



# MEET CAMBRIDGE

## Western Avenue

### PROJECT INFORMATION

The City of Cambridge, MA had a vision for the **Western Avenue Improvements Project** as an integration of surface and subsurface urban infrastructure to achieve **maximum environmental, transportation, and neighborhood benefits**, using an integrated design approach.

This **\$25 million project, completed in 2015**, has met the City's transportation and subsurface objectives, which included **reducing the impervious surfaces of this urban setting** by utilizing pervious pavement for a new raised bicycle track, installing rain gardens, enhancing tree beds along widened sidewalks, and constructing a new park. The project has also been **recognized by the cycling community**, gaining the top spot on PeopleForBikes.com "America's 10 Best New Bike Lanes of 2015."



### KEY PROJECT FEATURES

- Narrowed roadway, curb extensions at intersections to **reduce crosswalk distances**
- **Raised bike lane and crosswalks** at minor side streets
- **Grade separated continuous bike lane**
- **Minimal** loss of parking
- **Expanded planting areas** with bio-filtration planters, 100 new trees
- **Bicycle signals** at major intersections
- Expanded + upgraded **parks and plazas**
- **Community-driven artistic installations**
- Significant **bus stop enhancements**, separated from bike lane, with benches and shelters

### AT A GLANCE: Western Avenue Improvements Project

- 6 LARGER PUBLIC MEETINGS, STAKEHOLDER GROUPS, STREET TEAMS, WALKING TOURS, + SPECIALIZED TEAMS
- \$25 MILLION SURFACE AND SUBSURFACE BUDGET
- MAJOR SEWER SEPARATION PROJECT WITH FULL DEPTH RECONSTRUCTION
- 5 CONCEPTS DEVELOPED
- 3 YEARS TO IMPLEMENT



CAMBRIDGE MA  
Bicycle Network Vision

Legend:

- off-street path
- separated bike facility
- lower volume and/or speed
- existing facility not in priority bicycle network



BEFORE



AFTER



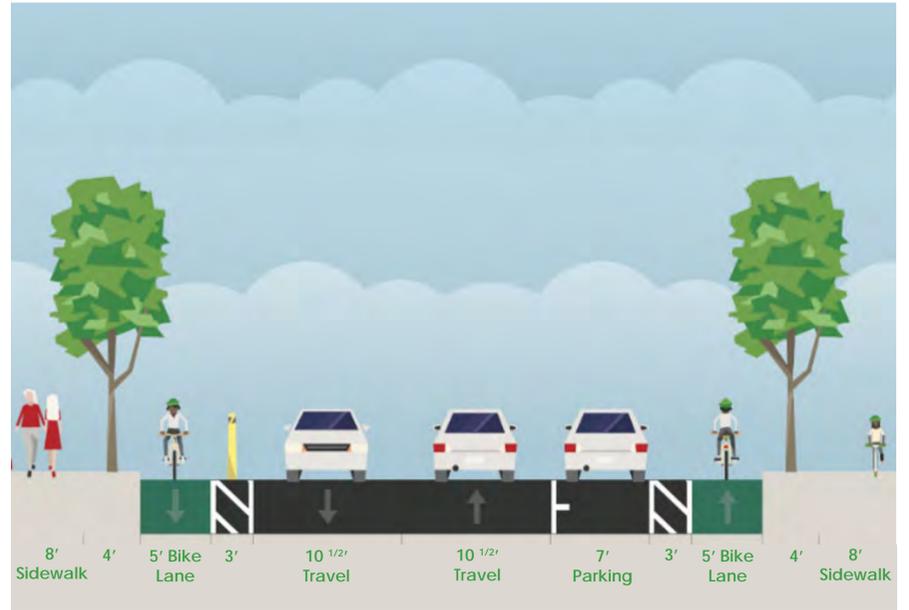
# MEET CAMBRIDGE

## Cambridge Street

### PROJECT INFORMATION

Cambridge Street, from Inman Square to Quincy Street, is a **busy transportation corridor with a wide variety of uses**, ranging from schools and hospitals to small retail shops and residential buildings. Previously, this corridor was without **marked bicycle facilities**, and a higher than average rate of bicycle crashes compared to other streets in the city.

In Spring 2016, City Council adopted a Vision Zero commitment to **eliminate traffic fatalities and serious injuries**. Aligned with this commitment, the City has undertaken a demonstration project, completed Summer 2017, to **create separated bicycle facilities**, with the goal of improved safety of all users, providing a **more attractive corridor for people to bicycle** while also reducing motor vehicle speeds.

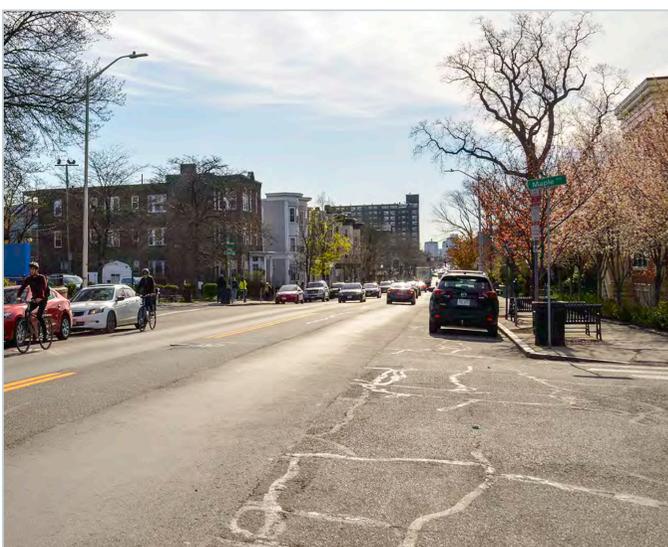
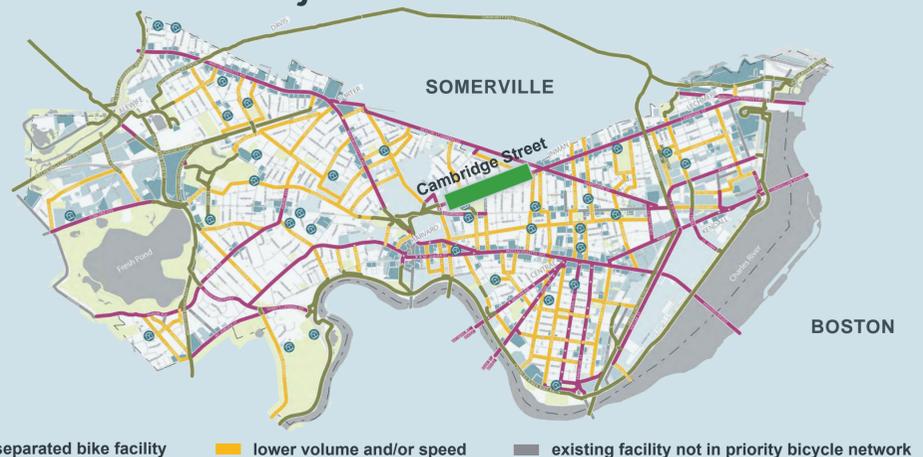


### PROJECT FEATURES

- Implemented **one-way separated bicycle lanes** on each side of the roadway
- **Narrowed** travel and parking lanes
- **Maintained curb to curb width**
- **Removed** approximately 60% of on-street parking and review of curb uses and side street parking
- Use of **existing pavement**
- Installation of **new signage, permanent lane striping, and flexible delineator posts**
- Introduced **shared bus stops**, using pavement markings and signs to delineate shared space

### AT A GLANCE: Cambridge Street Bicycle Safety Demonstration Project

- APPROXIMATELY \$150,000 TO DESIGN AND IMPLEMENT
- 2 PUBLIC MEETINGS, STAKEHOLDER GROUP, + SOME TARGETED MEETINGS
- 1 WEEK TO IMPLEMENT
- 2 CONCEPTS DEVELOPED
- EXISTING ROADWAY USED



BEFORE



AFTER