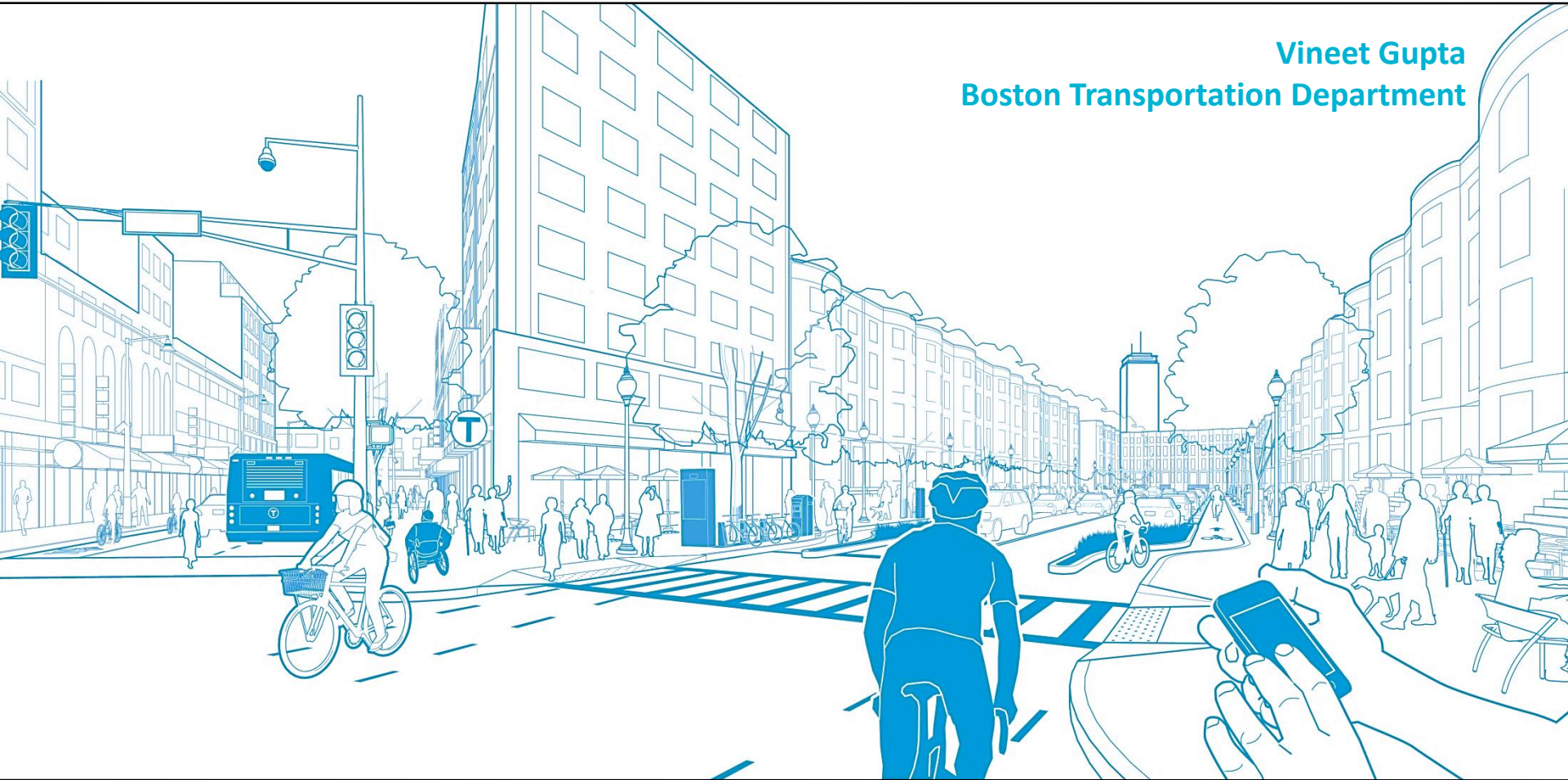


Smart Mobility

Vineet Gupta
Boston Transportation Department



**Go Boston 2030 will envision
Boston's long-term transportation
future through **transformative
policies and projects** and an
inclusive public engagement process**

Vision: Mode Share Aspirations

Boston Commuters	Share Today	2030 Aspirational
Public Transit	33%	Up by a third
Walk	14.5%	Up by almost half
Bike	1.9%	Increases fourfold
Carpool	5.4%	Declines marginally
Drive Alone	40.6%	Down by half
Other, WFH	4.5%	Slight increase in WFH

Vision: Goals and Targets

Access

All households within 10 min walk of transit, Hubway, and carshare (42% today)

Sustainability

Reduce GHG emissions from transportation by 25%

Reliability

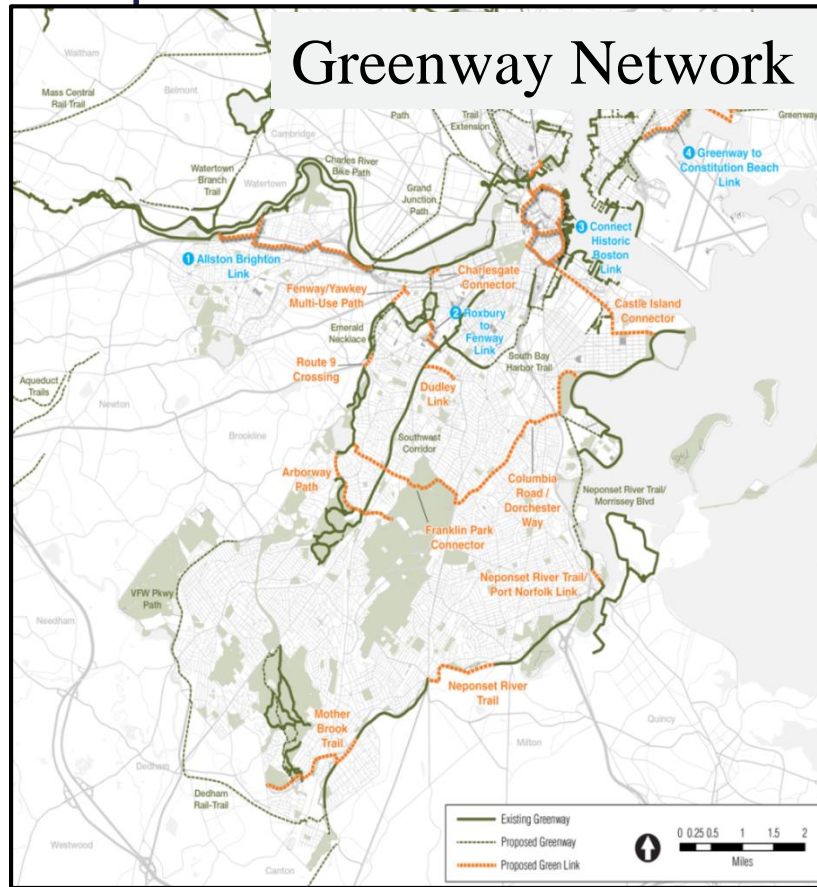
Transit riders wait and travel times on schedule 90% of the time

Action Plan Long-Term

Mobility Hubs

Critical Roadways

Transit Network



Multimodal, Green and Smart

Boston's Complete Streets

Bus Lanes and Transit Prioritization 

Intelligent Signals and Traffic Cameras 

Bicycle and Car Share Stations 

Minimum Lane Widths 

Rain Gardens 

Street Trees 



Electric Vehicle Charging Stations 

Ease of Maintenance 

Accessible Surfaces 

Permeable Surfaces 

Smart Meters 

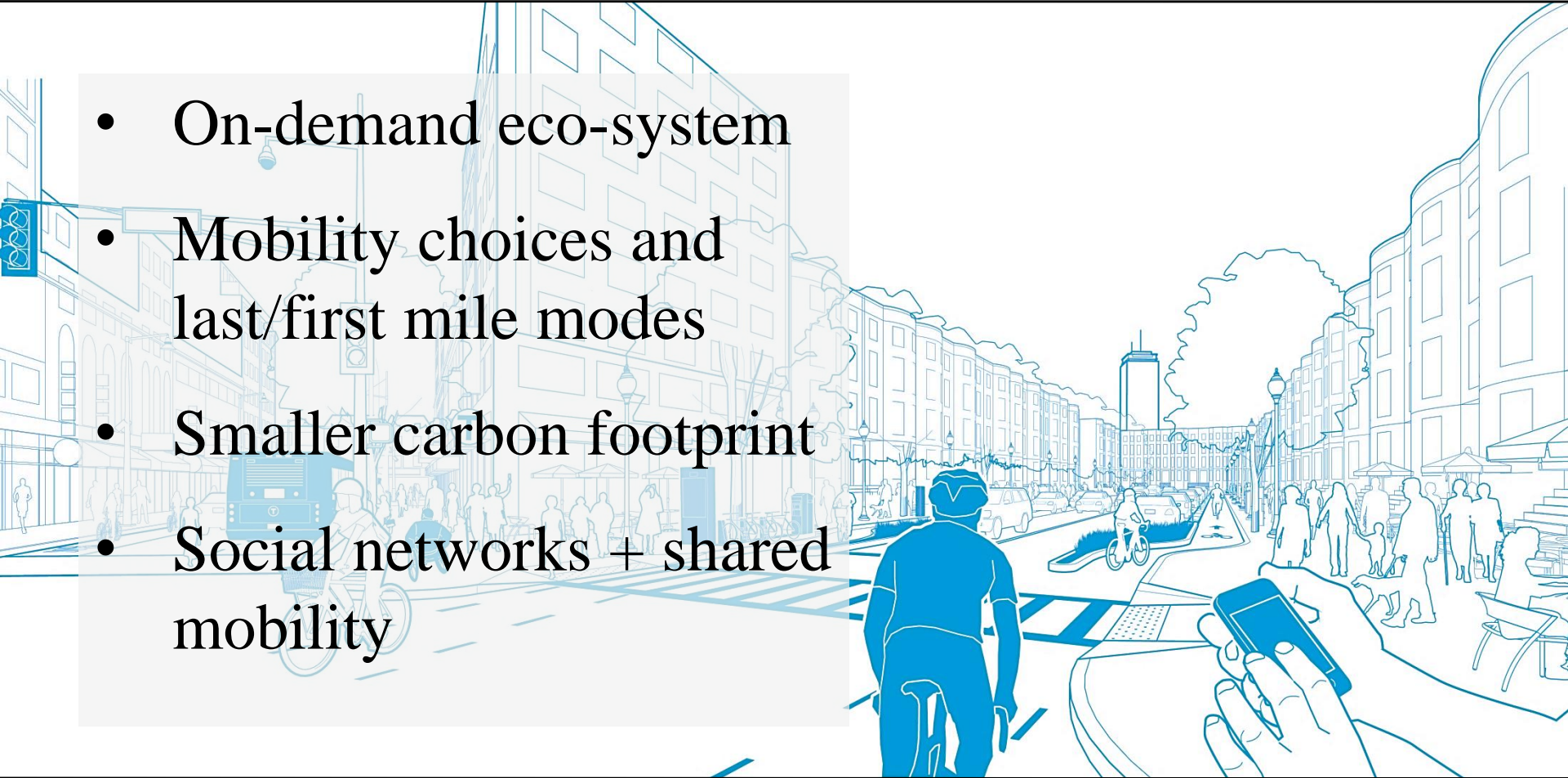
Bicycle Lanes and Cycle Tracks 

Digital Tags and Information Panels 

Wide Sidewalks 

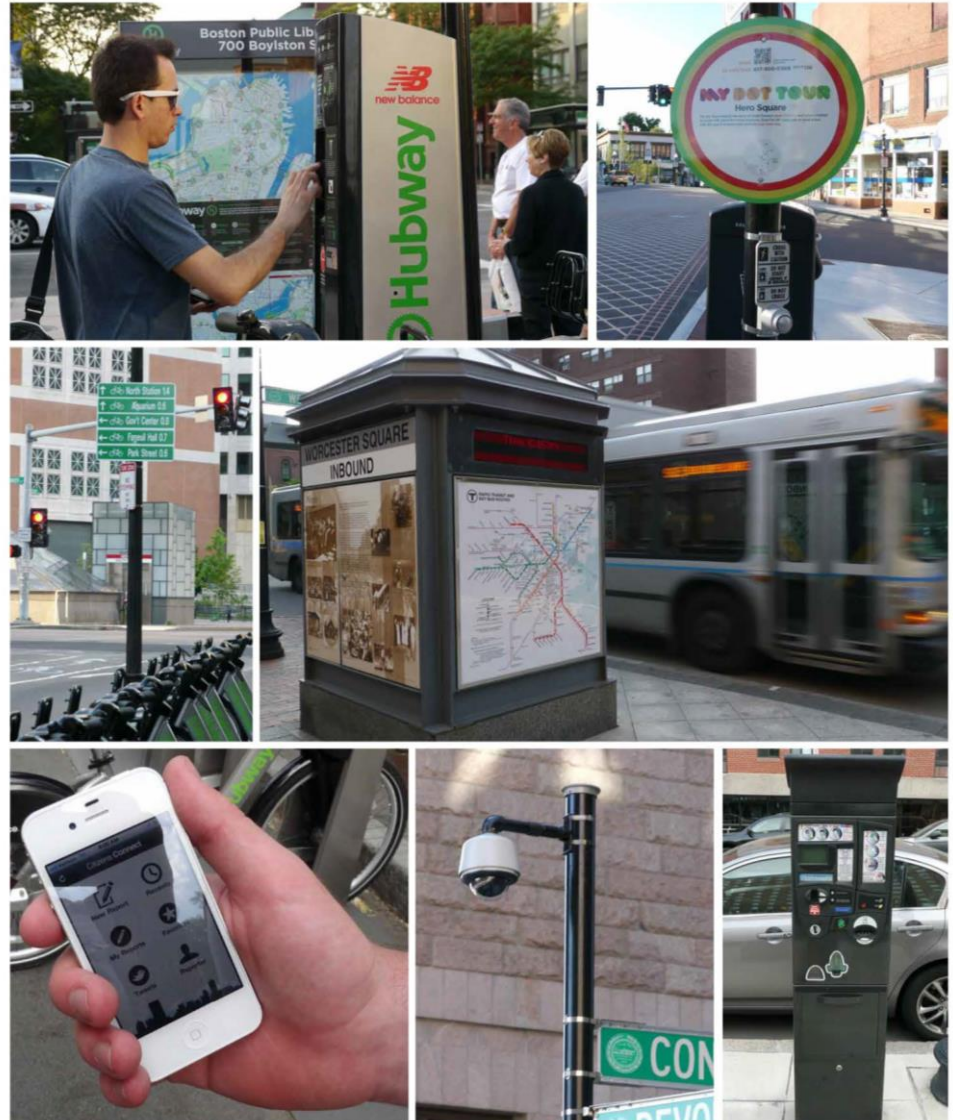
Smart Mobility

- On-demand eco-system
- Mobility choices and last/first mile modes
- Smaller carbon footprint
- Social networks + shared mobility



Information Infrastructure

- Sensors
- Real-time information
- Smart meters
- Fiber optic cables
- CCTV Cameras



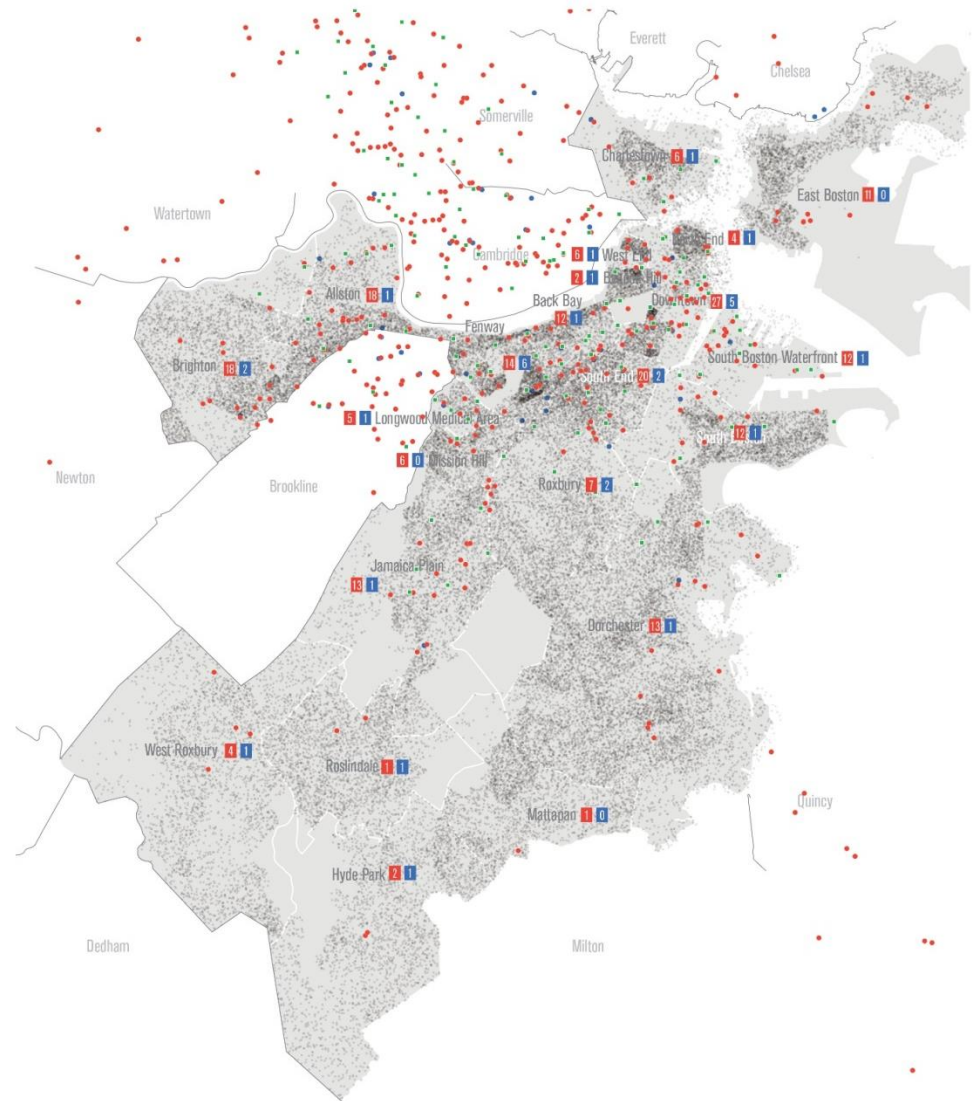
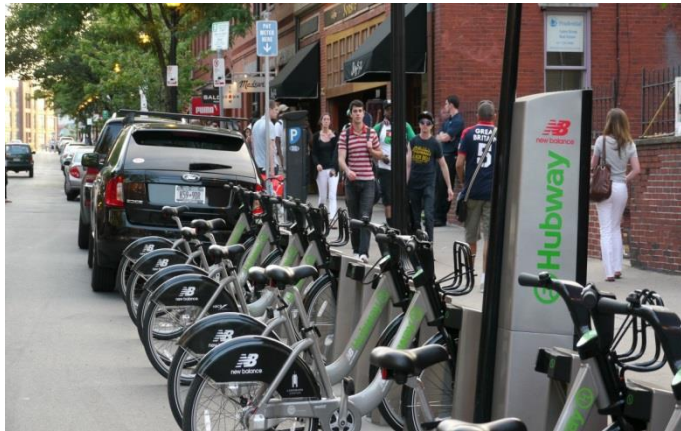
Alternative Curbside Uses

- Scooter parking
- Bike share/car share
- EV charging
- Food trucks



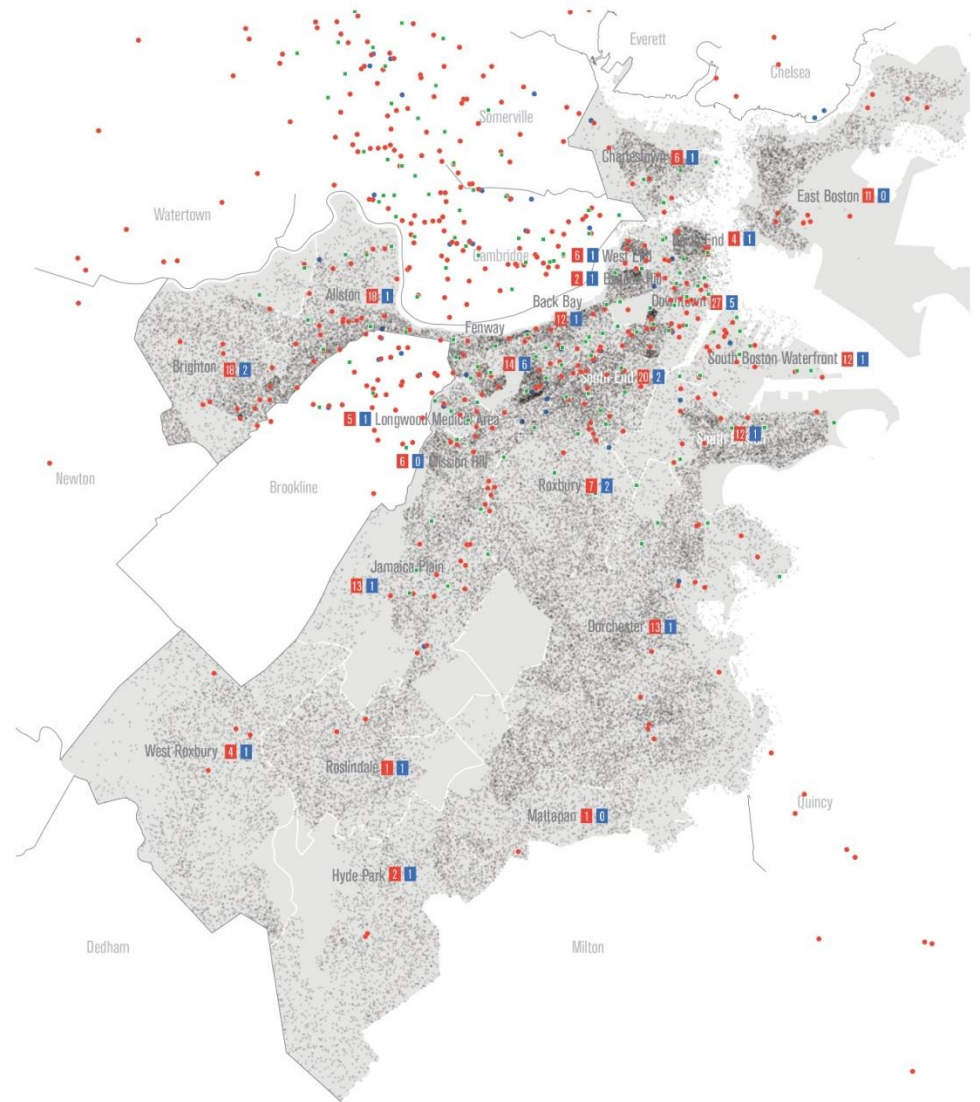
Bike Share - Hubway

- Hubway
 - 140+ Stations
 - 1,300+ Bikes
- 1 Million Rides July 2013



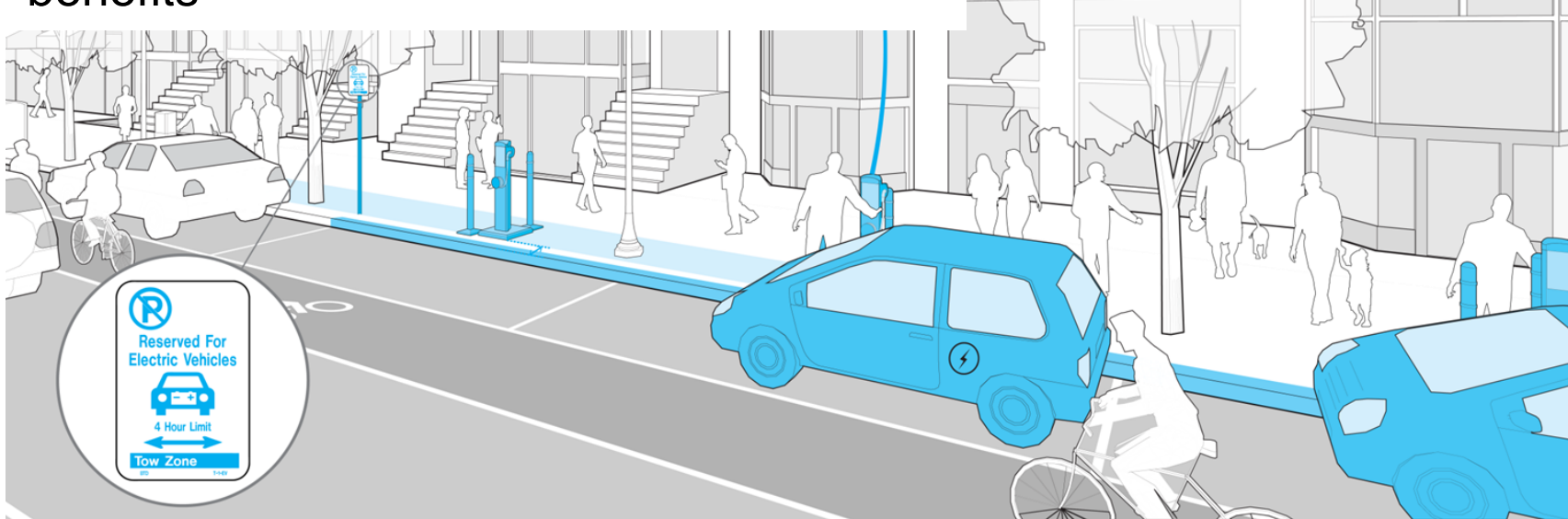
Car Share – DriveBoston

- Zip Car
 - 600+ Vehicles
 - 40,000+ Members
- DriveBoston
 - 80+ On Street Spaces

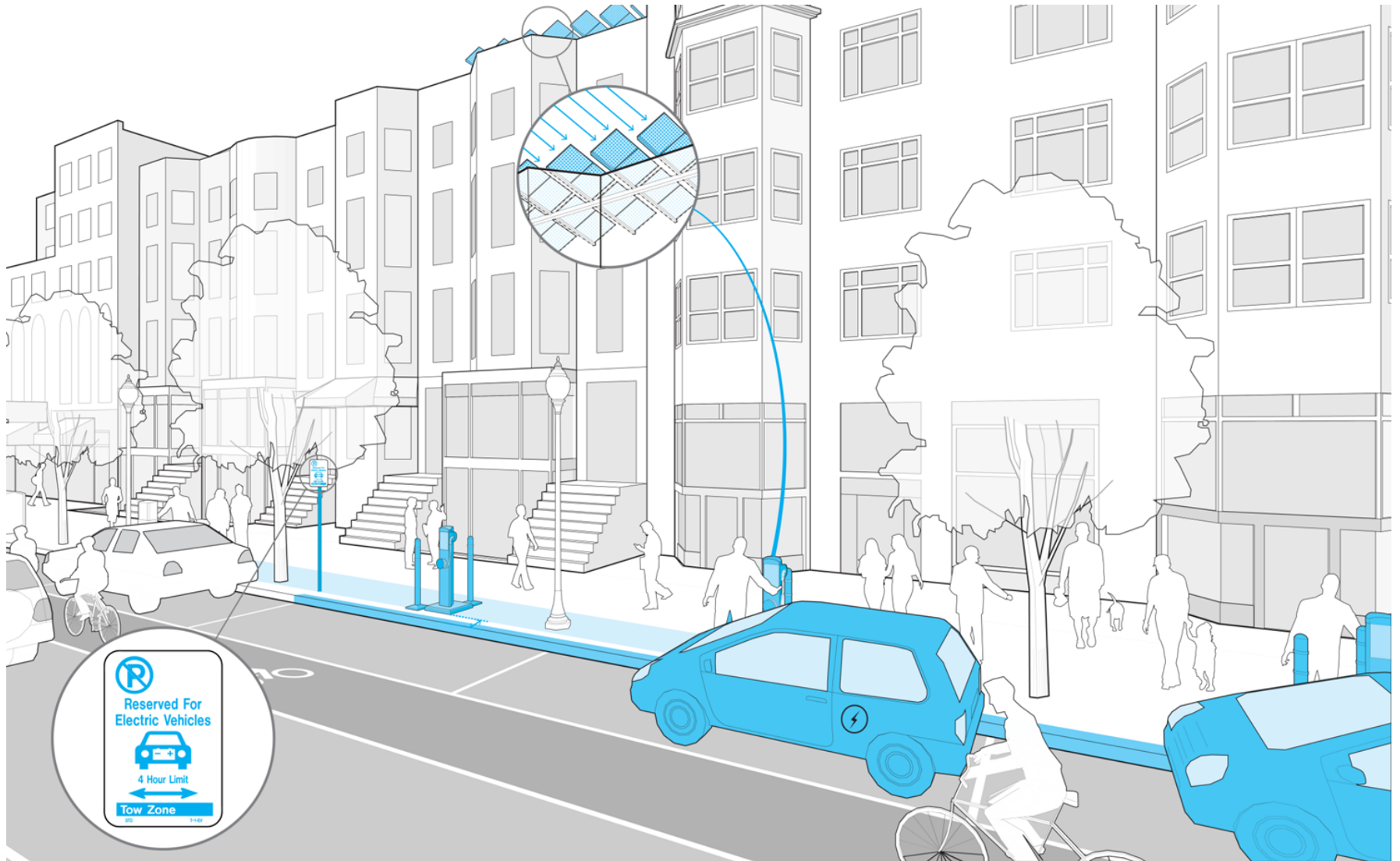


Zero Emission Transportation

- Seamless open-network, multi-provider systems
- Incentives for greater EV use
- Local climate and economy related benefits



Zero Emission Transportation



Mobility Hubs

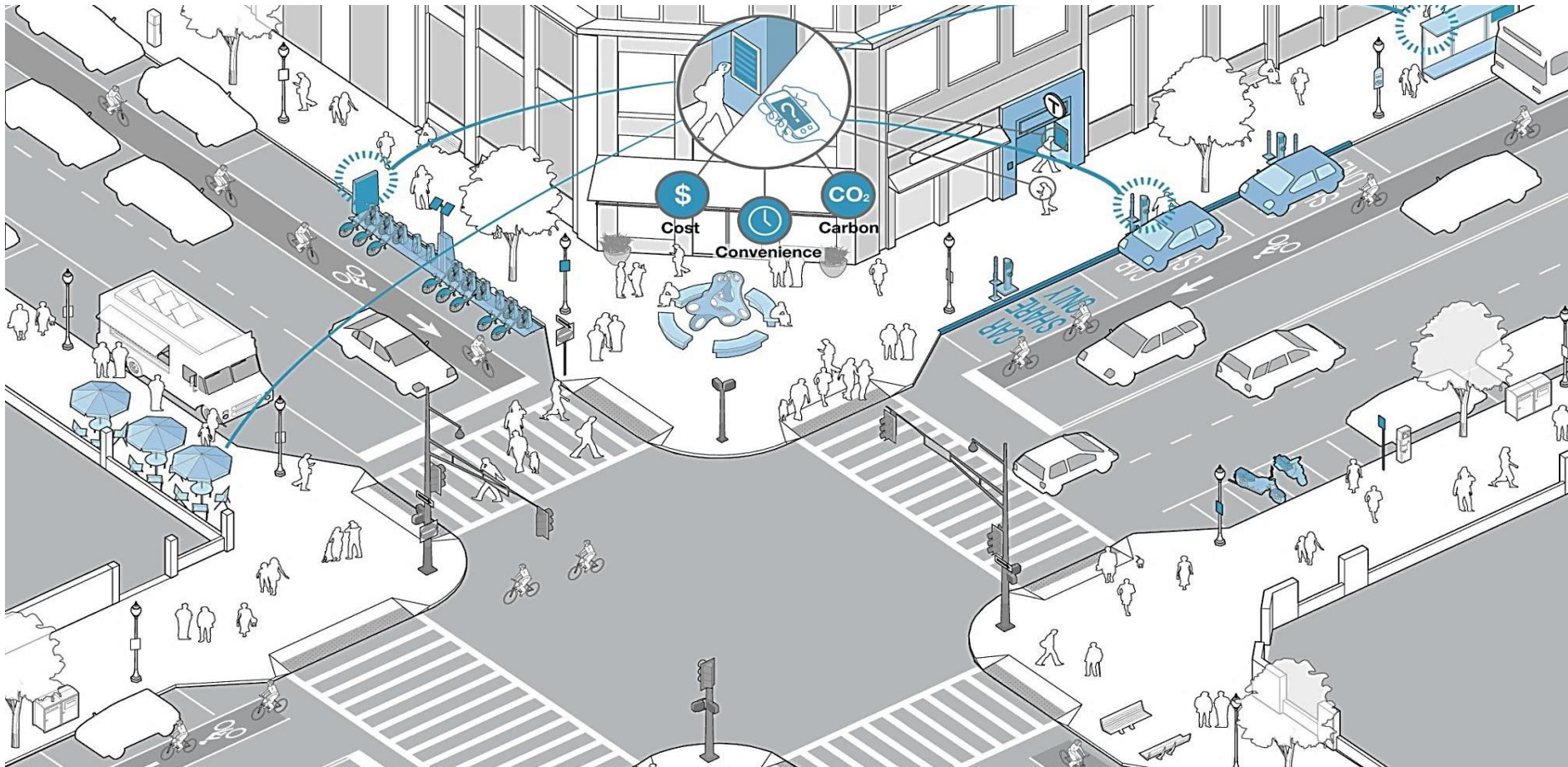


Mobility Hubs

Transportation choices

Trip Planning

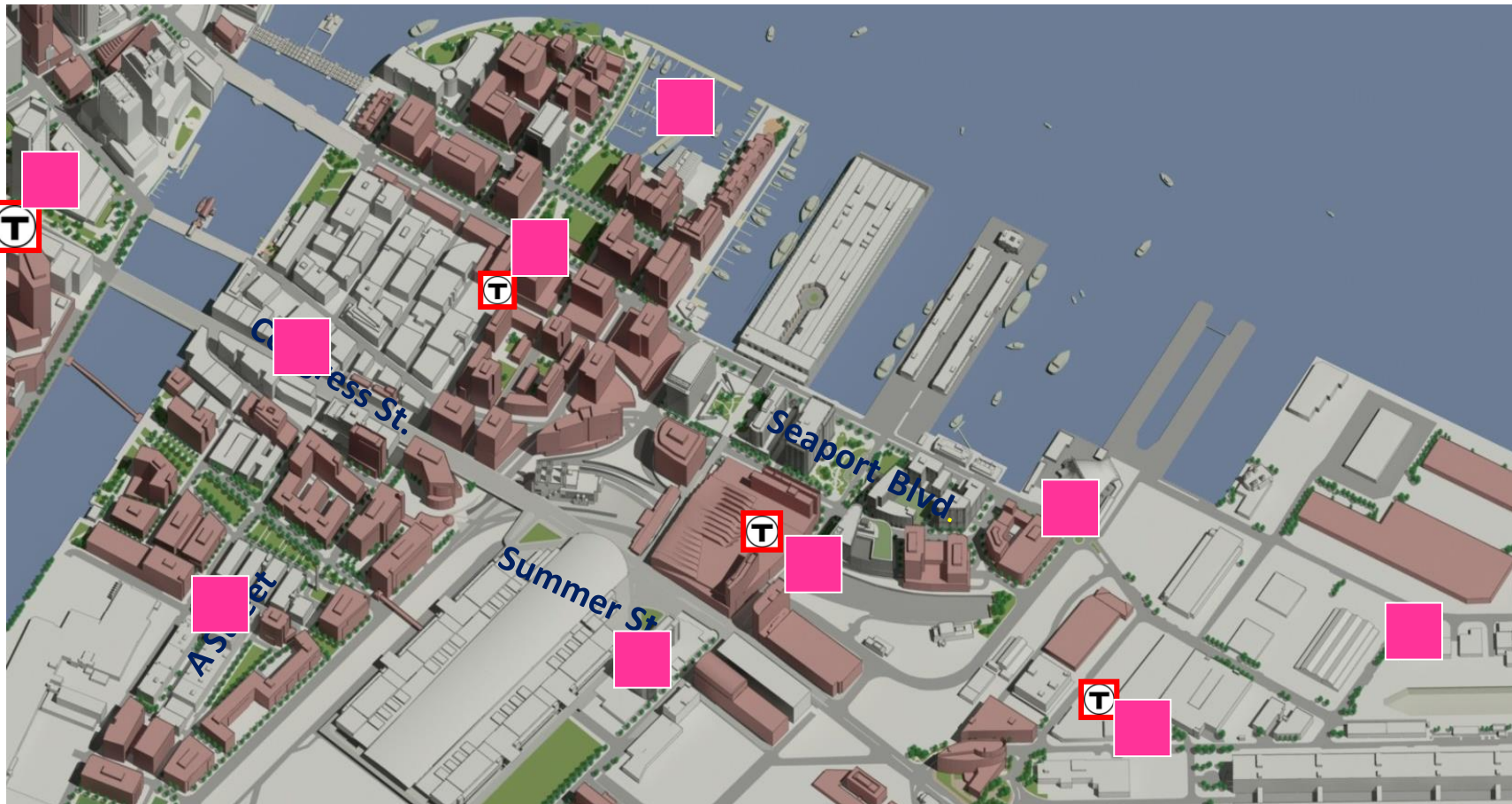
Place Making



Mobility Hubs



Mobility Hubs



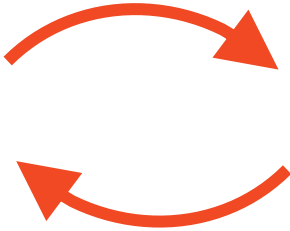
Mobility-on-Demand: Vehicles



Implementation

Rolling Five Year Capital Plan

Funding Strategies for New Projects and Maintenance



Measuring Progress

Mobility Index to measure progress

Mobility Lab to test new ideas

