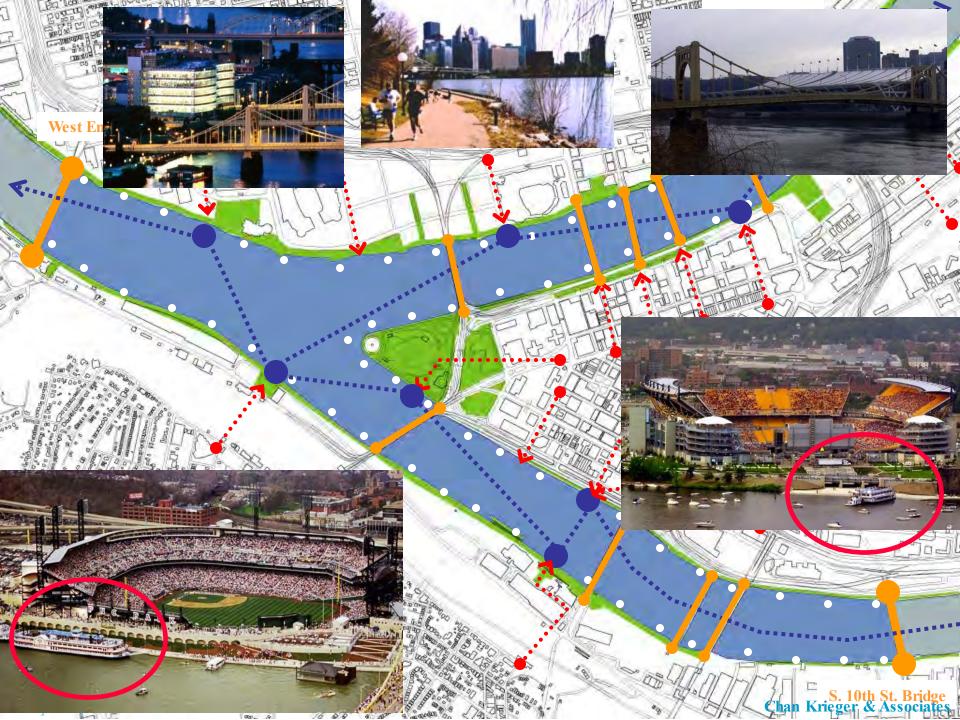














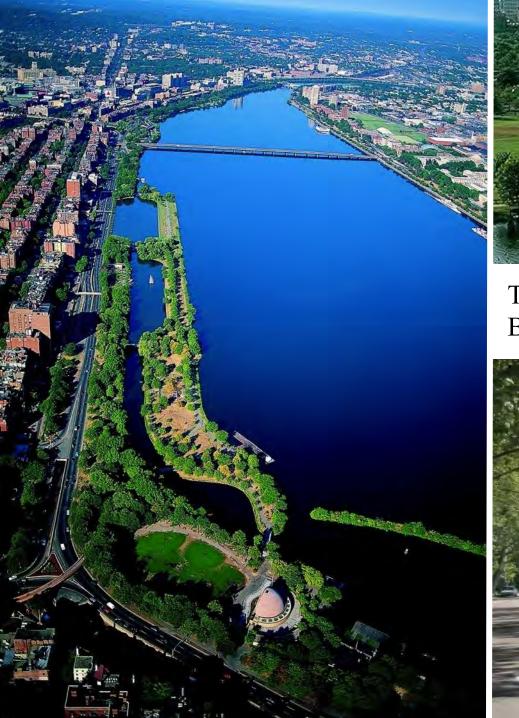
9. A city's waterfront is its umbilical cord to nature, to the salutary affects of natural beauty, and thus demands intelligent environmental stewardship.













The Charles River Esplanade, Boston & Cambridge, MA

































10. A city's waterfront is the setting that provides the best antidote to homogenization or generic urban development







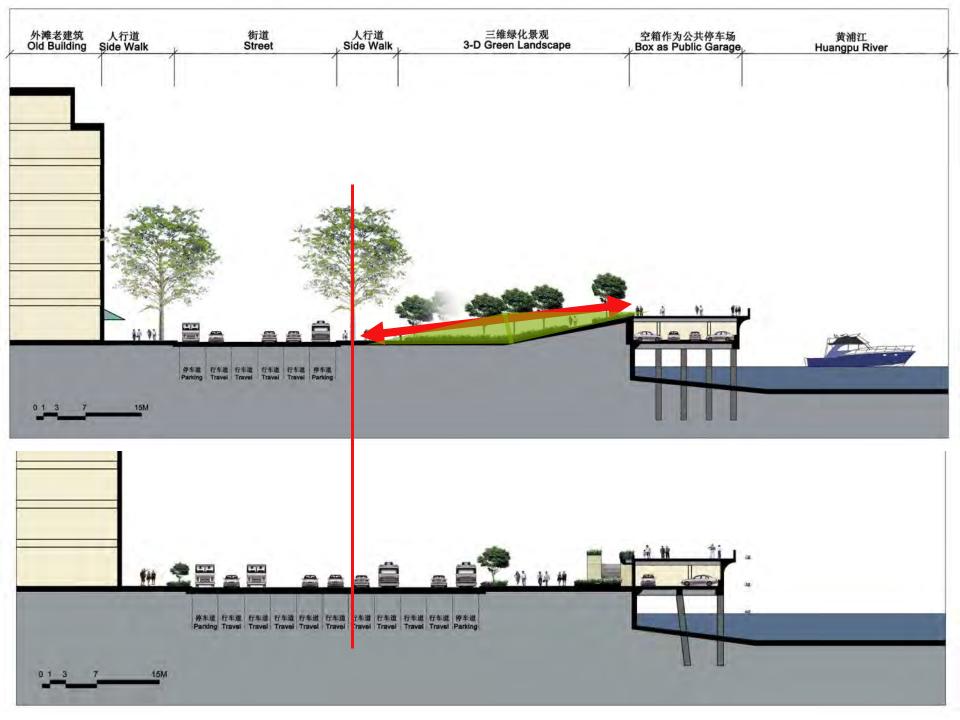
Reconstruction of the Bund, Shanghai, China 2007-2010 上海市外滩滨水区城市设计



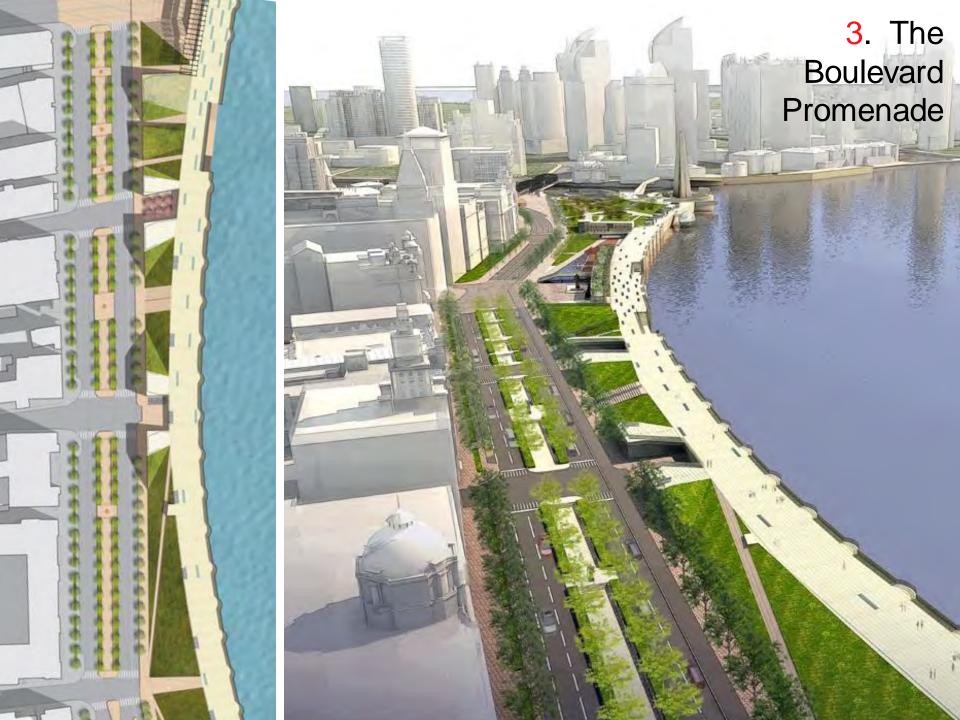






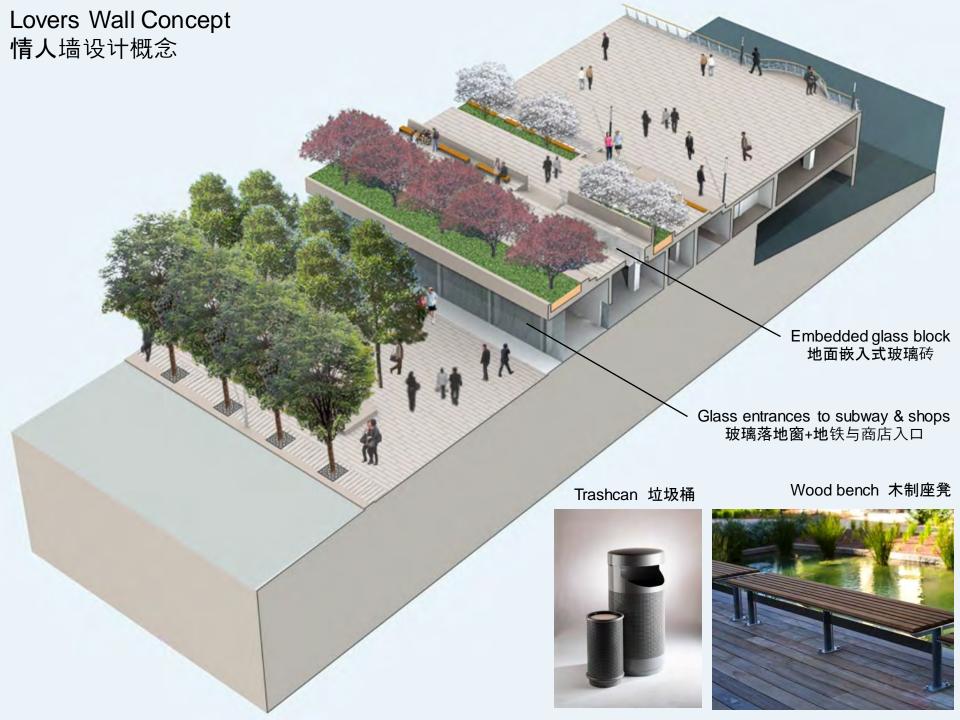


















ACASE STUDY















Client Name Massachusetts Port

Massachusetts Port Authority

Contact Person
James Doolin, AICP
Deputy Director Planning
& UD
One Harborside Drive
Suite 200S
East Boston, MA 02128
Tel: (617) 946-4490
Email: jdoolin@

Project Team Alex Krieger, FAIA Alan Mountjoy, AIA Patrick Tedesco, AIA, LEED

massport.com

Completion Date 1998 - 2003

Size 300 acres

Construction Cost \$500 Million Estimated

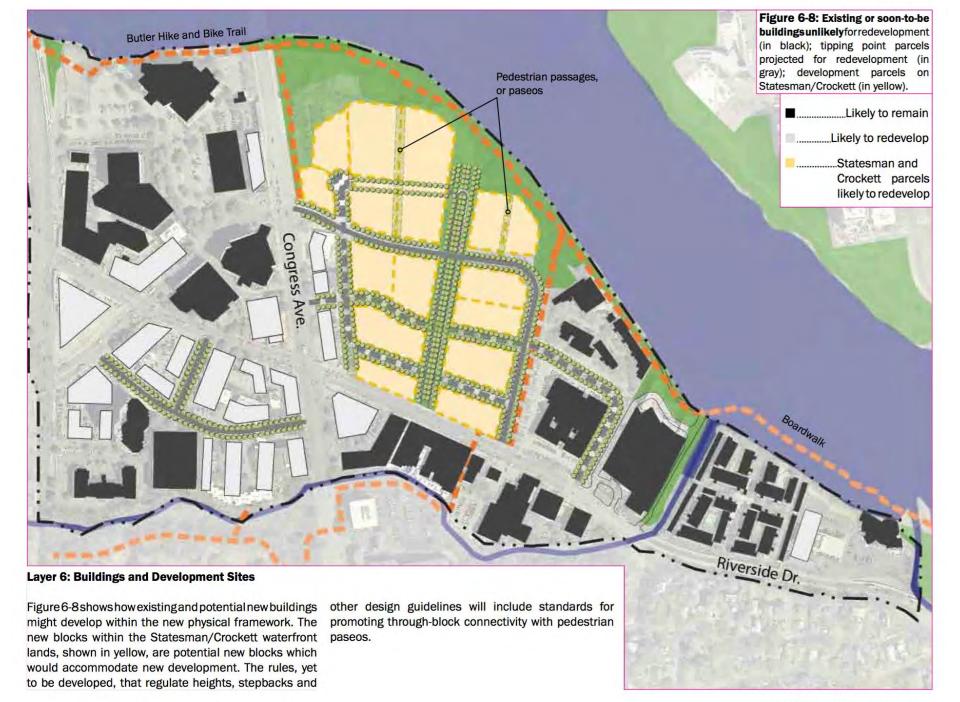
Seaport District Master Plan

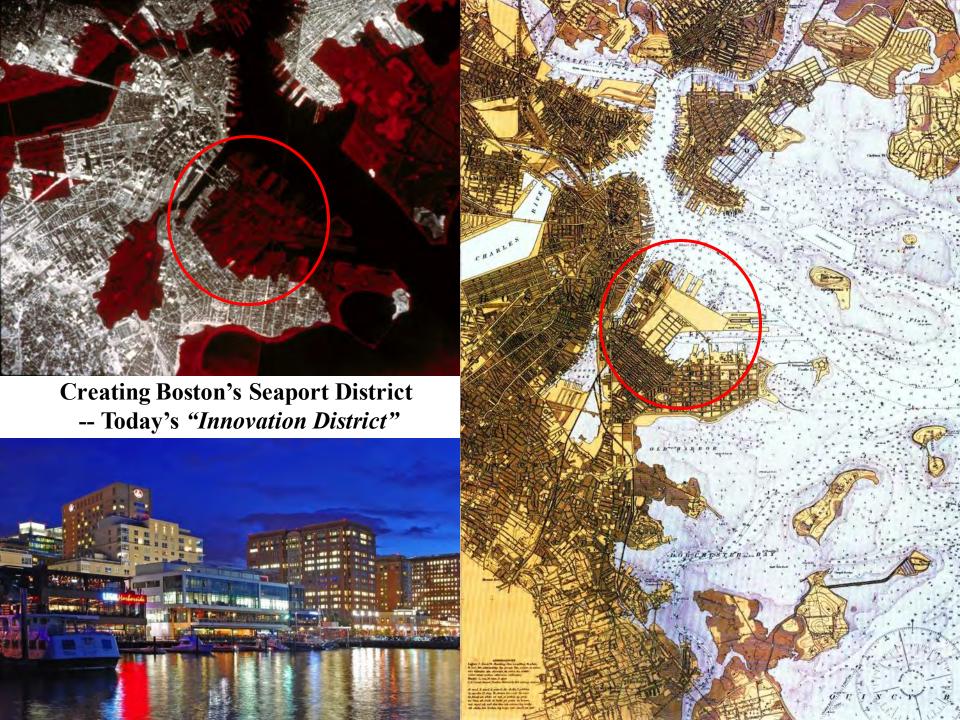
Strategic plan and urban design for Massport's landholdings comprised of 300 acres in South Boston's Commonwealth Flats. The study investigated real estate development options for maritime, industrial, and mixed-use potential over the next 20 years.

Design concepts included conceptual parcel design and feasibility analysis; architectural guidelines for development parcels; streetscape design; and open space planning. Detailed investigation included: schematic design for a 2.5 acre park; design of new light fixtures and signage standards; and enhancements to federally-funded highway bridges and streets.

From 1998 to 2003, Chan Krieger NBBJ was the primary review consultant for ongoing development proposals and Massport-sponsored capital improvements in the district. While maintaining 65% of its land holdings for maritime and industrial uses, Massport has succeeded in attracting more than two million square feet of office, housing and hotel development, and proceeded with the design of a 2.5 acre district park, and a promenade connecting the Boston Exhibition and Convention Center to the World Trade Center and new waterfront development.







A Growing Mix of Innovation Businesses

Life Sciences/Biotech

Architecture/Design



Education/Academia

Manufacturing/Engineering

Finance/Professional Services





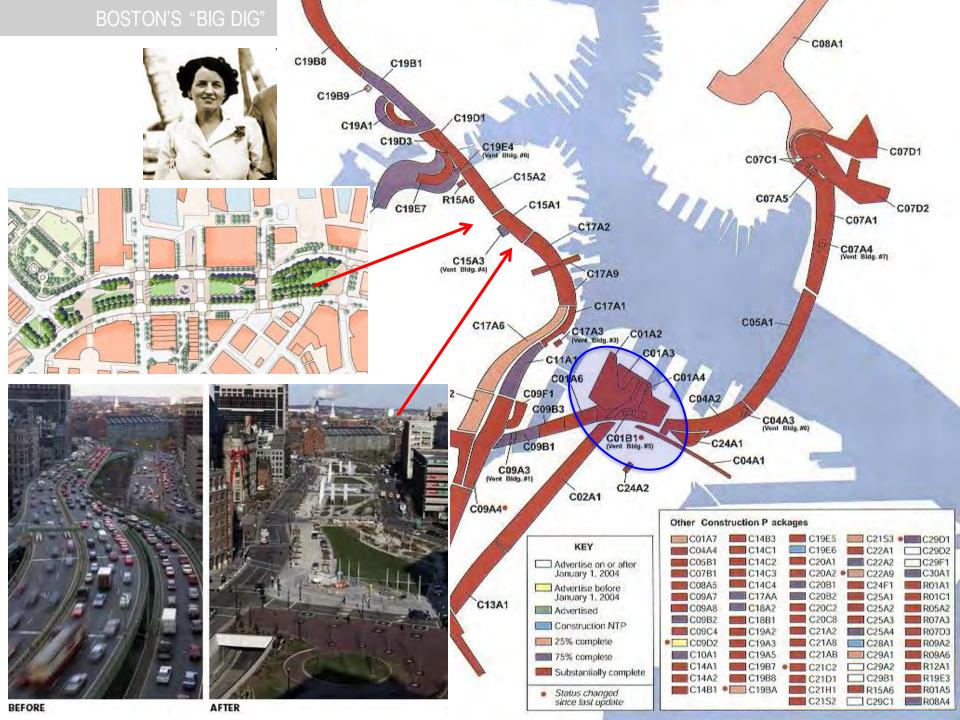


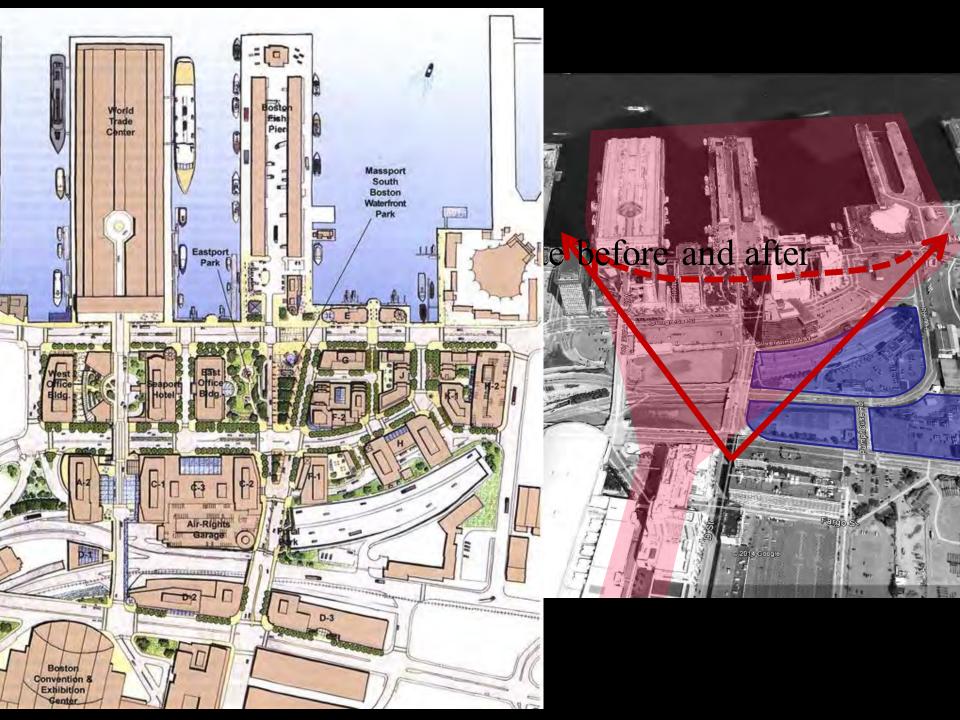














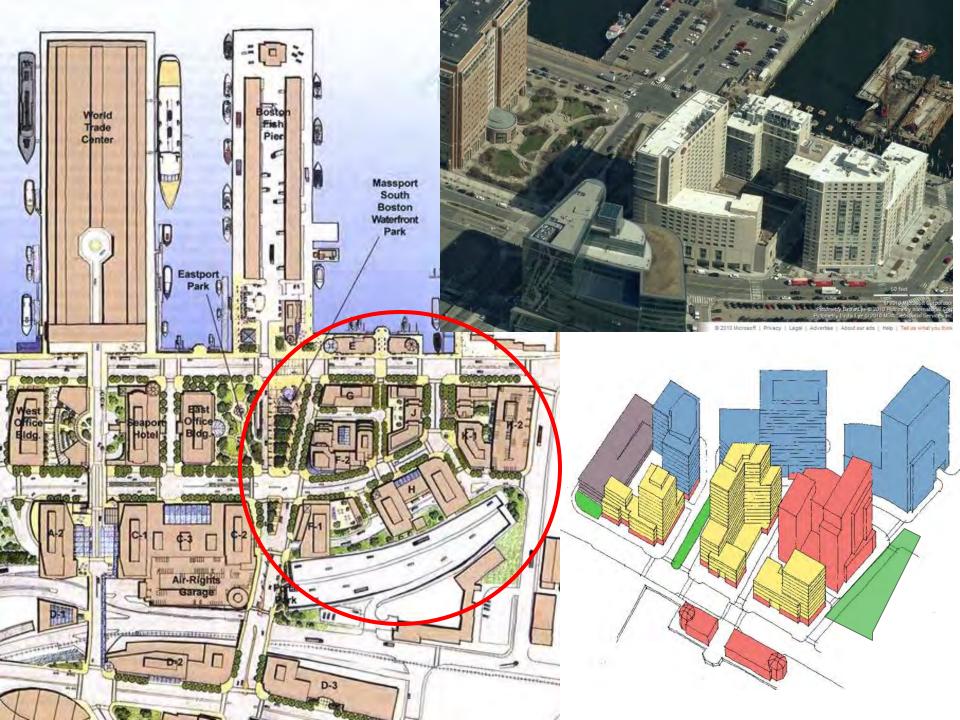






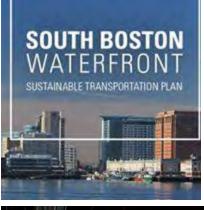












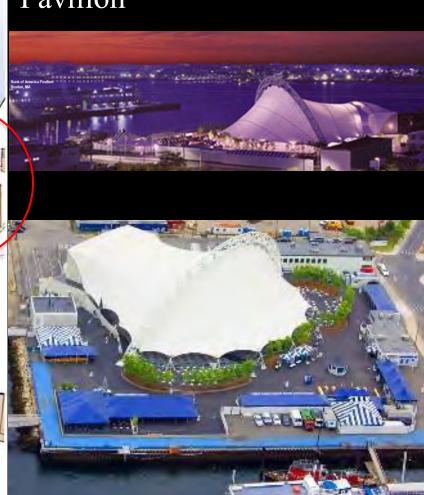








Bank of America Concert Pavilion

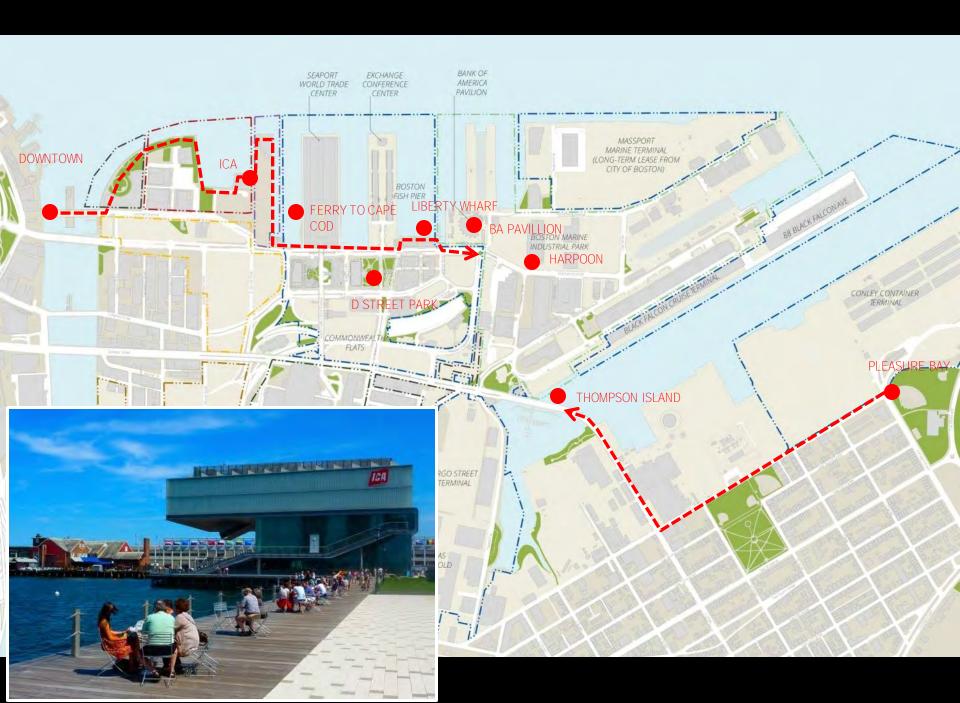




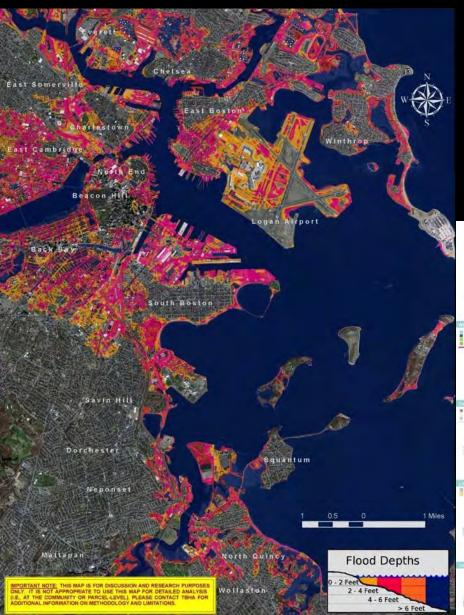








2050 Resilience Challenge



Anticipated flooding at high tide with a storm surge comparable to Hurricane Sandy in addition to estimated sea level rise in the year 2050:

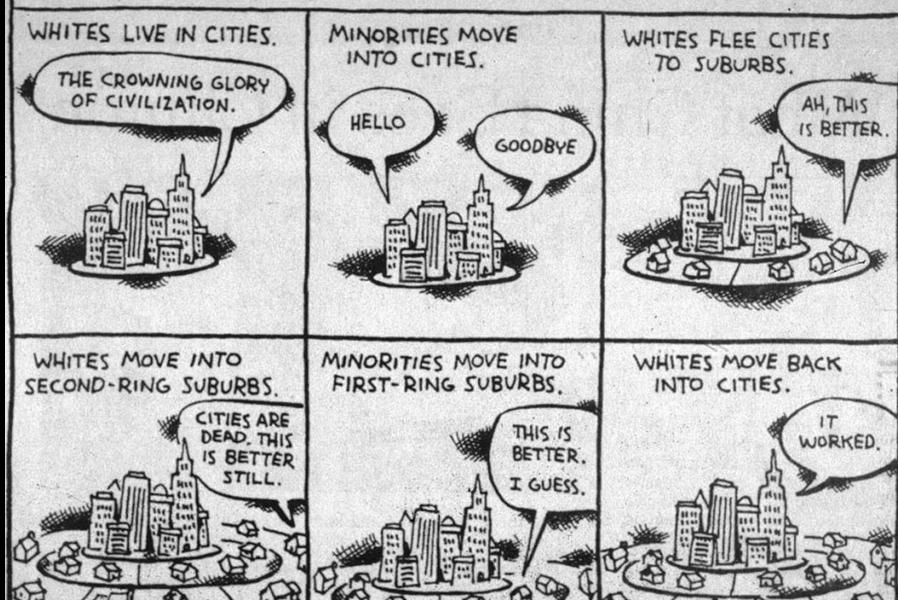
+7.5' from current mean water level



02 - FOUR COURTS - Northern Aerial



The Plan



THE VAST





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Advantages for a
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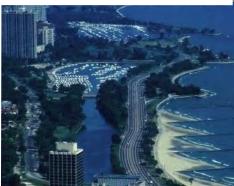
Best of Luck With the South Central Waterfront Initiative











End