

BIKE SHARE EXPANSION

*West Roxbury Neighborhood Council
May 28, 2019*



City of Boston
Mayor Martin J. Walsh



BIKE SHARE TODAY

- 270+ stations
- 2500+ bikes
- Owned by
 - Boston,
 - Brookline,
 - Cambridge, and
 - Somerville
 - *And soon Everett!*
- 8+ million trips



GO BOSTON 2030

- **2030 ASPIRATION:** Every home in Boston will be within a 10-minute walk of a:
 - rail station or key bus route
 - car share
 - Bluebikes station
- Early action commitment to increase the number of bike share stations in Boston

VISION People's Voice 1 Boston Today Goals and Targets ACTION PLAN People's Voice 11 Boston in 2030 Projects and Policies

Local

Bikeshare Network Expansion

Increase the number of bikes and stations to reach more Bostonians

Project Score

- Access 1
- Safety 1
- Sustainability
- Sustainability/Resiliency 1
- Sustainability/Resiliency 2
- Governance
- Access 2
- Safety 2
- Affordability

Marked as the habit as an Early Action commitment

Project Description

Bikeshare is a newer type of public transportation, providing a reliable and low-cost option for getting around the city and adjacent regions. Launched in 2011, the regional bikeshare system now has more than 1,400 bikes and 180 stations across Boston, Brockline, Cambridge, and Somerville. The system has grown so that docking stations are within a 5- to 10-minute walk of other stations; this allows people to find an alternative bike or dock if a station is full or empty, which significantly adds time to their trips. By the end of 2022, Boston aims to grow its part of the system 137 new stations, for a total of 264 stations in the city. The growth includes additional stations within the historic areas of the system and broader access in all densely-populated neighborhoods.



Photo credit: Suzanne Kruger/Boston Globe

Benefits and Issues Addressed

Bikesharing provides new residents, visitors, and workers with additional transportation options and increases connectivity within the existing public transportation network, serving as a first/last-mile/last-mile connection to rapid transit, commuter rail stations, and bus stops. Bikeshare helps reduce the number of single-occupant vehicle trips for work and non-work purposes in the region, supporting Boston's overall shift goals. Additionally, the widespread availability of low-cost, public bicycles means residents can choose an active, healthy lifestyle and reduce greenhouse gas emissions. In the future, bikeshare stations will be integrated into neighborhood Mobility Hubs (see slide 14) that cluster bus stops, carshare, bikeshare, electric vehicle charging, and improved wayfinding across the city.

Implementation

Agreements Cost: \$1.1 million for installation
Funding Sources: Title and other sponsorships, advertising, private foundation and public agency grants, developer leasing, new-generated revenues, and CMB capital and operating funds
Who's Responsible: ETD
Time Frame: Ongoing

In 2014, 23 new bikeshare stations were installed in Roxbury, northern Dorchesters, East Boston, Brighton, and the Airport. Continued expansion is anticipated.

Public Input

"Bikeshare should be utilized to work as transit alternatives between transit stations. As an example, along the Southwest Corridor, some Orange Line stations have Hailing/ docking stations, but there are few to no stations in the neighborhoods surrounding them. Adding more stations in these areas would allow people who live further from transit the opportunity to bike to the T!"

—02193

More info at http://bostonbikeshare.org/about/1411493394#02d6_you_how_the_way_to_expanding_in_northern_and_east_boston/

Go Boston 2030 184

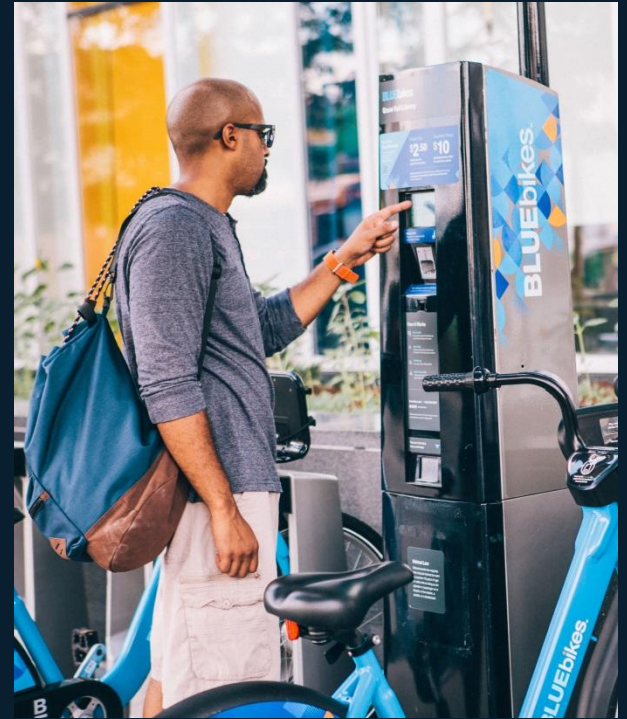
2018-19 EXPANSION

- 120+ new stations in Boston
- Largest investment in system, ever
- More reliable, easier to use, available in more neighborhoods



BEING DENSE IS A GOOD THING

- Keep stations near each other
- More nearby stations means more places to find a dock or a bike
- Bike share becomes a more reliable option



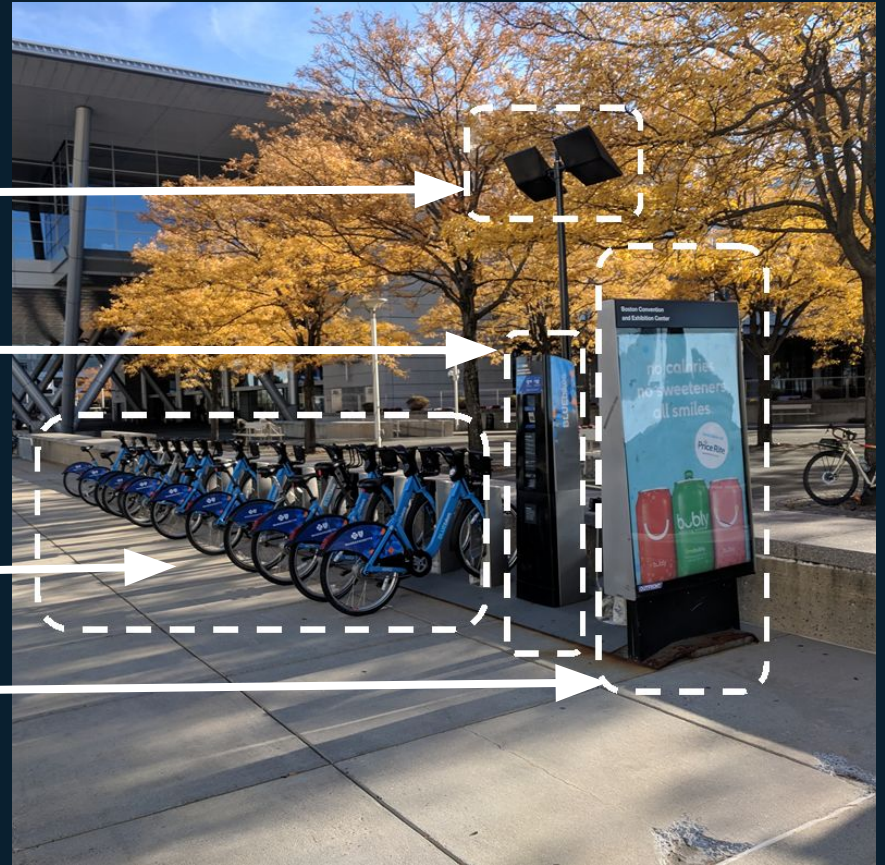
EXPANDING THE SYSTEM

- In areas with the most demand for bike share, stations should be no more than a 3- to 5-minute walk
- In neighborhoods that are further from the system's core, stations should be no more than a 10-minute walk



TYPICAL BIKE SHARE STATION

- 51' long, 6' wide
- A solar panel
- A kiosk for rental transactions
- 19 bike docks
- A map panel



OFF-STREET: SIDEWALKS, PLAZAS



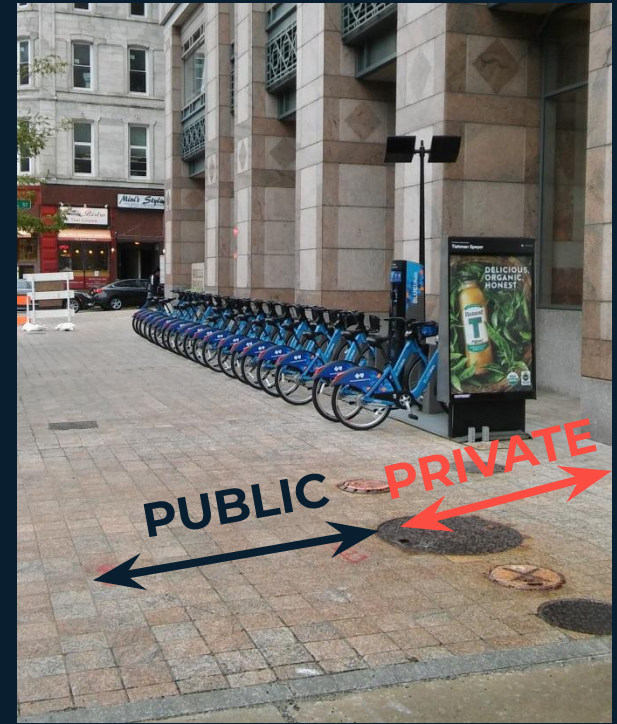
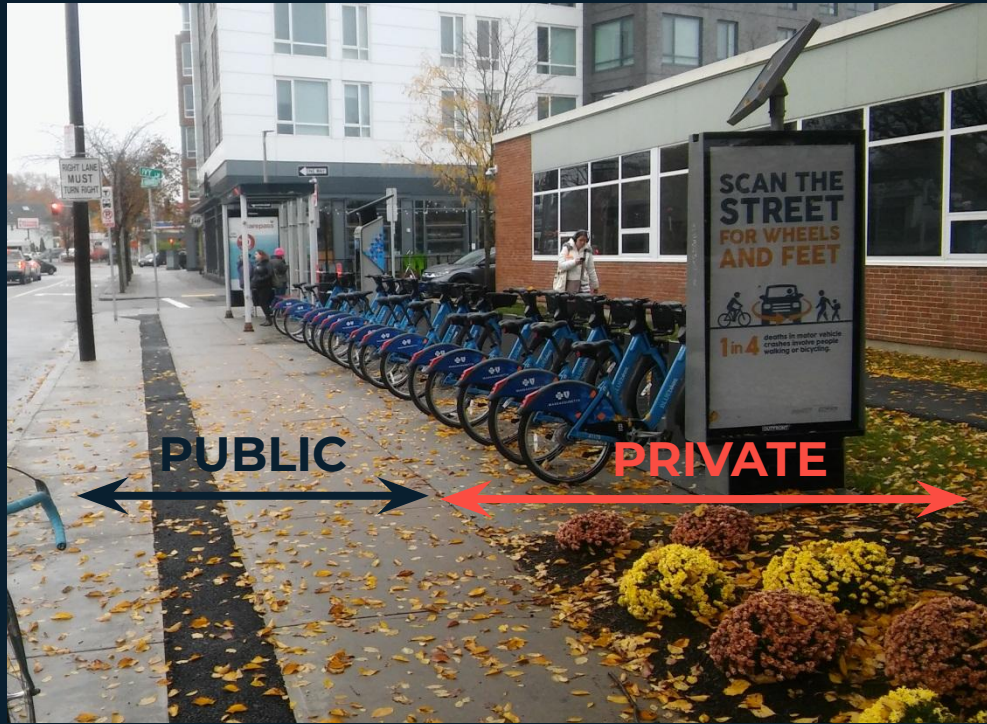
*Leave room for people walking, with strollers, in wheelchairs
Sidewalk must be at least 11' wide*

IN-STREET: PARKING LANES



*Provide parking for 19 bikes in the same space as about 3 cars
Stored December – April for snow plowing*

PRIVATE PROPERTY



*Land-owners must agree and sign legal documents
Publicly available at all times, easy for crews to service*

OTHER AGENCIES AND DEPARTMENTS



MBTA, DCR, etc.

Agencies/departments must agree and sign legal documents

GOOD LOCATIONS ARE

Visible

Sunny

Clear of utilities

Open for business



*Our system is entirely solar-powered
Without enough sun, the stations don't work*

GREAT LOCATIONS ARE

Visible

Sunny

Clear of utilities

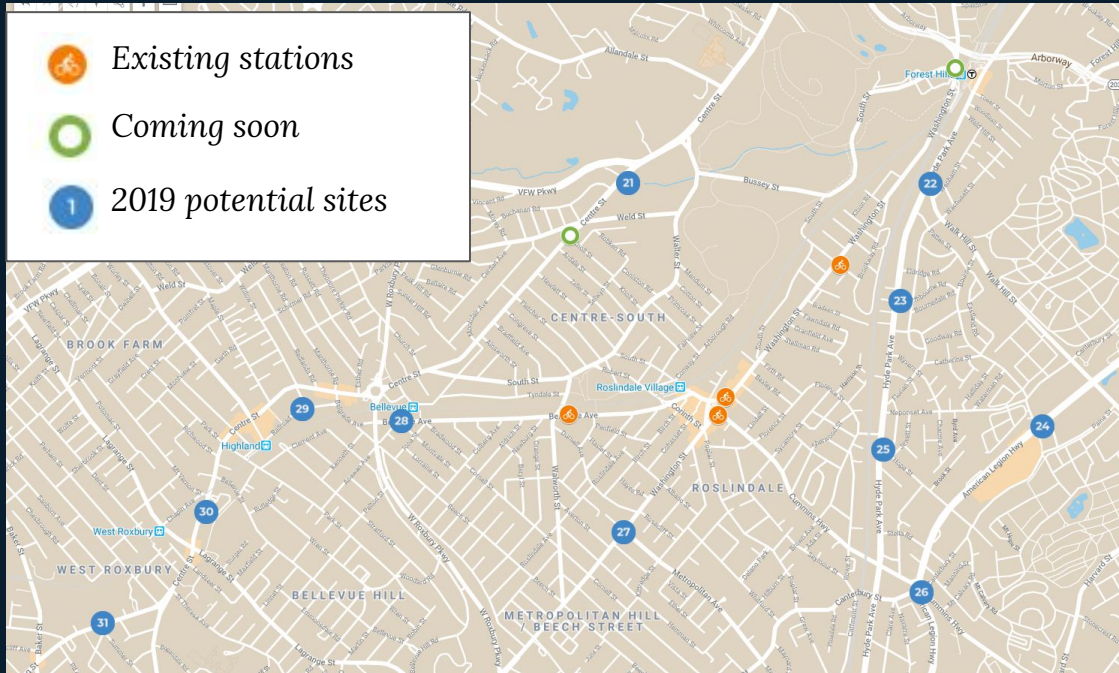
Open for business

WHERE YOU WANT TO GO!



POTENTIAL NEW SITES

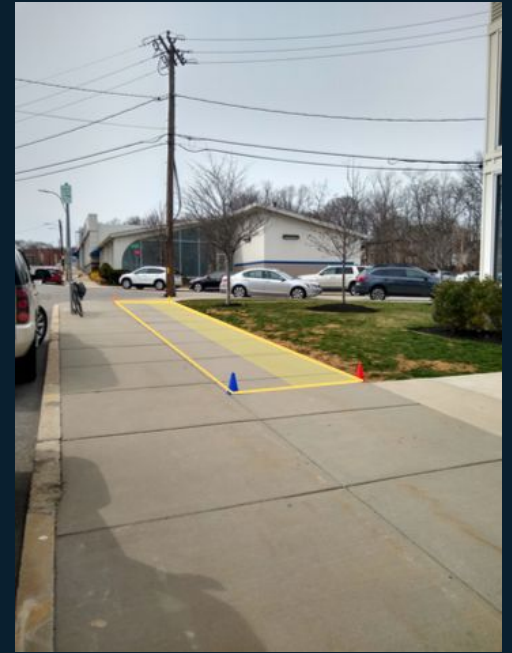
7-9 new stations



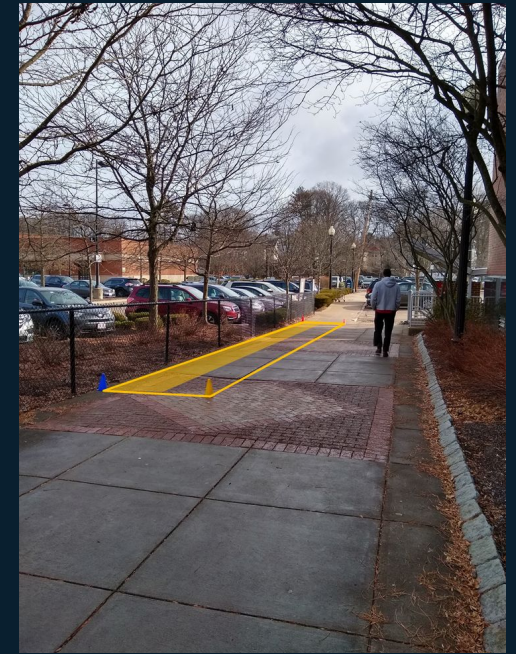
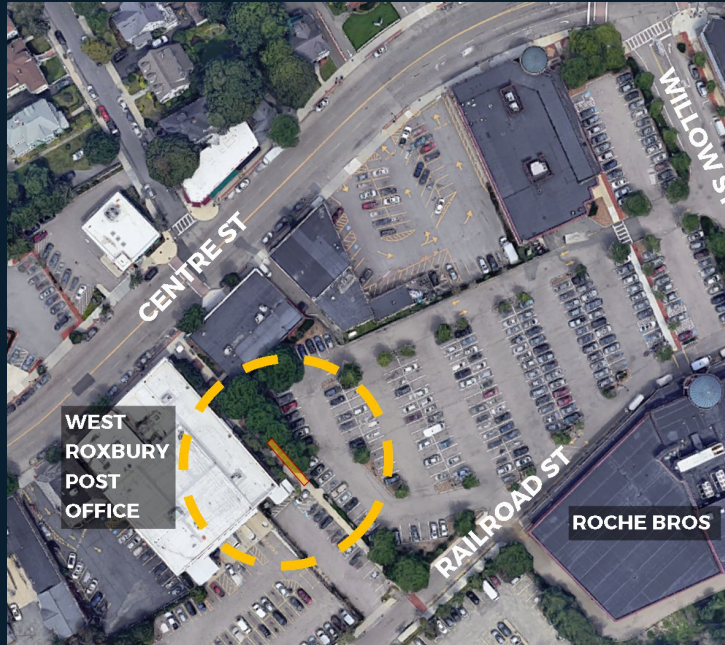
POTENTIAL SITES

- 21 Arboretum at Weld Research Bldg
- 22 Hyde Park Ave at Walk Hill St
- 23 Hyde Park Ave at Northbourne Rd
- 24 American Legion Highway at Canterbury St
- 25 Mt. Hope St at Hyde Park Ave
- 26 Cummins Highway at American Legion Highway
- 27 Washington St at Metropolitan Ave
- 28 Belgrade Ave at Anawan Ave
- 29 Centre st at Post Office
- 30 Centre St at Parkway YMCA
- 31 Spring St at Powell St

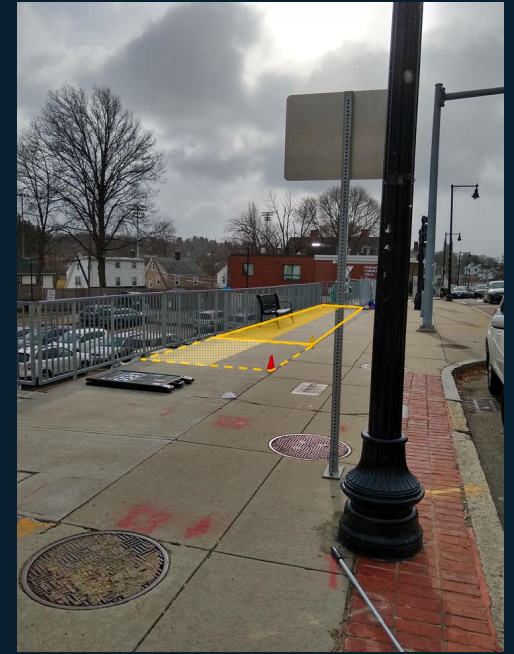
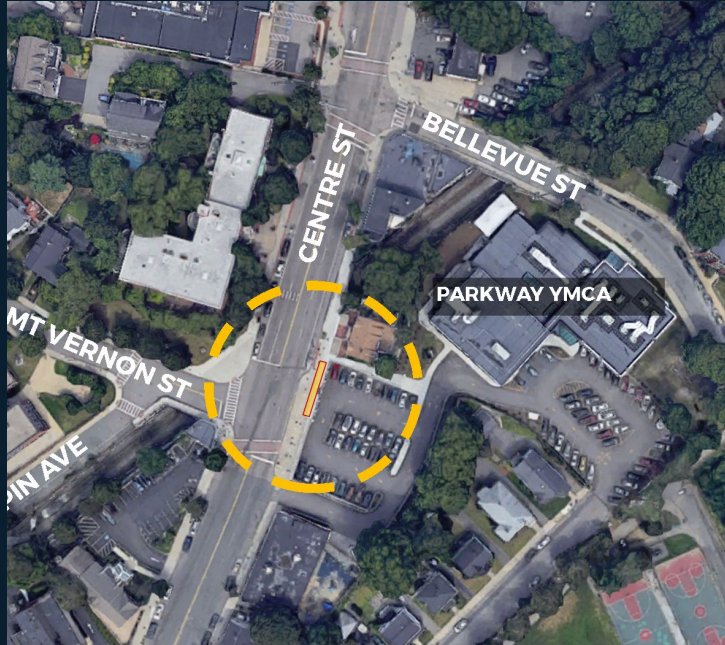
28. BELGRADE AVE AT ANAWAN AVE



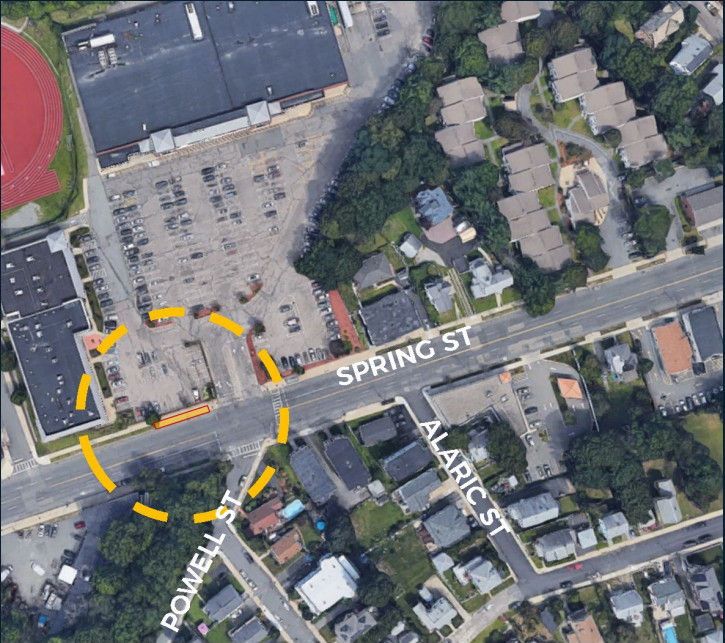
29. CENTRE ST AT POST OFFICE



30. CENTRE ST AT PARKWAY YMCA



31. SPRING ST AT POWELL ST



NEXT STEPS

- Feedback today
- Surveys
- Public meeting
 - June 13
 - 6:30–8pm
 - BCYF Roche
- Installation this summer



IDEAS? QUESTIONS? COMMENTS?

boston.gov/bike-share-expansion

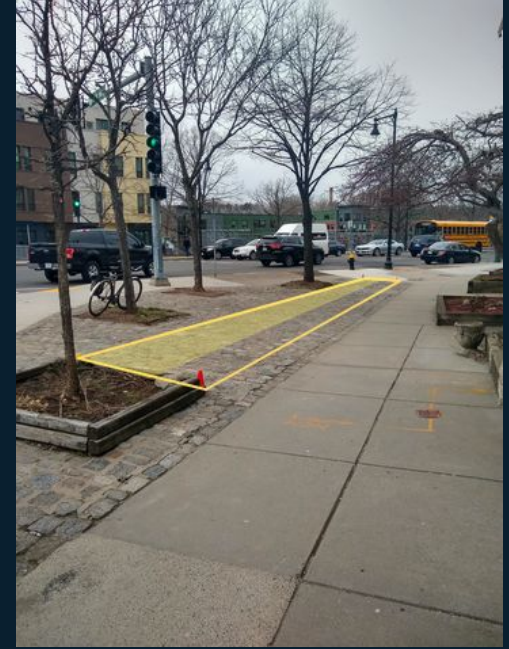
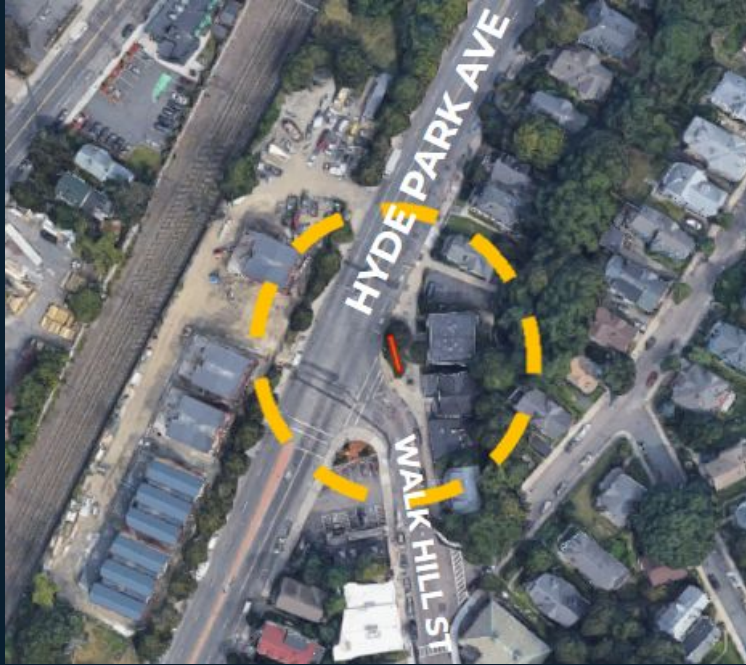
bikeshare@boston.gov



21. ARBORETUM AT WELD RESEARCH BUILDING



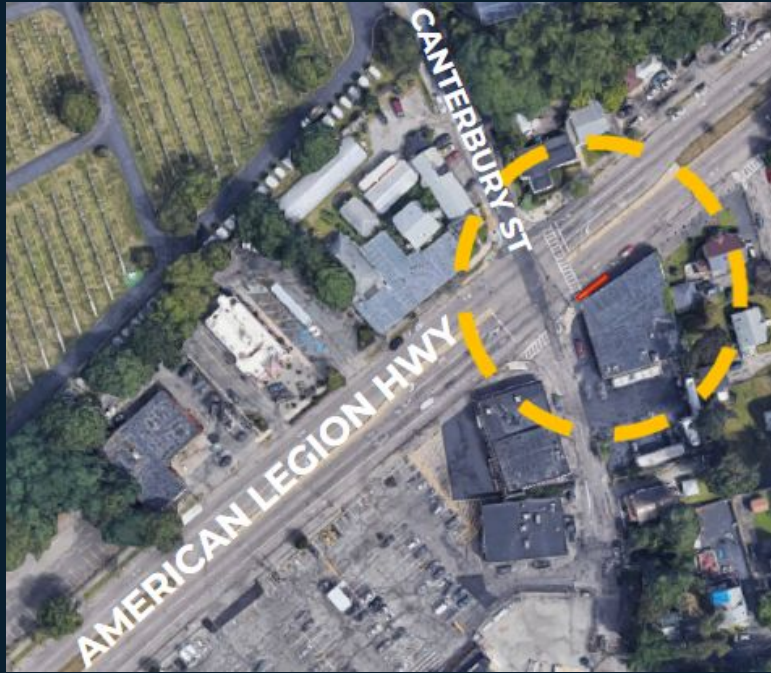
22. HYDE PARK AVE AT WALK HILL ST



23. HYDE PARK AVE AT NORTHBORNE RD



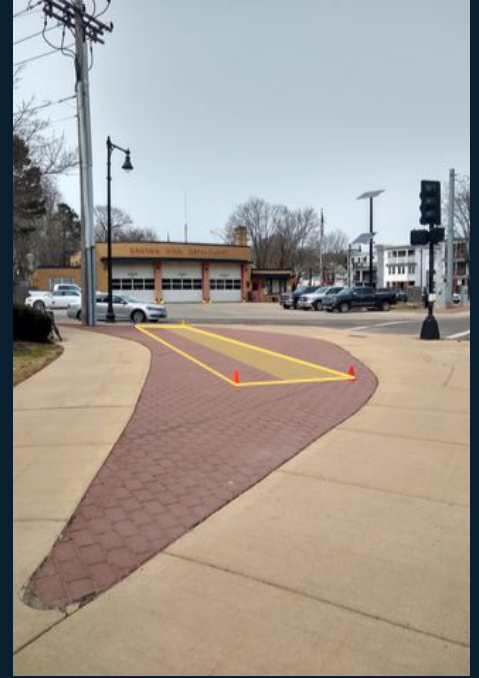
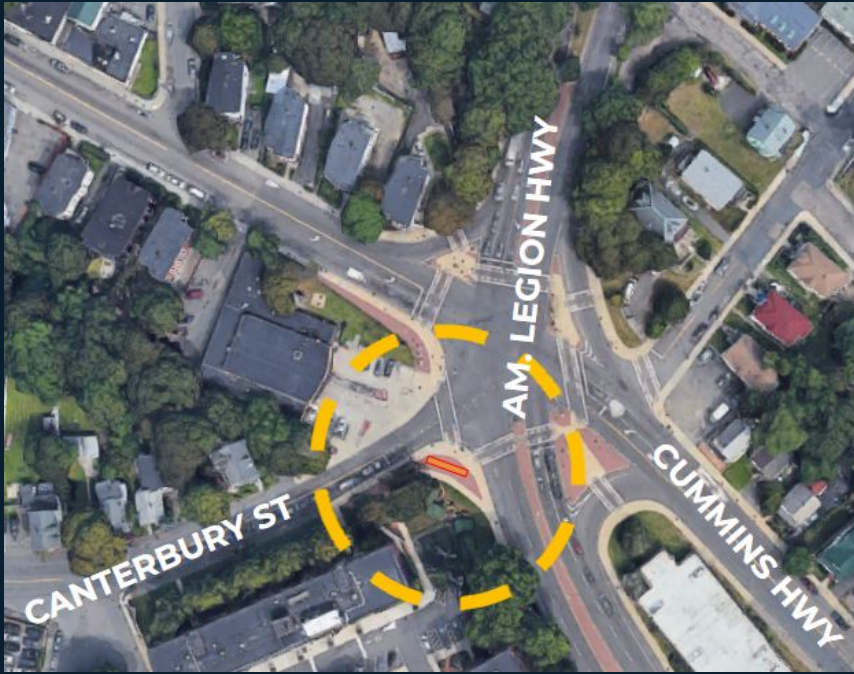
24. AMERICAN LEGION HWY AT CANTERBURY ST



25. MT HOPE ST AT HYDE PARK AVE



26. CUMMINS HWY AT AMERICAN LEGION HWY



27. WASHINGTON ST AT METROPOLITAN AVE

