

Greenway/Downtown

A 21st Century Transportation Agenda

BOSTON TRANSPORTATION DEPARTMENT

JUNE 2009

OVERVIEW

THE GREENWAY TODAY

Pedestrian friendly environment

Convenient access to transit

Real-time traffic monitoring

THE FUTURE OF THE GREENWAY

Improved bicycle access + bike share stations

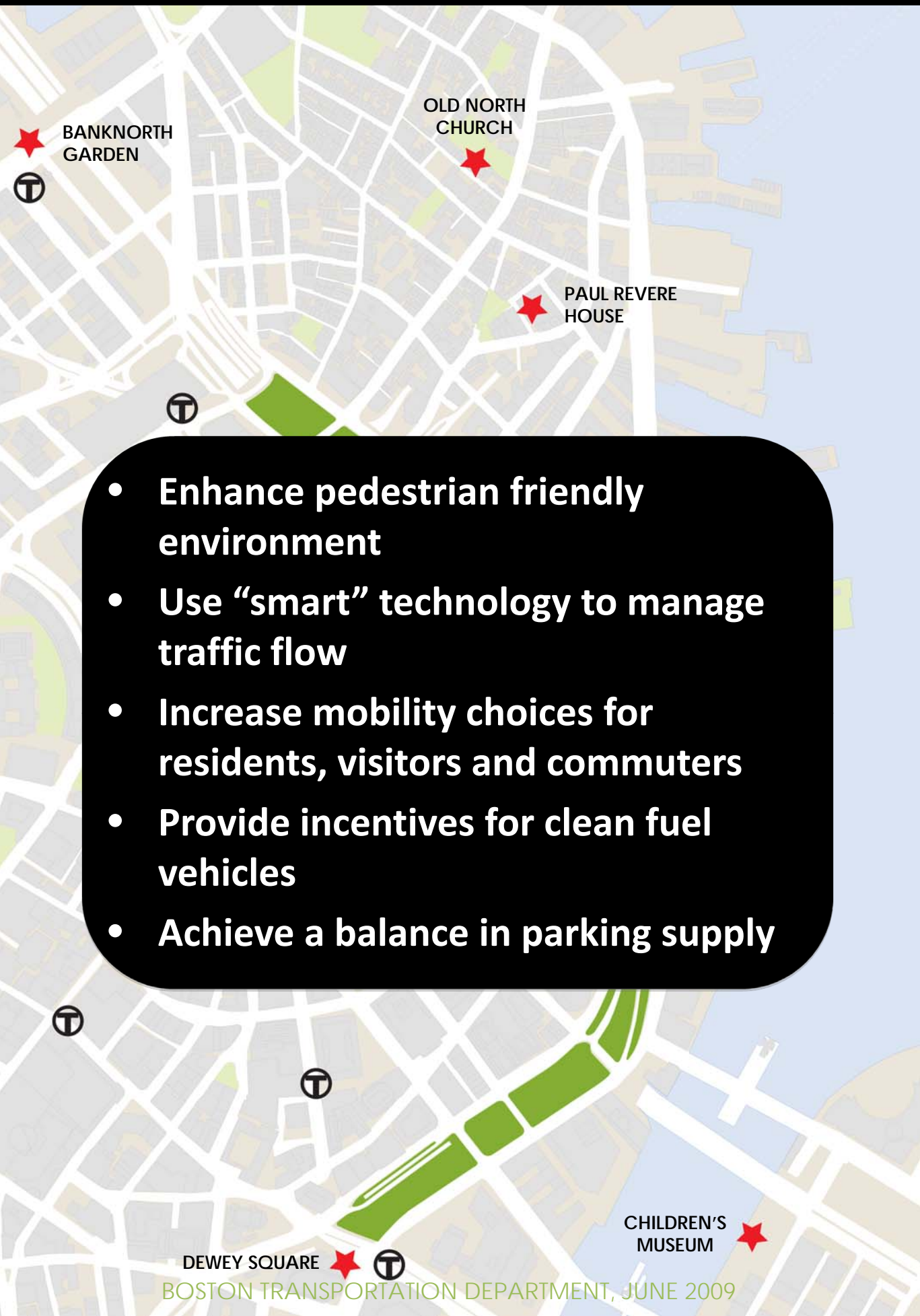
Electric vehicle infrastructure + mobility hubs

Traffic signal retiming

Updated parking policy

Greenway Shuttle

GREENWAY GOALS



BANKNORTH GARDEN

OLD NORTH CHURCH

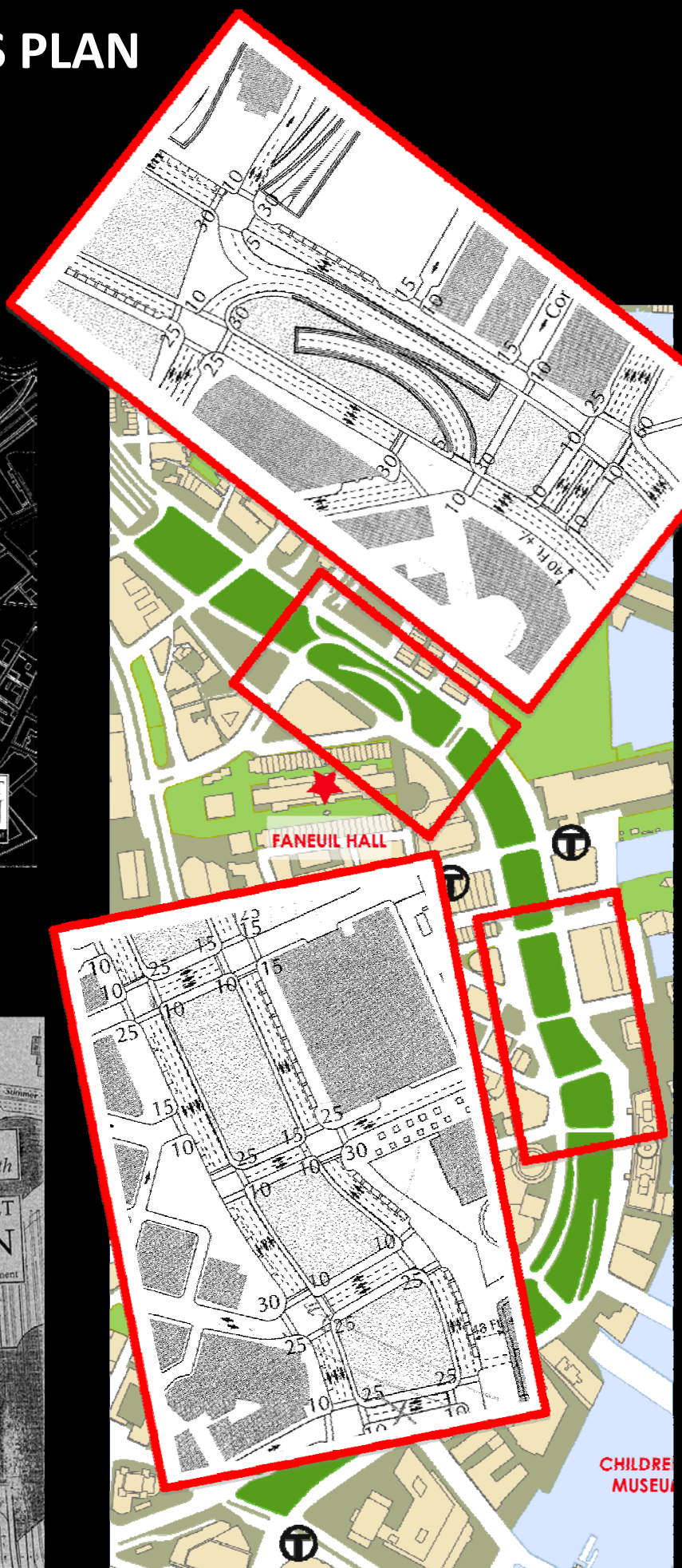
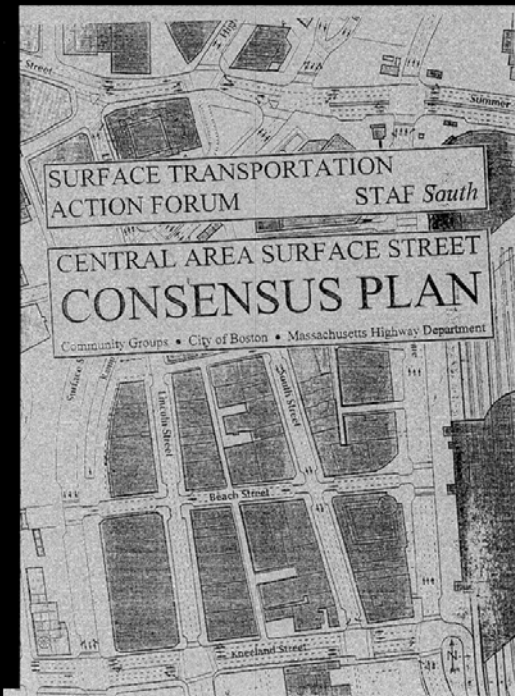
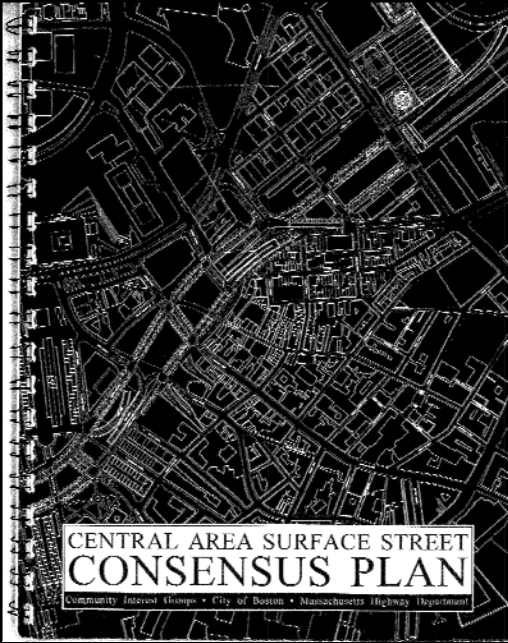
PAUL REVERE HOUSE

- Enhance pedestrian friendly environment
- Use “smart” technology to manage traffic flow
- Increase mobility choices for residents, visitors and commuters
- Provide incentives for clean fuel vehicles
- Achieve a balance in parking supply

DEWEY SQUARE

CHILDREN'S MUSEUM

STAF CONSENSUS PLAN (1995)



GREENWAY TODAY

A Pedestrian Friendly Environment

MINIMUM SIDEWALK DIMENSIONS



15' 7" Sidewalk Width



IMPROVE PEDESTRIAN CROSS CORRIDORS



BANKNORTH GARDEN

OLD NORTH CHURCH

PAUL REVERE HOUSE

GOVERNMENT CENTER

FANEUIL HALL

AQUARIUM

OLD STATE HOUSE

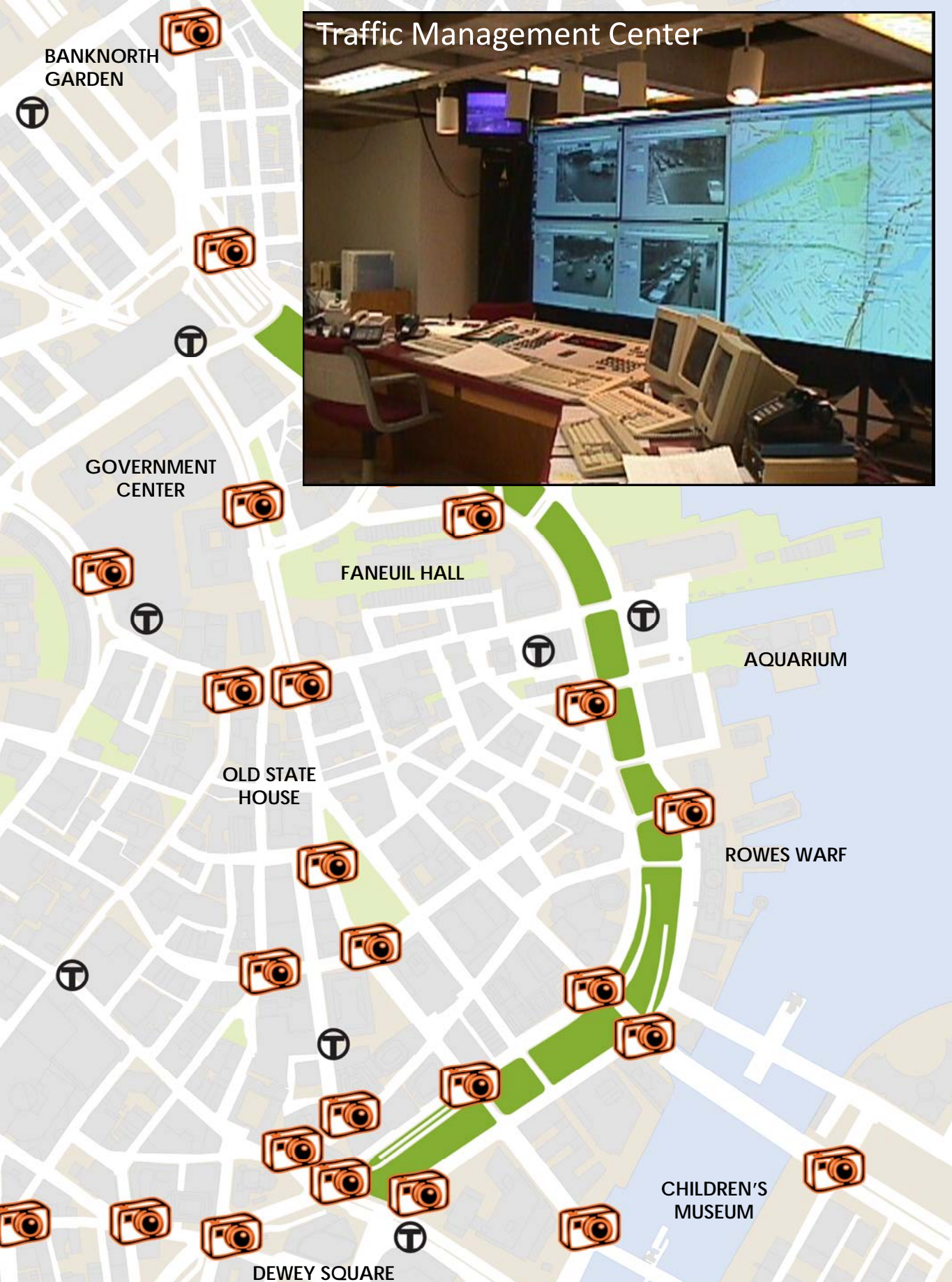
ROWES WARF

CHILDREN'S MUSEUM

DEWEY SQUARE

REAL TIME TRAFFIC MANAGEMENT

Existing PTZ Cameras



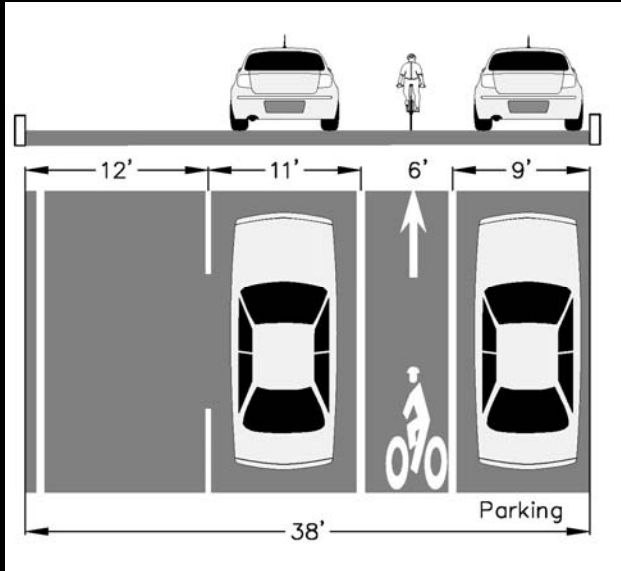
PROPOSED BICYCLE NETWORK

Connecting Bicycle Routes

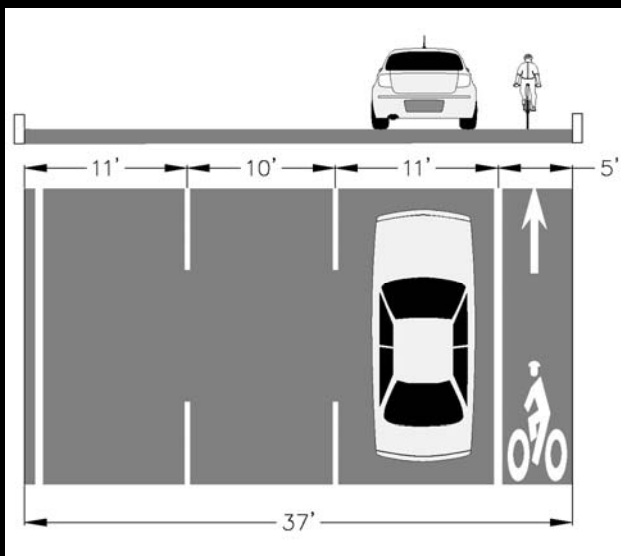


BICYCLE ACCESS

Atlantic Avenue Cross Sections



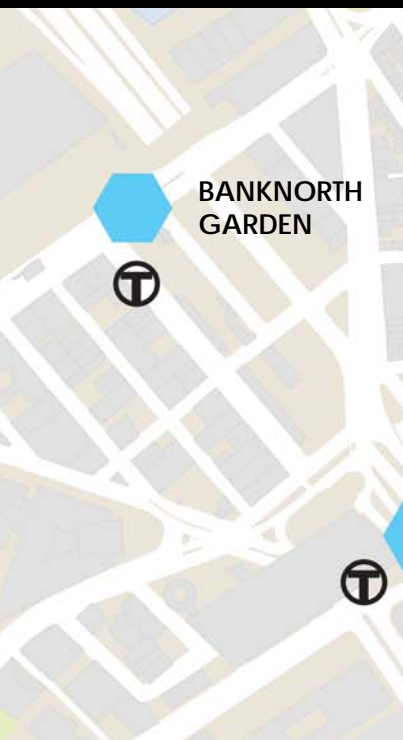
Oliver St. to High St.



Pearl St. to Oliver St.



BICYCLE SHARE STATIONS



BANKNORTH
GARDEN



London Bike Share



GOVERNMENT
CENTER

FANEUIL HALL

AQUARIUM

ROWES WARF

DOWNTOWN
CROSSING

POST OFFICE
SQUARE

DEWEY SQUARE

CHILDREN'S
MUSEUM

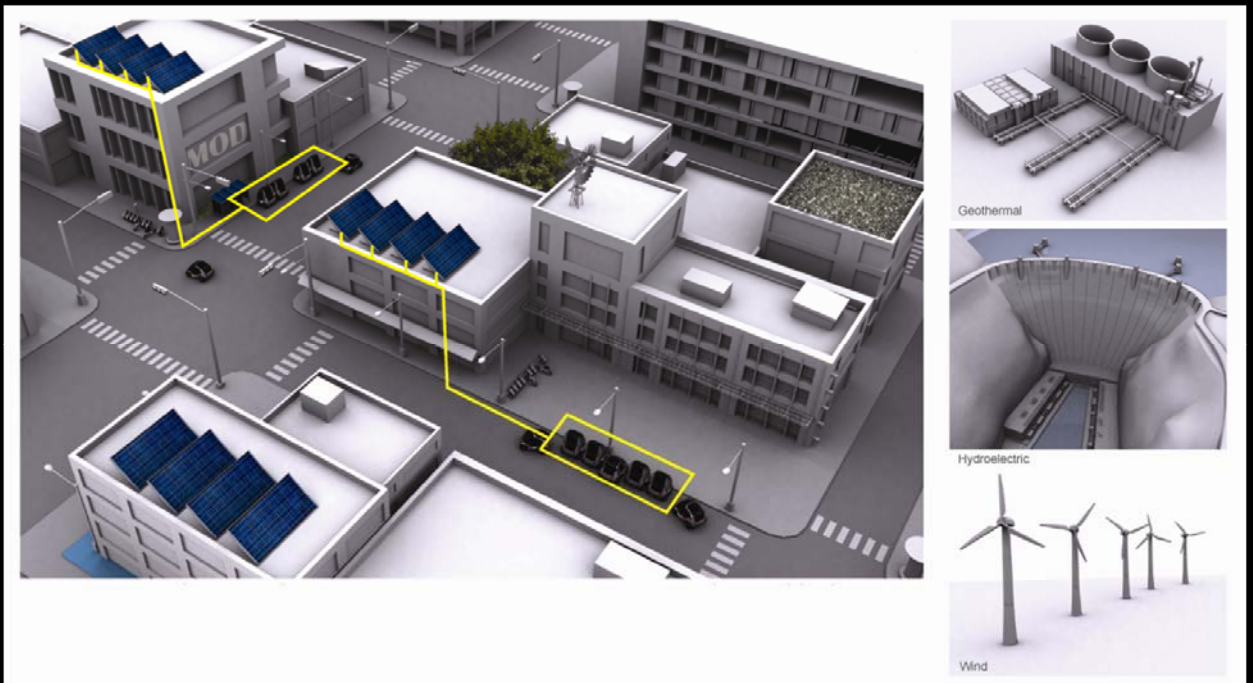
ELECTRIC VEHICLE INFRASTRUCTURE

Basics

Plug-in Stations



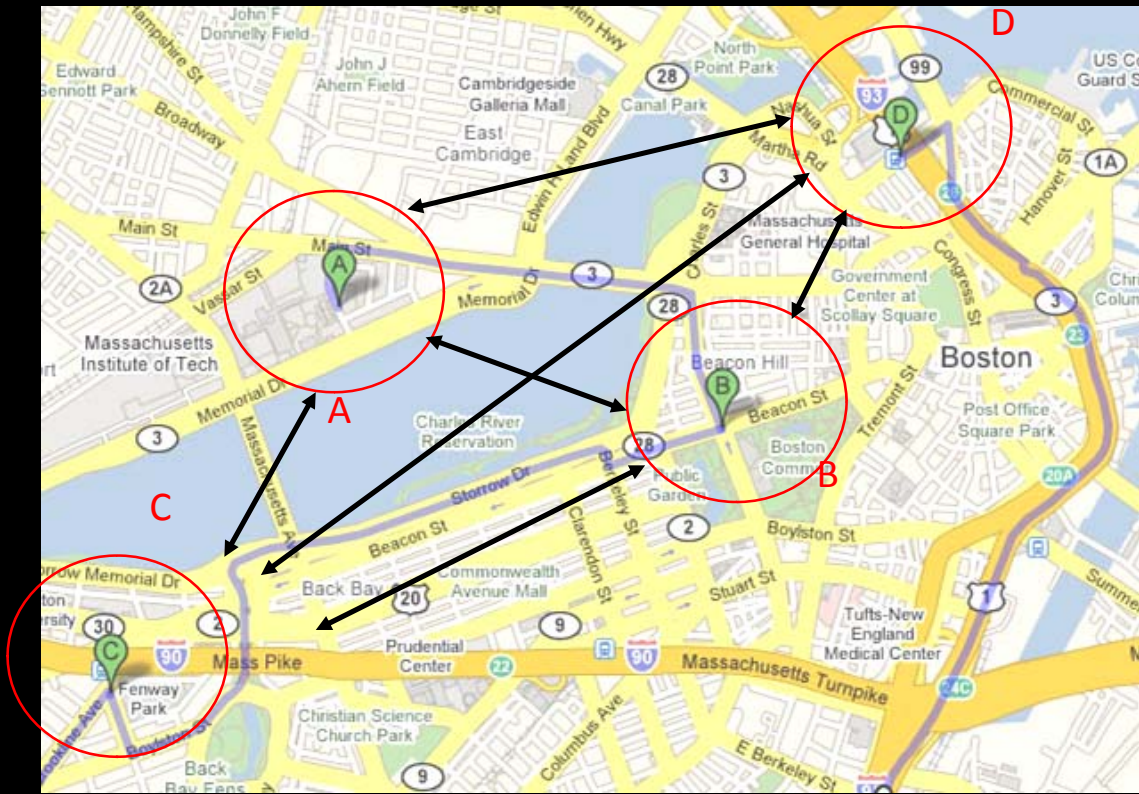
Smart Grid



ELECTRIC VEHICLE INFRASTRUCTURE

City Partnership with MIT Media Lab Smart Cities

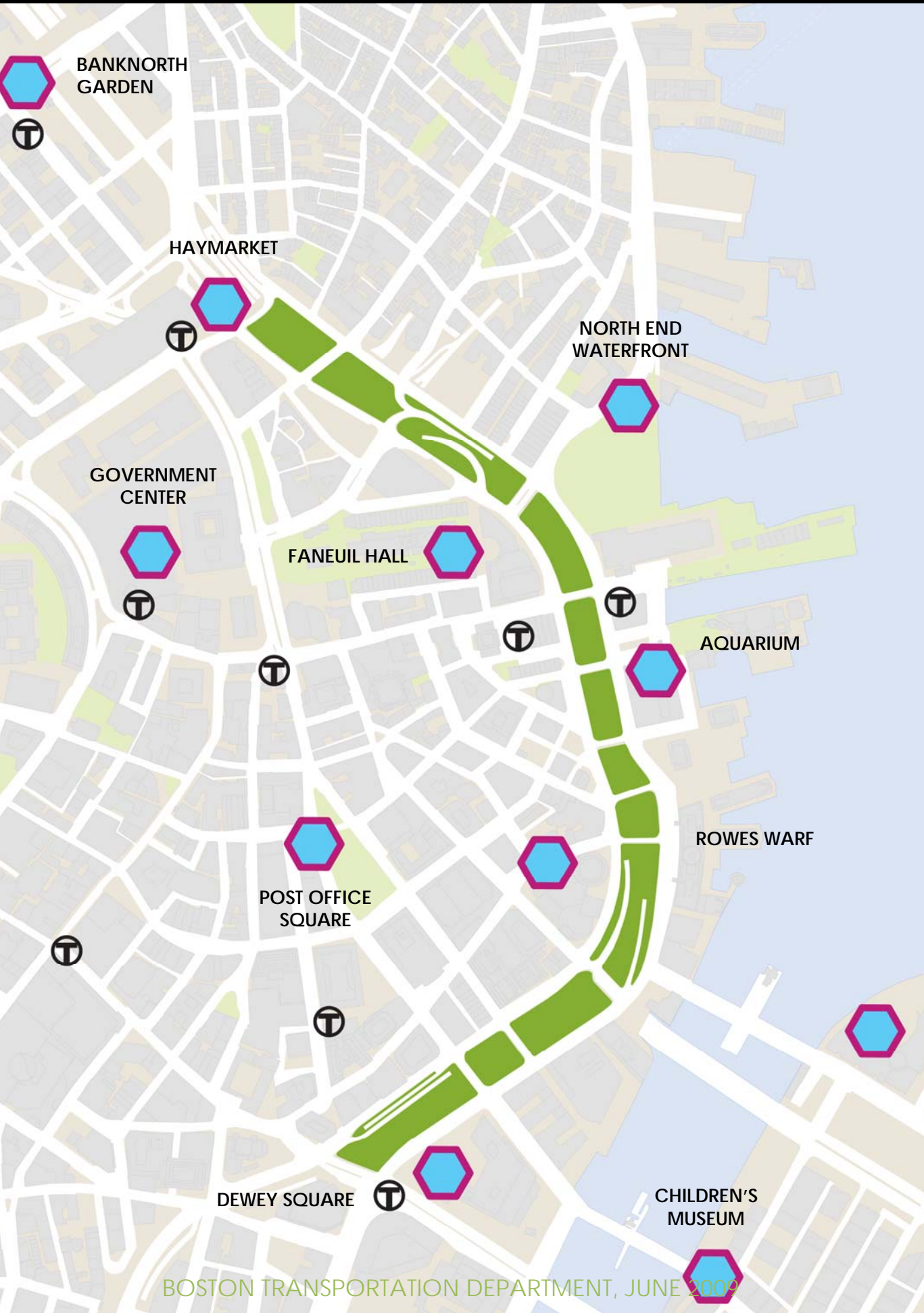
Mobility-on-Demand



BOSTON TRANSPORTATION DEPARTMENT, JUNE 2009

MOBILITY HUBS

Bike Share + Electric Charging + Info Kiosks



PARKING GOALS



- Create the right balance in parking supply to reduce congestion and support development
- Focus on reducing vehicle trips when allocating parking spaces for different land uses
- Use latest technologies to manage parking
- Distribute parking to minimize congestion

PARKING POLICY IMPLEMENTATION

Boston Transportation Department

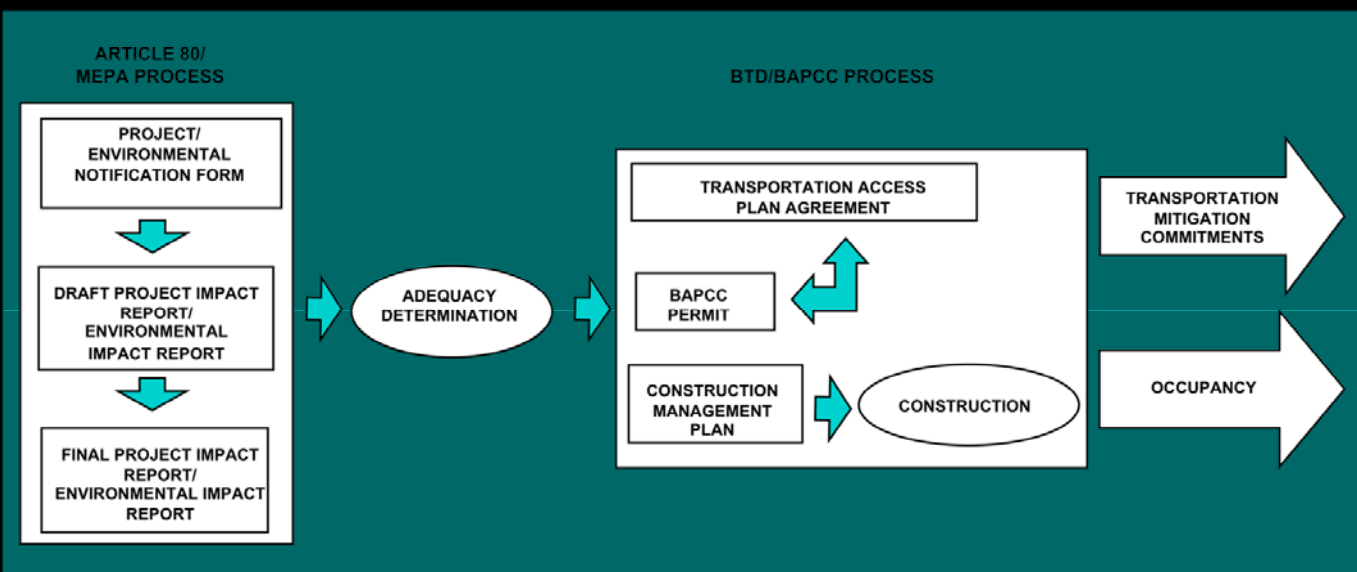
Transportation Access Plan Agreement (TAPA) for parking spaces, site plan, and TDM commitments

Boston Environment Department

Parking Freeze

BRA Zoning Commission and ZBA

Article 80 Zoning



EXISTING MAXIMUM PARKING RATIOS

LOCATION	Office/Non-residential Spaces/1000 Sq Ft	Residential Spaces / Unit	Hotel Spaces / Unit
Financial District/Government Center/Bullfinch Triangle, North End, West End/Massachusetts General Hospital, Beacon Hill, Chinatown/Leather District, Bay Village, Back Bay, South End(West of Tremont Street)	0.4	0.5 – 1.0	0.4
South End(East of Tremont Street), Boston Medical Center, Lower Roxbury/Crosstown, Dudley Square, Mission Hill	0.75 – 1.0	1.0 – 1.5	0.4
Dudley Square, Mission Hill	0.75 – 1.0	0.5-1.0	0.4
Longwood Medical Area, West Fenway/Kenmore, East Fenway	0.75	0.75	0.4
South Boston Waterfront	Down to 0.7	1.0 – 1.5	0.4
Allston/Brighton, Charlestown, Dorchester, East Boston, Jamaica Plain, Mattapan, Roxbury, South Boston(residential neighborhood)	<u>Distant from MBTA Station</u> 1.0 – 1.5 <u>(Near MBTA Station</u> 0.75 – 1.25	<u>Distant from MBTA Station</u> 1.0 – 1.5 <u>Near MBTA Station</u> 0.75-1.25	
Hyde Park, Roslindale, West Roxbury	1.0 – 1.5	1.0 – 1.5	

- Sustain district-wide parking ratio of 0.40 or less
- Encourage proponents to seek shared-parking
- Require bicycle racks and shower facilities

REVISE DOWNTOWN PARKING FREEZE



TODAY

- Downtown freeze caps “public parking” at 35,000
- “Public parking” is parking open to the general public for a fee
- Ancillary and residential parking is exempt

IN THE FUTURE

- New rules and inventory including transfer of parking spaces

PROVIDE REAL-TIME PARKING INFORMATION

Multi-Space Parking Meters



- Consistent off-street parking rates within the district to reduce “cruising”
- Web-based real-time information on parking availability and prices
- Lower short-term parking rates in garages and higher two-hour meter rates
- Require all vehicle queuing and loading on-site

Find Parking

Looking for Parking?
Find everything you need to know about [garages and lots](#) in Center City and University City, [parking](#) and [flight status](#) at Philadelphia International Airport, and [on-street](#) parking information.

Select a destination or enter an address below to find parking right now!

Popular Destinations or

Smart Cards

Pay for Parking With a Smart Card
Prepaid Smart Cards are the convenient way to pay for parking at more than 14,500 meters around Philadelphia.
[More Information](#)

Pay Violations

Pay a Parking Ticket or Red Light Violation
Pay online right now!
[More Information](#)

Real Time Parking Website

ENHANCE TDM REQUIREMENTS

Mobility Hubs On-Site

- Bike share stations to accommodate City of Boston program
- Electric Vehicle Charging Stations (2/50 spaces)
- Information kiosks

Parking cash-out incentives and subsidized transit passes

Require spaces for carpools, car-share, vanpools

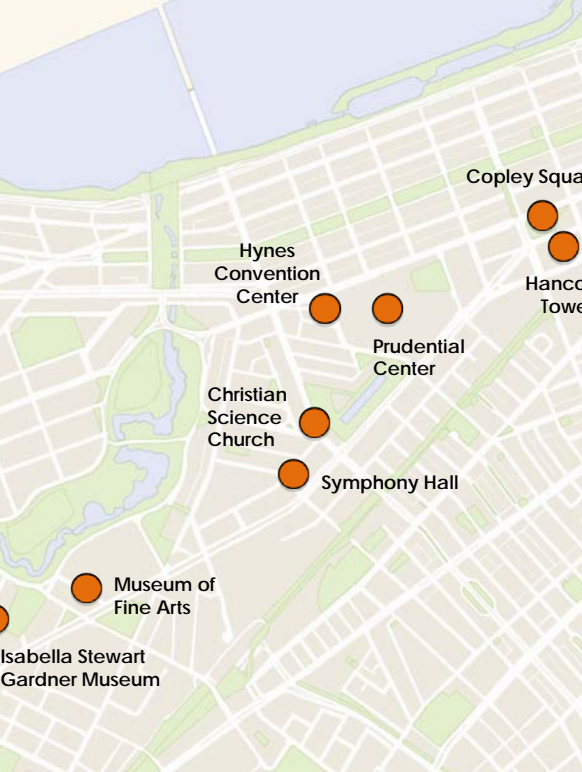
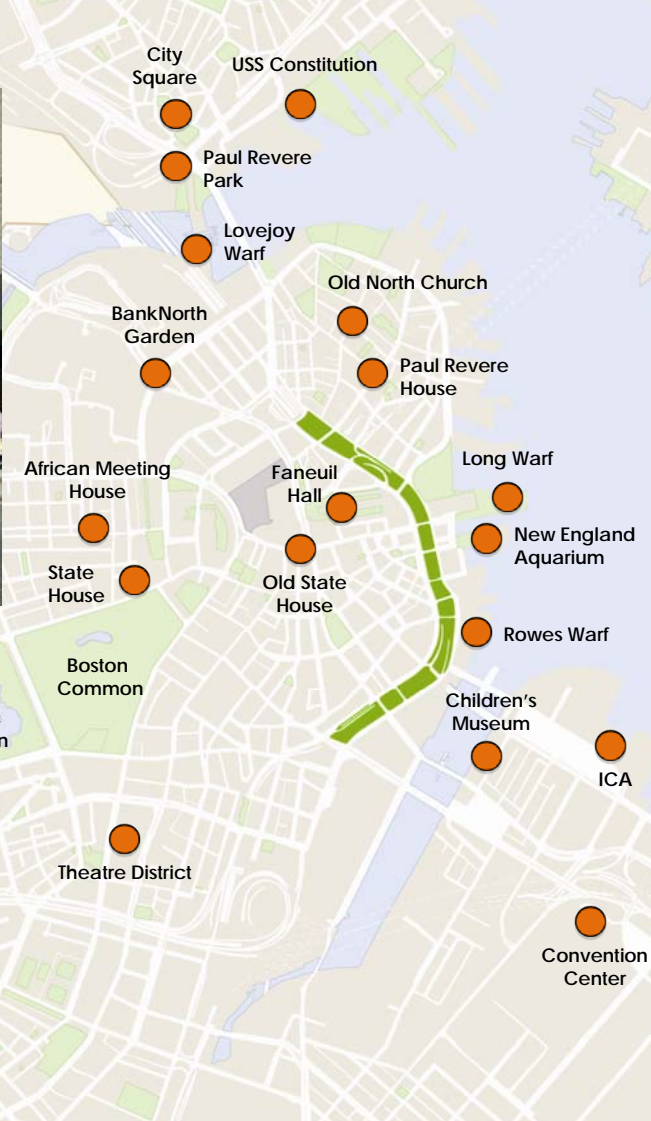
Secure parking indoor and/or outdoor parking for bicycles



Electric Vehicle/Hybrid Priority Parking

TOURISM TRANSPORTATION

Major Downtown Tourist Destinations



GREENWAY SHUTTLE

Route and Stops



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