RIVER STREET RECONSTRUCTION





Project Overview

Much of River Street's infrastructure is old, deteriorating, and needs to be repaired, upgraded, or replaced. The River Street Reconstruction project is an opportunity to replace that aging infrastructure and also redesign the street to be more comfortable to walk and bike along, more reliable for buses, and better for our local businesses and residents.

You can engage and comment online at cambridgema.gov/riverstreet, at meetings, or when you see the River Street Reconstruction "R" logo at an event nearby or at an outdoor engagement day in Carl Barron Plaza.

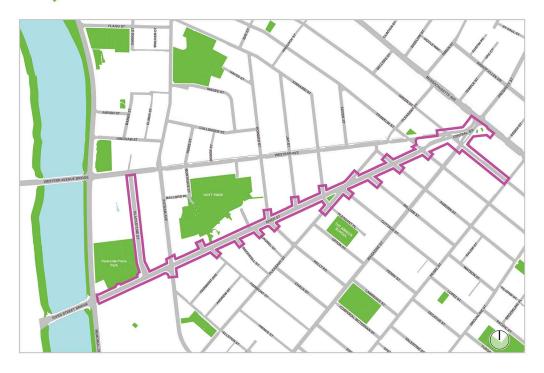
Make a comment and make a difference!

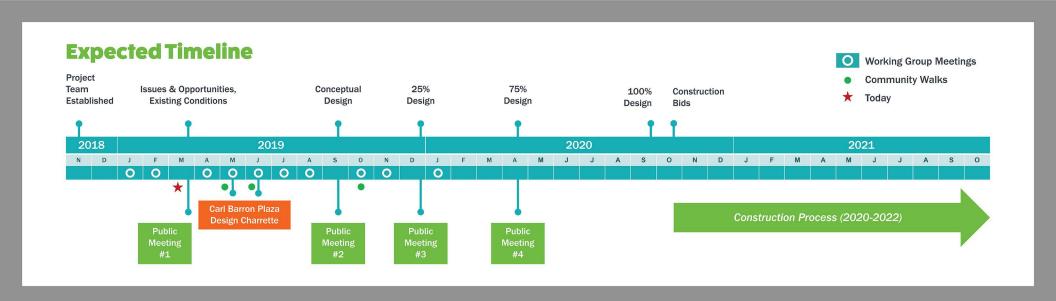
The Working Group

Patrick Barrett
Dan Beaulieu
Seanna Berry
Sai Boddupali
Valerie Bonds
Matthew Ciborowski

Gabriel Cira Abby Duker Samuel Gebru Melissa Greene Kai Long Neil Rodriguez Randy Stern Andrew Tarsy Christopher Tassone Annie Tuan Olivia Turner

Project Limits





RIVER STREET HISTORY



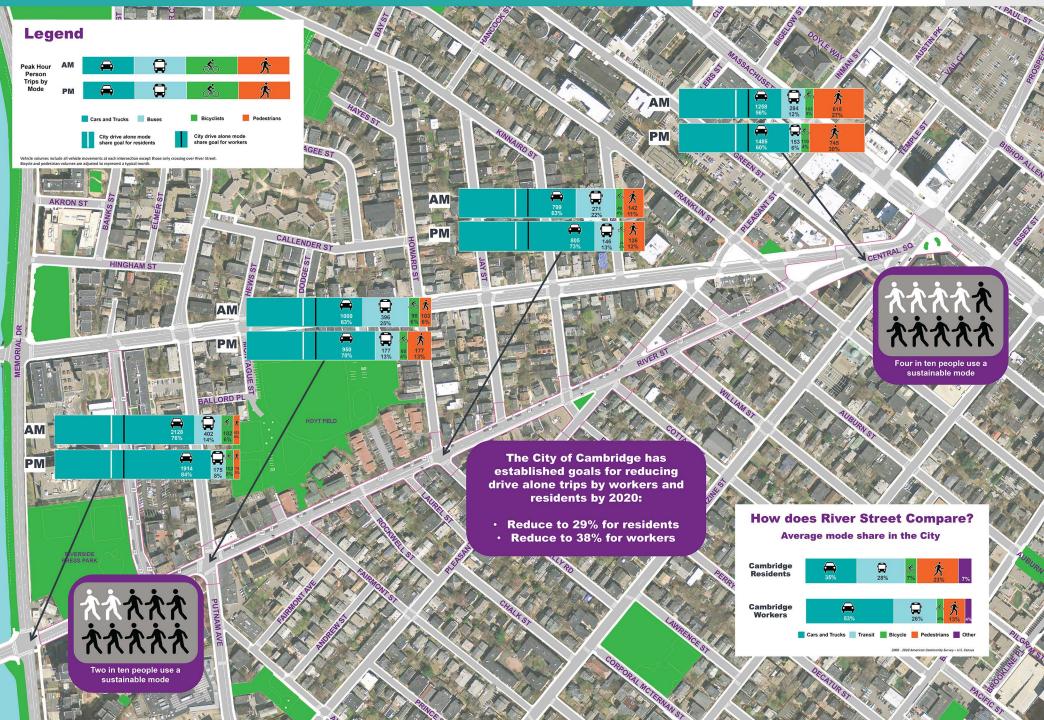




HOW PEOPLE USE RIVER STREET TODAY



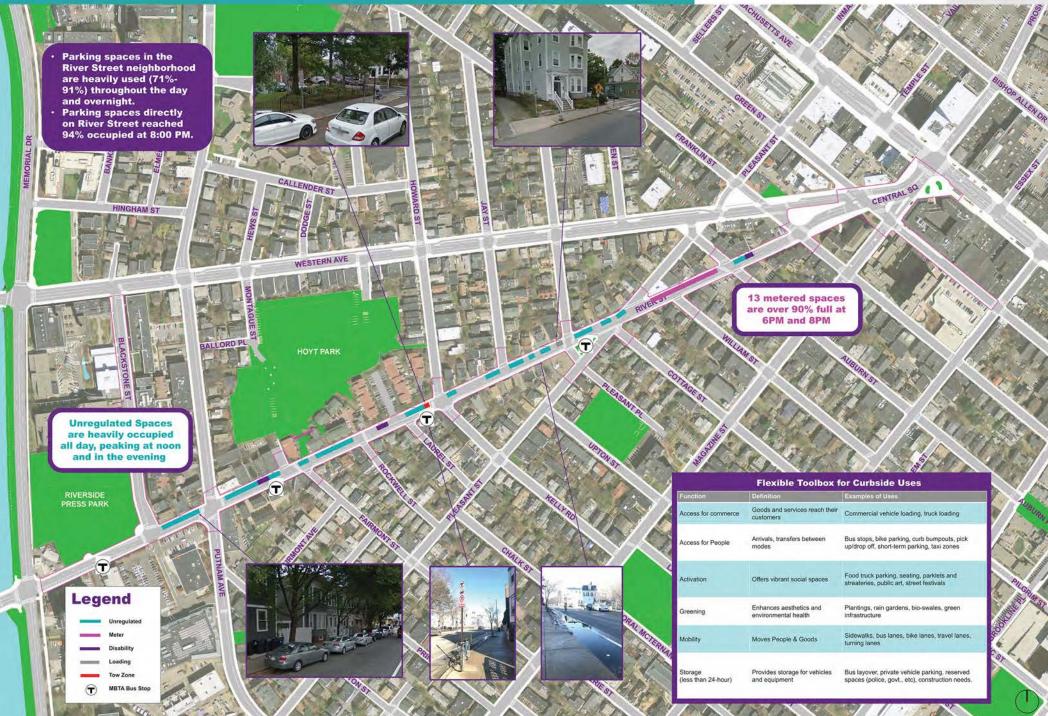




CURBSIDE USE



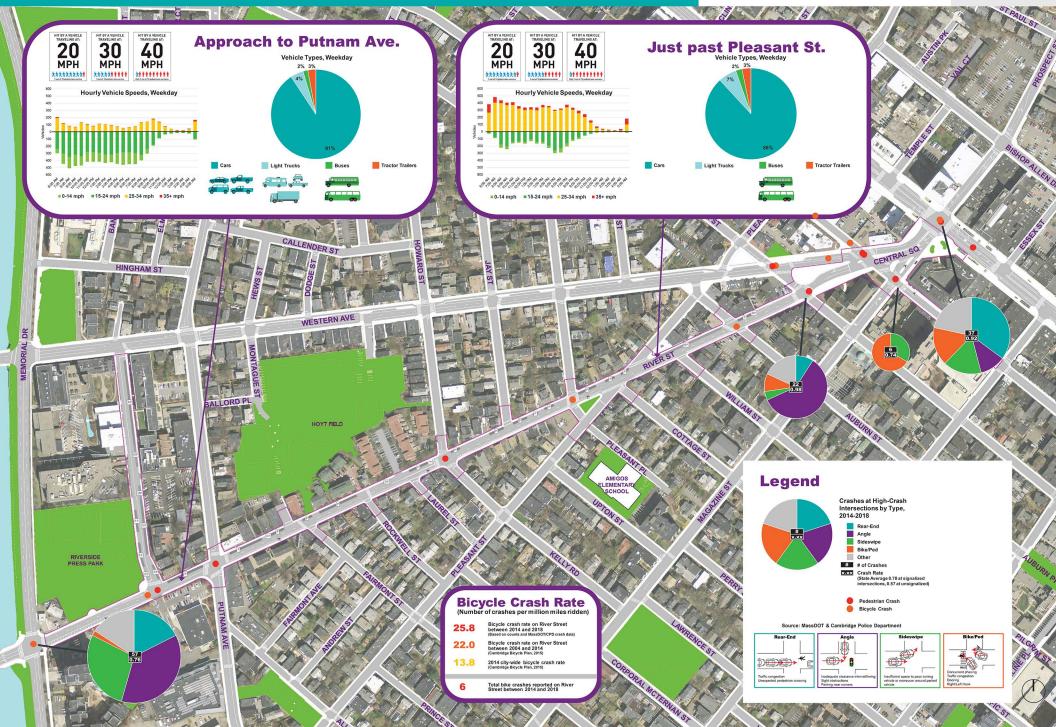




MULTIMODAL SAFETY



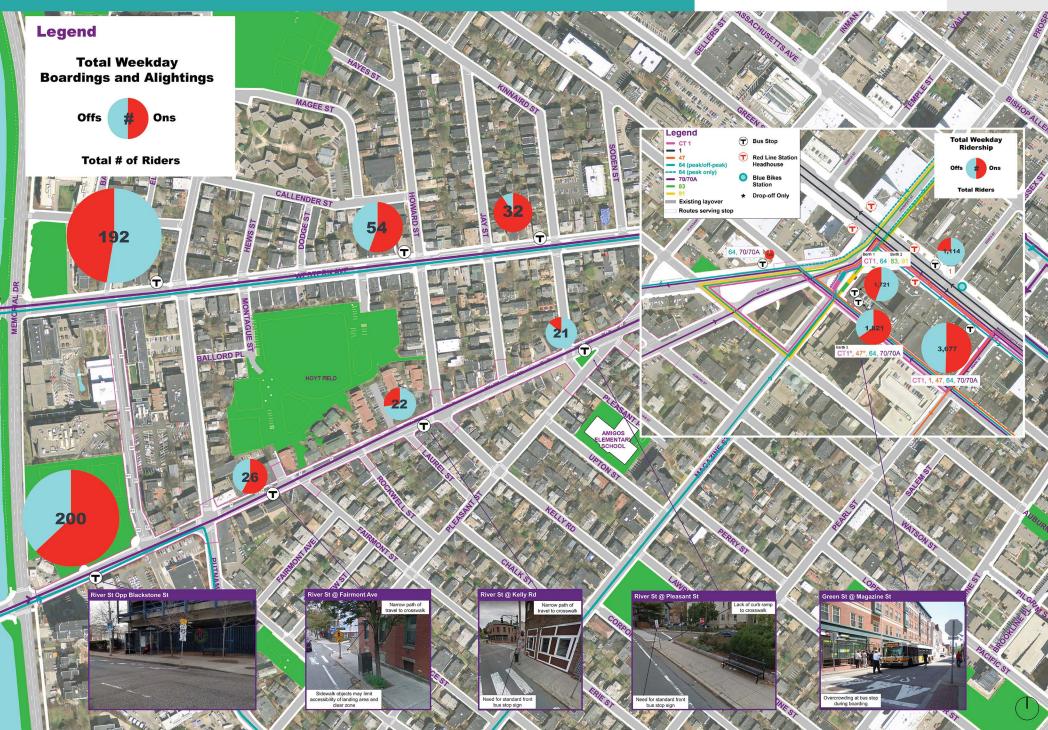




TRANSIT



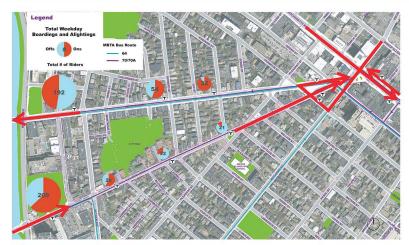




TRANSPORTATION CONDITIONS







Buses

Bus routes on River Street carry almost 3,000* riders per day through Central Square. Most people are getting on and off the bus in Central Square or on other parts of the route.

More people use bus routes on River Street in the morning peak, traveling towards Central Square.



Street segments recorded with the most bus delay and reliability issues in the Cambridge

Per Bus **Passengers** of

The ends of the River Street corridor present the most challenges for every mode of transportation:

- Bus riders experience the most delay
- Bicyclists have the lowest level of comfort
- Drivers wait in the longest queues and congestion
- · Pedestrians cross against the most traffic creating higher chances for conflict





People have varying levels of tolerance for traffic stress created by volume, speed, proximity of adjacent traffic and on-

This can be measured as a "Bicycle Level of Comfort" (BLC)
• An all-ages and ability network has BLC of 1 or 2

- · Facilities with BLC 1 or 2 are generally safest
- · River Street is currently BLC 3 or worse

River Street is currently a BLC 3 and 4, well below the City's goal

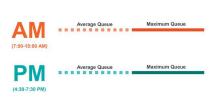


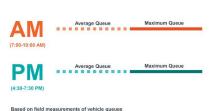


Like River Street, the image to the left shows a narrow bike lane that leaves the biker exposed to on-coming traffic. This type of facility represents a BLC 3 based on traffic volume, vehicle speeds and the number of travel lanes



Average & Maximum Queues









URBAN DESIGN CONDITIONS - West



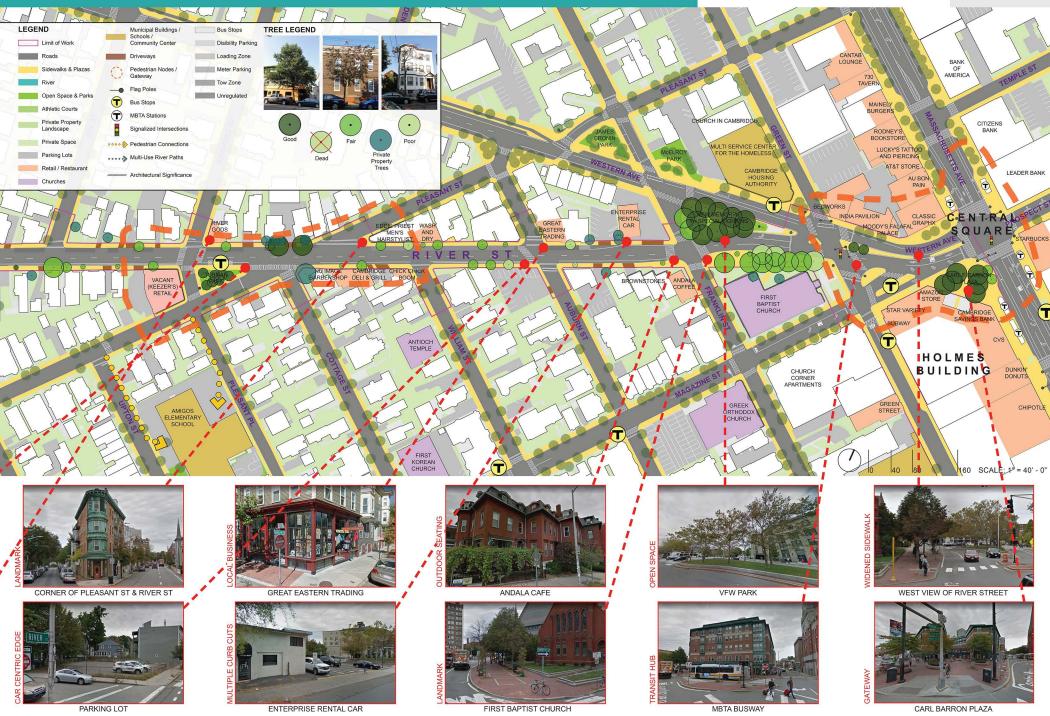




URBAN DESIGN CONDITIONS - East



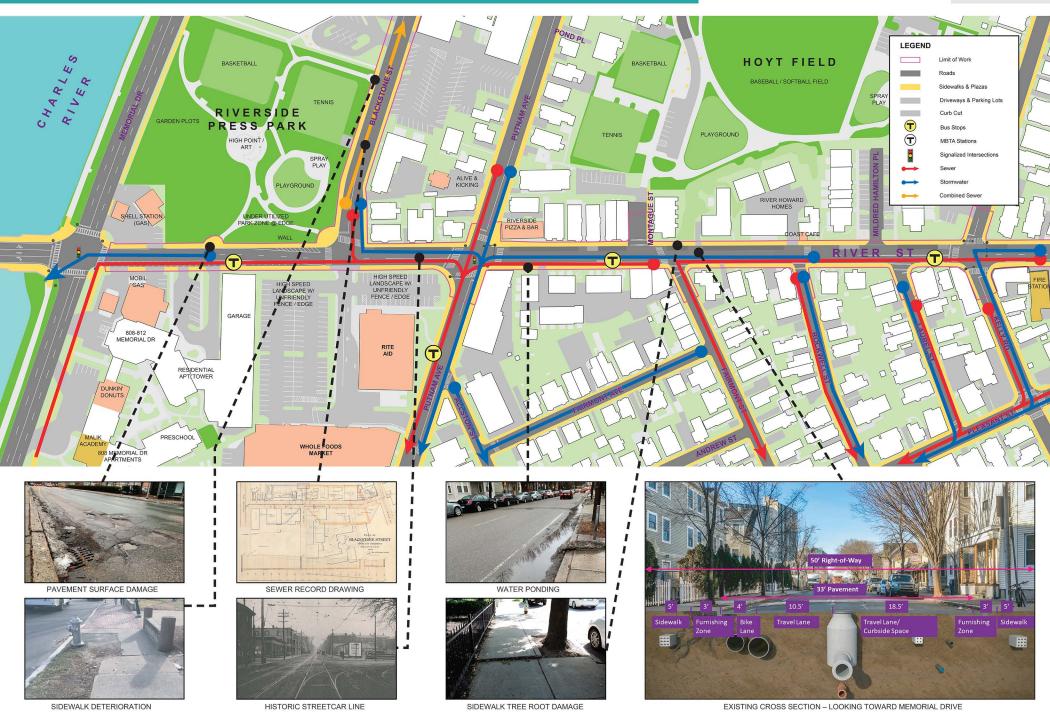




INFRASTRUCTURE CONDITIONS - West







INFRASTRUCTURE CONDITIONS - East





