Agenda

Massachusetts Avenue – Sidney Street to Memorial Drive

• Welcome & Introductions

• Brief Recap of Project Background

• Design Toolbox

• Workshop Discussion: DRAFT in Design
PROJECT BACKGROUND

Mass. Ave. Reconstruction

Completed in 2008

Before

After
**Municipal Policies**

- **Vision Zero** calls for the elimination of fatalities and serious injuries resulting from traffic crashes, and emphasizes that they can, and should be prevented (2016).

- **Complete Streets** are designed and operated to enable safe access for all users – regardless of age, ability, or mode of transportation (2016).

- **Vehicle Trip Reduction Ordinance** established programs to encourage alternatives to single-occupancy vehicle travel (1992).

- **Cambridge Growth Policy** emphasizes sustainable modes of transportation such as walking, biking and using transit and low-emission vehicles, which promote livability and help to improve air quality and reduce greenhouse gas emissions (1993/2007).
PROJECT BACKGROUND

From Plans to Actions
Flexible Implementation

Based on Policies and Plans and direction of City leadership:

- Evaluate and implement “quick build” solutions to enhance the comfort and promote sustainable transportation for people walking, biking, driving and using transit
  
  ✓ Designs that are flexible after implementation

  ✓ Modifications possible based on evaluation (including feedback)
CORRIDOR INFORMATION

Project Limits

Lafayette Square to the Charles River
from Sidney Street to Memorial Drive
Existing Conditions

Mass. Ave. Cross-Section (at Amherst Street)

- 88' wide
- On-street bike lane
- On-street vehicle parking
- Mix of meters and other parking
- Bus stops
- Curb extensions at multiple locations
Project Goals

- Address safety issues and reduce crashes - Vision Zero
- Reduce transit delays
- Enable/encourage people of all ages and abilities to choose sustainable transportation
NEXT STEPS

Data Collection

 Motor Vehicle Parking Study
  • Inventory existing on-street parking
  • Conduct occupancy study
  • Conducted week of 4/30

✓ Bicycle & Pedestrian counts
  • Conducted week of 5/7

✓ Bus travel time/delay analysis

✓ Conduct traffic counts at key intersections
  • Conducted in April
NEXT STEPS

Data Collection

☑ Parking Inventory Study

LEGEND
- BUS STOP
- HANDICAP
- METERED
- LOADING/PICK UP & DROP OFF
- NO PARKING
- TAXI
- PERMITTED VENDOR
NEXT STEPS

Public Process

- Stakeholder Meeting April 12th
  - Plan Feedback
  - Written Feedback
- Wikimap online
- Community Meeting May 3rd
  - 35 +/- attendees
  - Presented project updates, timeline, designs
  - Hosted breakout groups with roll-out plans of the corridor
  - Written Feedback
  - Gathered feedback to incorporate into the design
Public Feedback

- Need for better operating conditions for bicyclists
- Need for additional crosswalks traversing Mass Ave
- Desire to improve transit operations
- Concerns about unpredictable ridesharing, tour bus, food truck, commercial loading & pick-up/drop-off activity
- Improvements needed at rail crossing
Design Considerations

- Bicyclist safety & comfort
- Pedestrian safety & comfort
- MBTA Bus stops
- MBTA Bus reliability
- Tour Bus pick-up/drop-off
- Accessible parking
- Loading & deliveries
- Street maintenance
- On-street parking
Project Toolbox

- **✓** Signage
- **✓** Pavement Markings
- **✓** Flexible Delineator Posts
Project Toolbox

- Turn Lanes
- Bus Queue Jump/Priority Lane
- Additional Crosswalks
- Signal Phasing and Timing
DESIGN OVERVIEW

Separated Bicycle Facilities

Northbound from Sidney Street to Douglass Street (shown: Lafayette Square)

Cambridge Street
How and where can we use elements of the toolbox to address issues?
Schedule

- Bicycle, pedestrian, traffic counts
  - April

- Parking study
  - Week of April 30

- Public Meeting #1
  - May 3

- Refine design
  - May - August

- Public Meeting #2/Open House
  - June

- Advisory Committee Meeting #1
  - April 11

- Advisory Committee Meetings #2-3
  - May, June/July

- Implementation
  - Late Summer 2018