Columbia Point MASTER PLAN

Community Meeting 3 January 24, 2009





Project Schedule

7 Task Force Meetings Since June 14:

Community Meeting 3: Build-out Analysis

Task Force Meetings February – April: Review Draft Master Plan

Final Community Meeting 4 in April: Draft Master Plan

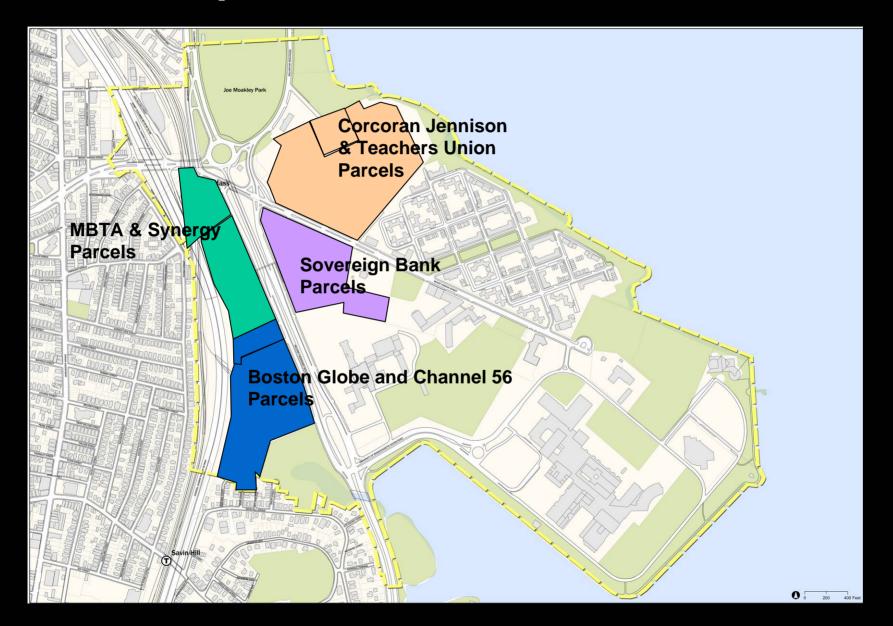
Stakeholder Meetings

- Corcoran Jennison
- Synergy
- Sovereign Bank
- Boston Globe
- MBTA
- DCR
- St. Christopher's Church
- Boston College High School
- UMass
- Boston School Department

Study Area



Redevelopment Parcels



Principles

- Land Use, Urban Design & Placemaking
- Transportation
- Sustainability

The Master Plan

- Land Use
- Open Space / Connections
- Vehicular Circulation
- Building Form

Land Use

Generalized Land Use



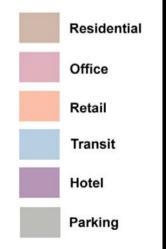
Corcoran Jennison Site



Corcoran Jennison Illustrative Plan



Residential Units 1,233
Hotel rooms 275
Office SF 221,490
Retail SF 292,870
Parking Spaces 2,300



MBTA / Synergy Site



Synergy / MBTA Parcels Illustrative Plan



Synergy

Residential Units 700

Hotel rooms

Office SF 500,000

Retail SF 180,000

Parking Spaces 1,725

MBTA

Residential Units 190*

Hotel rooms

Office SF 300-540,000*

Retail SF 7,500

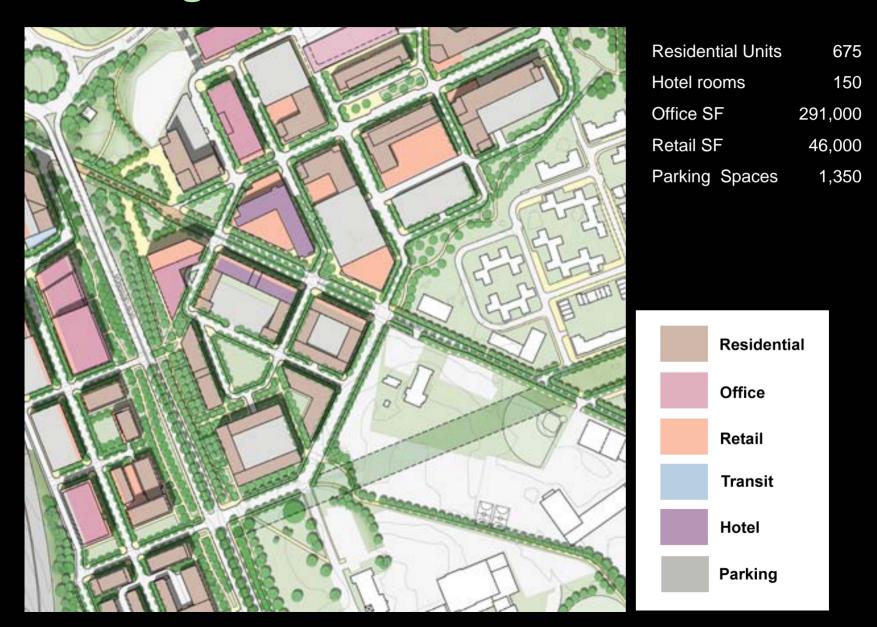
Parking Spaces 120

^{*} Plan could accommodate Residential OR Office

Sovereign Bank Site



Sovereign Bank Parcel Illustrative Plan



Boston Globe / Channel 56 Site



Boston Globe /Channel 56 Parcels Illustrative

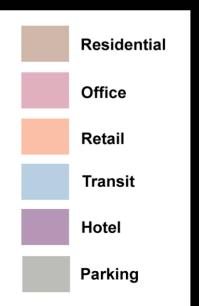
Residential Units 1,100

Hotel rooms

Office SF

Retail SF

Parking Spaces 1,100



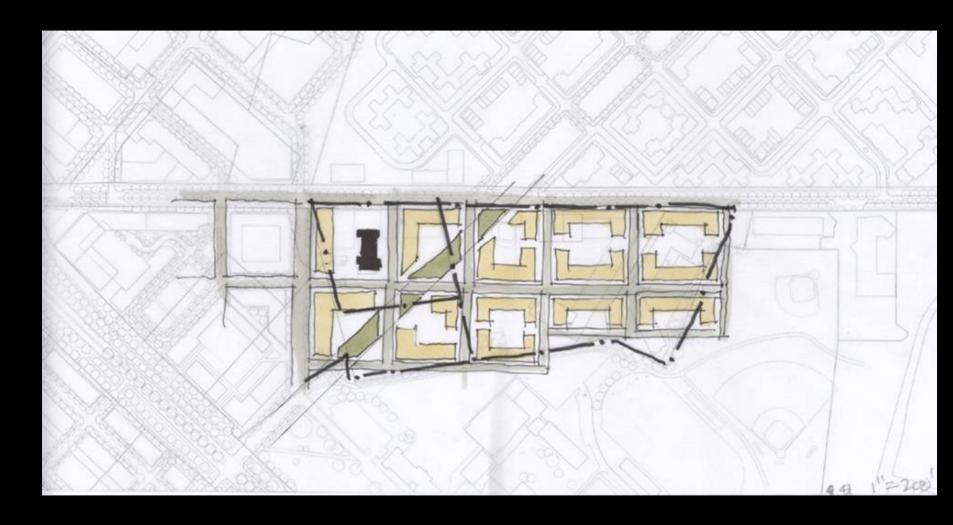


Illustrative Site Plan



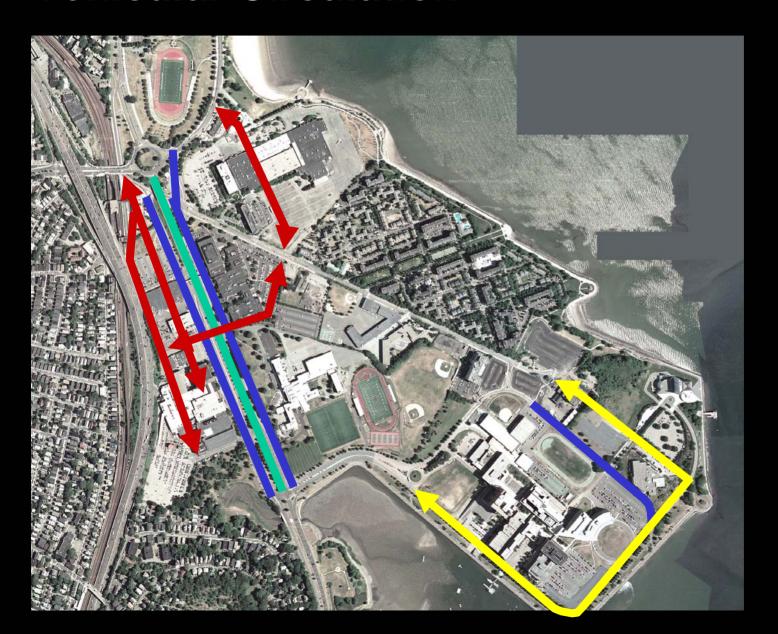
	MBTA	Synergy	CorcJenn	Sovereign	Globe 56	TOTAL	% Total
residential units	190*	700	1,233	675	1,100	3,898	71%
hotel rooms			275	150		425	4%
office SF	540000*	500,000	221,490	291,000		1,012,490	17%
retail SF	7,500	180,000	292,870	46,000		526,370	9%
TOTAL SF	235,500	1,450,000	2,004,895	1,222,000	1,320,000	6,039,160	100%
Parking spaces	120	1,725	2,300	1,350	1,100	6,595	
* MBTA site could accommodate 190 residential units OR 540,000 sf office space							

Church and Schools Parcel

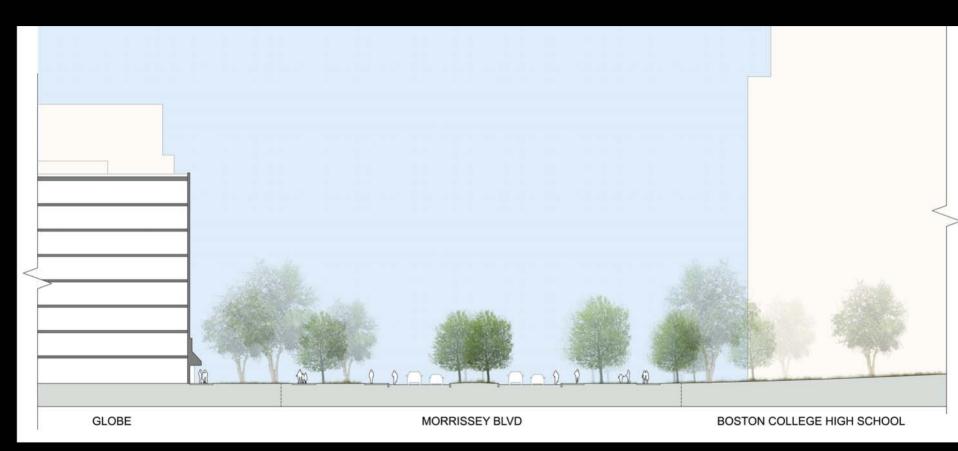


Vehicular Circulation

Vehicular Circulation



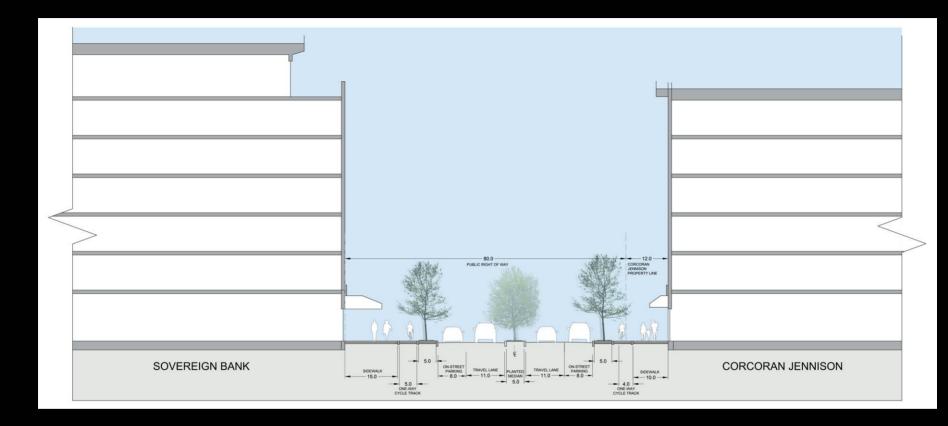
Morrissey Boulevard



4 Travel, 2 Bike, Median



Mount Vernon Street



2 Travel Lanes, Cycle Track



Boulder

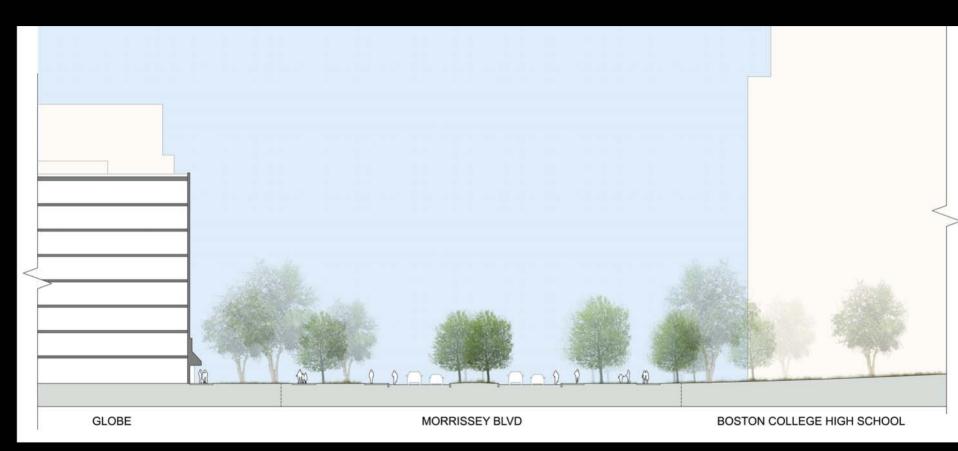


Open Space

Open Space / Connections



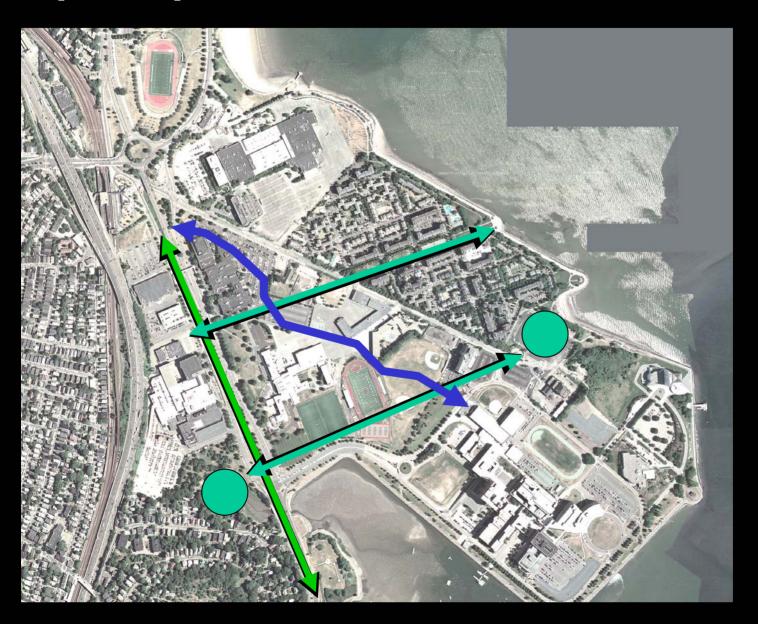
Morrissey Boulevard



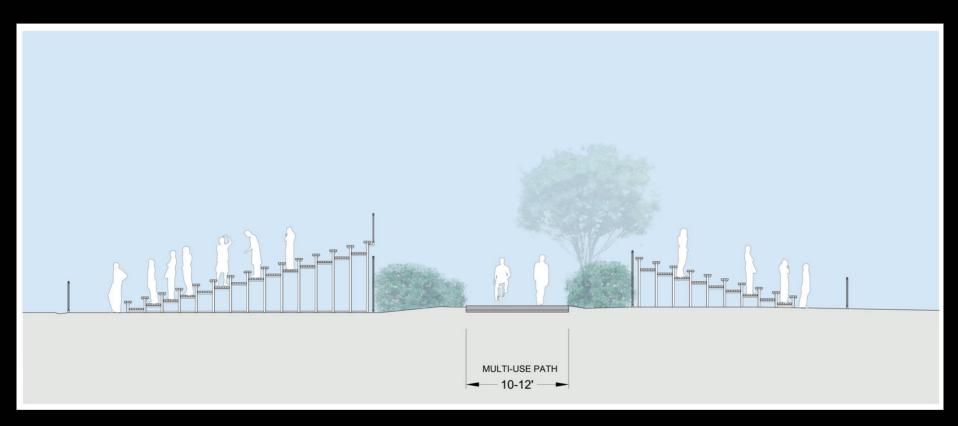
Construction Photo of Morrissey Blvd. at Patten's Cove



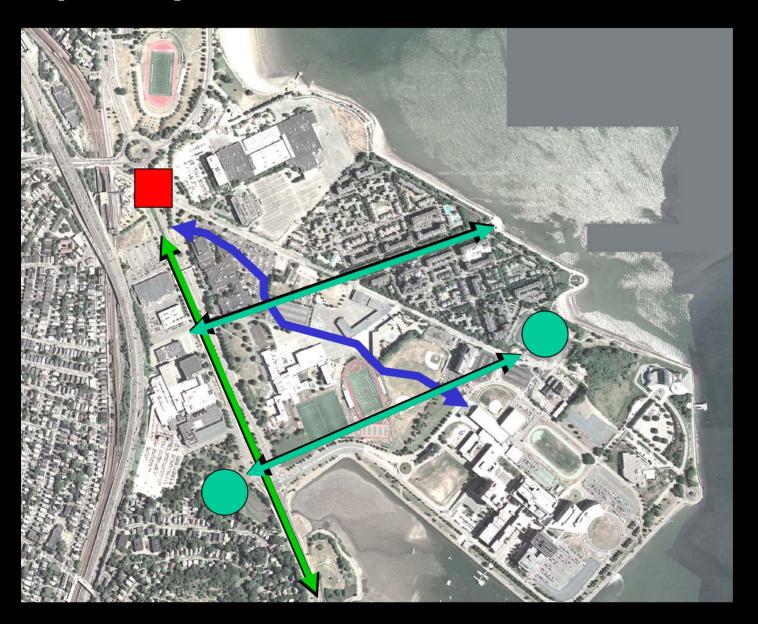
Open Space / Connections



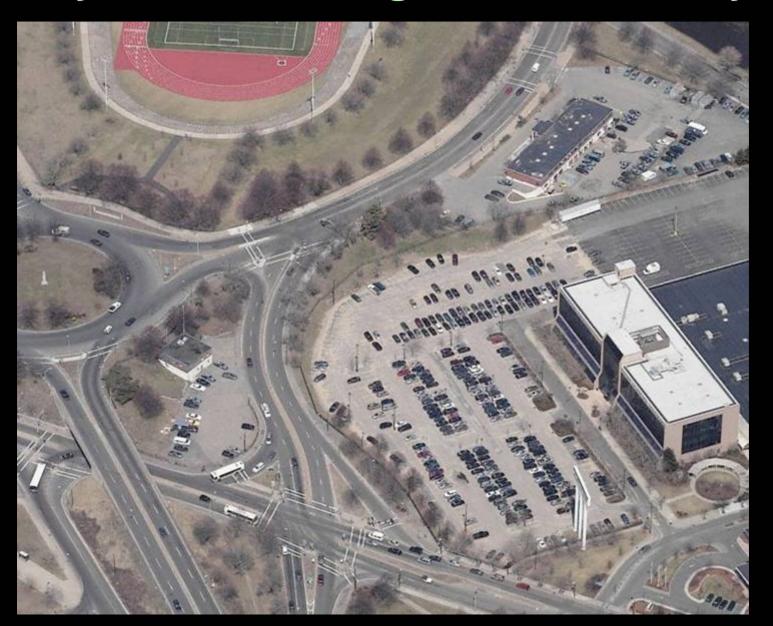
Multi-Use Path



Open Space / Connections



Day Blvd. Crossings to Joe Moakley Park





Plaza Character



Pioneer Square



Kendall Square



Plaza Character



San Antonio

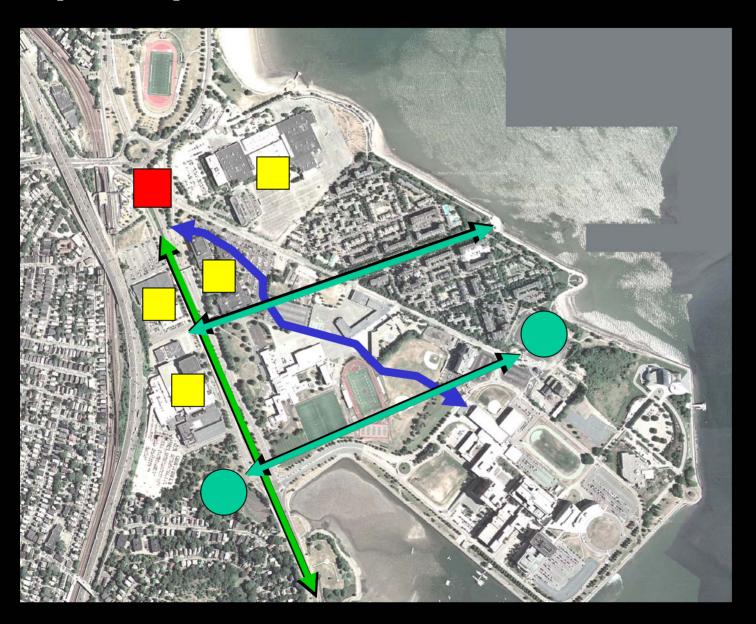


Cambridge



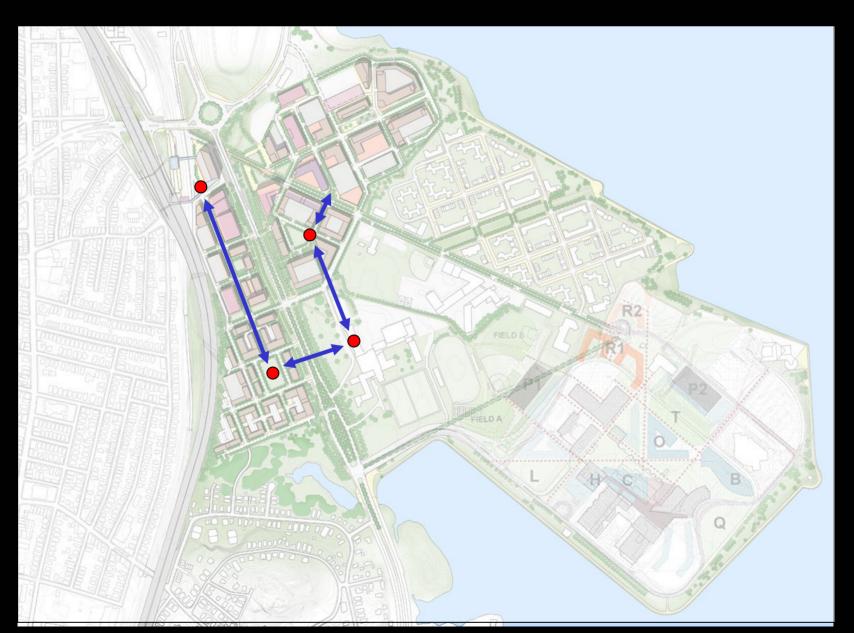


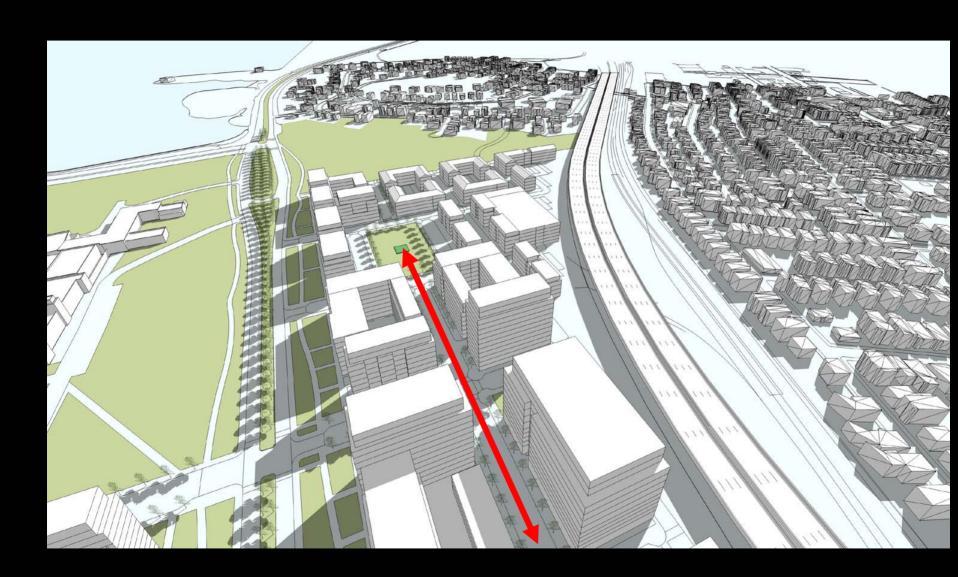
Open Space / Connections

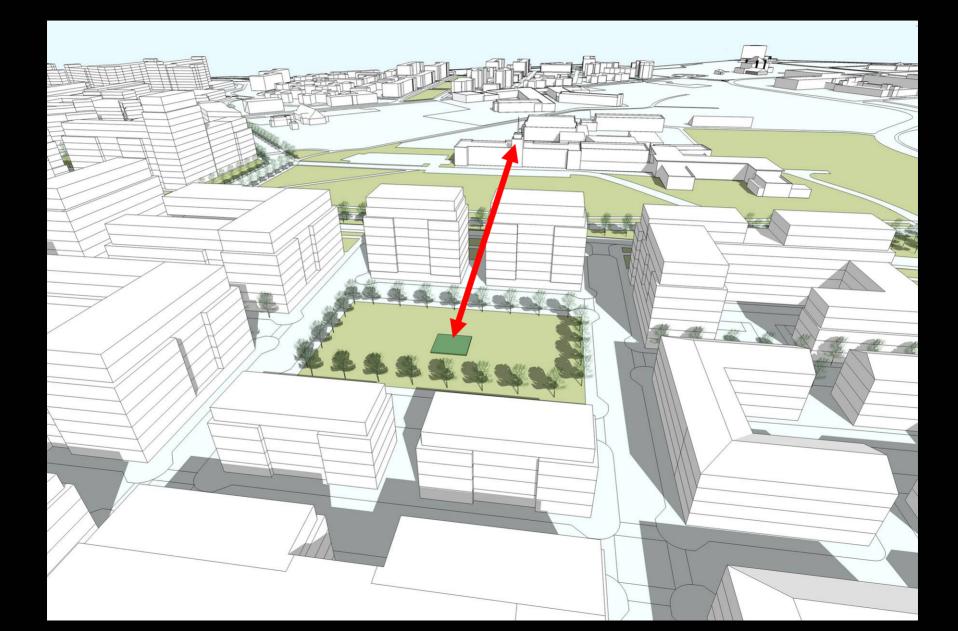




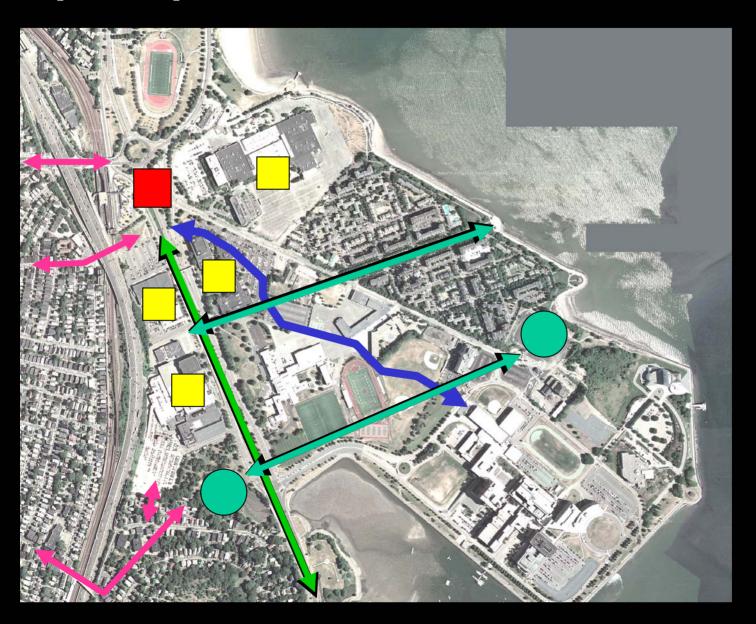
Internal Landmarks



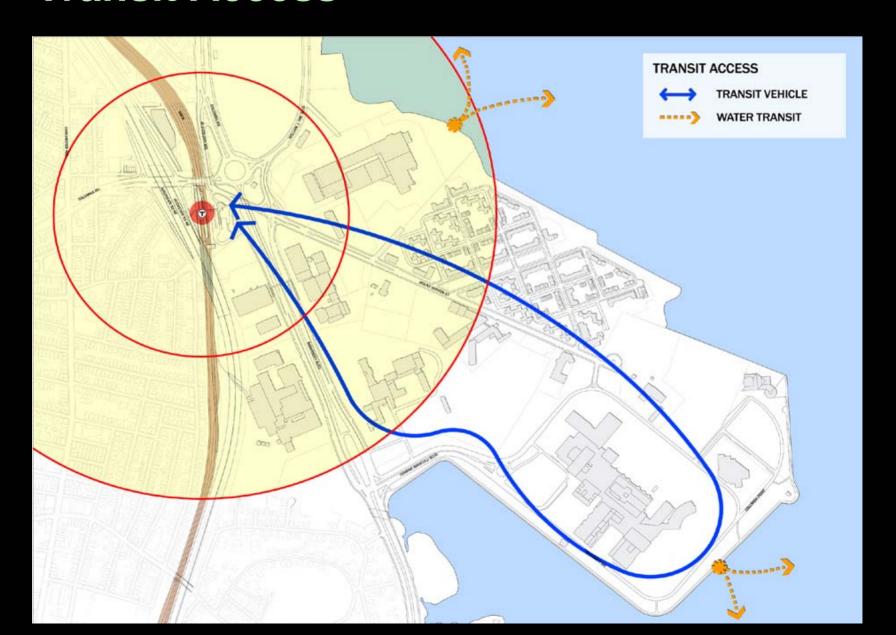




Open Space / Connections



Transit Access

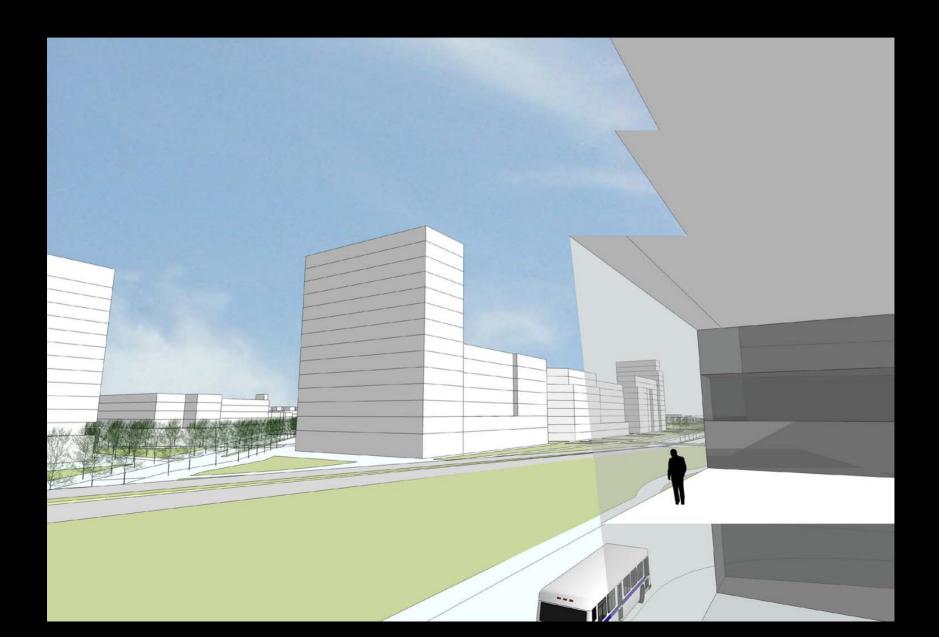


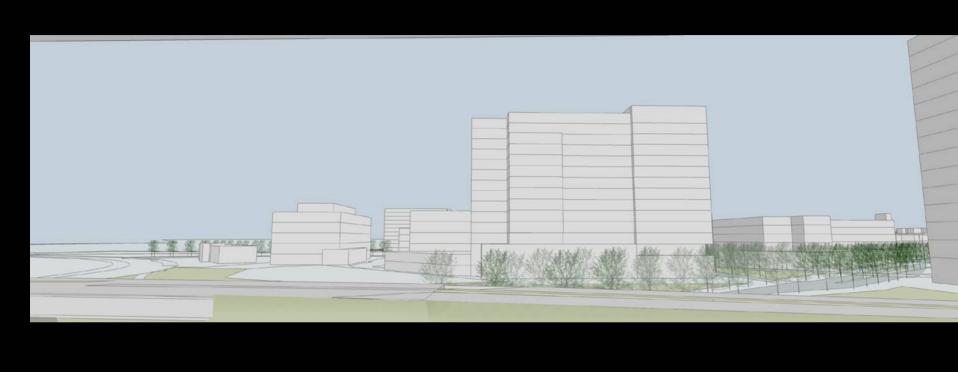




Looking South Along Synergy Internal Street







Building Form

Generalized Building Form



Overview

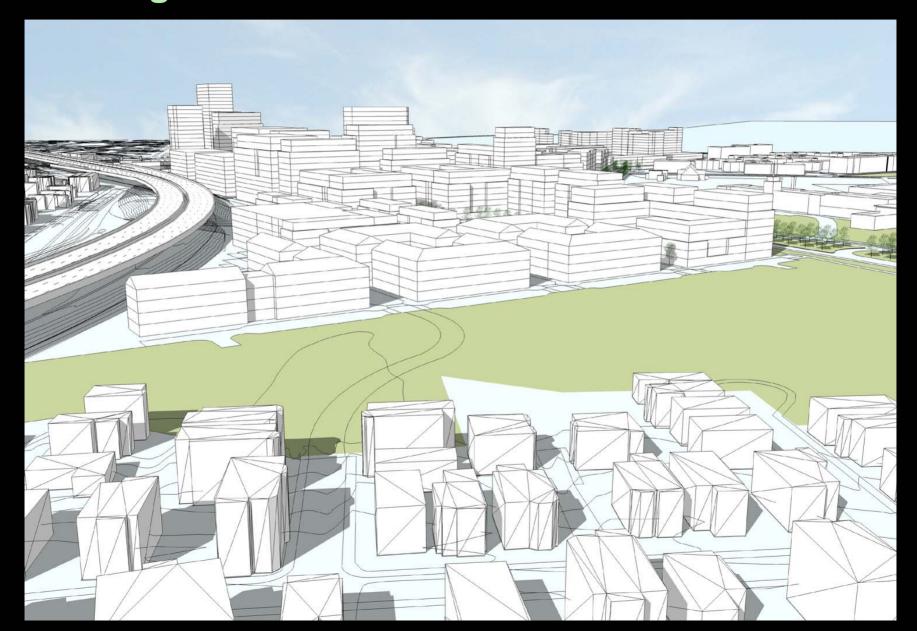


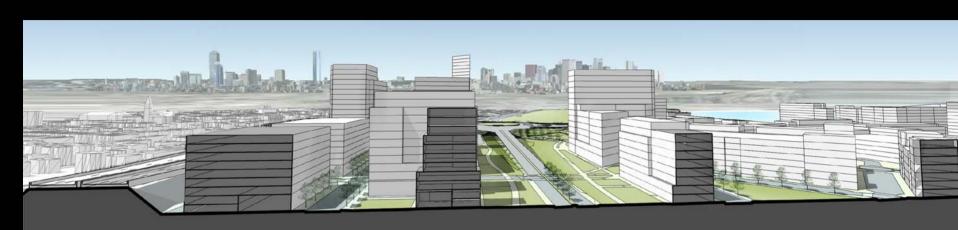






Looking North to Globe Site from Savin Hill





6 Floors, Ground Floor Retail



6 Floors, Ground Floor Retail

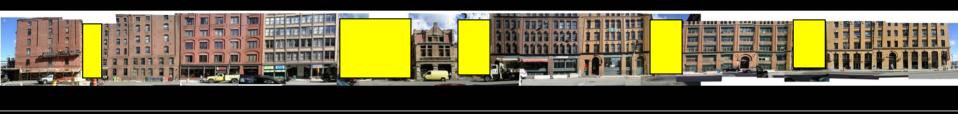


14 Floors, Ground Floor Retail





Sunlight

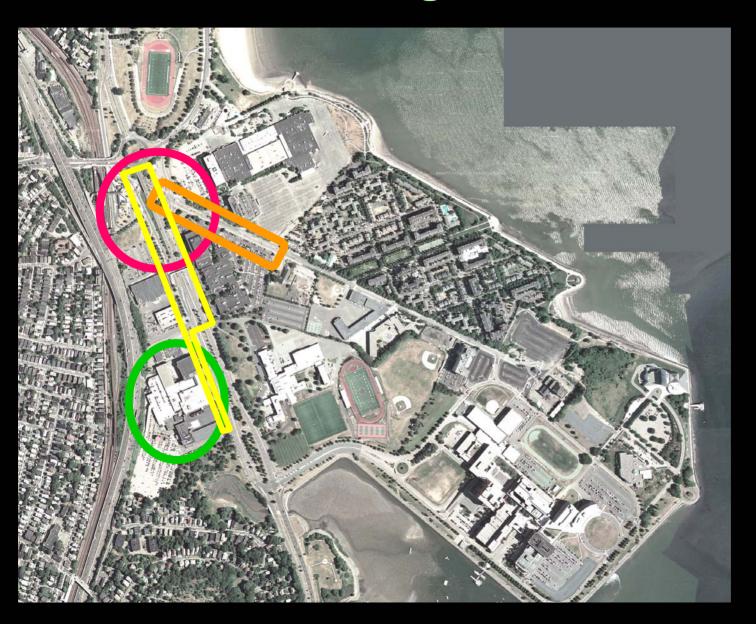




Sunlight



Generalized Building Form

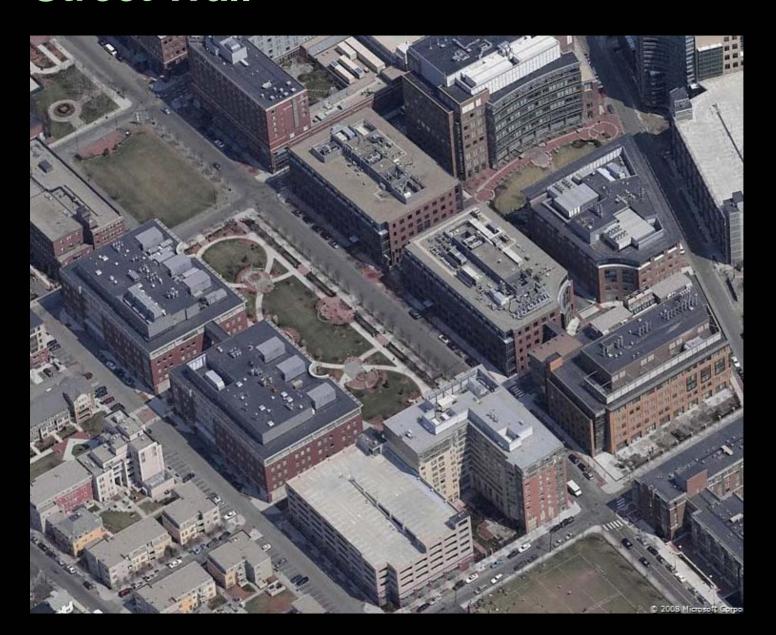


Cornice Lines





Street Wall

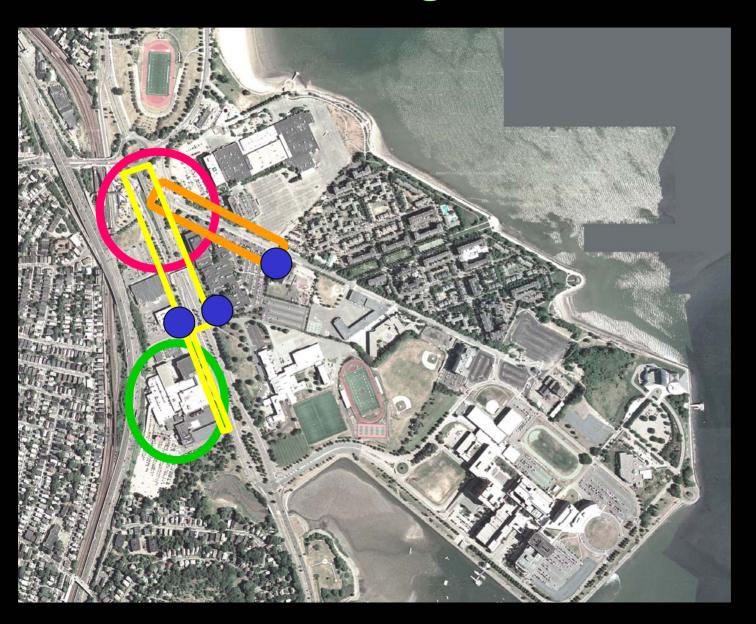




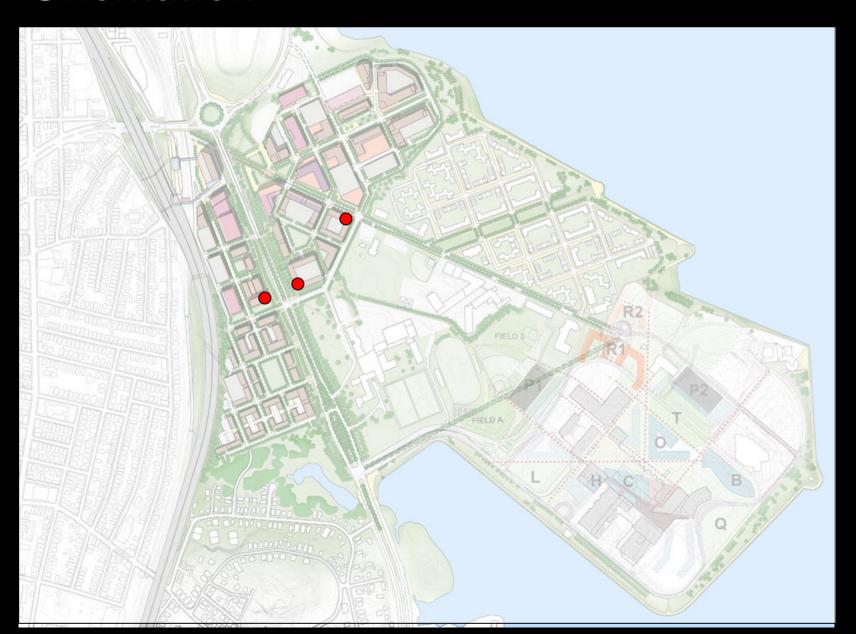
Mt. Vernon Street – Looking West



Generalized Building Form

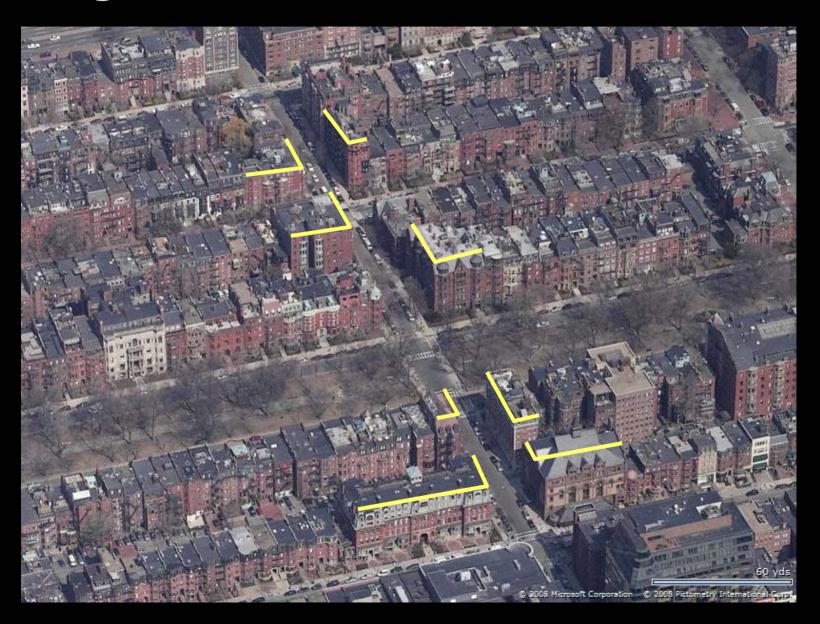


Orientation





Height at Corners



11 Floors: Point Tower



Shadows: March 21, 9 am



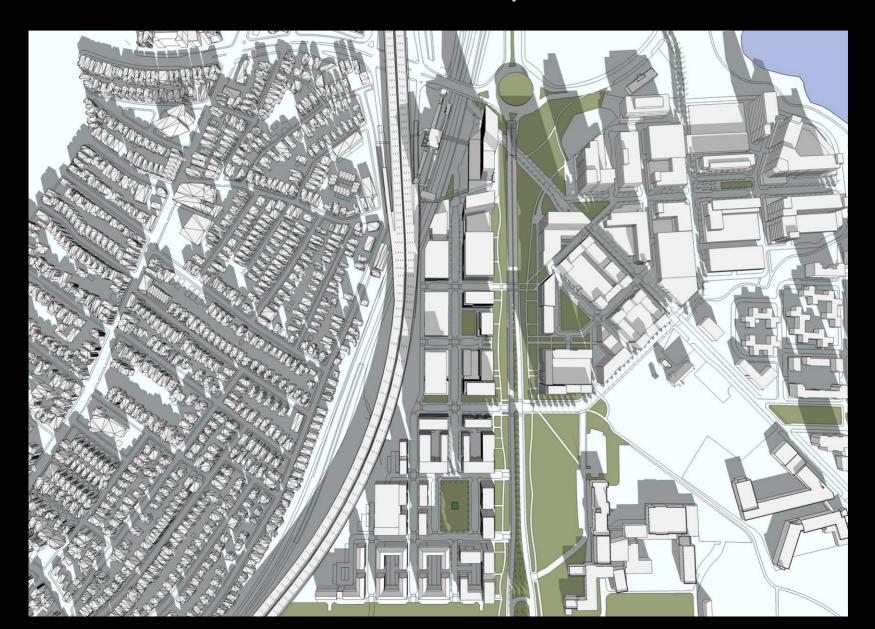
Shadows: June 21, 9 am



Shadows: September 21, 9 am



Shadows: December 21, 9 am





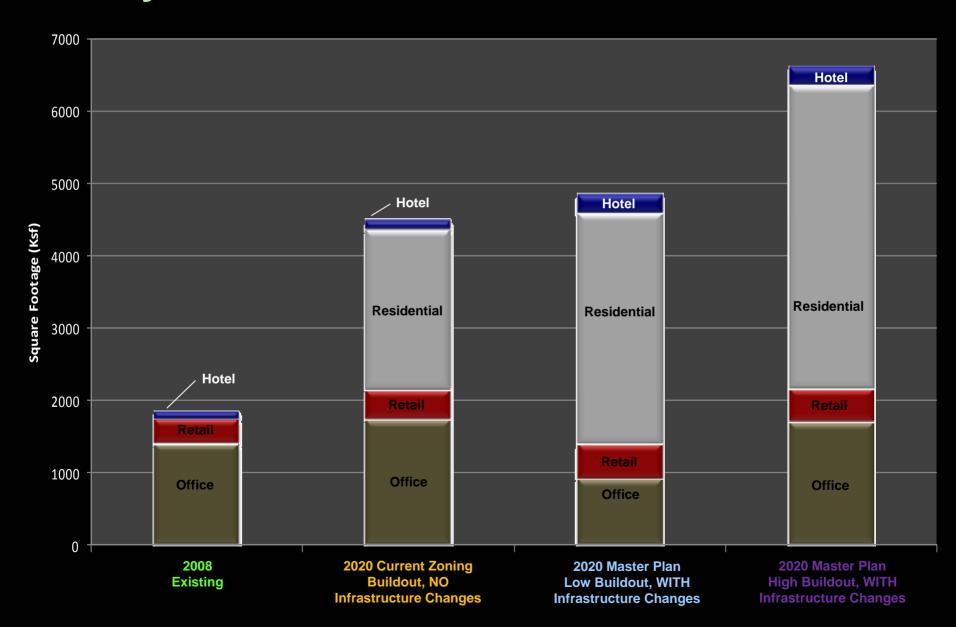
Transportation

Transportation Goals

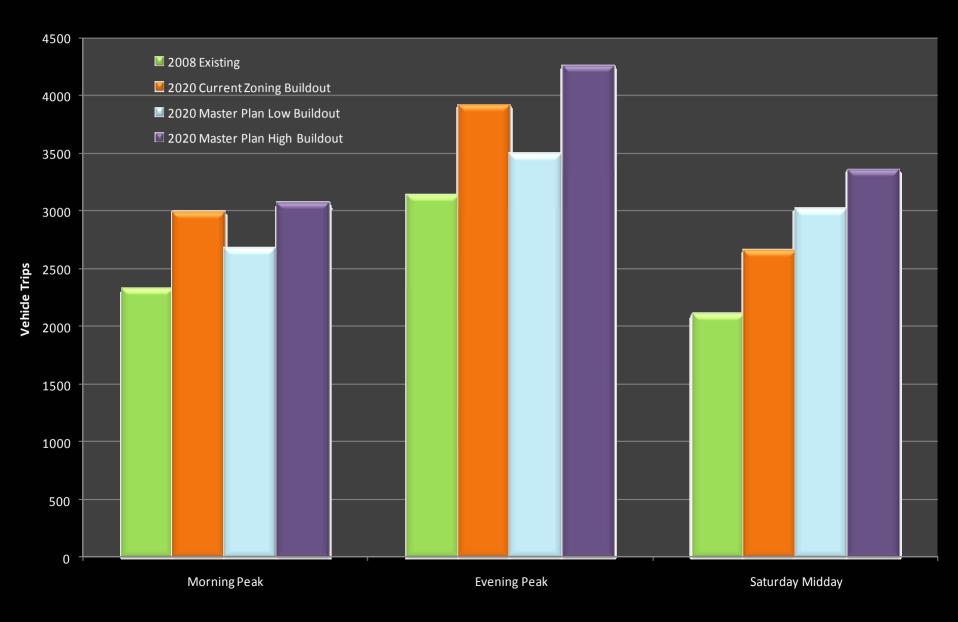
To accomplish the Principles, the Plan needs to incorporate 4 key transportation goals:

- Support a "smart growth" mix of land uses that minimizes vehicular traffic
- Enhance mobility by non-auto modes
- Define a roadway/traffic hierarchy that will benefit local traffic and enhance accessibility
- Identify potential strategies to address key roadway/traffic issues

Analysis Scenarios (Development Parcels)



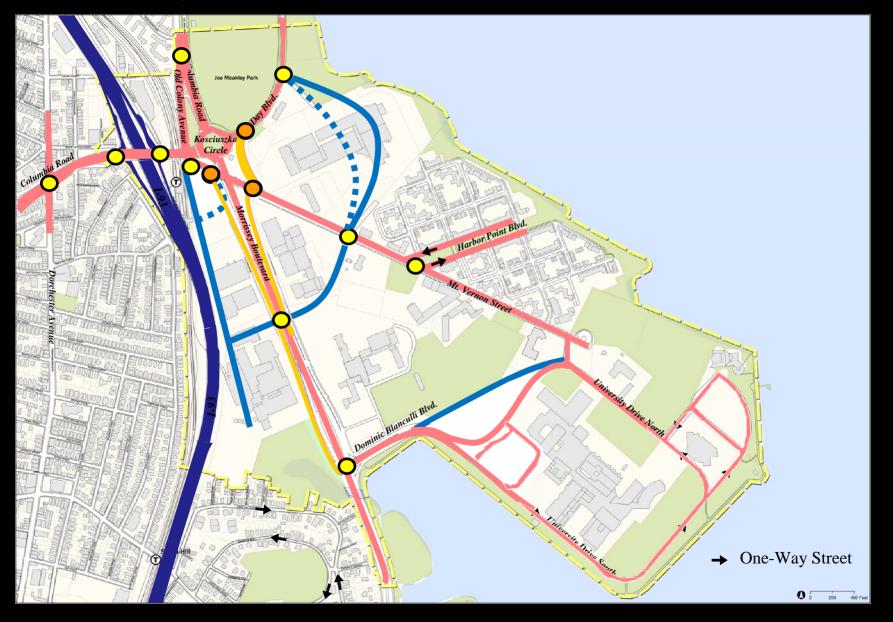
Peak Hour Trip Generation (Development Parcels)



Regional Traffic vs Local Needs

- Local traffic competes with dominant regional traffic
- 80-95 % of traffic at K-Circle is "through" traffic
- 70 % of Morrissey Blvd traffic is "through" traffic
- Adding roadway capacity to address existing deficiencies may not resolve difficulties for local traffic
- Additional capacity on the roadway network may simply be absorbed by regional traffic

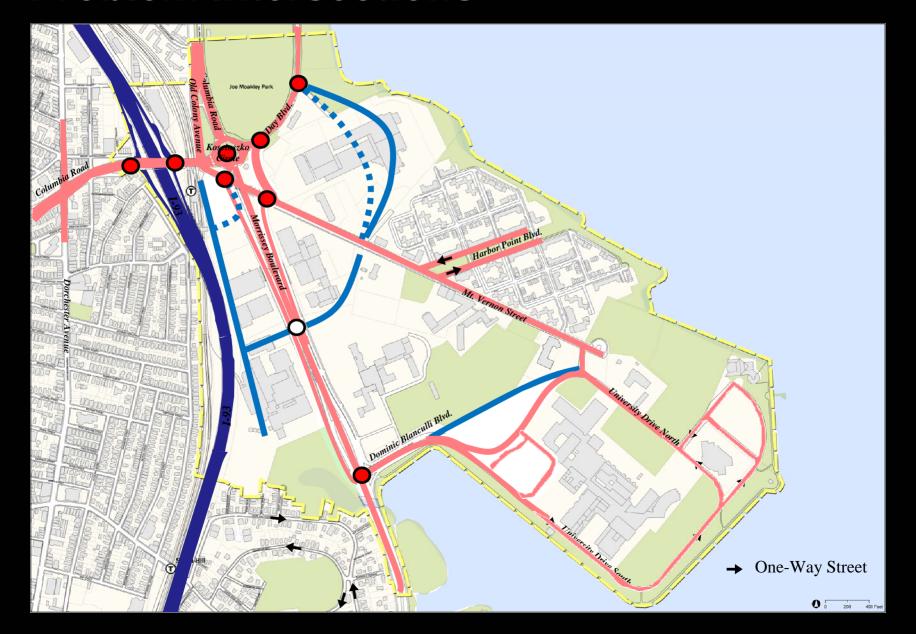
Roadway Network



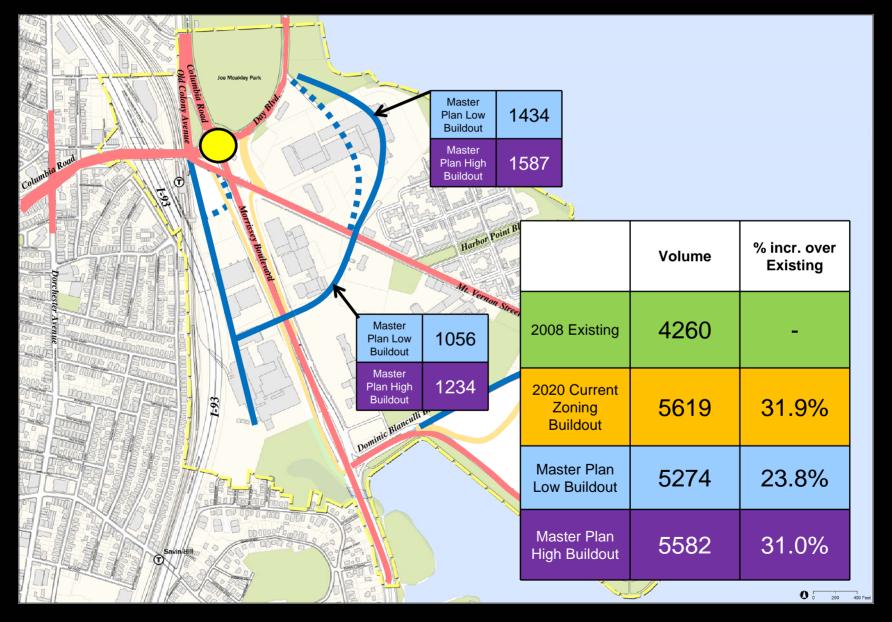
Street Grid



Problem Intersections

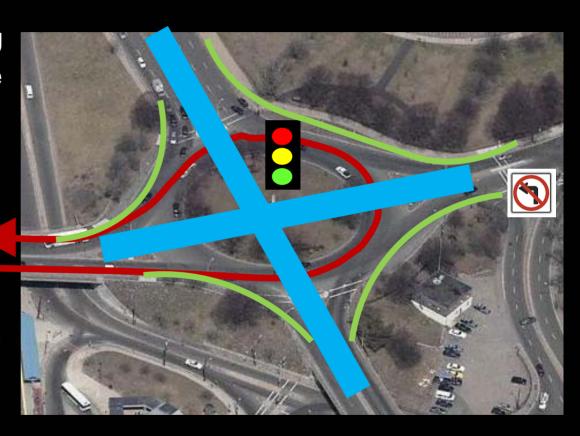


K-Circle Changes in Volume (PM Peak)

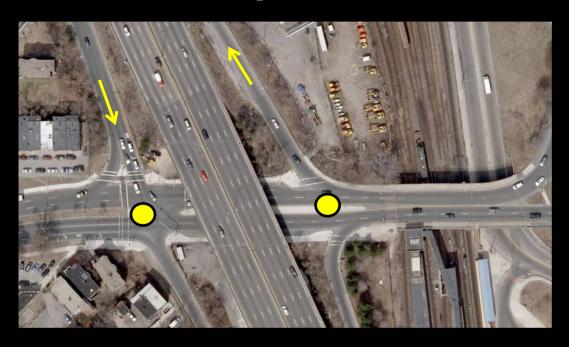


K-Circle Potential Improvement Strategies

- Basic signage and striping
- Eliminate left turn from the Chute (Short-term)
- Eliminate Columbia Road U-turns
- Create "slip lanes"
- Signalization
- Underpass or Overpass
- Relocation/reconfiguration as T-intersection



Columbia Road/I-93 Ramps Potential Improvement Strategies



Southbound Ramp

- Basic signage and striping
- Revise lane designations
- Optimize signal phasing/timing
- Coordinate with N'bound I-93 Ramps

Northbound Ramp

- Basic signage and striping
- Provide 2 lanes on northbound on-ramp
- Right-turn lane on westbound Columbia Road
- Signalize in coordination with southbound ramp intersection
- Break median to allow northbound left-turn to Columbia Road

Morrissey Blvd/Dominic Bianculli Blvd (Umass Drive) Potential Improvement Strategies

- New layout can be designed as needed
- Relocate turning lanes & U-turn to allow simplified signalization
- Pedestrian accommodations



Infrastructure Phasing



What the Transportation Plan Does

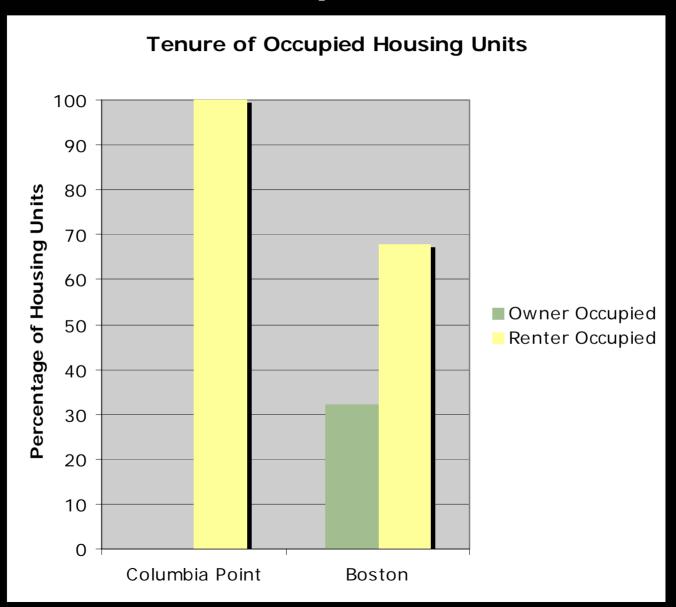
- Reduces trip generation through "Smart Growth"
- Improves mobility for non-vehicular modes, reducing auto trips
- Provides substantial new roadway intended to keep "through" traffic on the regional roadways and improve local access
- Identifies a range of traffic/roadway improvement strategies for problem locations
- Allows development and infrastructure to be phased

Housing

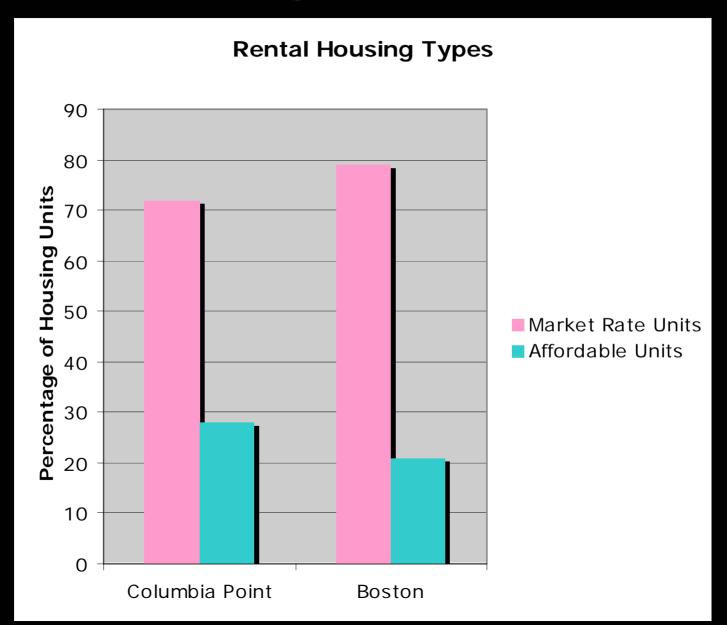




Rental vs. Ownership



Affordable Housing



Sustainability







