



# JP/Rox Transportation Action Plan

Third Public Meeting | July 17, 2018



# JP/Rox TAP Mission

An action plan for improving the JP/Rox area's present and future transportation network that is sourced in and actively supported by the community.

# Second Meeting: What We Heard

- Residents have concerns over narrow sidewalks and needed improvements to the public realm, including lighting, seating, and plantings.
- Parking is a key point of discussion; on-street parking, commuter parking, and commercial delivery parking were discussed.
- Transportation was discussed as a system to serve all users, with an emphasis on families.
- Connectivity was a central issue for access to nearby neighborhoods and access to the SWC.

# Goals for Tonight

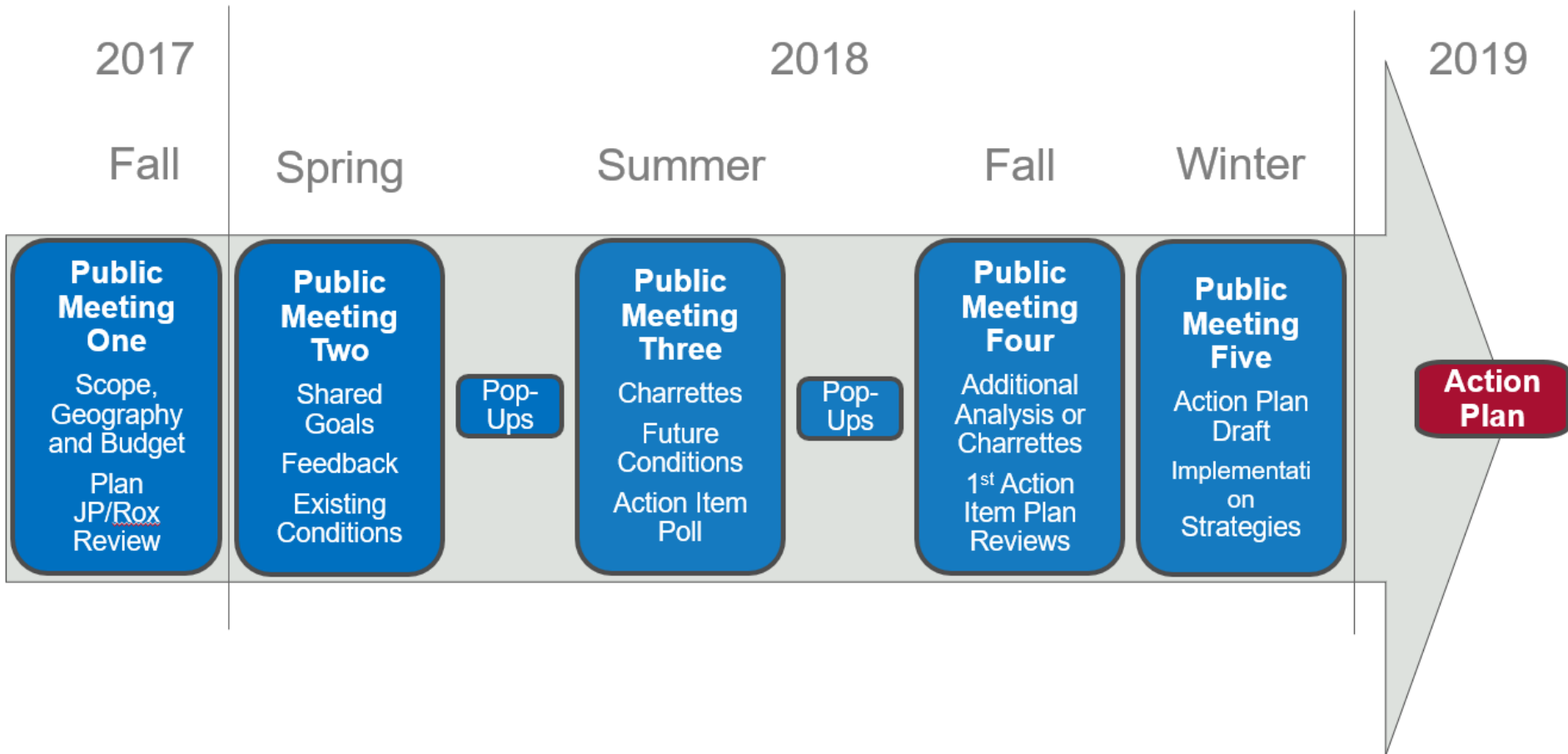
## Presentation

- Investigations: Future Conditions, Parking
- Priority Project Updates
- Community Feedback Review and Action Item Highlights

## Open House

- Dot Poll: Prioritizing Action Items
- Progress: Egleston Square Improvements
- Reportback and Discussion

# Action Plan Timeline



# Selecting Action Items

PLAN JP/Rox Transportation Priority Projects

Public  
Comments

Existing &  
Future  
Conditions  
Analysis  
Existing  
Planning  
Best  
Practices

All  
Suggested  
Projects

Gauging  
Community  
Preference  
Feasible?  
Combine?  
Redundant?  
Jurisdiction?

Selected  
Priority  
Projects



## The JP/Rox Community

### City Team

Boston Transportation Department

Boston Planning and Development Agency

Office of Neighborhood Services

Public Works Department

Department of Neighborhood Development

Disabilities Commission

### Consultant Team

Howard Stein Hudson

Fitzgerald & Halliday Inc

NBBJ

### State Coordination

MBTA

MassDOT

DCR

# Identified during PLAN: JP/Rox

## Value

- Equity & Affordability

## Priority Projects

- Egleston Square/Columbus Ave Improvements
- Bus Delay and Stop Improvements
- Southwest Corridor Connectivity and Crossings Improvements
- Public Realm Improvements (Washington St.)

Additional Action Items – TONIGHT





# Shared Transportation Goals



More Mobility Choices



Safety



Manage Congestion



Livability and Green Space



Land Uses that Shorten Trips



# Investigations: Future Conditions, Parking

# Development in the Pipeline



**Residential (2,187 units total)**



**Office (157,100 square feet total)**



**Commercial (60,400 square feet total)**



**Community Space (89,800 square feet total)**



**Warehouse (132,500 square feet total)**



**Future Developments**



**Early Planning**



**Letter of Intent/Under Review**



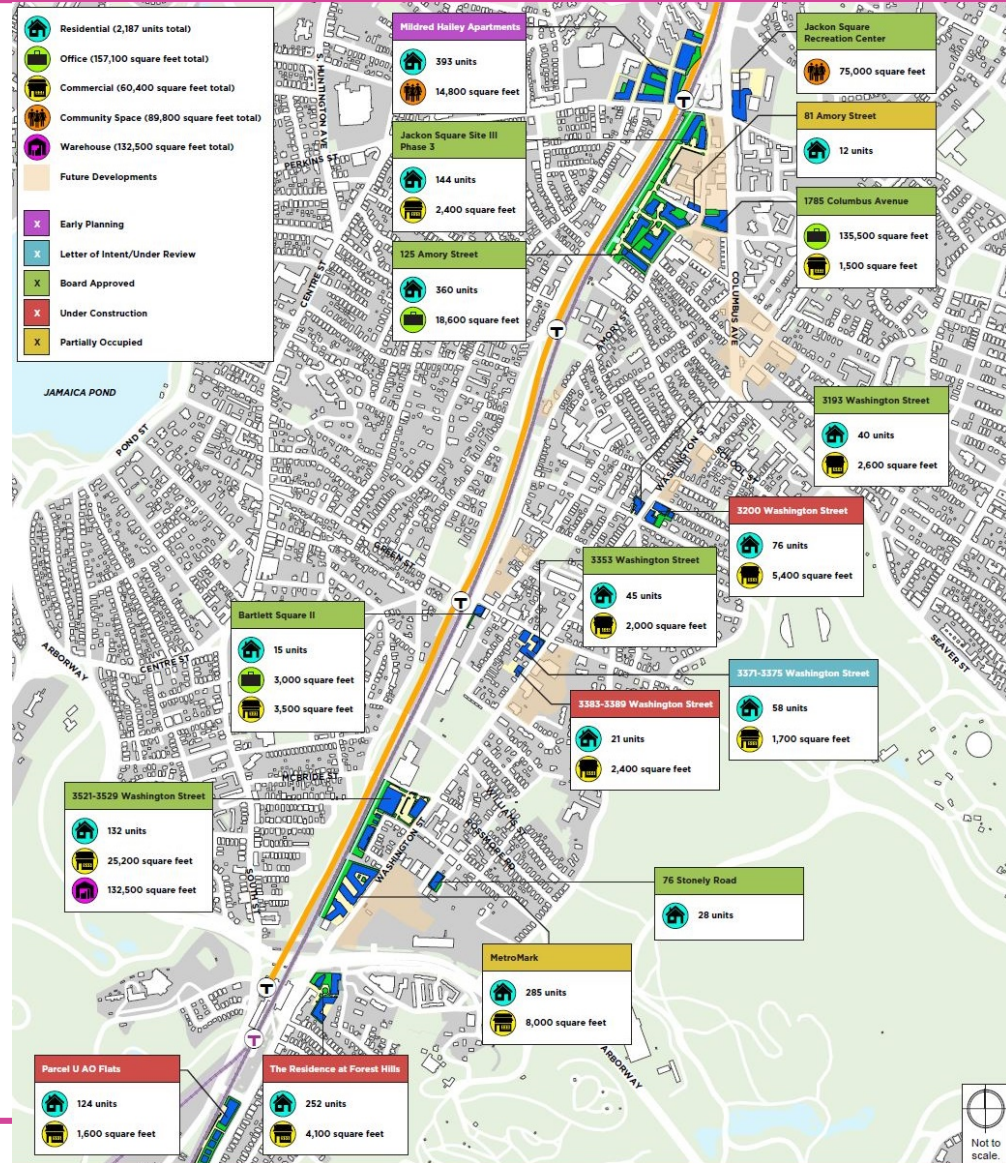
**Board Approved**



**Under Construction**



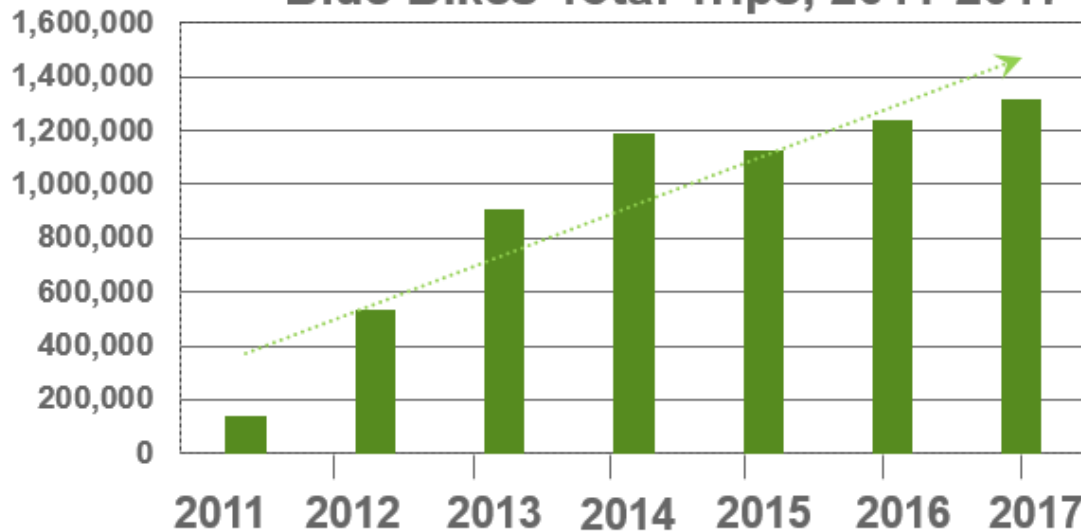
**Partially Occupied**



Source: Boston Planning & Development Agency

# A Changing Transportation System

## Blue Bikes Total Trips, 2011-2017



	140,974	531,388	908,165	1,186,256	1,122,544	1,236,236	1,313,837
% change		276%	70.9%	30.6%	-5.3%	10.1%	6.2%

## How We Get to Work Today and Aspire to in 2030

### Mode for Bostonian Commutes

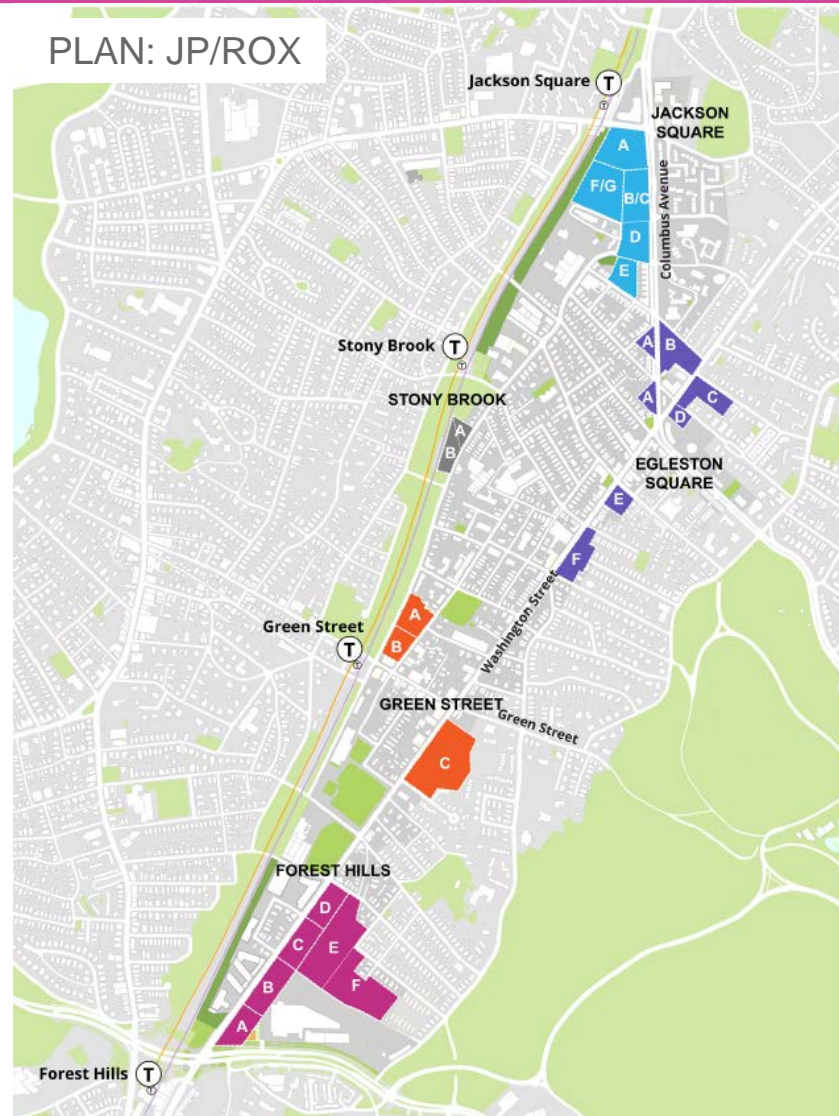
Mode for Bostonian Commutes	Today*	2030 Aspirational Goal
Public Transit	34%	↑ Up by a third
Walk	14%	↑ Up by almost a half
Bike	2%	↑ Increases fourfold
Carpool	6%	↓ Declines marginally
Drive Alone	39%	↓ Down by half
Other/Work from Home	5%	↑ Slight increase in Work from Home

### Mode for Commutes into Boston from the MAPC Region†

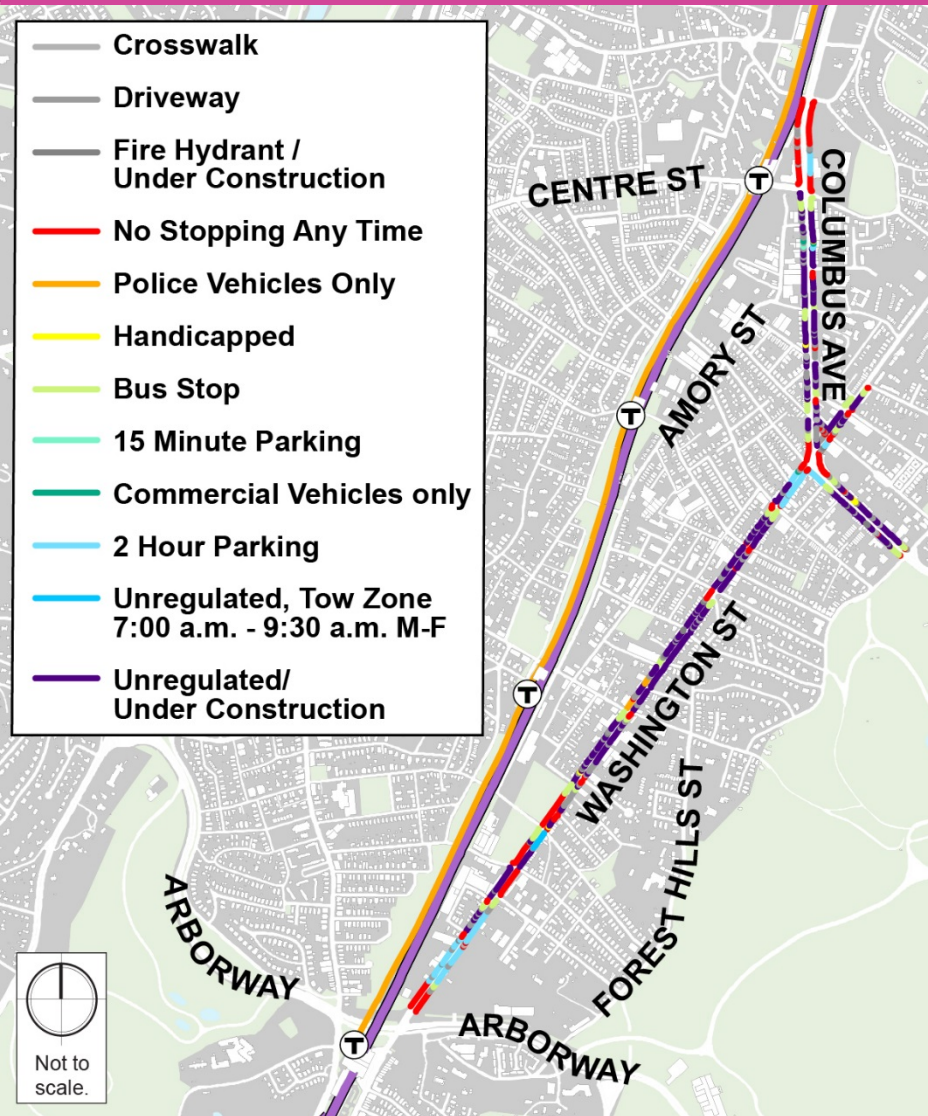
Mode for Commutes into Boston from the MAPC Region†	Today*	2030 Aspirational Goal
Public Transit	40% (10% Commuter Rail)	Up by a third
Walk	2%	Doubles
Bike	1%	Increases fourfold
Carpool	8%	Increase by half
Drive Alone	50%	Down by half
Other/Work from Home	1%	Slight increase in other modes (taxi, motorcycle, etc.)

# Traffic Projections – PLAN: JP/Rox

- PLAN: JP/Rox
  - 3,859 housing units
  - 365,000 SF commercial space
- 2030 Volume Projections
  - 0.5% to 1.0% growth per year



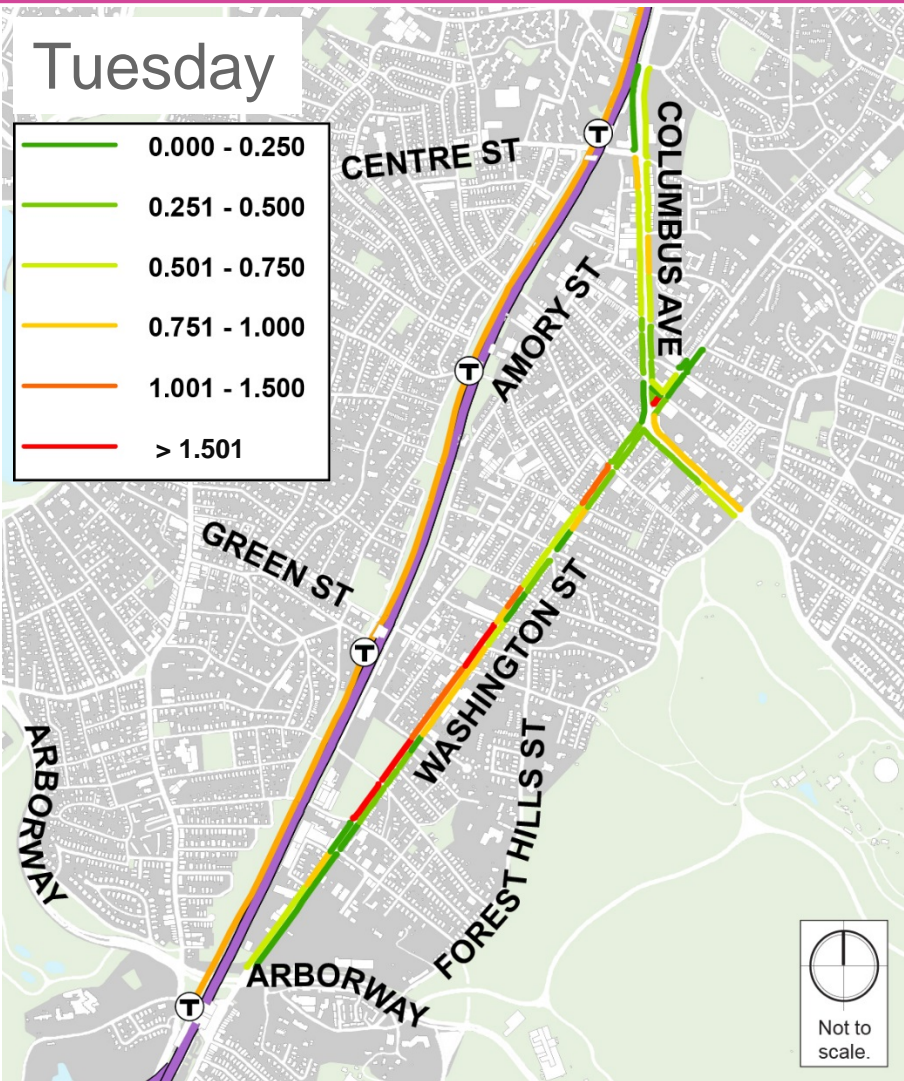
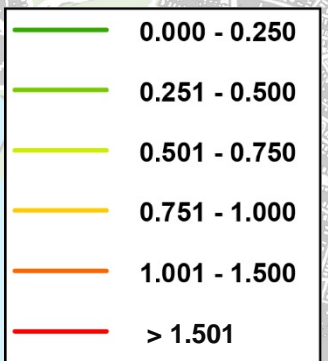
# Investigations On Street Parking



- Existing curb regulations
- Occupancy
  - 8 a.m., 12 p.m., 5 p.m., 8 p.m.
- Turnover (Egleston Square)
  - Morning Peak
  - Lunch
  - Evening Peak
- 2 weekdays in June
  - Tuesday: after street cleaning conditions (Washington northbound) (restricted)
  - Thursday: base

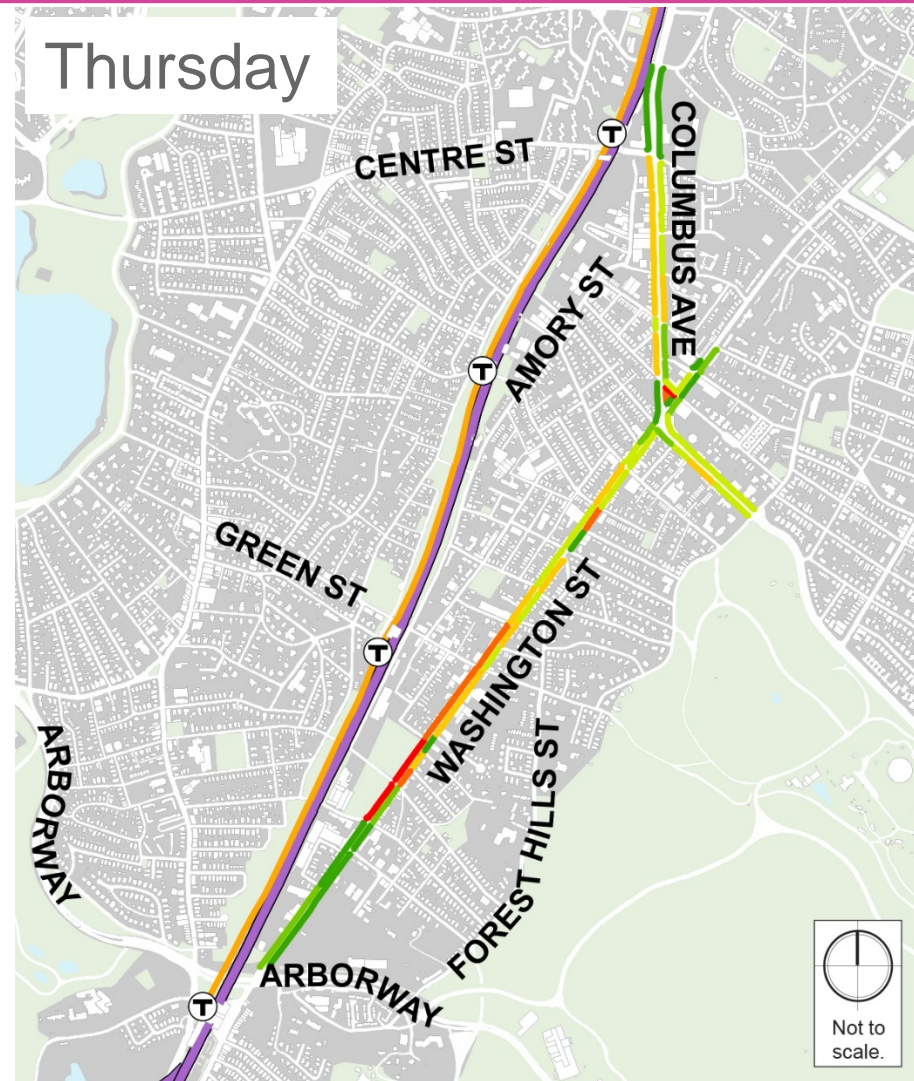
# Investigations On Street Parking (8:00 a.m.)

Tuesday



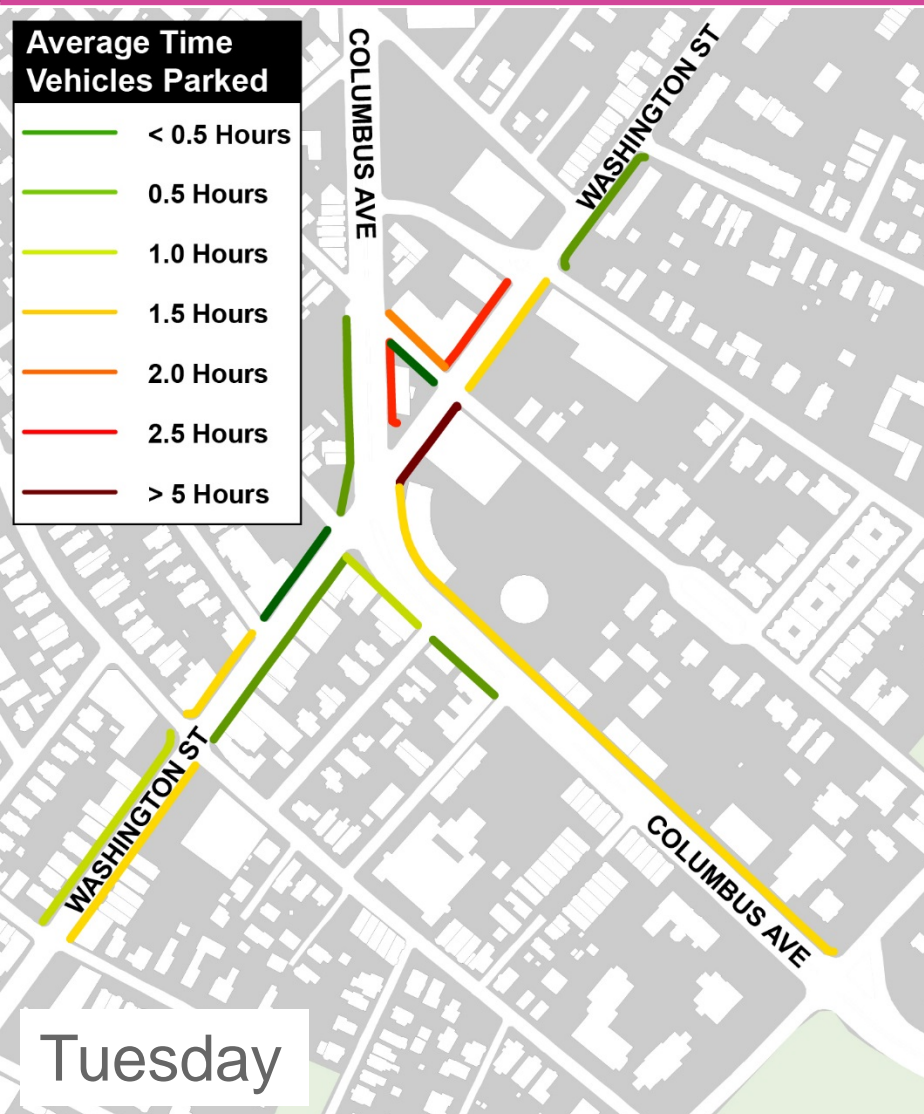
Not to scale.

Thursday



Not to scale.

# Investigations On Street Parking



- How can we better facilitate the short-term parking that occurs today?

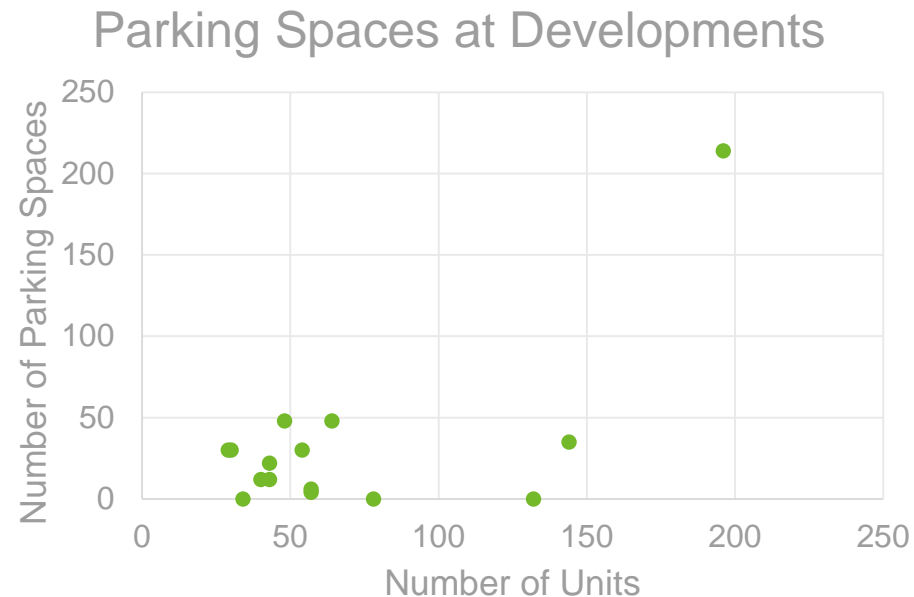
Washington Square  
Curb Use  
Management

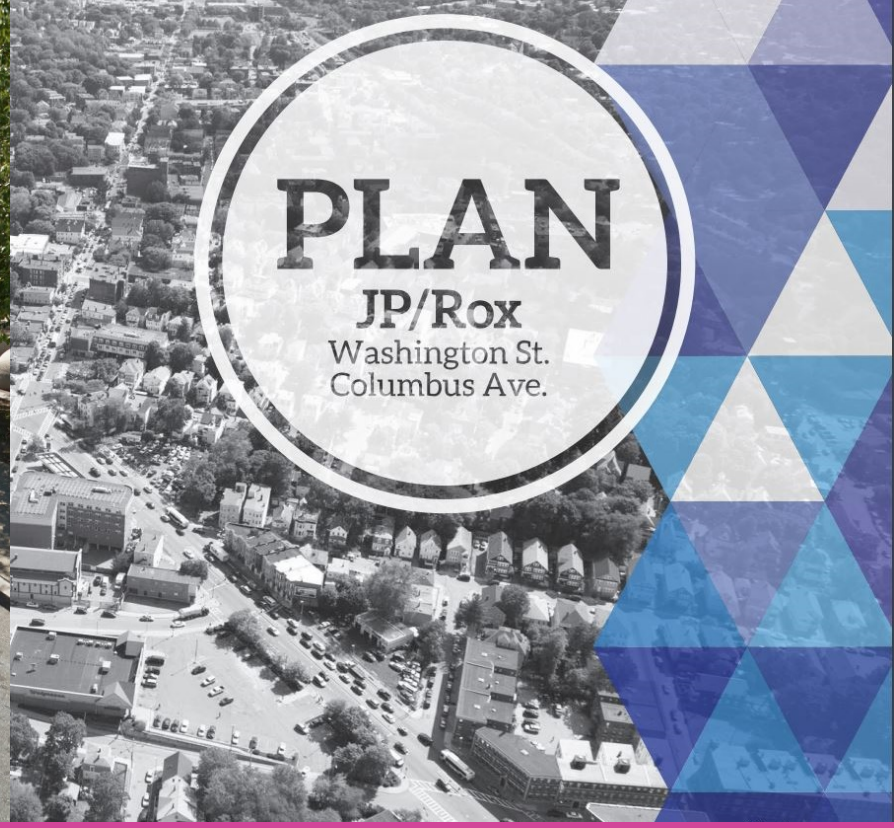
TNC Pickup/Drop  
Off Zones



# Investigations Off Street Parking

- MAPC is conducting Perfect Fit Parking Study
- Availability of and desire for residential parking, bike parking
- Early Results:
  - *80% units thus far counted are subsidized*
  - *Almost all rental units*
  - *50% parking included in cost*
  - *67% reserved spaces provided*
  - *Approximately 1 parking space provided for every 2 units*





# Priority Project Updates



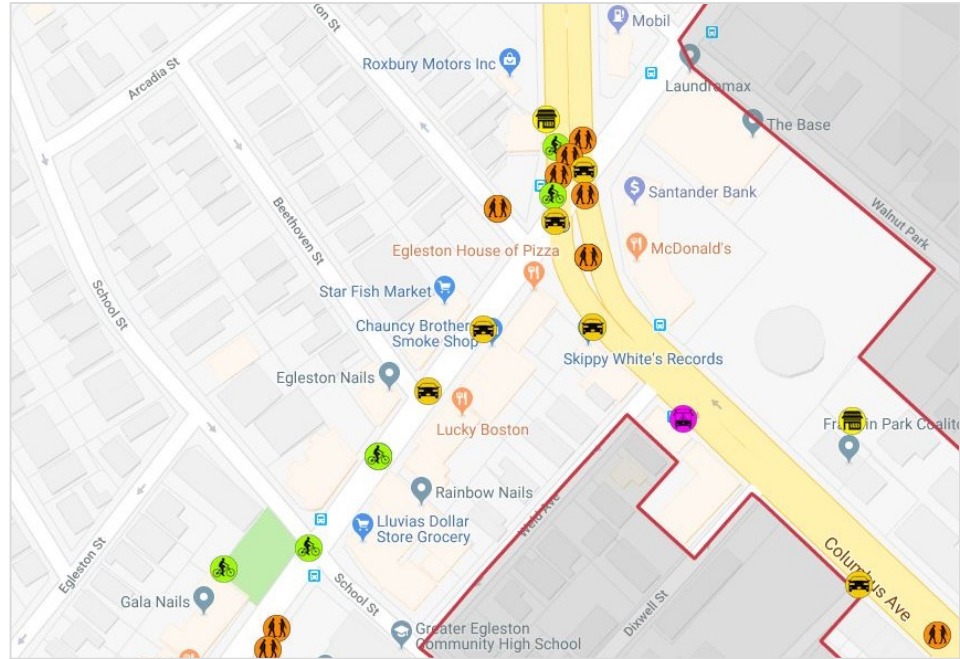
**PRIORITY PROJECTS**

# Egleston Square Improvements

# Priority Projects: Egleston Square Improvements

## Balancing Competing Desires

- Parking availability for local businesses
- Safe bicycle movement
- Reduce delay, to reduce neighborhood cut-through
- Pedestrian safety and comfort
- Related Action Items:
  - Columbus Avenue inbound bus/bike lane
  - Washington Street a.m. bus lane/queue jump

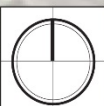
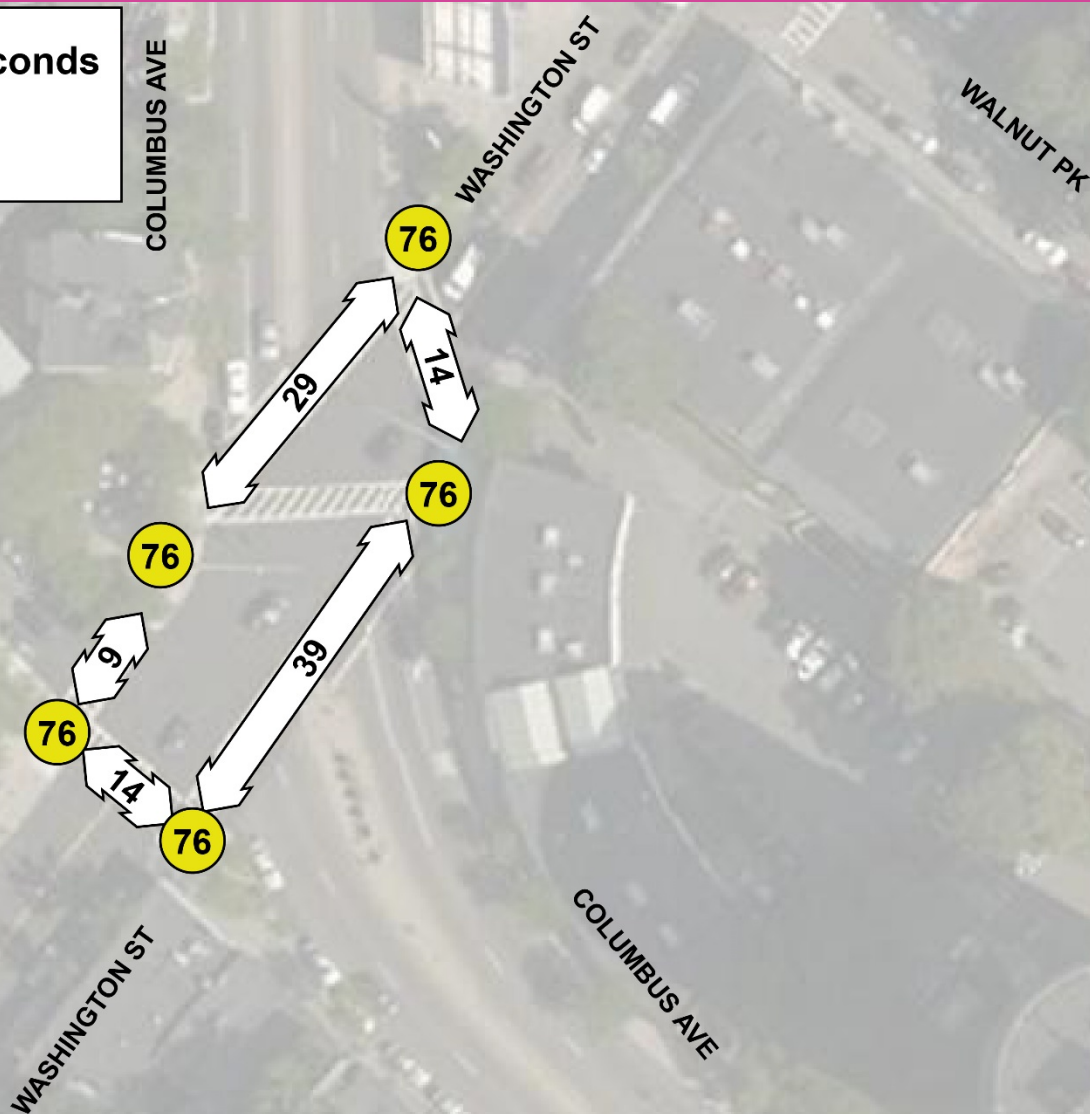


# Priority Projects: Egleston Square Improvements

## Traffic Analysis

**#s** Average Pedestrian Delay, Seconds

**#s** Time to Cross, Seconds



Not to scale.



Boston  
Transportation  
Department

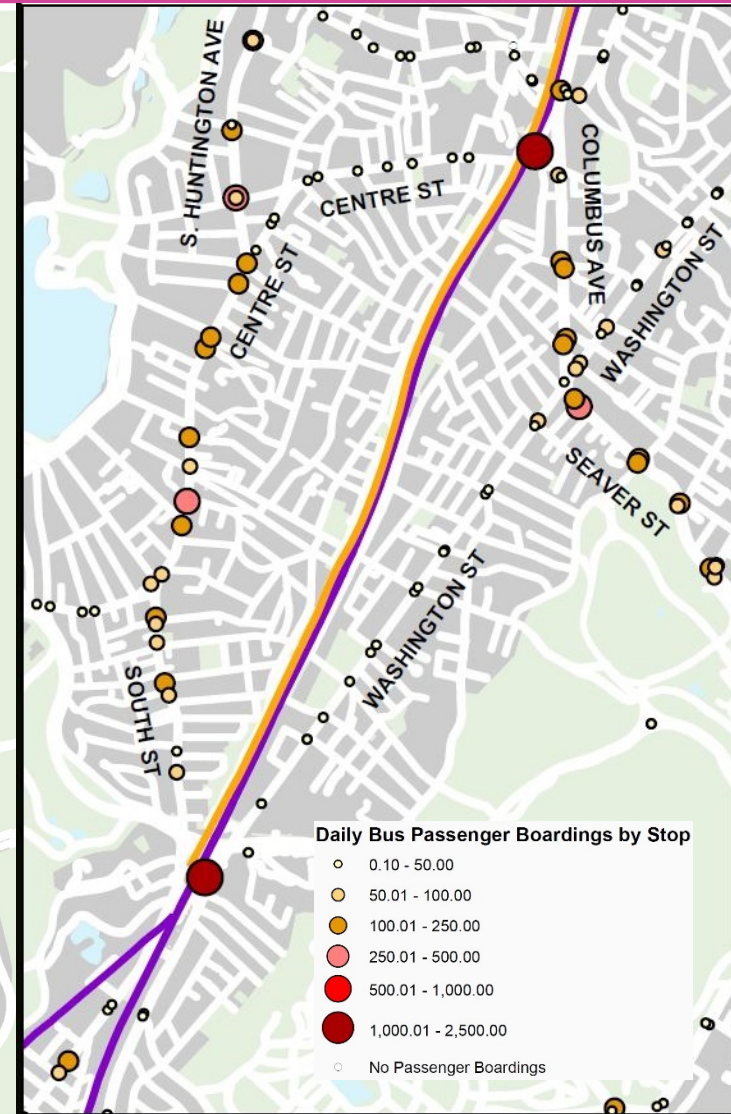


PRIORITY PROJECTS

# Delay and Bus Stop Improvements

# Priority Projects: Bus Delay and Stop Improvements Bus Stops and Curb Use

- Crosswalk
- Driveway
- Fire Hydrant / Under Construction
- No Stopping Any Time
- Police Vehicles Only
- Handicapped
- Bus Stop
- 15 Minute Parking
- Commercial Vehicles only
- 2 Hour Parking
- Unregulated, Tow Zone 7:00 a.m. - 9:30 a.m. M-F
- Unregulated/ Under Construction



Source: MBTA APC Data Oct. 2017

# Priority Projects: Bus Delay and Stop Improvements

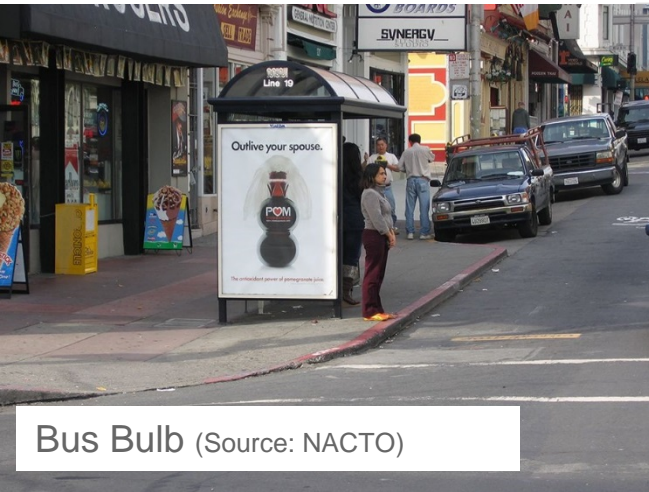
## Bus Stop Improvements

- Washington Street

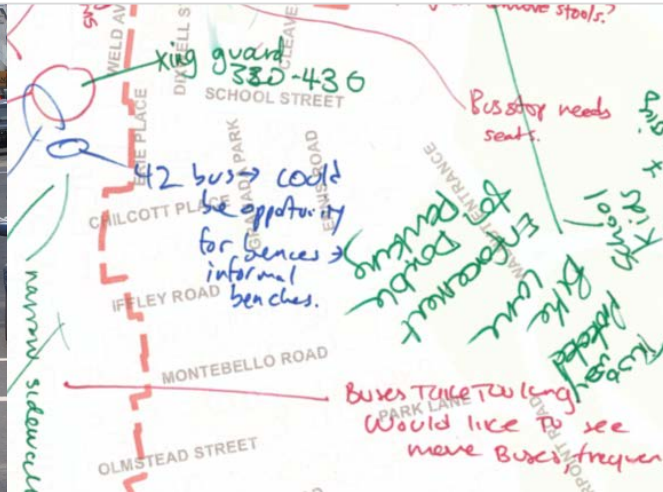
- Curb space evaluation
- Seating
- Potential for bus bulbs or floating bus stops
- Placemaking

- Columbus Avenue

- Curb space evaluation
- Seating
- Floating bus stops
- Placemaking



Bus Bulb (Source: NACTO)



Floating Bus Stop (Source: NACTO)



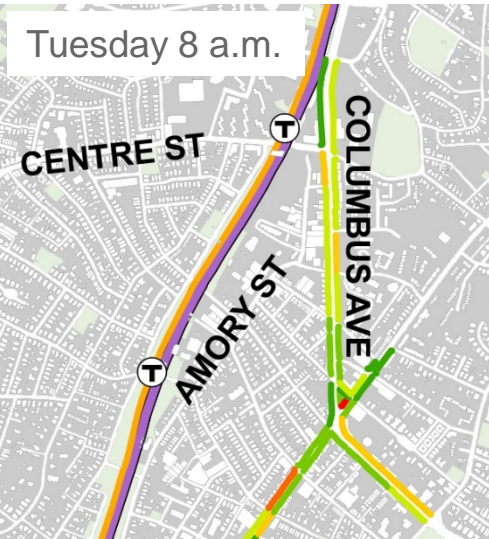
# Priority Projects: Bus Delay and Stop Improvements

## Bus Delay - Project Elements

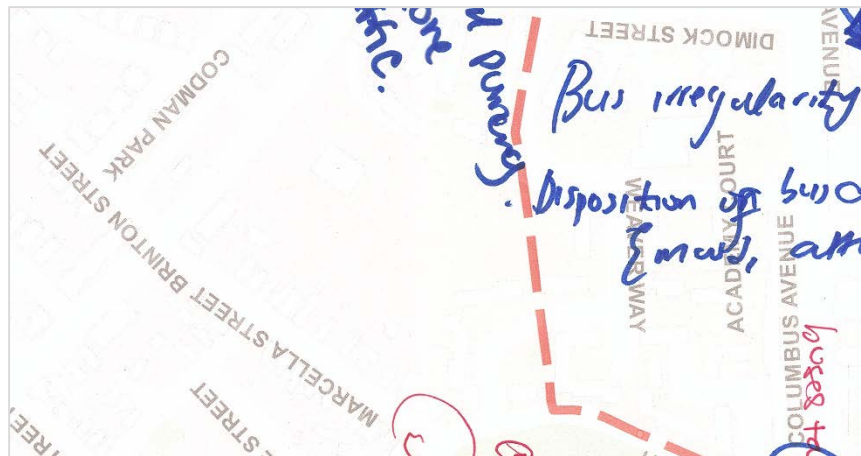
- Signals
  - Signal Retiming
  - Transit Signal Priority
  - Queue Jump
- Physical
  - Bus-only Lane
  - Queue Bypass
  - Relocate Bus Stops from Near-side to Far-side
- Transit
  - Schedule Adjustments
  - Multiple Door Boarding
  - Off-board Fare Collection



# Priority Projects: Bus Delay and Stop Improvements Columbus Avenue



- Desire for a Complete Street:
  - Bus Lanes
  - Space for Bicycles
  - Safe Crossings
- Prioritize a.m. peak
- Transit Signal Priority





**PRIORITY PROJECTS**

# **Southwest Corridor Connectivity Improvements**

# Priority Projects: Southwest Corridor Connectivity

## Potential Project Elements

### 2.6 SWC Crossing Improvements



- Sight line improvement
- Crossing Improvements
  - Raised crossings
  - Ramp widening
  - Midblock crossings
- Wayfinding
- Improved east/west connectivity

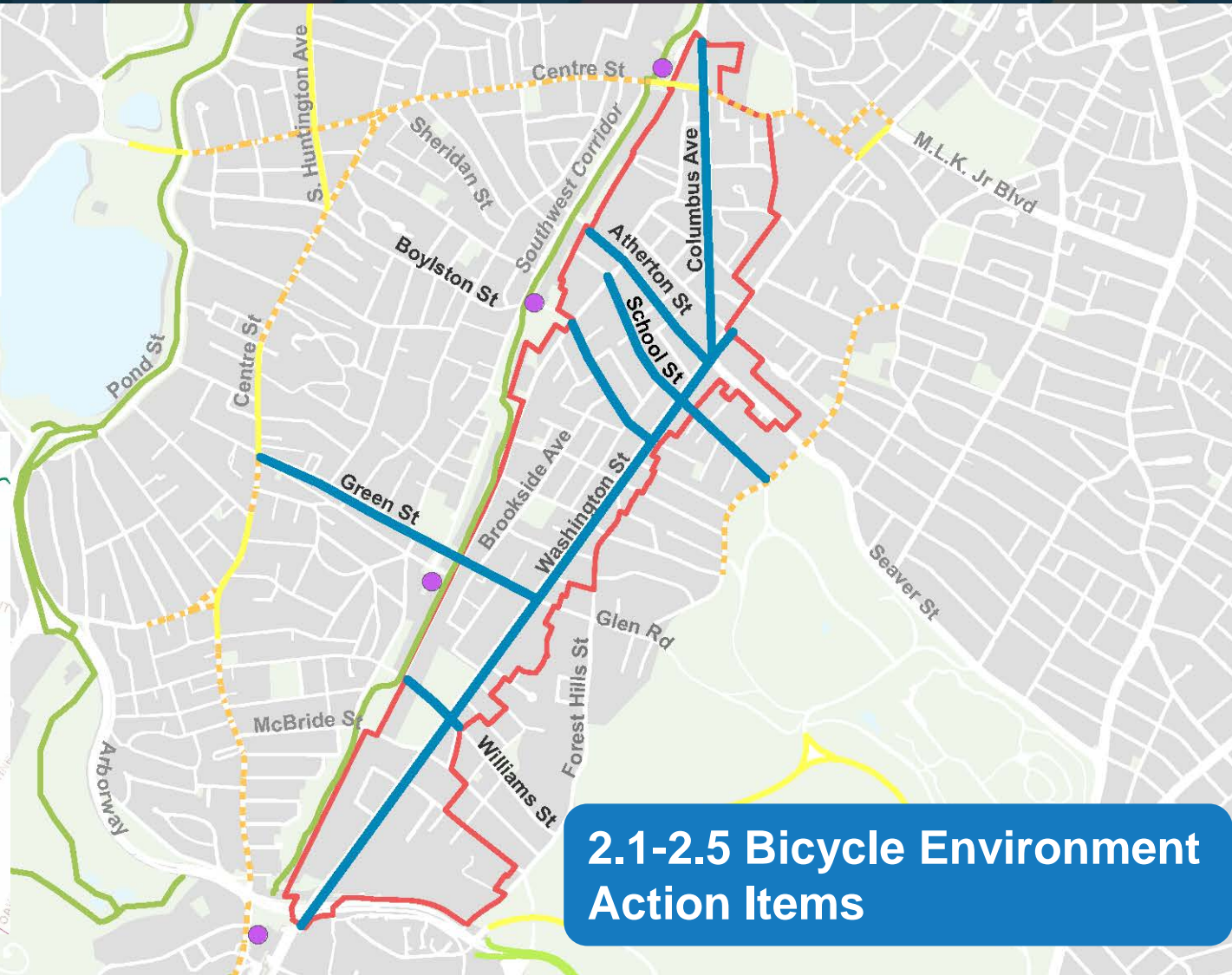


# East/West Connections

## Existing Bicycle Facilities

- Sharrows
- Bicycle Lanes
- Buffered Bicycle Lane
- Shared Use Path

- Proposed Bicycle Connections
- MBTA Transit Stations



*Make better east-west connections for Bikes.  
Green st has a nice bike path morning connects it to Williams St (east-west)  
Brookside sidewalk is broken on*

2.1-2.5 Bicycle Environment Action Items



**PRIORITY PROJECTS**

# **Public Realm Improvements**

# Priority Projects: Public Realm Improvements

## Community Proposed Locations

- Public Space Activation
  - Street furniture adjacent to parks and further down Washington Street
  - Washington Street and Forest Hills Street
- Pedestrian Safety and Traffic Calming Improvements
  - Raised crossings at side streets
  - Daylighting at intersections and crosswalks on Washington Street and on side streets



# Priority Projects: Public Realm Improvements Community Proposed Locations



Montebello Street



Egleston Square



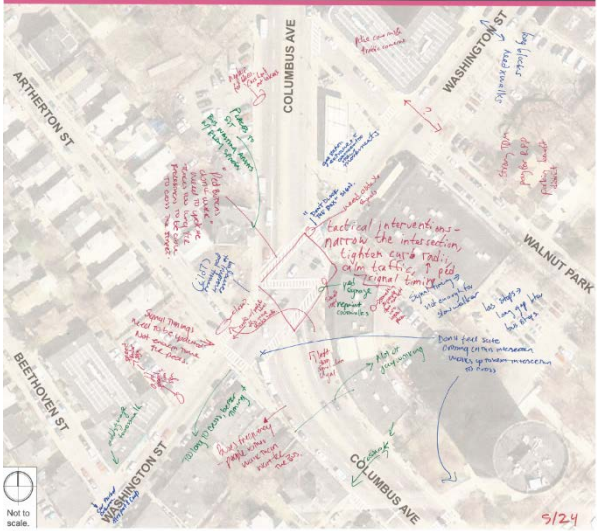
Green Street



Washington Street



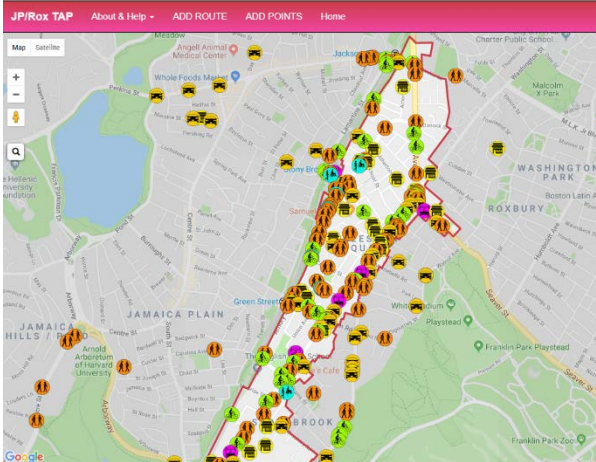
Egleston Square: What concerns do you have as you travel through Egleston Square?  
¿Qué preocupaciones tiene mientras viaja por Egleston Square?



## JP/Rox Transportation Action Plan

Click ADD ROUTES to see how to move about the project  
Click ADD POINTS to add

- Accessibility (ADA)
- Pedestrian
- Bicyclist
- Transit Rider
- Driver



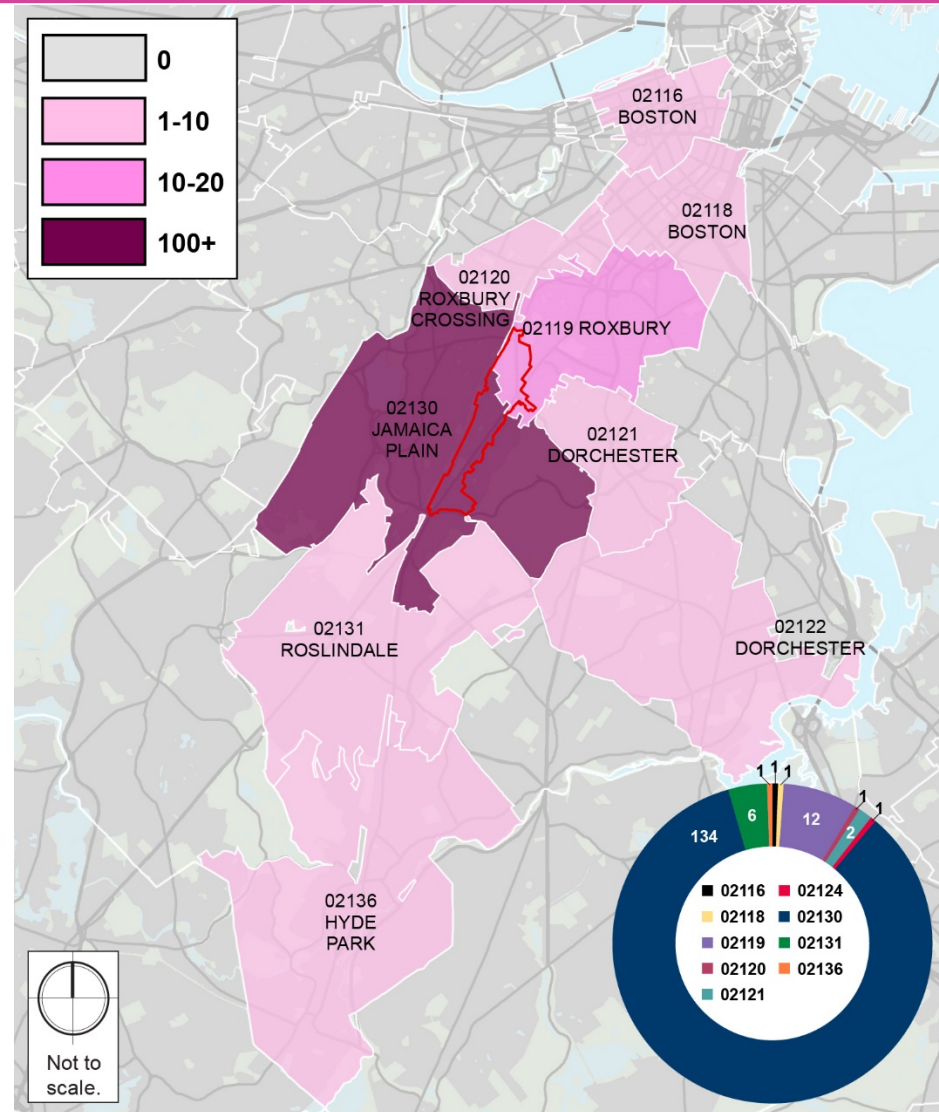
# Community Feedback Review and Action Item Highlights

# March Public Meeting



# WikiMap

- March 8 – June 15
- 254 pins dropped, including 409 comments on pins
- 97 desire lines drawn for bicyclists and transit users
- 78 users dropped pins



# Pop Ups

- Southwest Corridor near basketball courts
- Washington Street at Williams Street
- Peace Garden and Egleston Square
- Jackson Square – Centre Street at Busway Exit



# Selecting Action Items

PLAN JP/Rox Transportation Priority Projects

Public  
Comments

Existing &  
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All  
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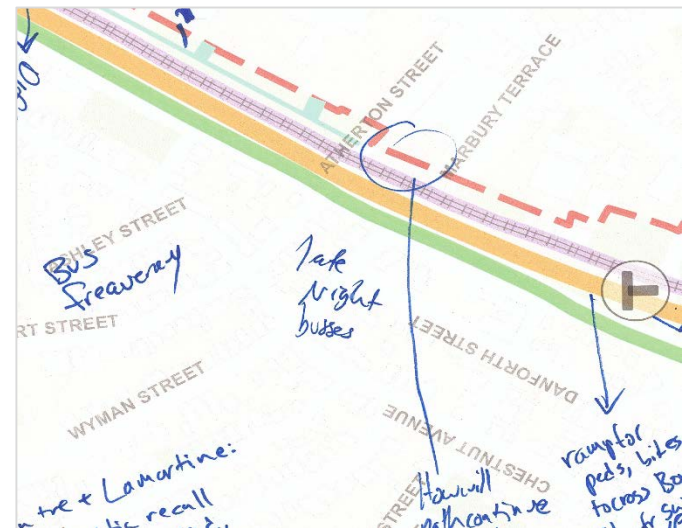
# MBTA Capital and Service Planning



## AFC 2.0



- Anticipated rollout 2021
- All-door boarding
- Reload fare card with cash or credit card at vending machines located at all stations and some stops





# Sidewalk Café Permit Applications

- Department of Public Works, Public Improvement Commission
- Materials that can be moved, minimum maintained sidewalk width can be required
- As additional pedestrian space is created on Washington Street, existing businesses can choose to pursue this





# Ongoing Improvements

- BTD and Egleston Square Main Streets Coordinating a Parklet at Washington Street at Chilcott Place
  - With the help of A Better City, Barr Foundation



# TDM and Development Parking

- Encourage more local developers and building managers to perform and monitor TDM, report annually to the city
- Establish standardized TDM requirements for all developments
- Hire TDM Coordinator

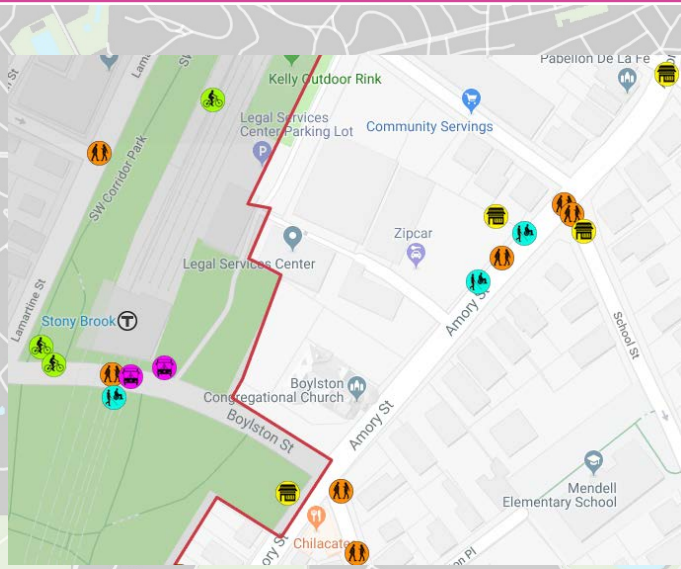
**Survey travel behavior and assess effective incentives**



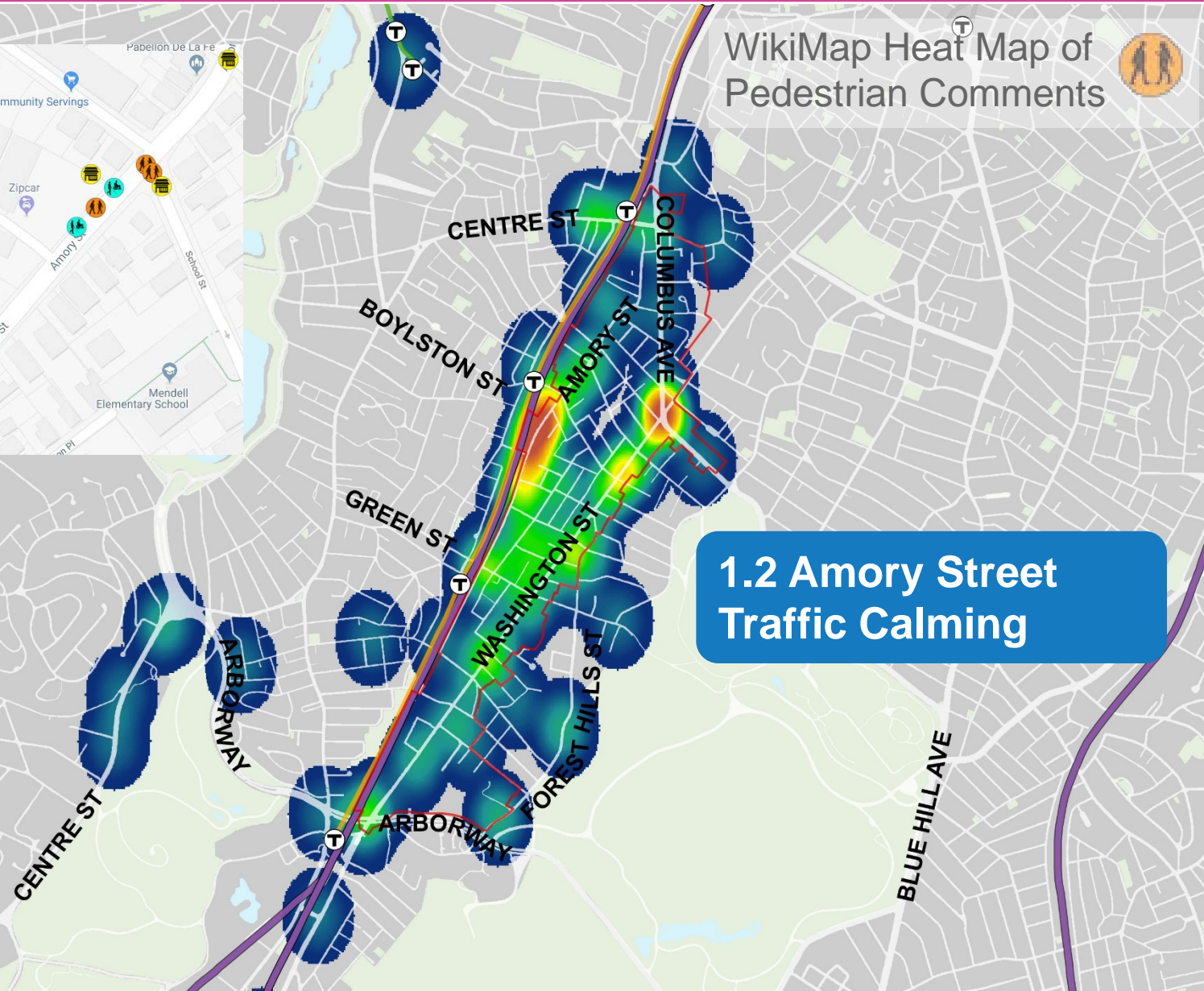
*“This is an ideal spot for a development that includes \*NO\* parking and greater density. Abutters are primarily commercial. Would love to see a proper grocery store a la Roche Bros downtown crossing store, oriented towards the transit crowd”*

*- WikiMap, (Green Street)*

# Optimizing Projects




WikiMap Heat Map of Pedestrian Comments 

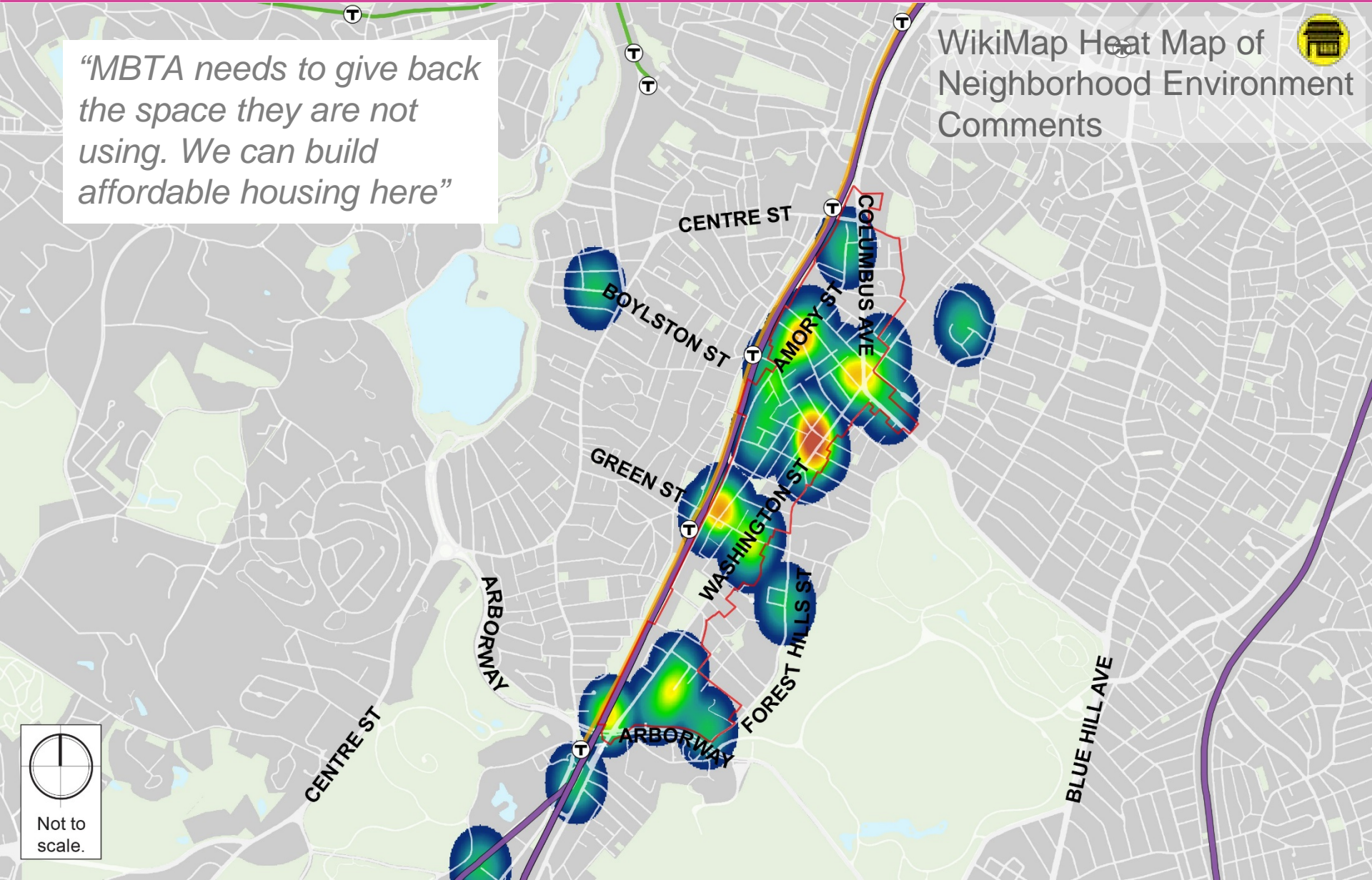
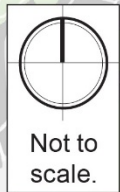


Not to scale.

# Applying Jurisdiction Check

*"MBTA needs to give back the space they are not using. We can build affordable housing here"*

WikiMap Heat Map of Neighborhood Environment Comments 



# Selecting Action Items

PLAN JP/Rox Transportation Priority Projects

Public  
Comments

Existing &  
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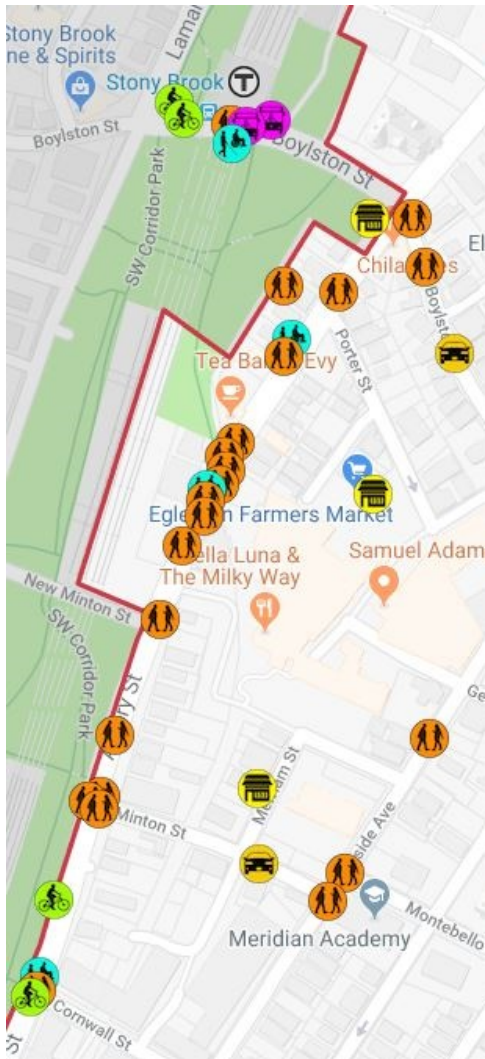
All  
Suggested  
Projects

Gauging  
Community  
Preference  
Feasible?  
Combine?  
Redundant?  
Jurisdiction?

Selected  
Priority  
Projects



# Neighborhood Traffic Calming



- Identify missing crosswalk locations
- Improve and widen sidewalks
- Curb extensions
- Clarify parking spaces
- Raise crossings
- Narrow lanes

## 5.2 Traffic Calming

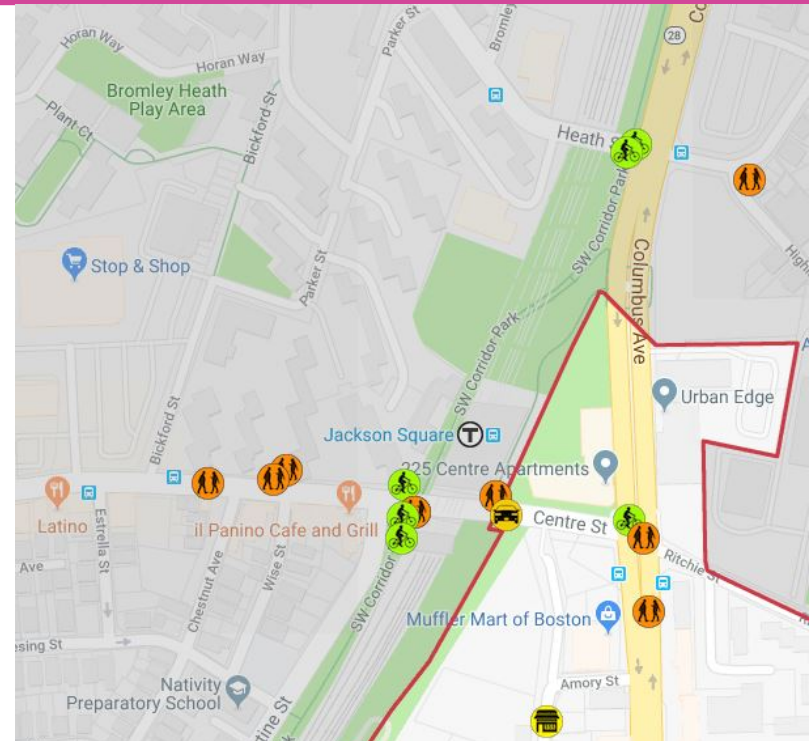


# Jackson Square

- Pedestrian flows out of station need improved crosswalks
- Evaluate curb space/lane designation for buses leaving station

## 5.3 Centre Street/Ritchie Street/Columbus Avenue Intersection

- Coordination with Highland Park Slow Streets
- Coordination with Vision Zero engineering at Centre Street/Heath Street/ Columbus Avenue Intersection



# Green Street Activation

- Circulation for last mile connections
- Commercial delivery
- Wider sidewalks and placemaking opportunities
- Critical bicycle link in the regional network



## 6.2 Green Street Activation with Traffic Calming and Gateway Treatments

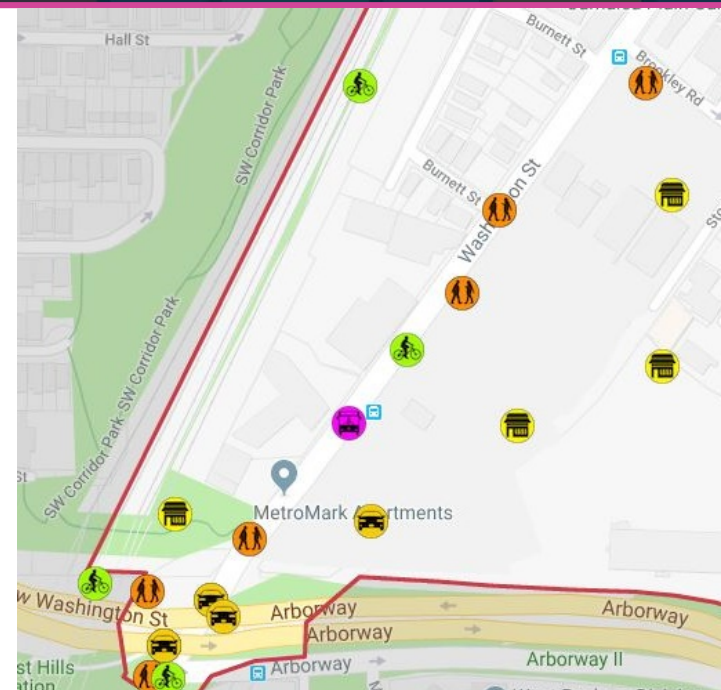
Public Space Enhancement

- "More gathering places for young people"
- "Dog park; community gardens; pocket parks/plaza. Inclusivity/affordability"
- "Enhance + grow Franklin Park; better maintenance"
- "More inviting Green Street"
- "Designated off-street parking"



# Washington Street Bike Lanes

- Identified in PLAN: JP/Rox
  - Provides local access and connection to Egleston and Dudley Squares



**Description:** High Vehicular Speeds

**Comment:** NB car traffic is particularly aggressive here. Poor passing space.

I agree

I disagree

I Agree

Mar 30, 2018 by

I Agree

Mar 27, 2018 by Anonymous

I Agree

Mar 26, 2018 by Anonymous

I Agree. Also motorists consistently park in the bike lane. A separated bike lane would be much, much safer.

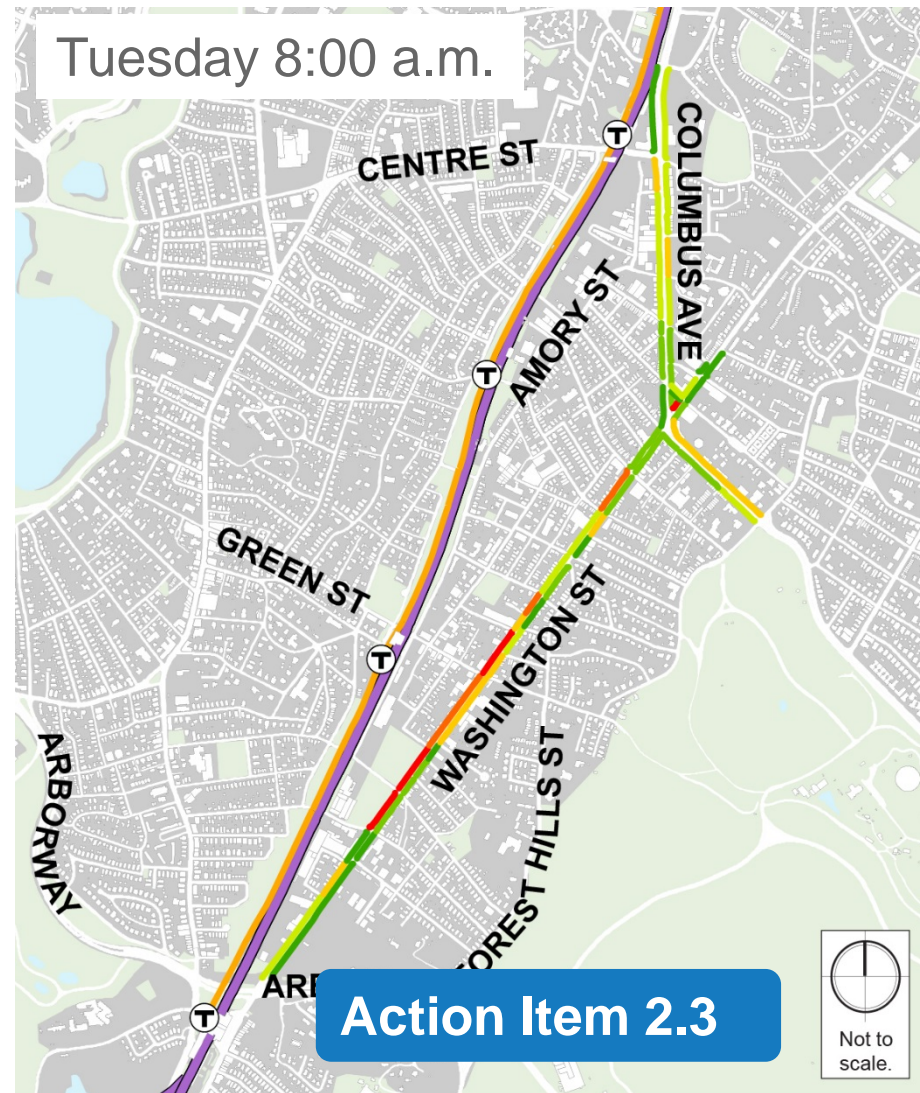
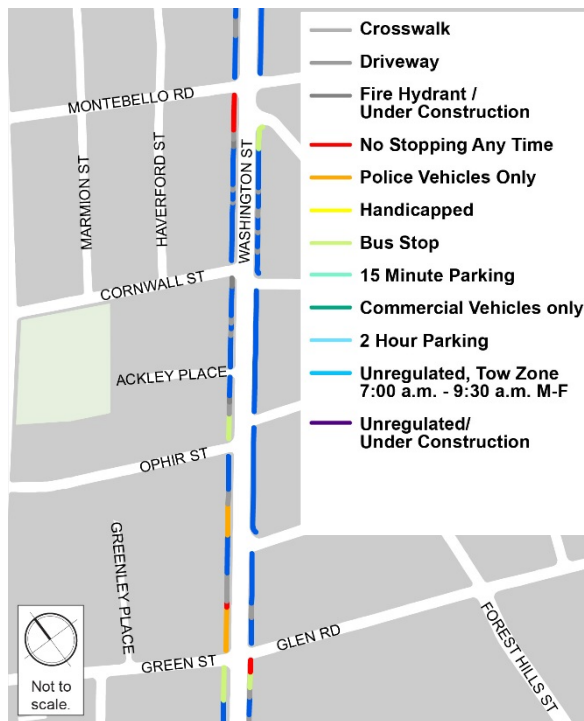
Mar 21, 2018 by



Boston  
Transportation  
Department

# Washington Street Bike Lanes

- Balance desire for bicycle space and parking availability



# Washington Street Signal Retiming

- Arborway to School Street
- Implement lead pedestrian intervals
- Concurrent phasing
- Clarify left turns from Washington Street towards Centre/South Streets



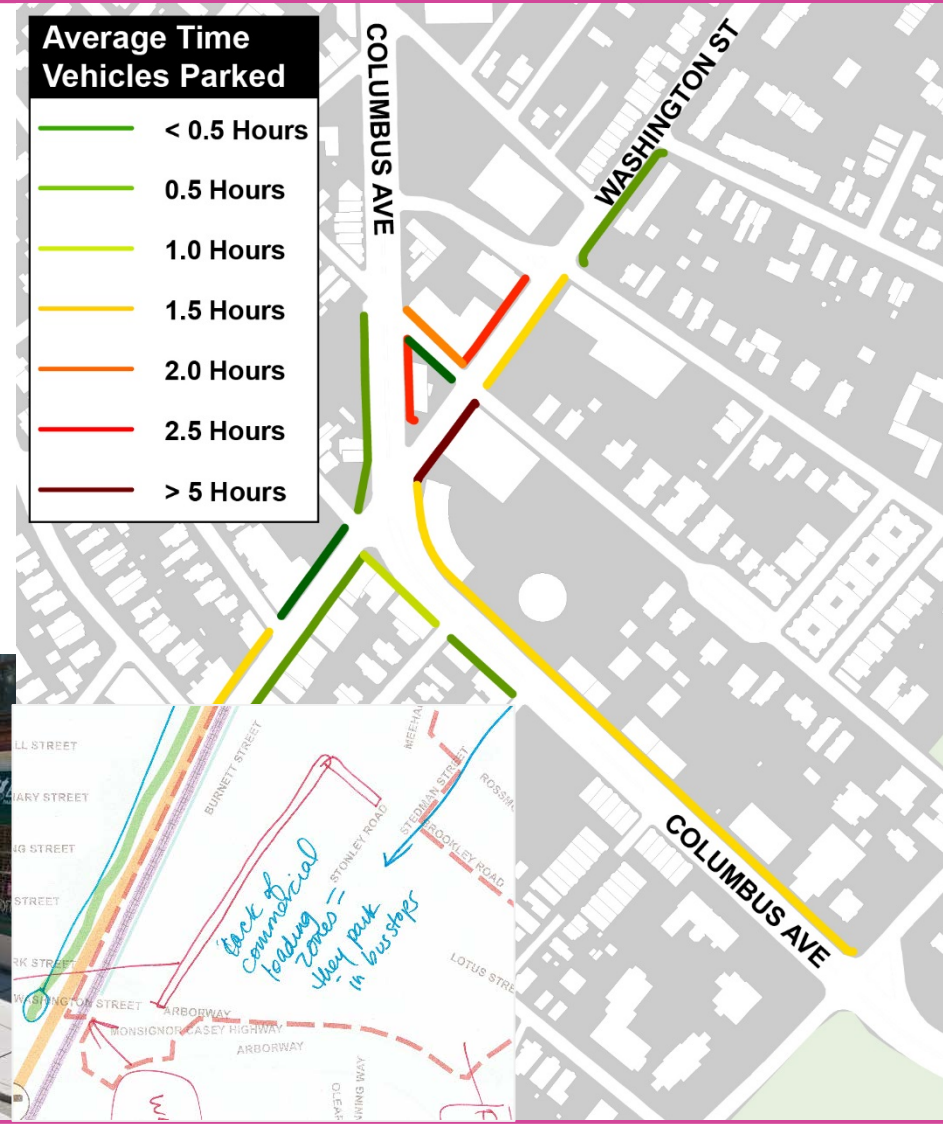
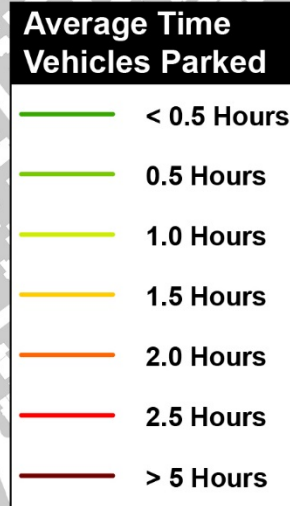
Action Item 5.1

# Flex Zone Clarity

Green Street Station Kiss-and-Ride Optimization

TNC Pick-Up/Drop Off Zone

Residential Parking



# Breakout Sessions

- Action Item Polling
  - Help us prioritize!
- Priority Project Board: Egleston Square
  - Talk through the details and provide feedback!
- Report Backs

# Breakout Sessions

- Action Item Polling
  - Help us prioritize
  - Points for your favorite projects help them get noticed!



100 points



50 points



25 points



**More  
Choices**



**Safety**



**Manage  
Congestion**



**Livability and  
Green Space**



**Land Uses  
that Shorten  
Trips**

# Goals for Next Time (Subject to Change)

## Presentation

- Results of Action Item Polling (Online and In Person)
- Demand Management Update

## Breakouts

- Action Item Plan Stations
- Progress on Priority Projects/  
Egleston Plaza Design Charrette
- Reportback & Discussion

# Stay Engaged

**CITY of BOSTON** | Mayor Martin J. Walsh

PAY AND APPLY PUBLIC NOTICES FEEDBACK TRANSLATE

WICKED FREE WI-FI EXPERIENCING TECH ISSUES / We are looking into a fix and apologize for the inconvenience.

HOME DEPARTMENTS TRANSPORTATION JP/ROX TRANSPORTATION ACTION PLAN Last updated: 3/19/18

## JP/ROX TRANSPORTATION ACTION PLAN

We're making short- and long-term improvements in the Washington Street and Columbus Avenue Corridor.

Still have questions? Contact:

TRANSPORTATION

- 617-635-4680
- BTD@BOSTON.GOV
- 1 CITY HALL SQUARE  
ROOM 721  
BOSTON, MA 02201-2026  
UNITED STATES

**GET UPDATES**

Sign up for project updates.

YOUR EMAIL ADDRESS

UPCOMING EVENTS MEETING INFORMATION RELATED DOCUMENTS ABOUT GO BOSTON 2030

# #JPRoxTranspo

Search For: JP/Rox Transportation

