

Improvements to State Street

Public Presentation

July 2020



Boston Public
Works Department



AGENDA

1. WELCOME
2. PROJECT BACKGROUND
3. EXISTING CONDITIONS
4. WHAT WE HAVE HEARD
5. PILOT PROJECT
6. PROJECT SCHEDULE
7. HOW TO PROVIDE INPUT

PROJECT TEAM



Boston Public Works Department
Ashley Biggins, Project Manager

Greenman-Pedersen, Inc.
Project Consultant Engineer



City of Boston
Transportation Department

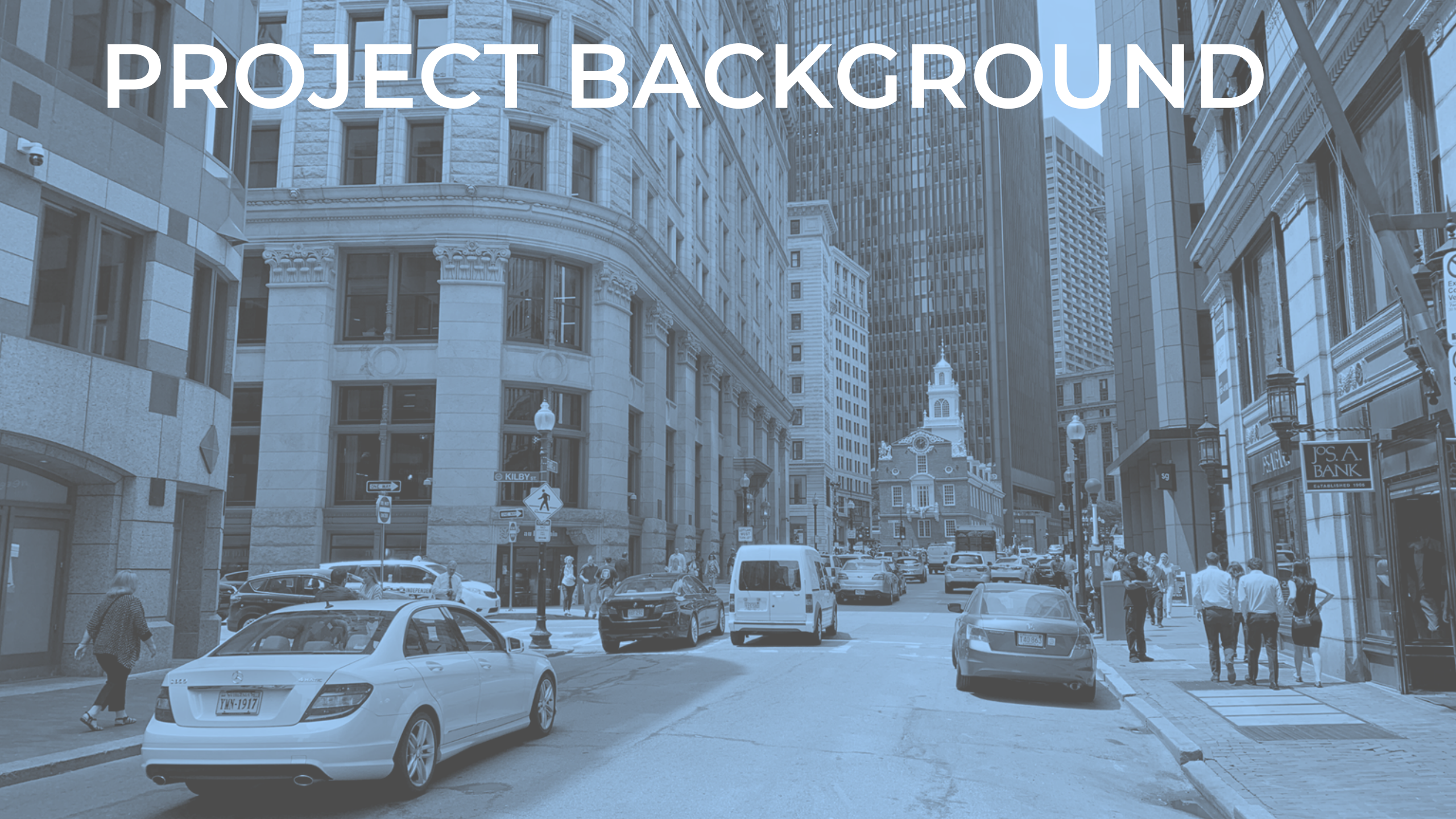


City of Boston
Planning & Development Agency



City of Boston
Neighborhood Services

PROJECT BACKGROUND



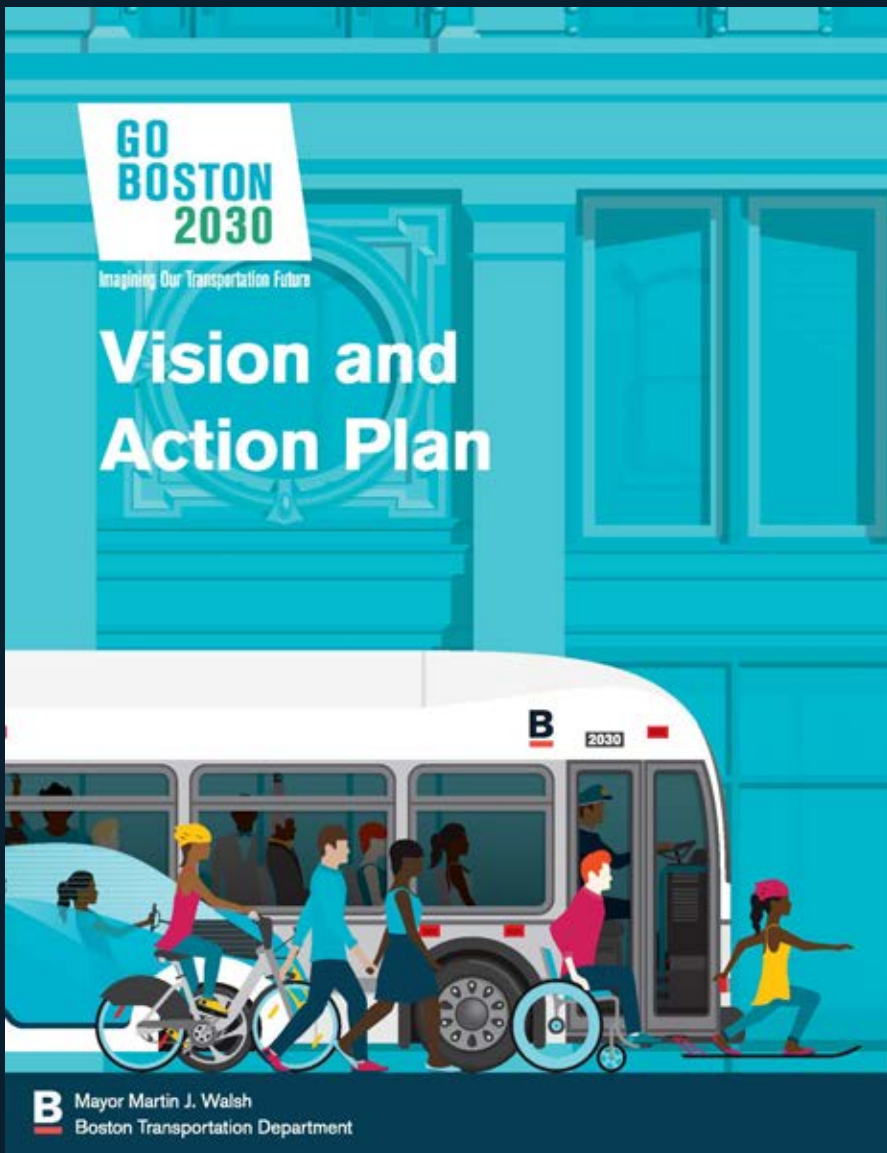
PROJECT CHARTER



State Street is one of Boston's oldest and most iconic streets. Its current configuration makes for a disjointed experience for pedestrians and motorists.

This project is an opportunity to apply a 'People First' approach to the design of State Street. The new design will provide a more balanced experience for all street users by offering safety, mobility, and overall functionality improvements for this corridor.

STATE STREET CONTEXT: Go Boston 2030



Sets goals, targets and an action plan for Boston's transportation system.

Aspirational targets address :

- **Improving Safety** - Eliminate fatalities and severe injuries
- **Expanding Access** - 10-minute walk to transit, bike/car share
- **Ensuring Reliability** - Reduce average commute by 10 percent
- **Reducing Car Use** - See below
- **Reducing Emissions** - Carbon neutral by 2050
- **Increasing Affordability** - Reduce transportation costs for low-income households

2030 Targets for Commute Mode Shift:

Mode	Today	2030 Aspirational Goal
Transit	34%	↑ by one-third
Walk	14%	↑ by one-half
Bike	2%	↑ by fourfold
Drive Alone	39%	↓ by half
Carpool	6%	↓ marginally
Telecommute	5%	↑ marginally

STATE STREET CONTEXT: Vision Zero



CITY OF BOSTON TRANSPORTATION DEPARTMENT
**VISION ZERO BOSTON
ACTION PLAN**

MAYOR MARTIN J. WALSH
FEBRUARY 2016



Provides an action plan to eliminate fatalities and serious injuries from traffic crashes.

"Human life takes priority over mobility and other objectives of the road system. The street system will be safe for all users, for all modes of transportation, in all communities, and for people of all ages and abilities."

STATE STREET CONTEXT: Design Guidelines

Boston Complete Streets

Design Guidelines
2013

Mayor Thomas M. Menino
City of Boston
Commissioner Thomas J. Tinlin
Boston Transportation Department



www.bostoncompletestreets.org

Provides citywide design principles and guidelines for streets that are:

- Multimodal
- Green
- Smart

"Streets are designed for pedestrians of all ages and abilities, bicyclists, transit users and motor vehicles. Multimodal designs ensure Boston's streets are safe and shared comfortably by all users...."

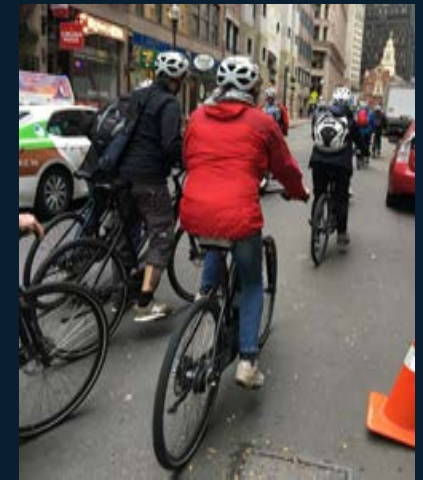
STATE STREET CONTEXT: Connect Historic Boston



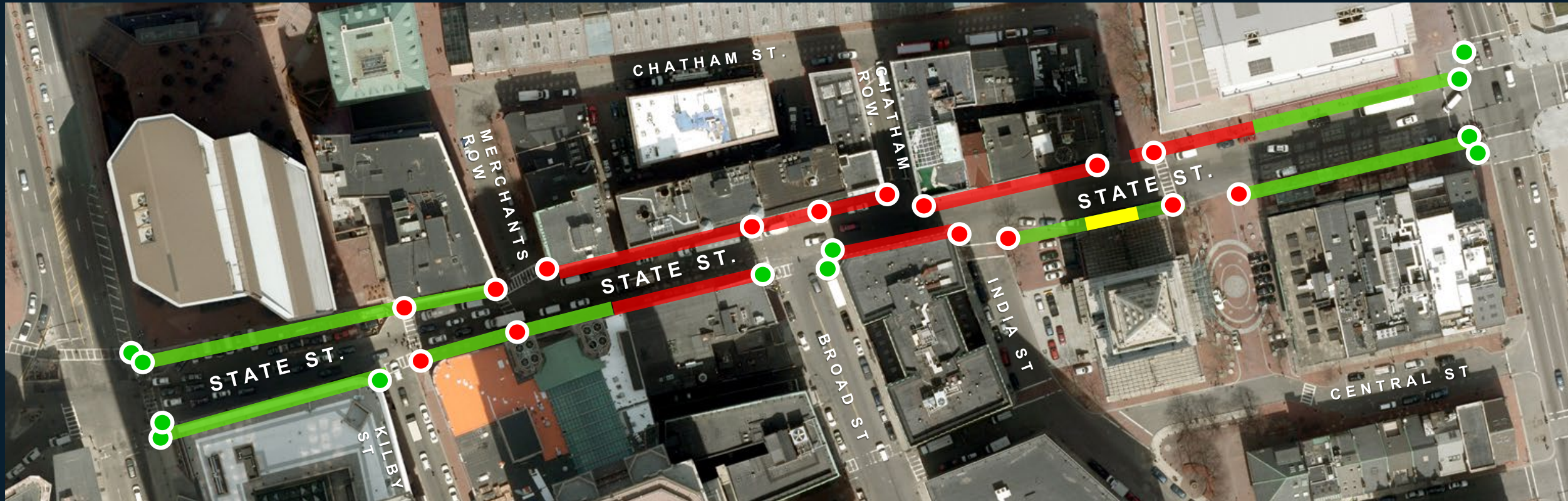
EXISTING CONDITIONS



EXISTING CONDITIONS



EXISTING CONDITIONS: Sidewalk Condition



- Sidewalk Width Compliant, Cross Slope Compliant
- Sidewalk Width Not Compliant, Cross Slope Compliant
- Sidewalk Width Compliant, Cross Slope Not Compliant
- Wheelchair Ramp Non-ADA Compliant
- Wheelchair Ramp ADA Compliant

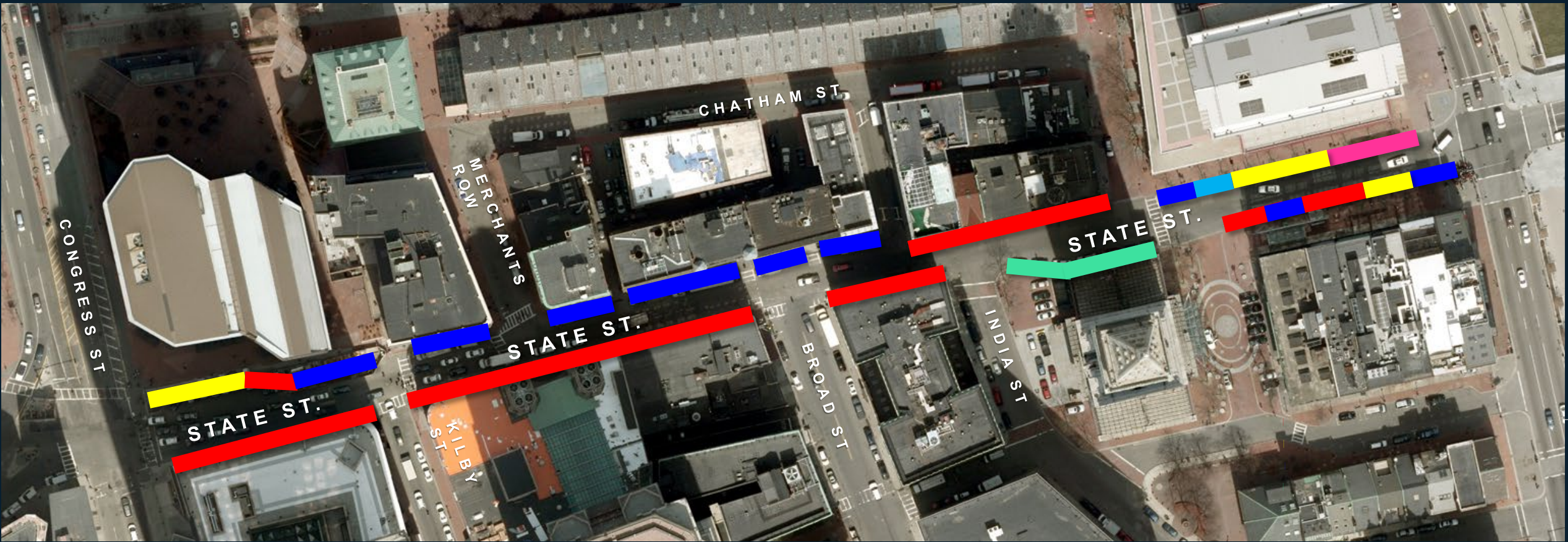
EXISTING CONDITIONS: Injury Crashes – 5 Years



78% of injury crashes on
State Street involve bikes
and pedestrians

State Street is on Boston's
Vision Zero High Crash
Network for Bicycles

EXISTING CONDITIONS: Curb Regulations

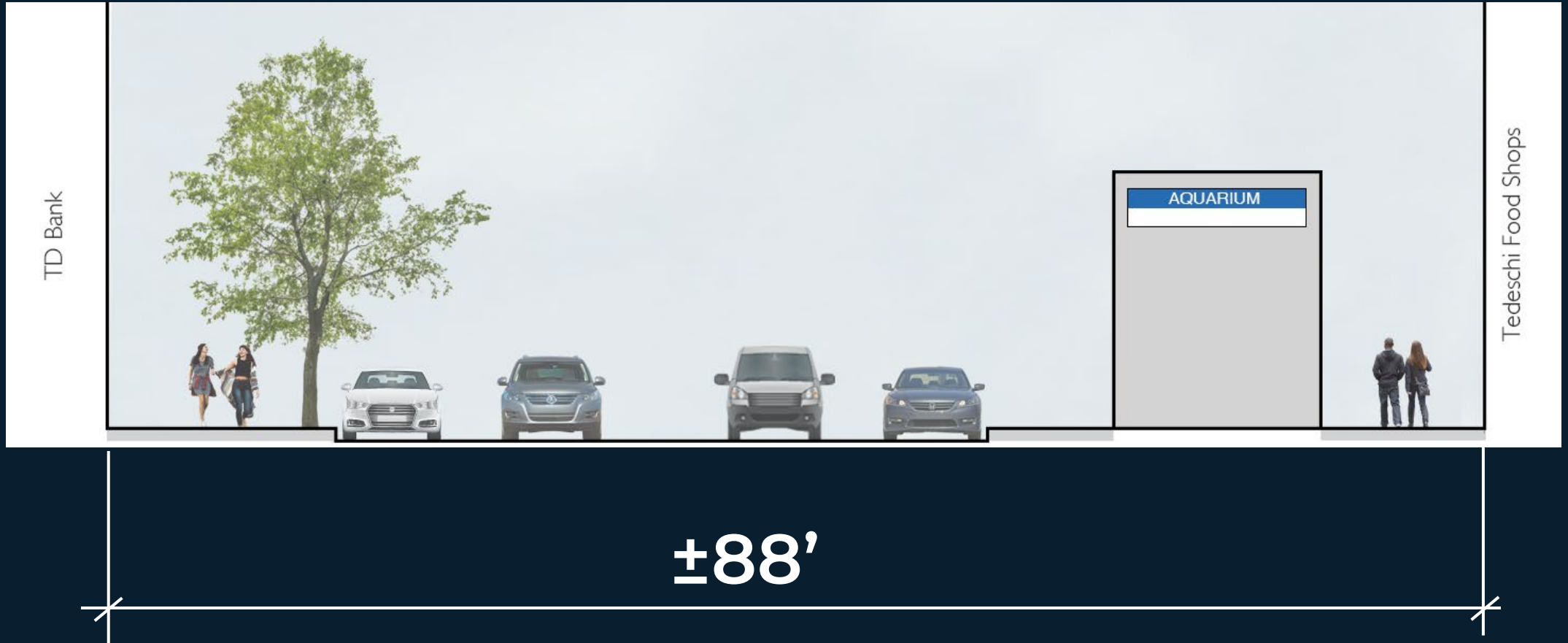


LEGEND

	No Stopping	
	Cab Stand/Valet	10 Spaces
	Commercial Vehicles	18 Spaces
	Private	8 Spaces
	Trolley Stop	4 Spaces
	Handicap	2 Spaces
	TOTAL	42 Spaces

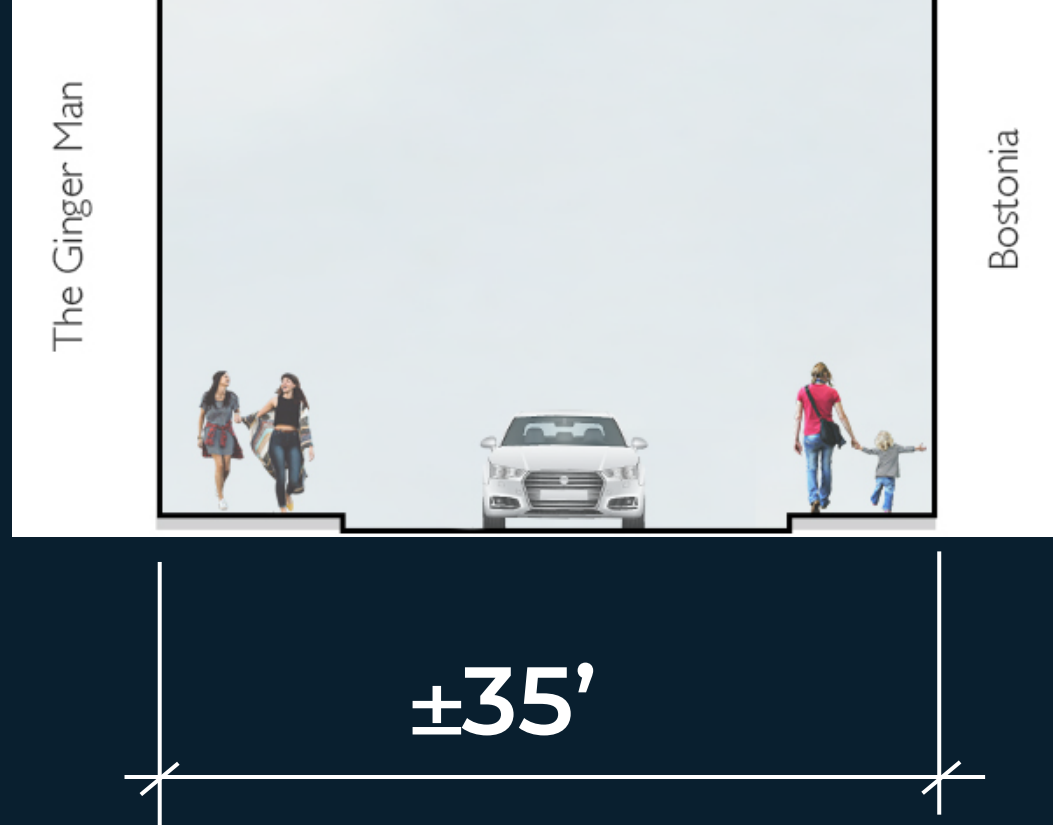
1 space = 20-feet

EXISTING CONDITIONS: Section Variation



State Street @ Surface Road:
Approximately 88-Feet Building Face to Building Face

EXISTING CONDITIONS: Section Variation



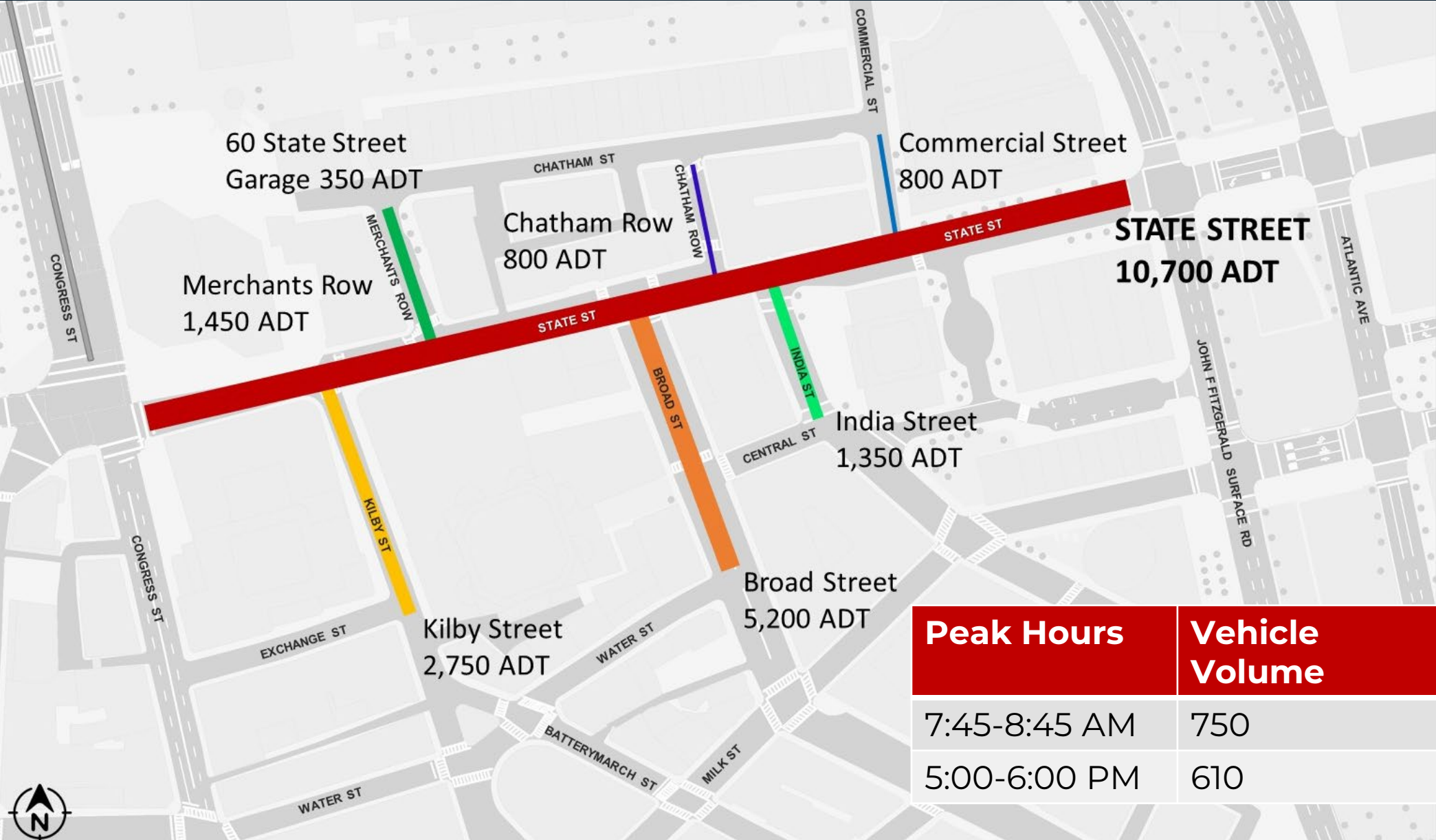
State Street @ Pinch Point:
Approximately 35' Building Face to Building Face

EXISTING CONDITIONS: Section Variation



State Street @ Congress Street:
Approximately 95' Building Face to Building Face

EXISTING CONDITIONS: Vehicle Volumes



EXISTING CONDITIONS: Vehicle Volumes

Putting State Street Traffic Volumes in Perspective



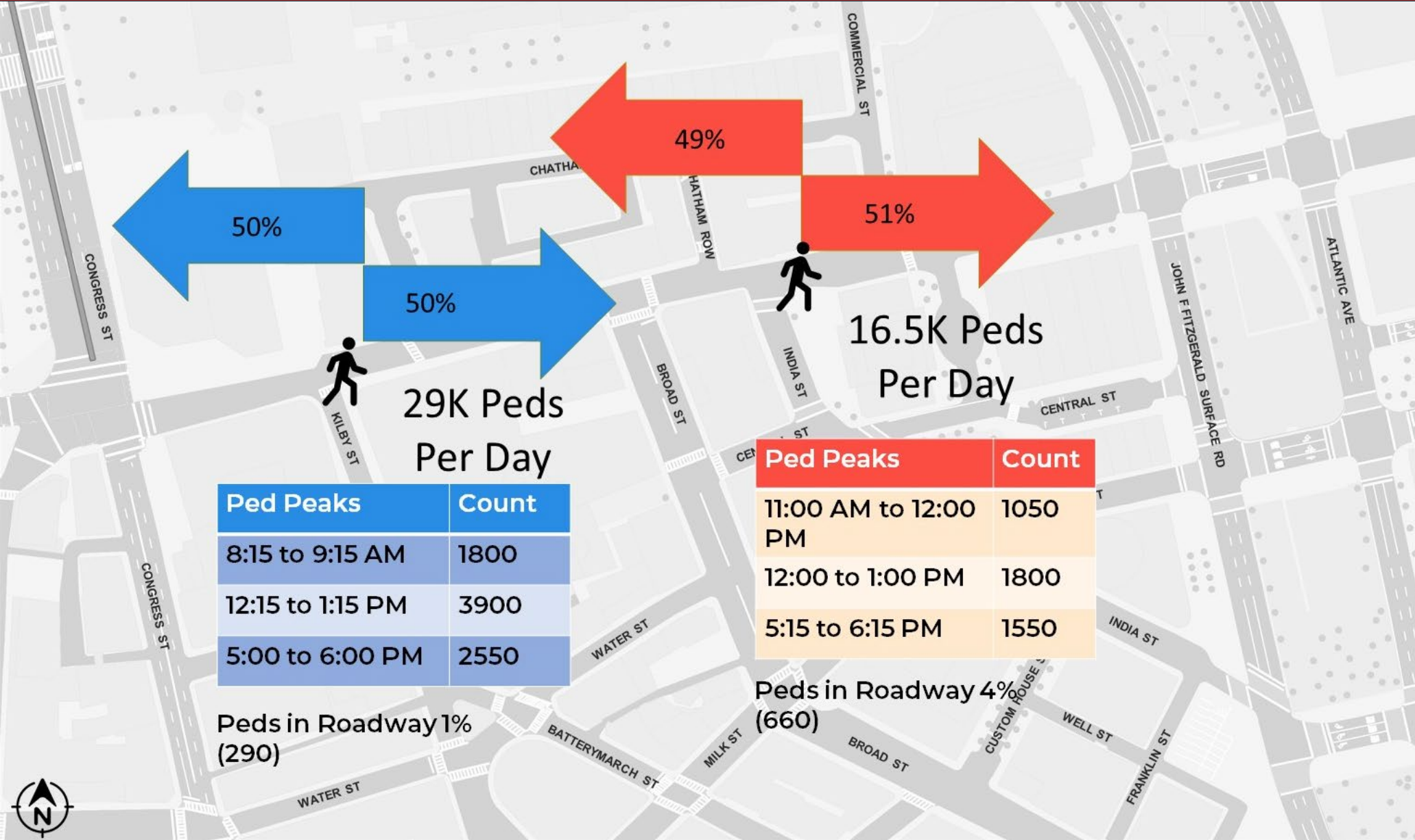
Kilby Street 5,210 ADT*
State Street 10,690 ADT*
Congress Street 28,400 ADT*
(SB @ Milk St.)

750 Vehicles Per Hour = 12.5 vehicles per minute

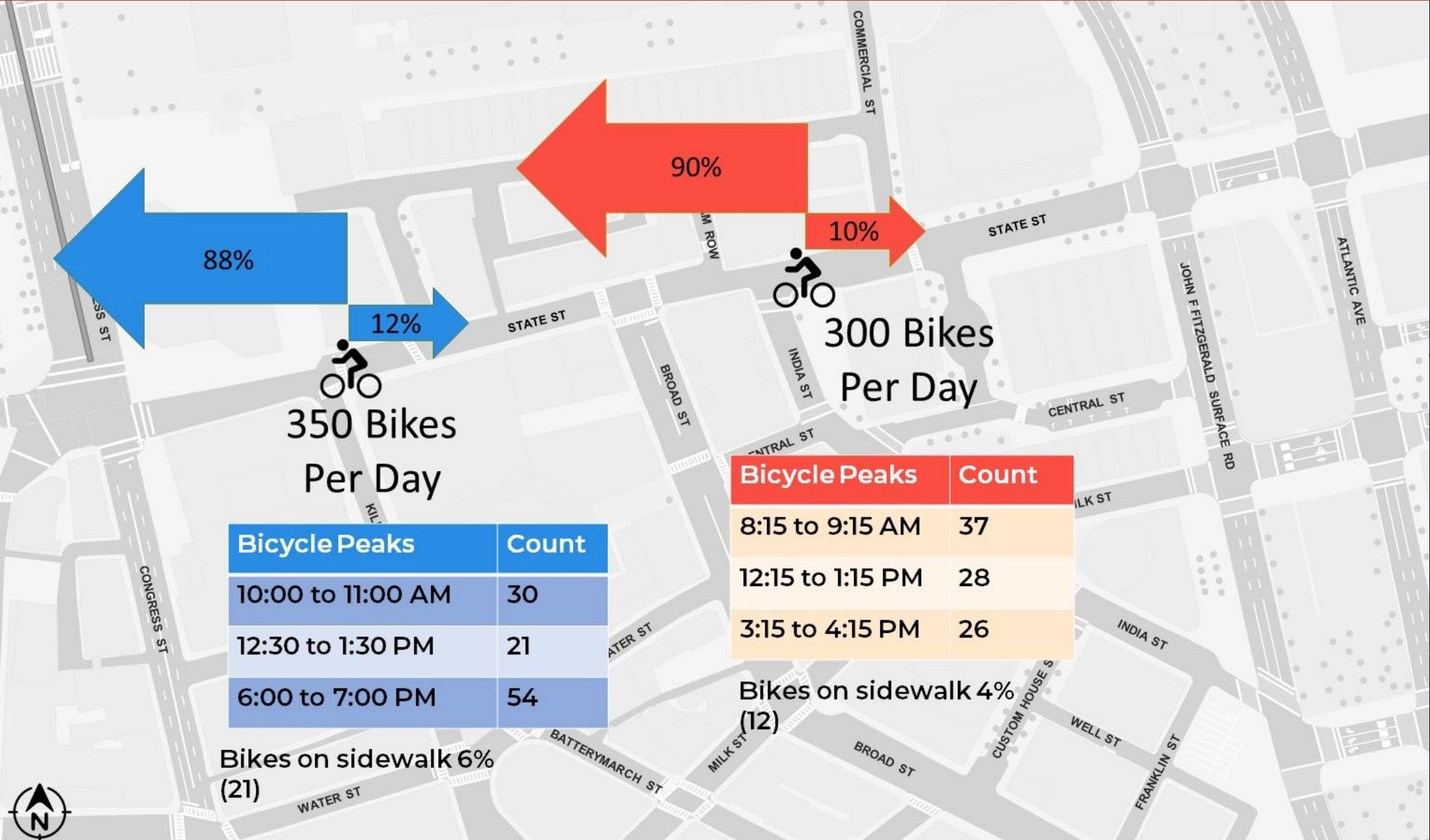
Peak Hours	Vehicle Volume
7:45-8:45 AM	750
5:00-6:00 PM	610

* ADT = Average Daily Traffic

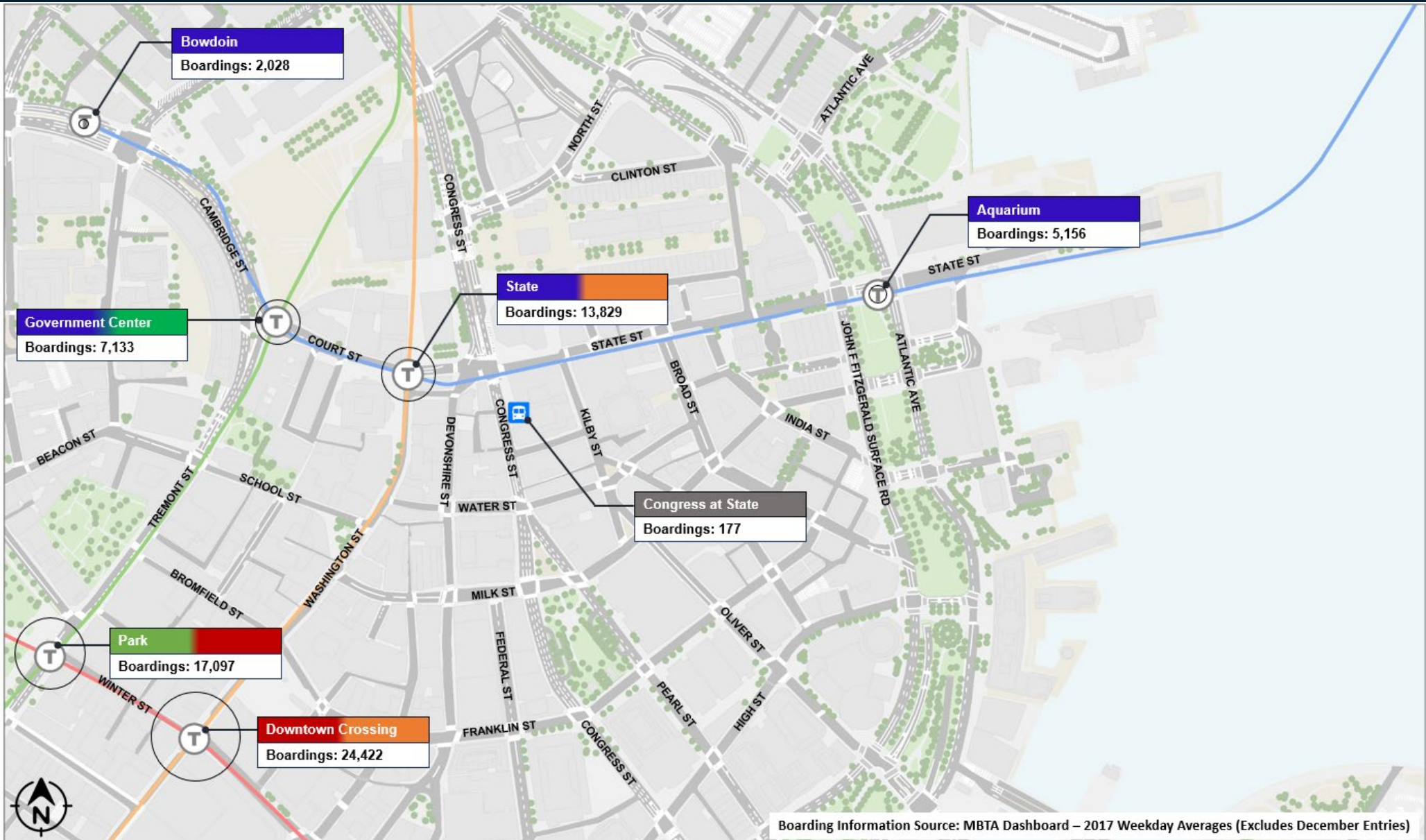
EXISTING CONDITIONS: Pedestrian Volumes



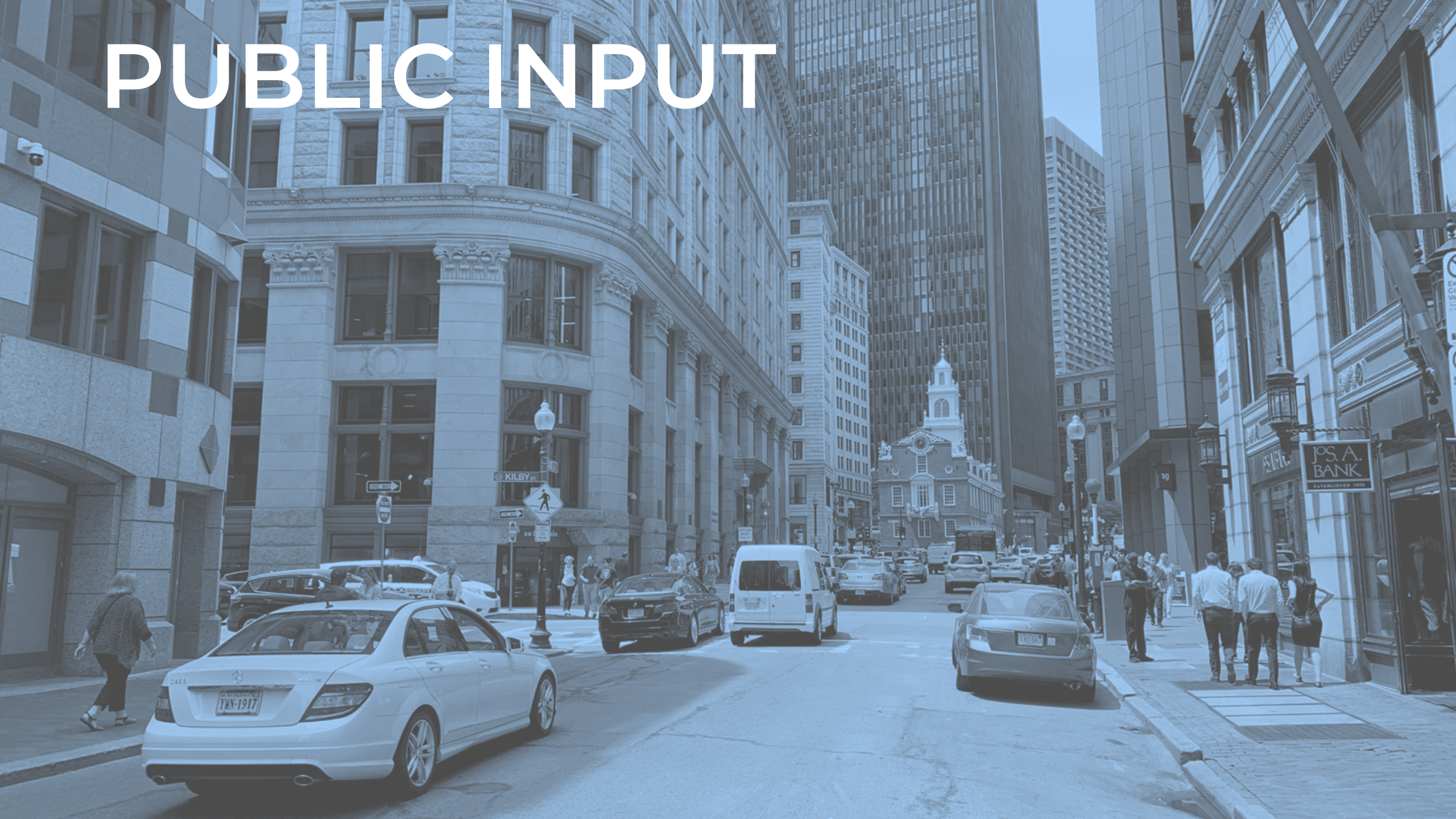
EXISTING CONDITIONS: Bicyclist Volumes



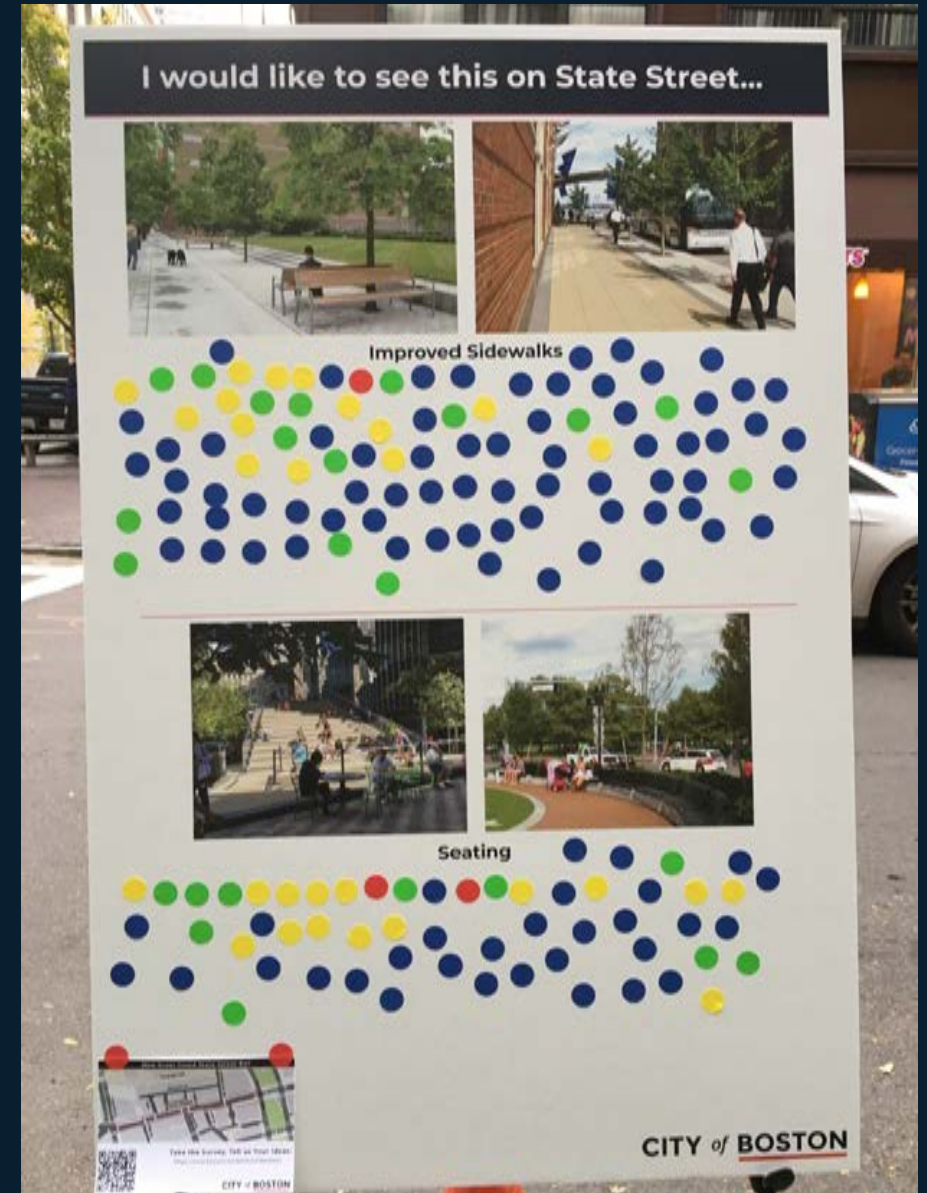
EXISTING CONDITIONS: Weekday MBTA Boardings



PUBLIC INPUT

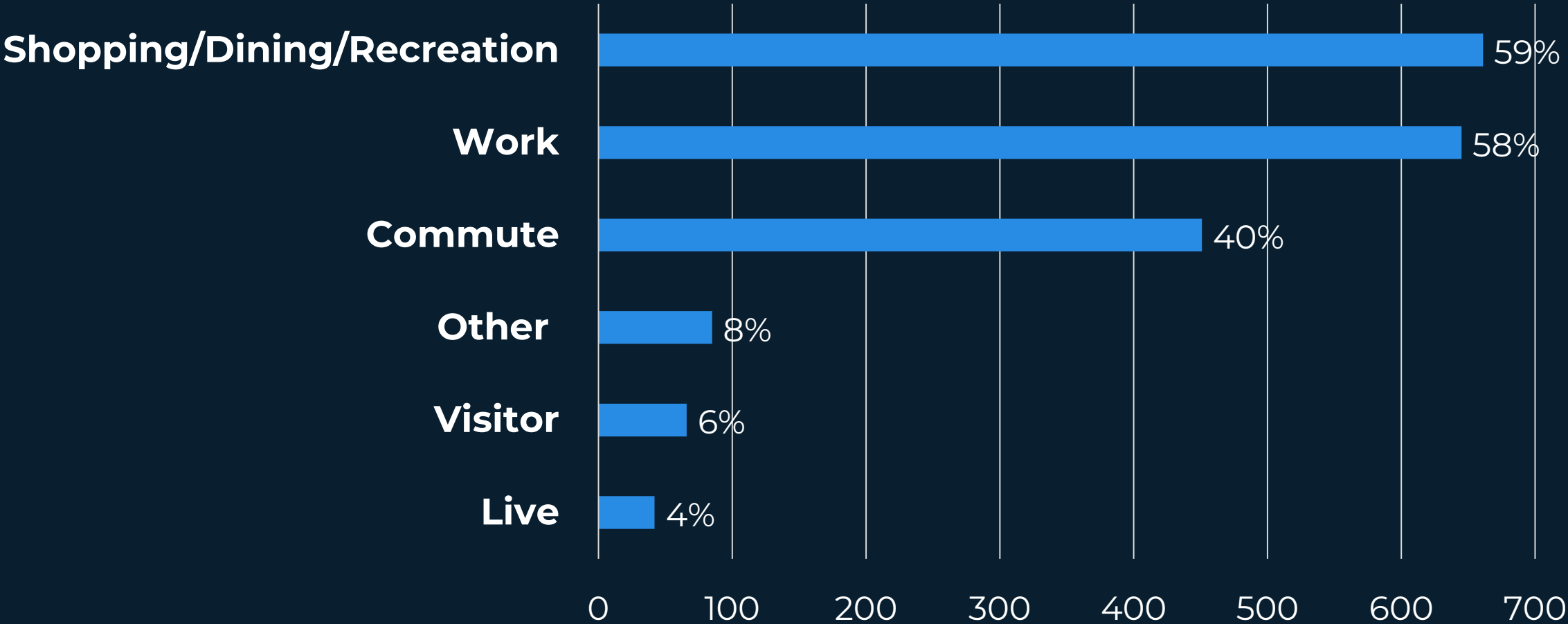


WHAT WE HAVE HEARD: October 2019 Pop-Up



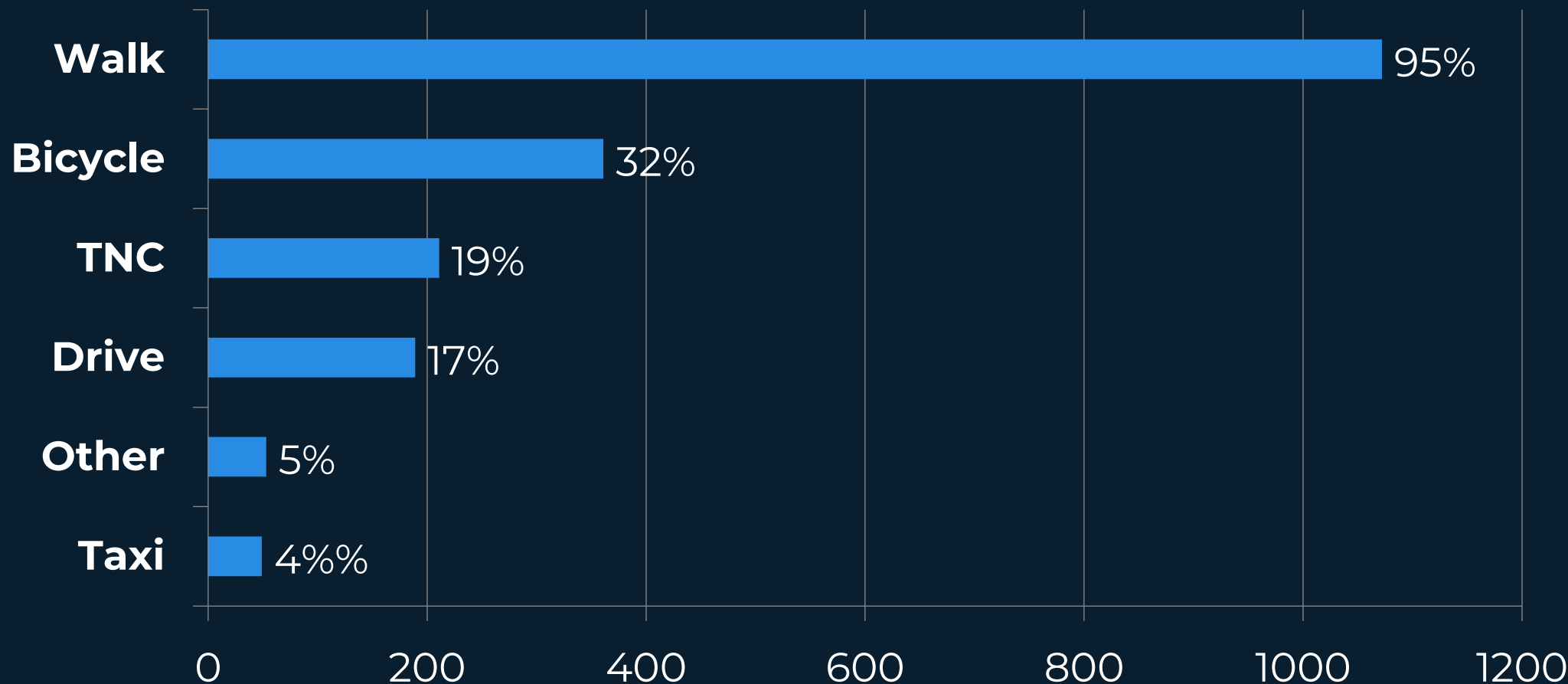
WHAT WE HAVE HEARD: October 2019 Pop-Up

My Interest in State Street (check all that apply)?



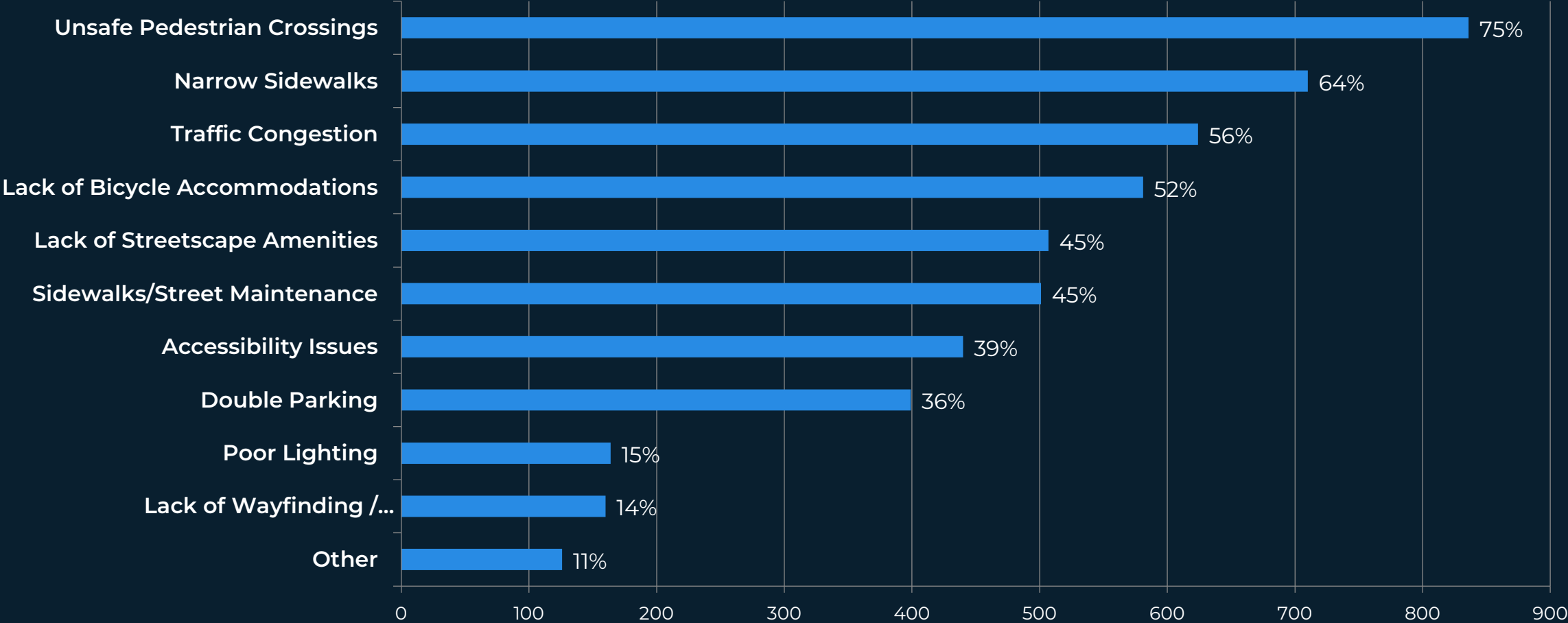
WHAT WE HAVE HEARD: Online Survey

How do you travel along State Street
(check all that apply)?



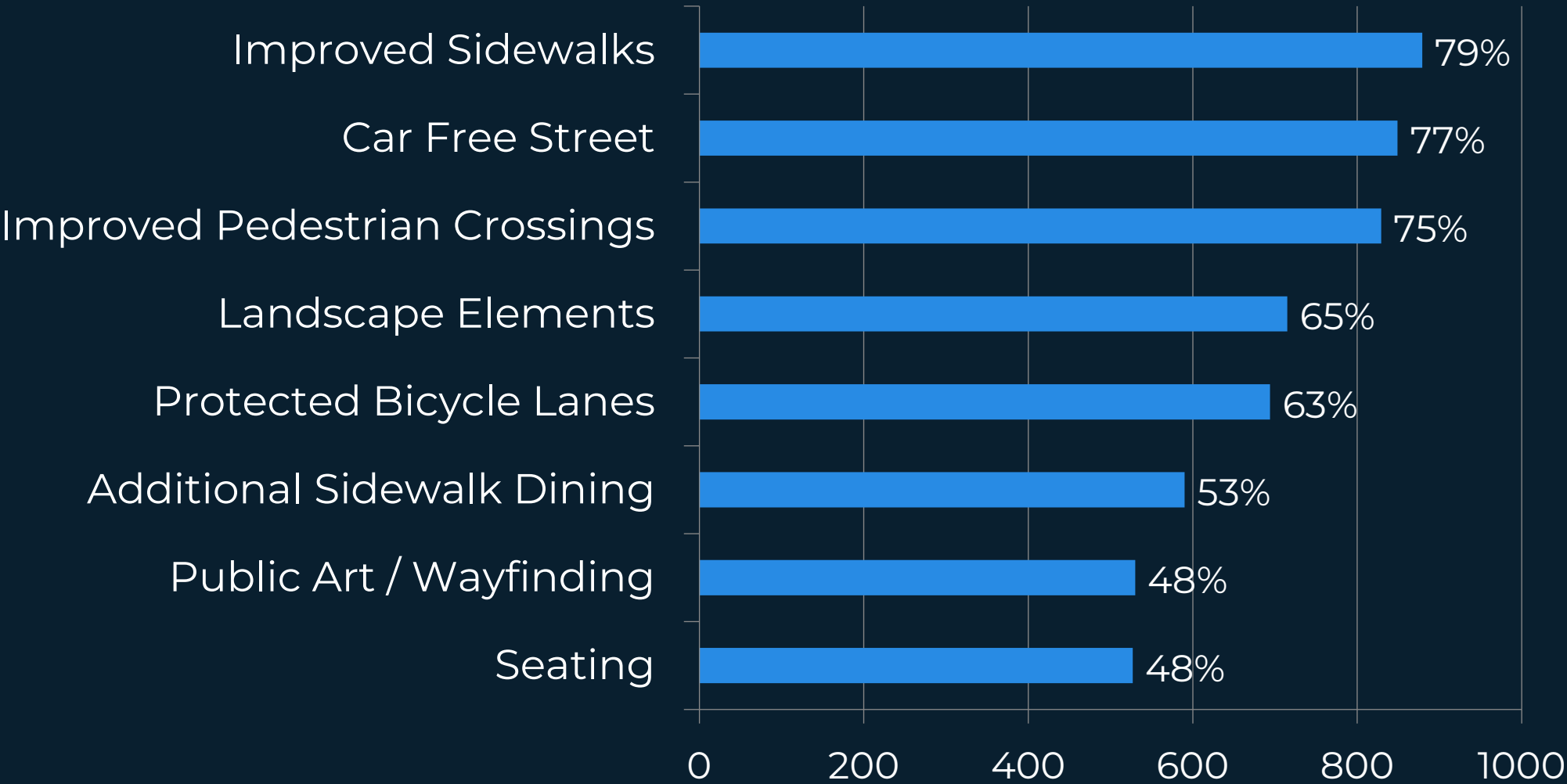
WHAT WE HAVE HEARD: Online Survey

What is Most Concerning to you about State Street?



WHAT WE HAVE HEARD: Online Survey

I Would Like to See This On State Street:



WHAT WE HAVE HEARD: Summary of Specific Concerns



- State and Surface Road:**
- Wait is too long for pedestrians
 - Right turning vehicles don't yield to pedestrians

State Street:

- No painted traffic lanes causes drivers to speed and causes confusion (1 lane vs 2 lanes)
- Bike lane or cycle track needed
- Electric skateboarders, scooters and bikes speed through the area



State and Congress:

- Red light running is a problem
- Taxis always double parked – causes safety issues
- Long wait for pedestrian crossing phase – causes peds to cross against the light
- Drivers don't yield to pedestrians – walk signal is not visible to drivers in some locations



PILOT PROJECT



BOSTON HEALTHY STREETS:

State Street is a part of Boston's 'Healthy Streets to Support COVID-19 Recovery' program.

Space will be set aside for socially distant walking and bicycling. These 'Quick Build' improvements will be implemented after the current utility upgrade project is completed.



BOSTON HEALTHY STREETS:



*We are reimagining State Street
to be safer and accessible for all users.*

*State Street está reimaginada para que sea
más segura y accesible a todos sus usuarios.*

Learn more or take our survey:
Para más información o para participar
en nuestra encuesta:

boston.gov/state-street

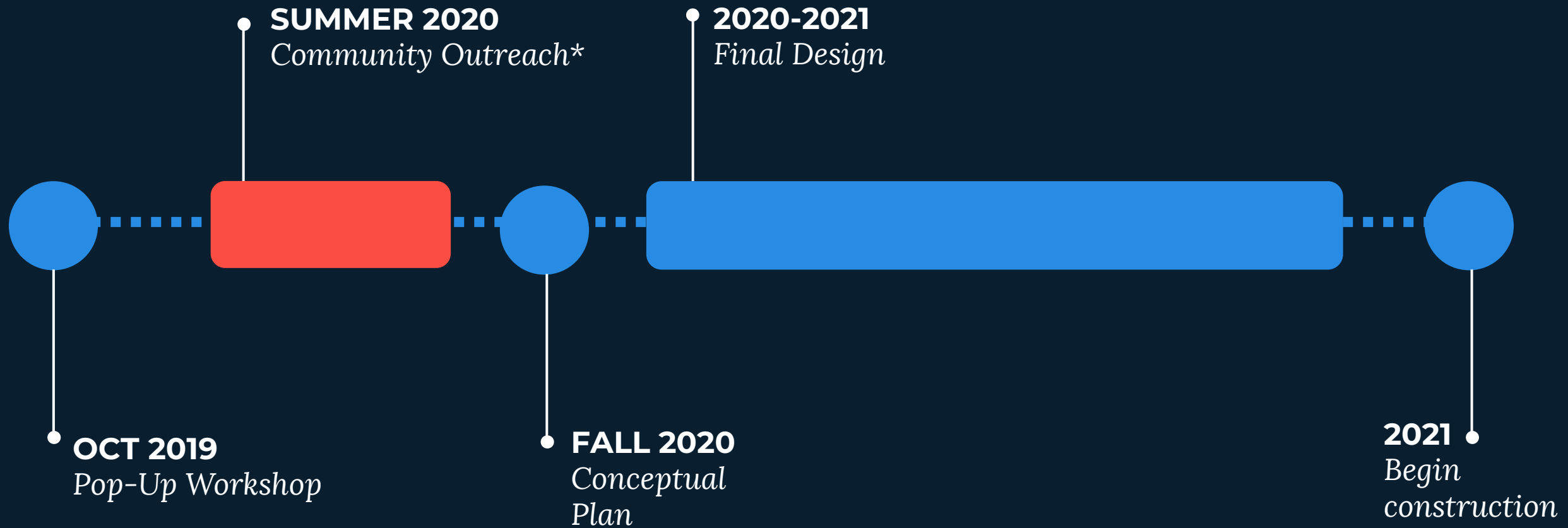
HEALTHY STREETS

boston.gov/healthy-streets

SCHEDULE



PROJECT SCHEDULE:



**Community outreach events will conform to social distancing guidelines.*

HOW TO PROVIDE INPUT:

Project Website:

<https://www.boston.gov/state-street>

- **Project Information and Updates**
- **Project Presentations**
- **General Online Survey**
- **Pilot Project Online Survey**

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