

Public Workshop

Thursday, March 27, 2014

6:00 to 8:00 PM

Community Room at the Harbor Point Residences



City of Boston
Office of the Mayor
Martin J. Walsh



MTA **VERNON ST**

REDESIGN PROJECT
COLUMBIA POINT



Introduction

A plan for **everyone**

Community collaboration

Balance uses, **respect** the neighborhoods

A **functional roadway** for all users

Develop 25% design plans embracing Complete Streets



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MTA **VERNON ST**

REDESIGN PROJECT
COLUMBIA POINT

The Team

Boston Redevelopment Authority (BRA)

McMahon Associates **Transportation engineering and planning**

CSS **Land use and development, streetscape, landscape architecture**

HDR **Civil, drainage, and sustainable design**

Street Plans **Tactical urbanism**

OMLOOP **Wayfinding**

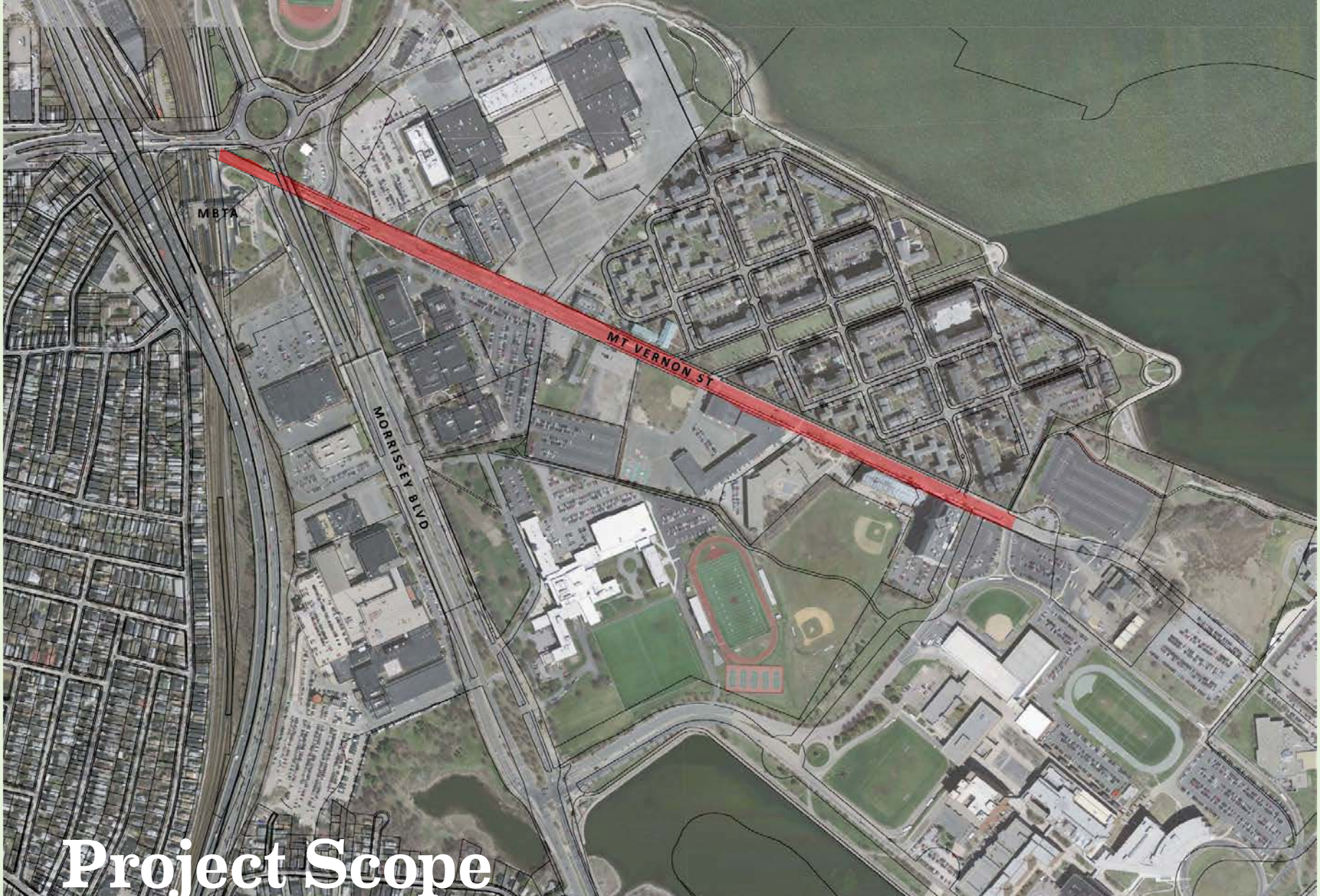
SMC **Survey**



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|| **MT VERNON** || REDESIGN PROJECT
|| COLUMBIA POINT ||



Project Scope



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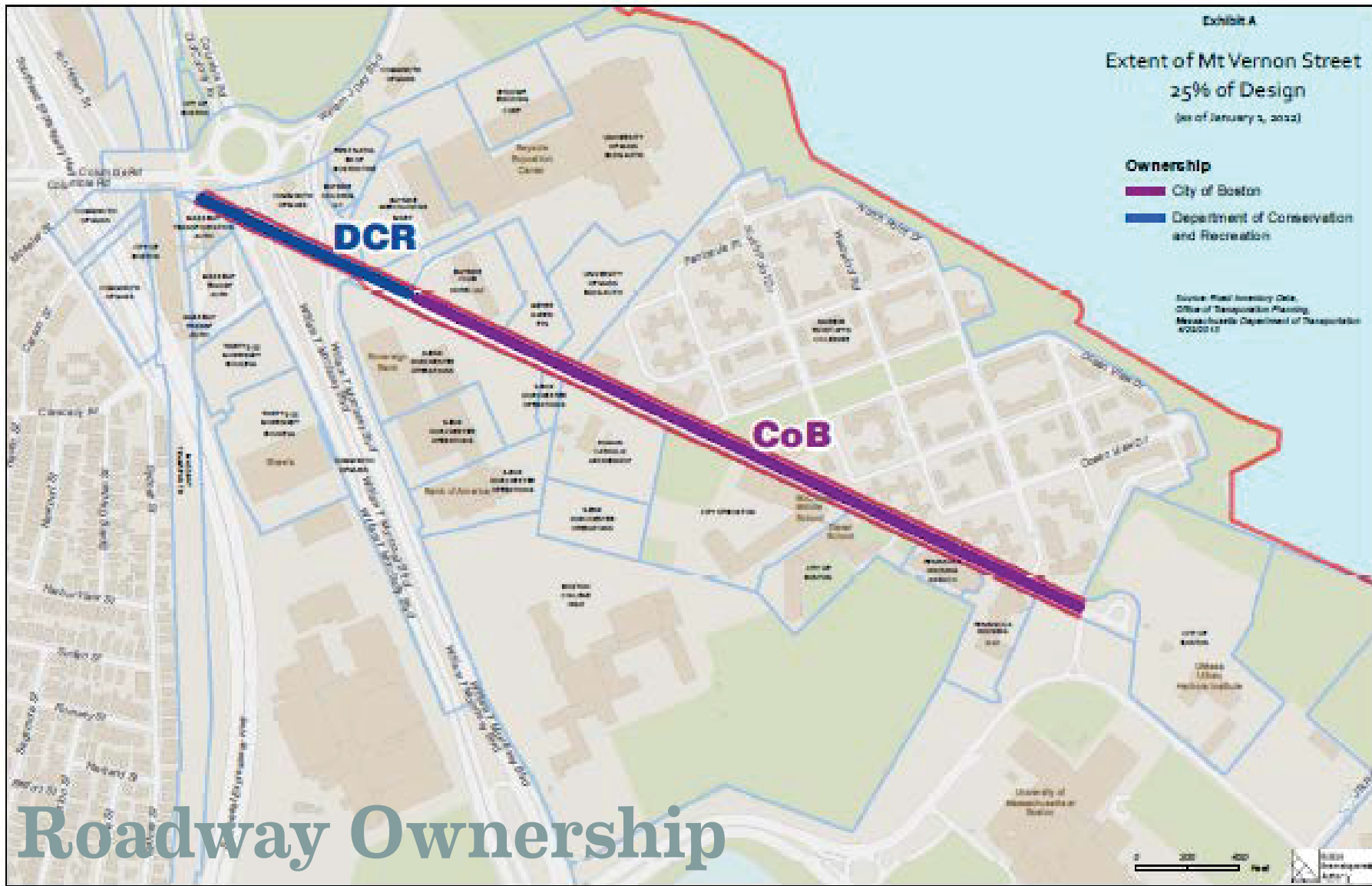
Extent of Mt Vernon Street 25% of Design

(as of January 3, 2022)

Ownership

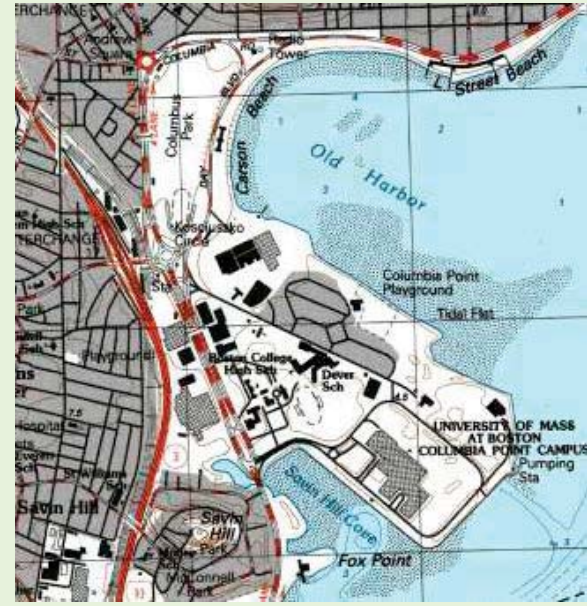
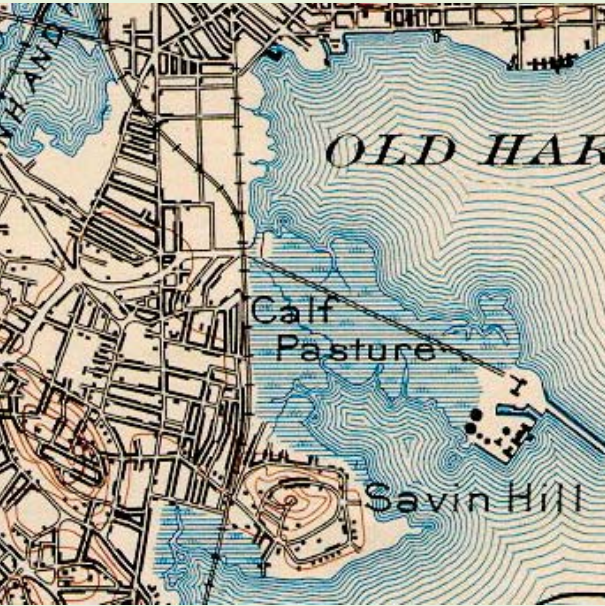
- █ City of Boston
- █ Department of Conservation and Recreation

Source: Road Inventory Data, Office of Transportation Planning, Massachusetts Department of Transportation 20200217



Roadway Ownership



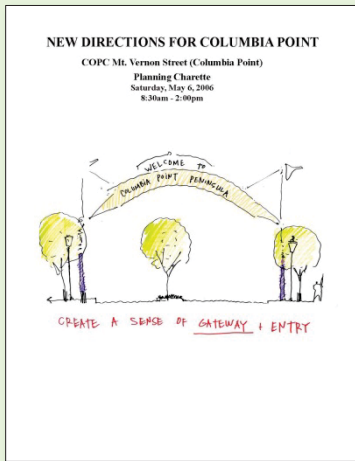


A rich history

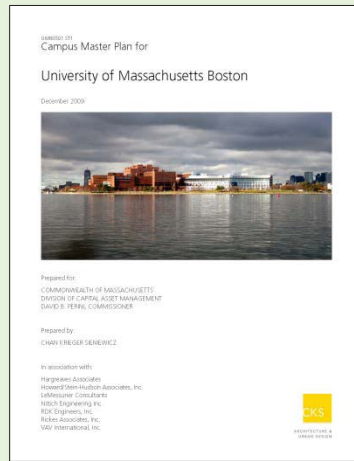


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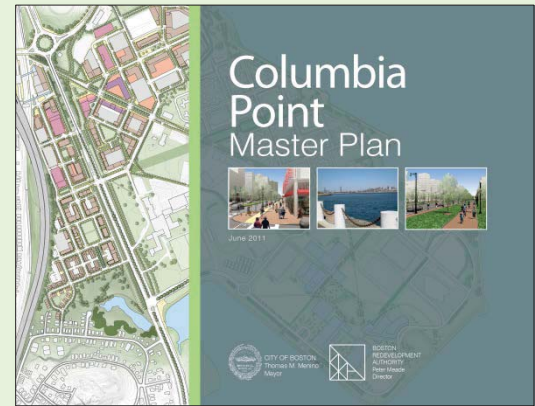




2006



2009



2011

Previous Mt Vernon St initiatives



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A vision for the future

Culture

John F. Kennedy Presidential Library



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Education

Univ. of Massachusetts



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Neighborhoods

Harbor Point on the Bay



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Retail / Services

DoubleTree Hilton



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Open Spaces

Harborwalk



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Engaged Participants

Dever McCormack



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Safe and Beautiful Streets



Pedestrians and
bicycles

Indianapolis Cultural Trail



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Safe and Beautiful Streets



Pedestrians and bicycle separation sidewalk level

Indianapolis Cultural Trail



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Safe and Beautiful Streets



Pedestrians and
bicycle separation
road level

Chelsea, NYC



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Safe and Beautiful Streets



Memphis, TN



Portland, OR

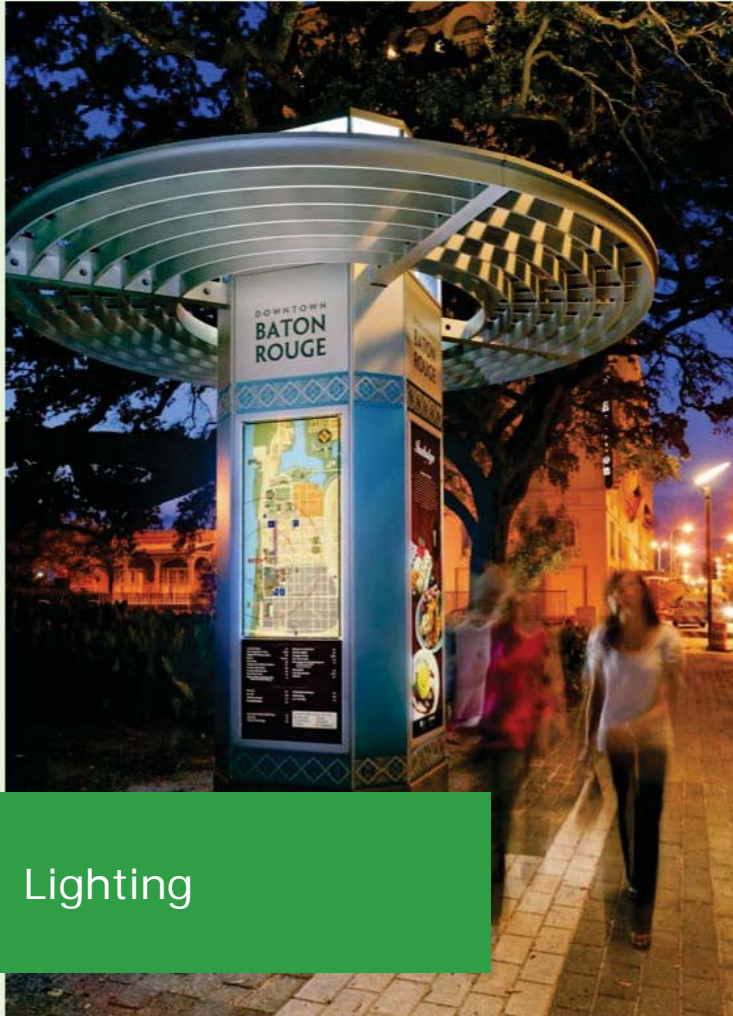
Crossings



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Safe and Beautiful Streets



Lighting



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Destinations



Institutions and
Open Space



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Destinations

Gateways



Cumbernauld, Scotland



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Destinations



**Vehicular
Directional**



**Visitor
Parking**



**Public
Transit**



**Maps &
Orientation**



**Ped.
Direction**



**History
& Culture**



**Iconic
Kiosk**

Wayfinding System



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Destinations

Landmarks



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Destinations



Telling stories



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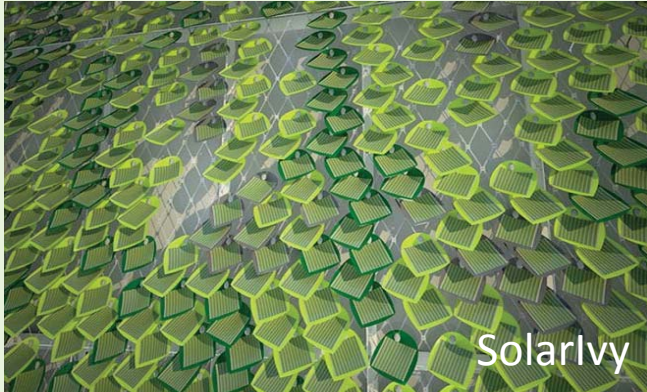
Activate the Street



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Active fences



Outdoor Art



Philadelphia, PA



Philadelphia, PA



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Open Space



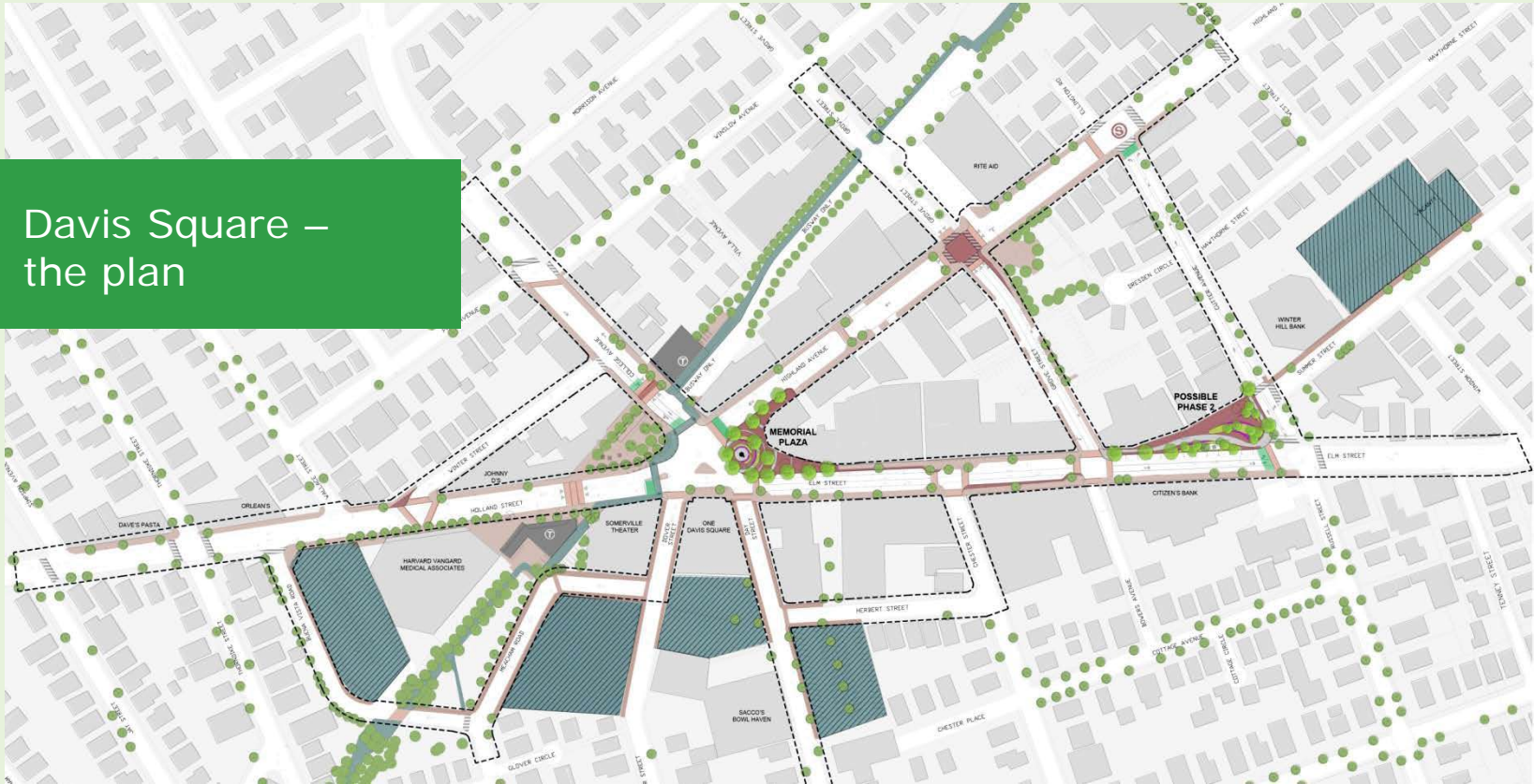
Manhattan, NYC



Manhattan, NYC

Temporary Urbanism

Davis Square –
the plan



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Temporary Urbanism

Davis Square –
parking lot



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Temporary Urbanism

Davis Square –
Pop up plaza set up



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Temporary Urbanism



Davis Square –
pop-up plaza



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Pop Up Activities



Times Square, NYC



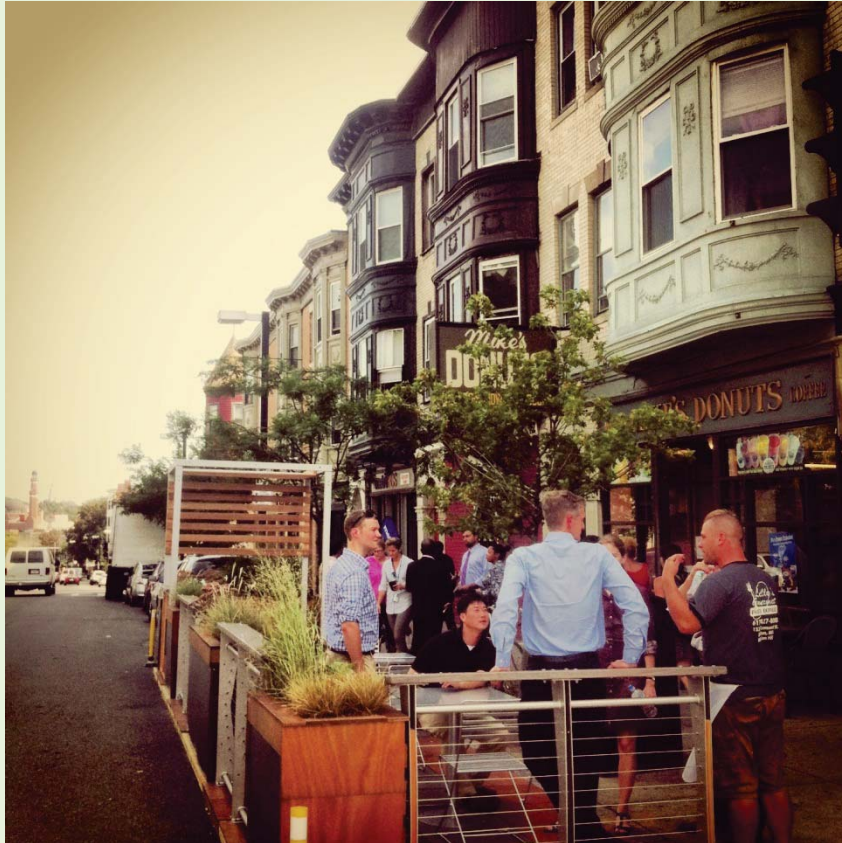
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Conversion Space



Parklets



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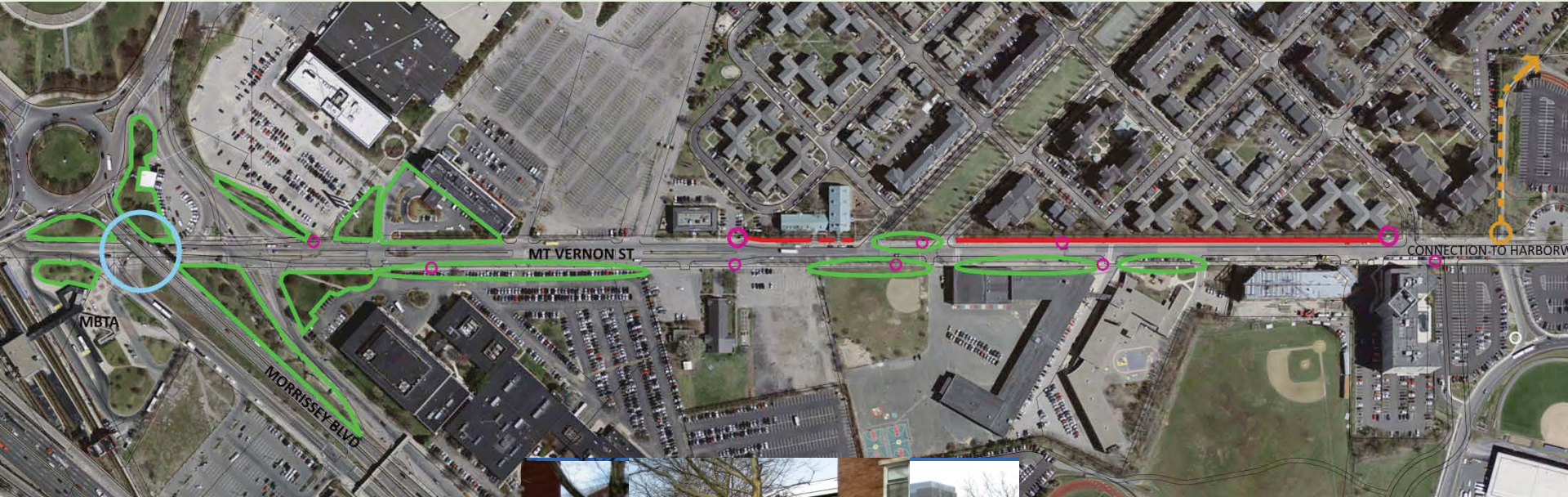
Temporary Urbanism



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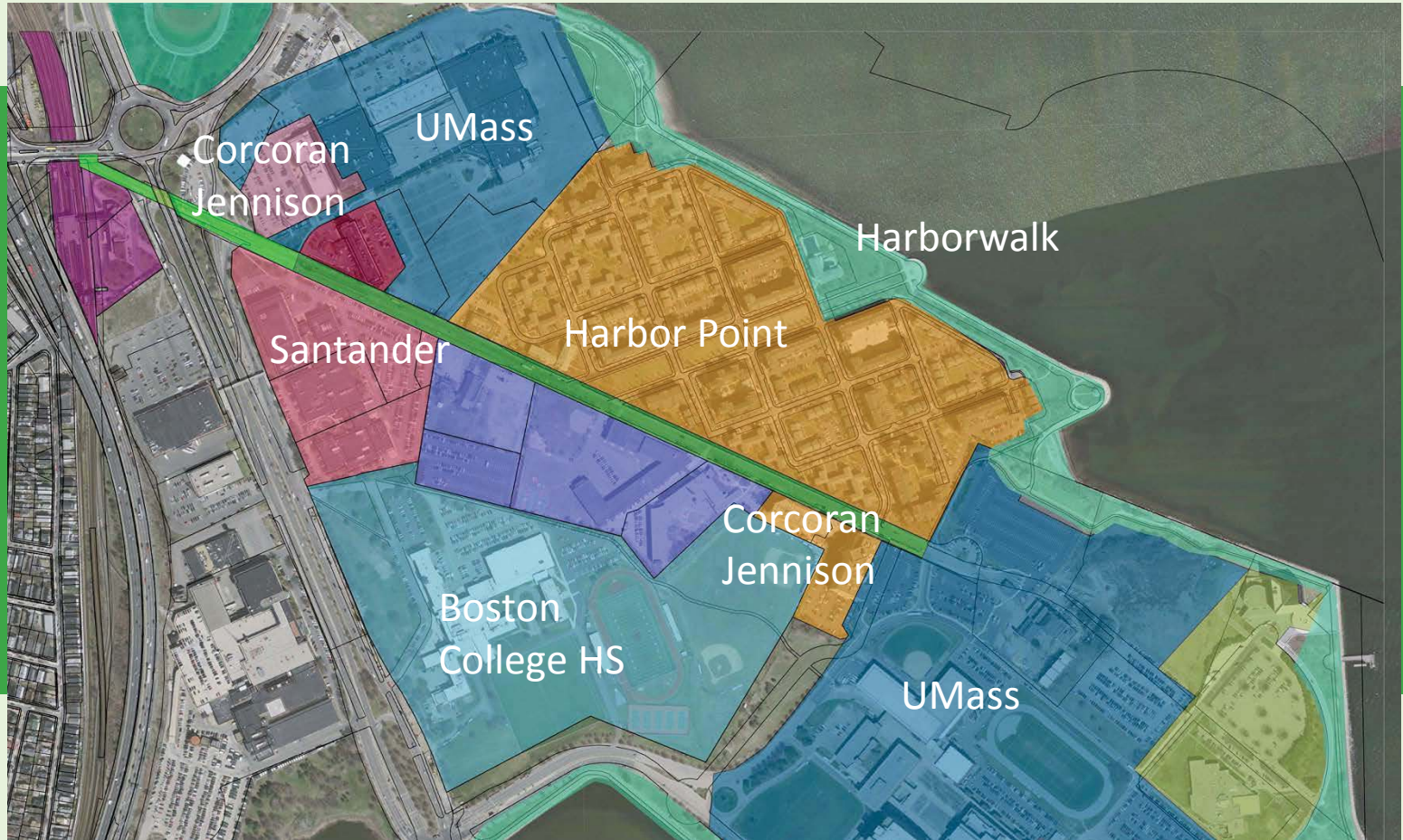
Opportunities



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Considerations



Considerations

Environmental



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What is a Complete Street?



Accommodates
ALL users!



Source: Boston Complete Streets Guidelines



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Multi-modal Transportation



Pedestrians



Source: Boston Complete Streets Guidelines



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Multi-modal Transportation



Bicyclists



Source: Boston Complete Streets Guidelines



Multi-modal Transportation



Hubway



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Hubway Trip Patterns



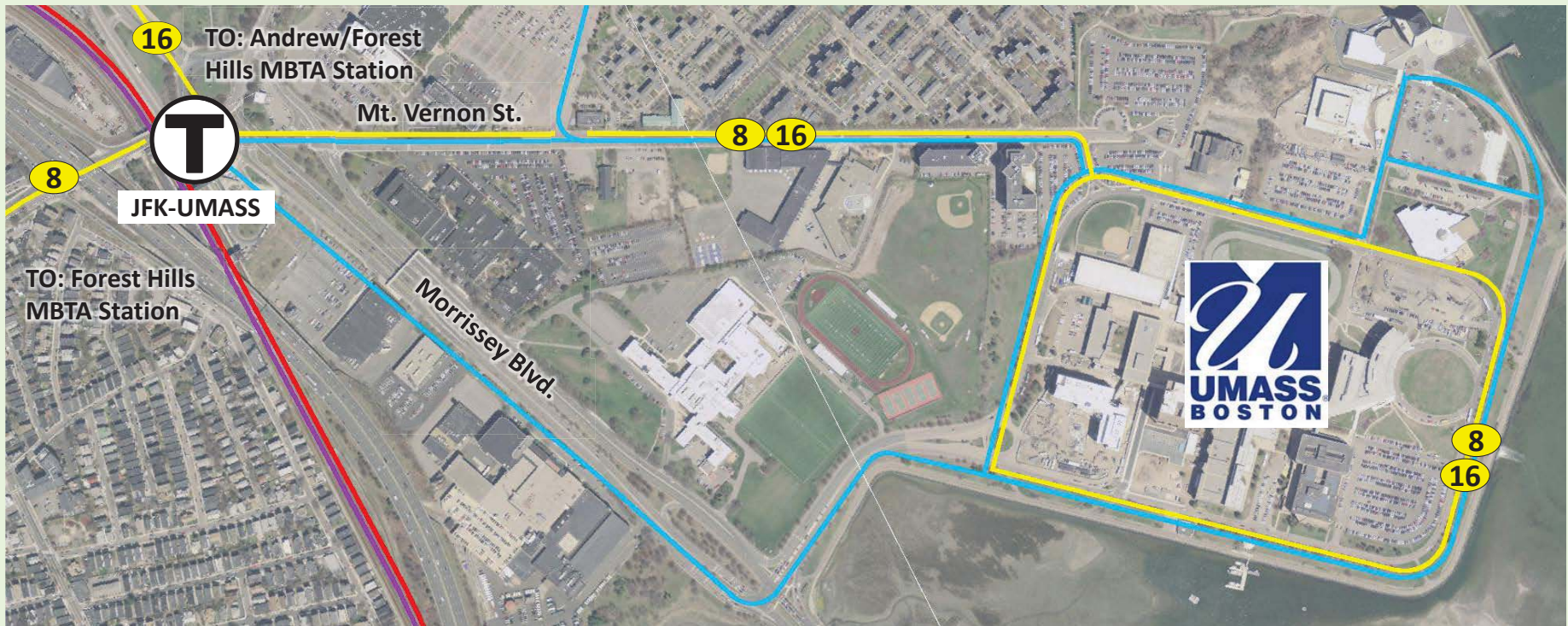
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Existing Transit

Transit Legend

- MBTA Routes 8 & 16
- MBTA Red Line
- Private Shuttles
- Commuter Rail



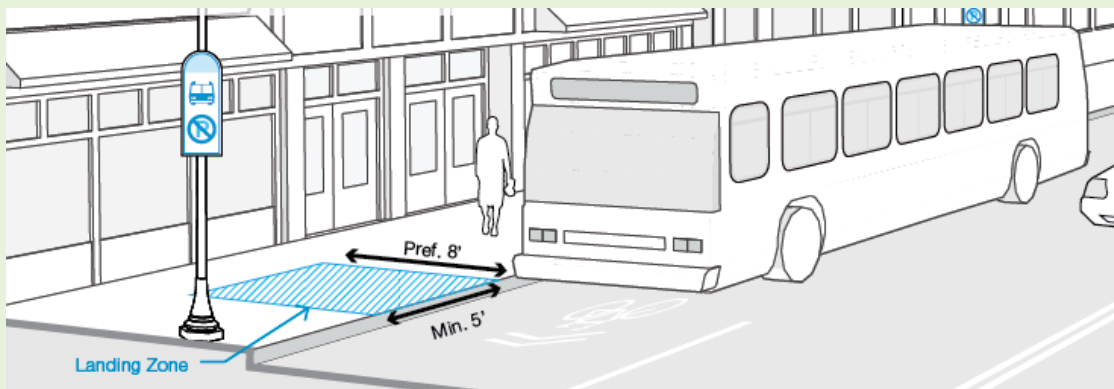
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Transit

Mt. Vernon Street is a **transit corridor**: MBTA bus, UMass shuttles, and Red Line and commuter rail.

MBTA bus routes 8 and 16 carry **over 500 riders daily** along the corridor, with destinations throughout Boston.



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School Bus Circulation



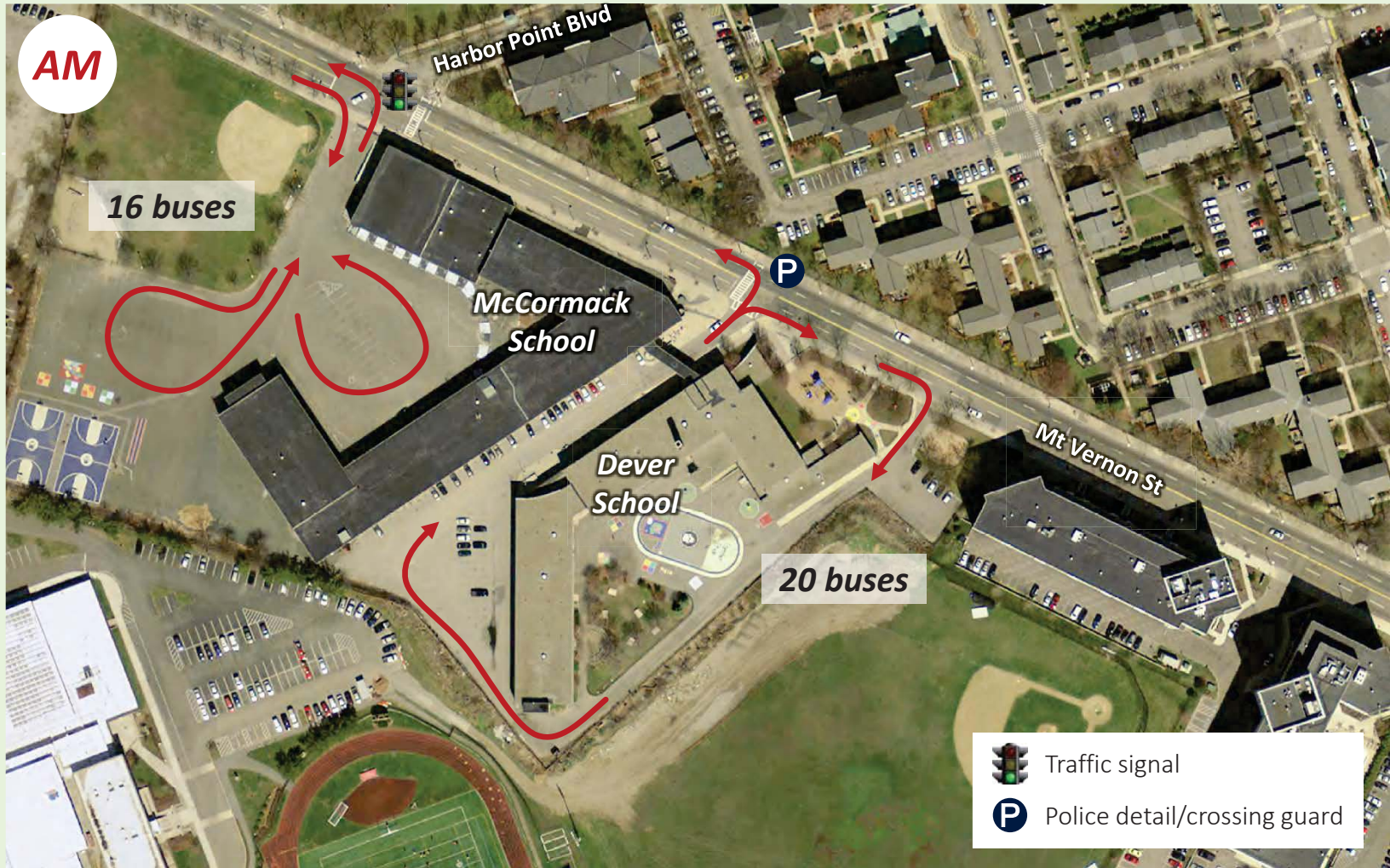
Dever/McCormack
Schools pick-up/drop-off



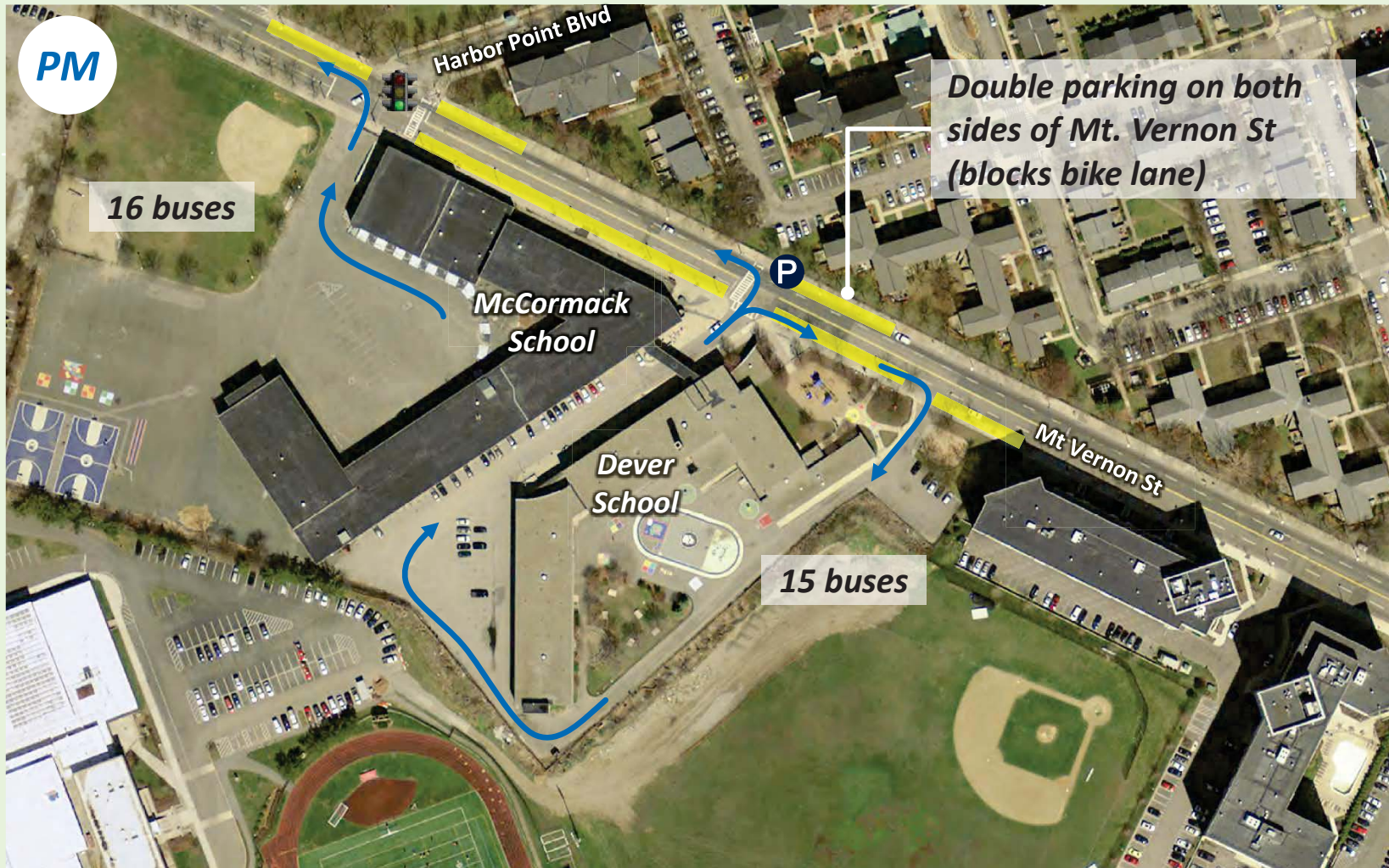
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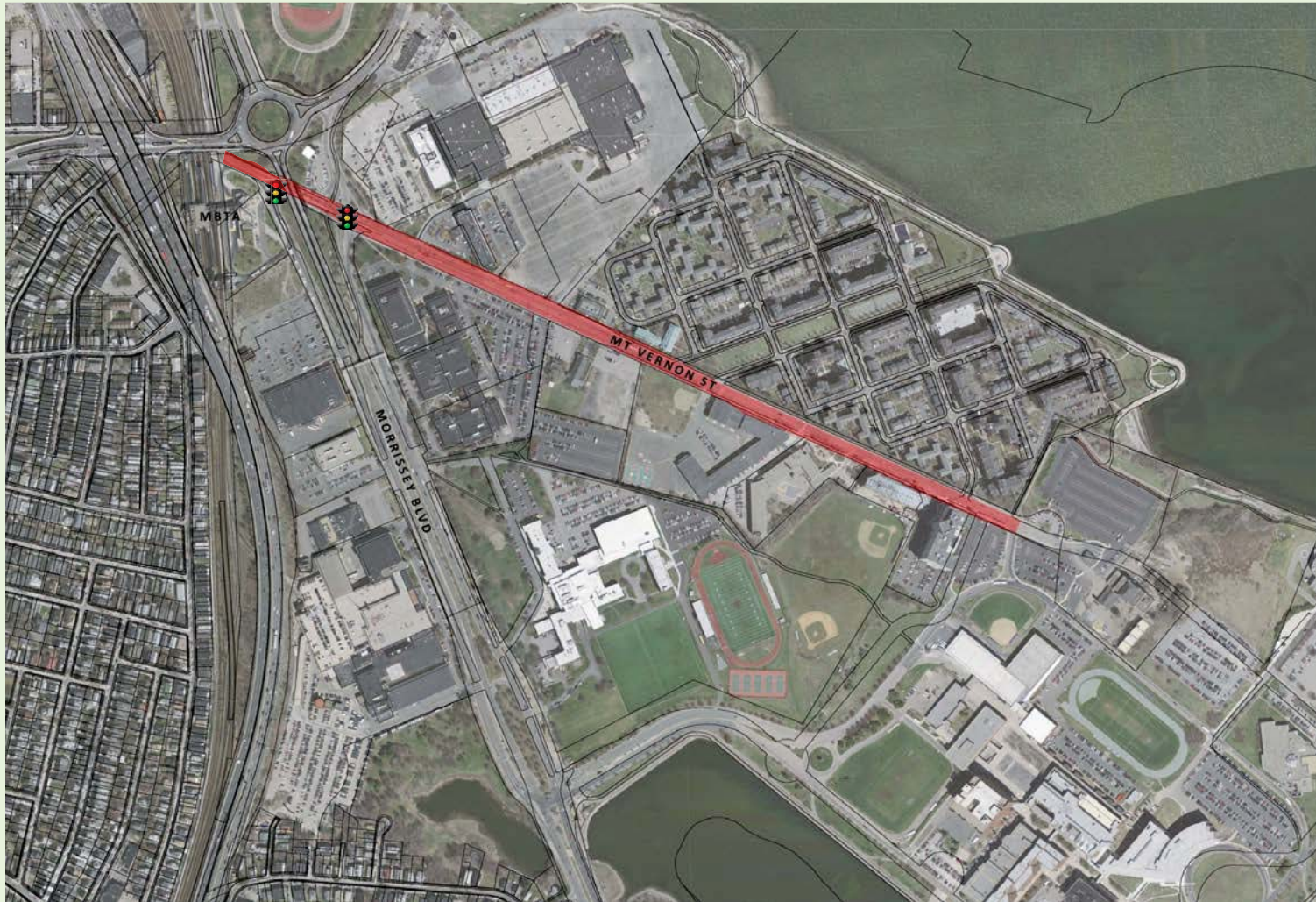
Dever/McCormack Bus Activity



Dever/McCormack Bus Activity



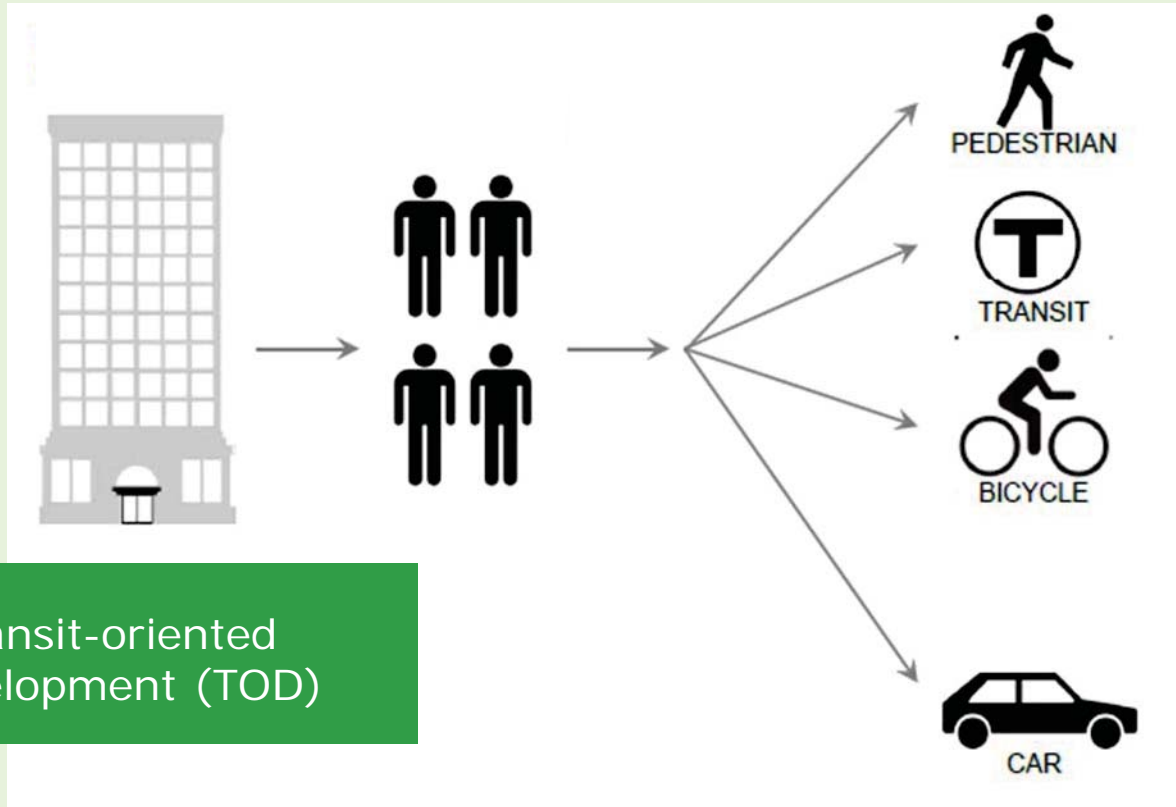
Roadway Corridor



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Multi-modal Transportation



Transit-oriented
Development (TOD)

DEVELOPMENT

PERSON TRIPS

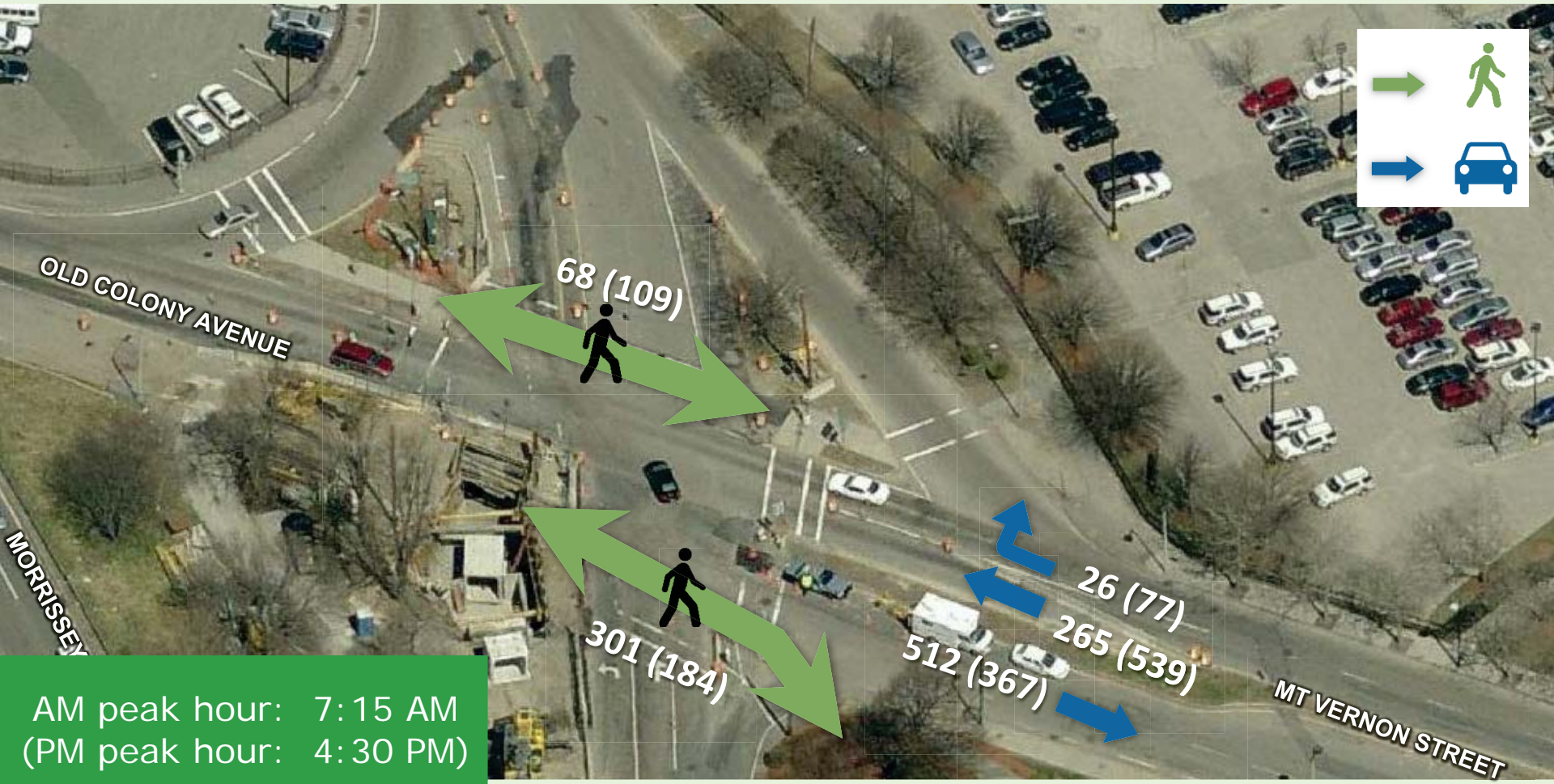
PERSON TRIPS
BY MODE



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Intersection Peak Hour Volumes



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Lane Configuration

Existing Condition



Mt. Vernon Street's current peak traffic volume

300 and 600 vehicles/hour

Typical maximum travel lane capacity

~1,700 vehicles/hour

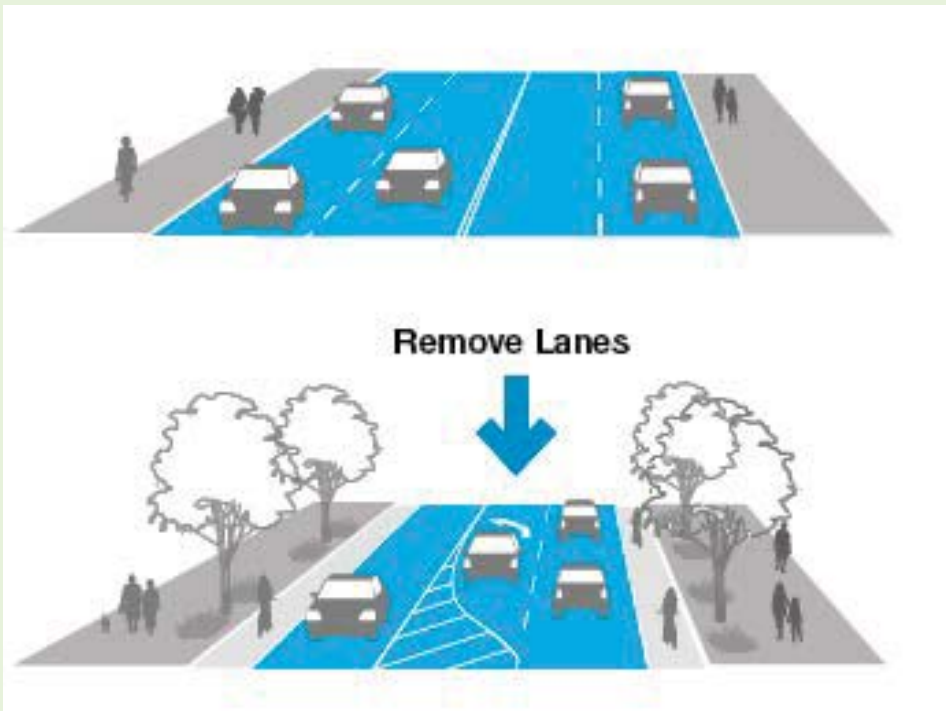


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Lane Configuration

Complete Street transformation



“Road Diet”



Wider sidewalks and furnishing zone



Increased landscaped zone



Protected bicycle facility

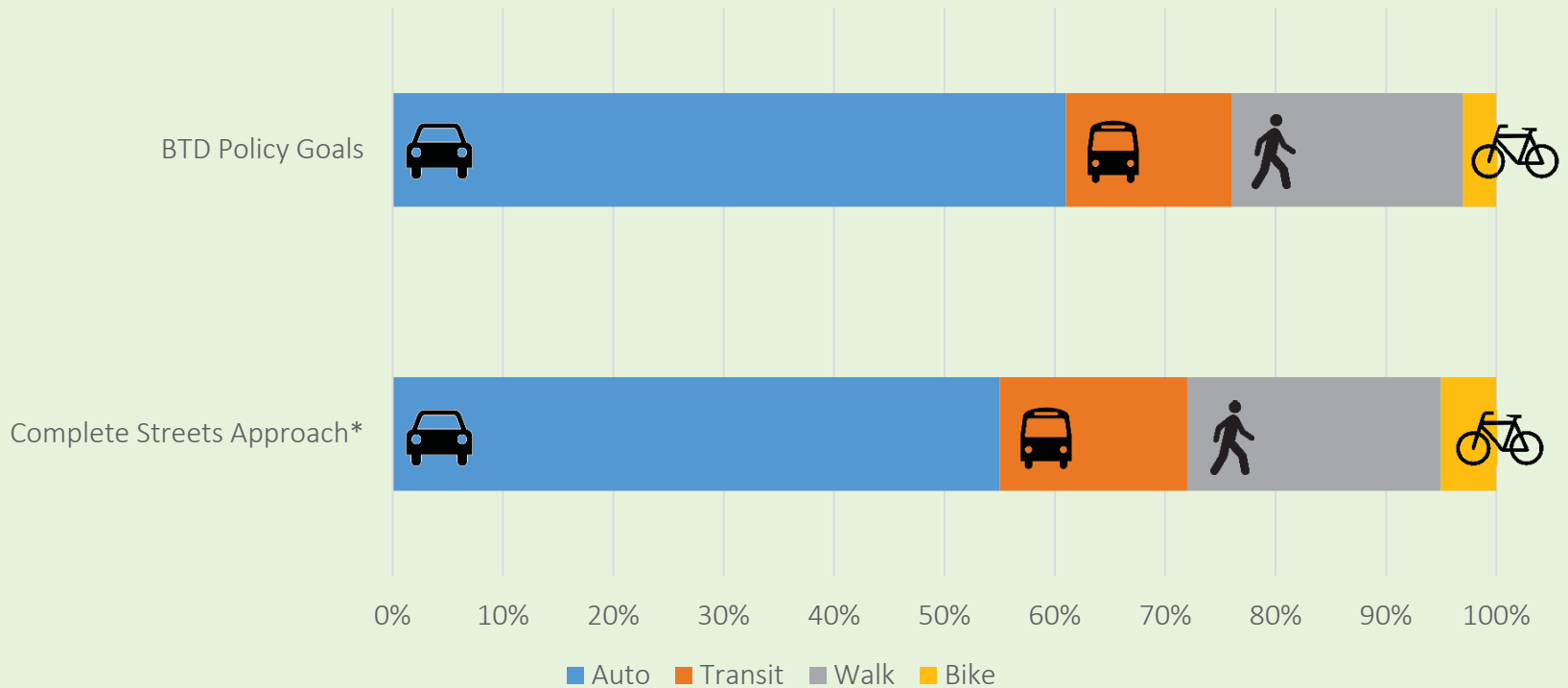


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Multi-modal Transportation

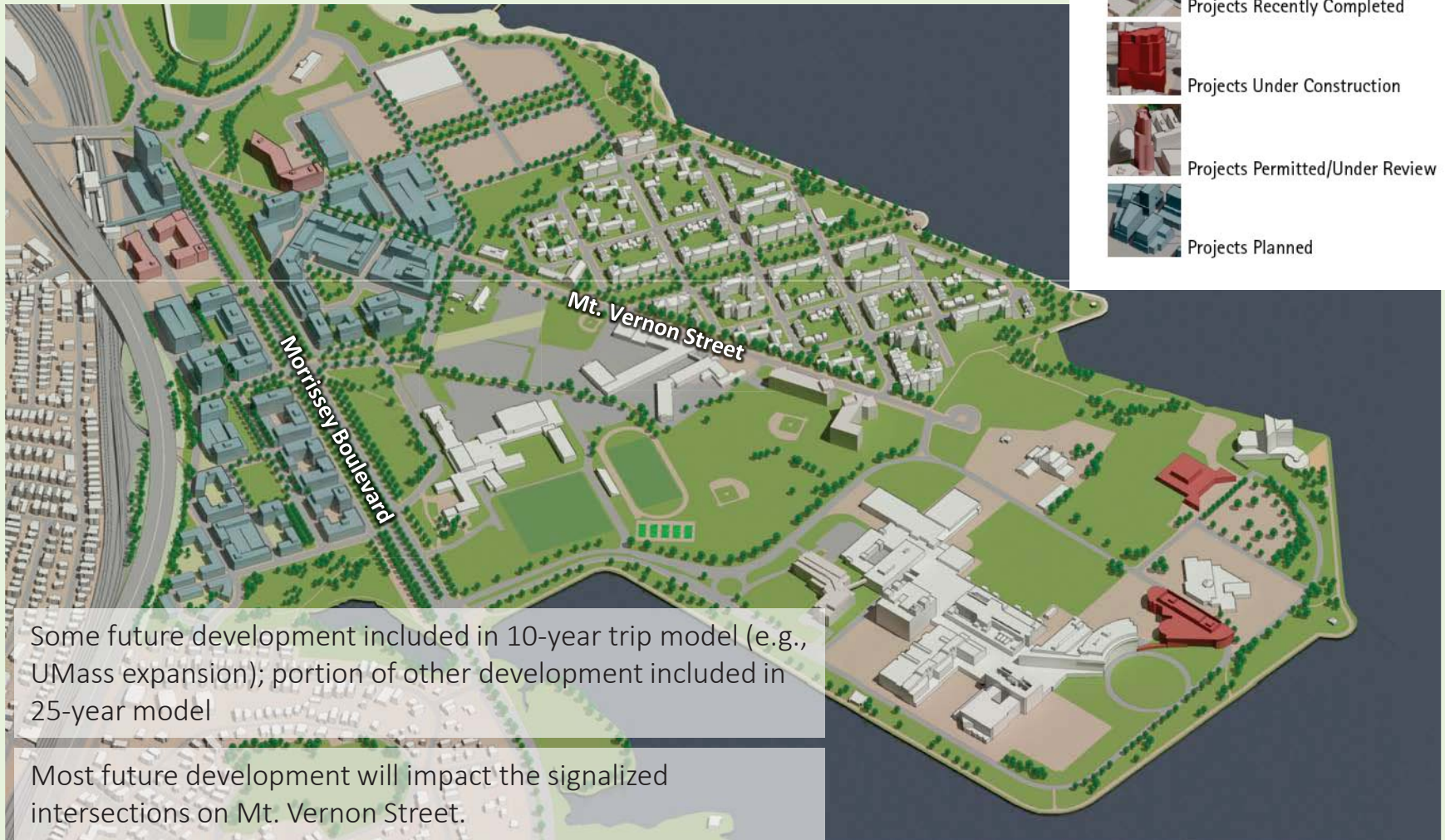
Mode Split Comparison



**goal to reduce driving by 7.5%*



Future Development

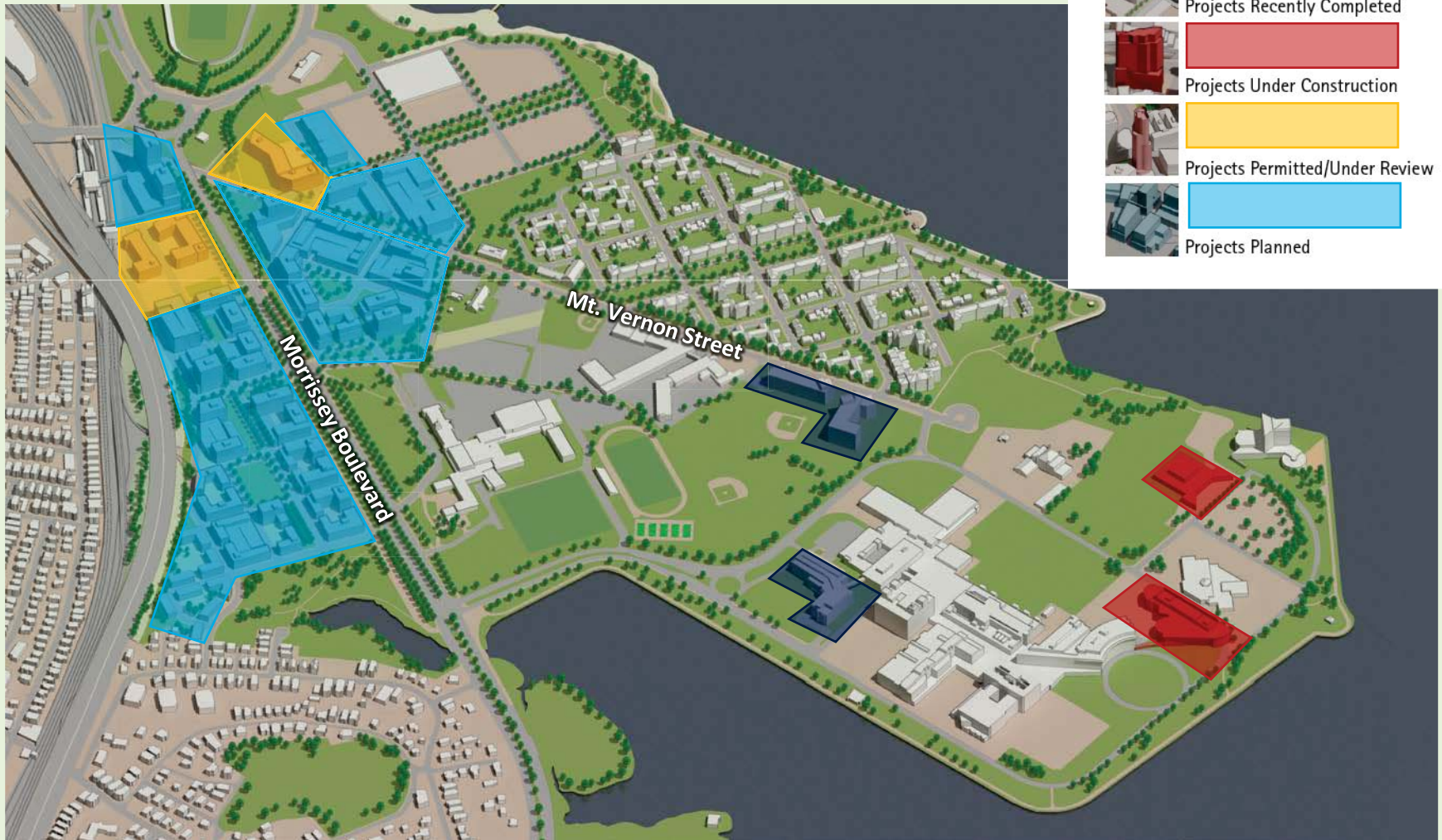


- Projects Recently Completed
- Projects Under Construction
- Projects Permitted/Under Review
- Projects Planned

Source: Urban Design Technology Group, Boston Redevelopment Authority



Future Development



Source: Urban Design Technology Group, Boston Redevelopment Authority



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UMass Development Plans

Future Development



-  Projects Recently Completed
-  Projects Under Construction
-  Projects Permitted/Under Review
-  Projects Planned



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Source: Urban Design Technology Group, Boston Redevelopment Authority

Traffic Volumes – 10 years



AM peak hour: 7:15 AM
(PM peak hour: 4:30 PM)

Source: Urban Design Technology Group, Boston Redevelopment Authority



Traffic Volumes – 25 years



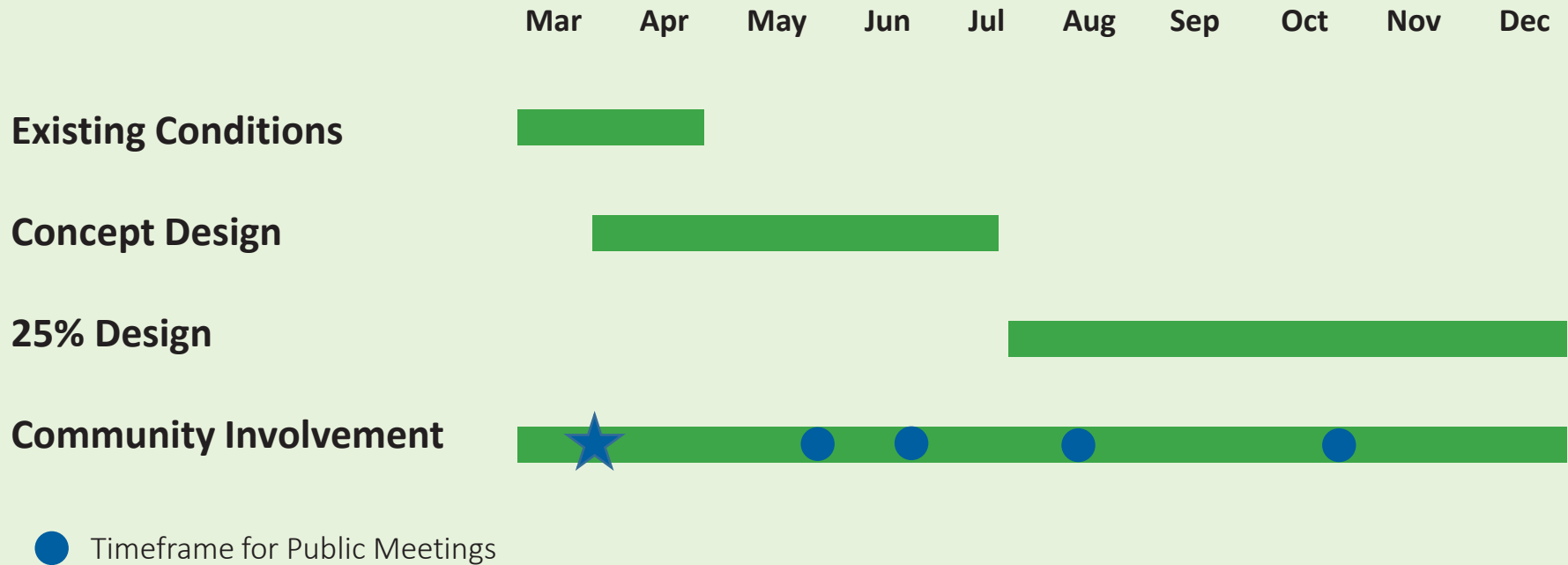
Source: Urban Design Technology Group, Boston Redevelopment Authority



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Project Timeline



Break-out Groups -Corridor Overview



CONTINUED BELOW



CONTINUED ABOVE



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Break-out Groups



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