



Welcome!

Cambridge Cycling Safety Ordinance Advisory Committee Meeting 2: April 25, 2023

MEETING AGENDA

4:00 Welcome

4:05 CSO Projects Overview

4:20 Background and Discussion: Community Engagement on Outreach on CSO Projects

- Construction engagement
- Quick-build engagement
 - Feedback
 - Timeline
 - Outreach Steps
- Discussion and feedback: What's going well? How can we improve?

5:25 Review of Upcoming CSO Projects

5:40 Next Steps

5:50 Public Comment

6:00 Adjourn

DISCUSSION GUIDELINES

- Respect all participants (members, staff, public)
- Bring as much eagerness to listen deeply for understanding as to speak
- Be curious about and open to different perspectives and sources of information
- Keep the focus on what we can create together
- Maintain and respectful tone
- Do not stereotype groups
- Focus on the issues, including raising perspectives and concerns from relevant stakeholder groups

Discussion: Online Comments

CSO Projects Overview

- Quick build vs. construction
- Requirements of the CSO
- Process for prioritizing projects

Cycling Safety Ordinance Project Types



- Quick-build projects can be installed significantly faster than typical construction projects. **Within months.**
- Capital Construction projects must be added to the City's Five-Year Sidewalk and Street Reconstruction Plan for funding and coordination with utilities. **Can take 2-5 years depending on the amount of work.**

What is not a quick-build project?



Credit: pedbikesafe.org

Curb ramps and crosswalks



Credit: nyc.gov

Curbs, catch basins, and utilities

Where does the CSO call for bike lanes?

- 13.51 miles specifically called out in the Ordinance:
 - All of Mass Ave
 - 2.75 miles by Summer 2022
 - Deadlines for Central Square, MassAve4 in 2025 and 2026
 - “Special4” must be installed by April 30, 2026
 - Broadway from Quincy St to Hampshire St
 - Cambridge St from Oak St to Second St
 - Hampshire St from Amory St to Broadway
 - Garden St from Huron St to Berkeley/Mason St
- 11.6 miles in other locations designated for greater separation in 2020 Bicycle Plan
 - Quick-build lanes installed or construction started by April 30, 2026 *(or April 30, 2027 if we request a one-year extension)*
 - About 18 miles in this category in the Bicycle Network Vision

Deciding “Other Locations” Projects

City staff look at current road conditions and Bike Network Vision to prioritize streets:

- Construction Projects based on the Five-Year Plan for Sidewalk and Street Reconstruction
 - Prioritized by DPW based on condition of streets, sidewalks, utilities, and infrastructure; proximity to major squares, parks, libraries, youth and senior centers, elderly housing, transit; available funding
 - Projects include River Street and Huron Avenue
- Quick-build projects incorporate the prioritization process in Cambridge Bicycle Network Vision

Resources



Cycling Safety Ordinance Projects

camb.ma/cso-projects

Current + Future Projects

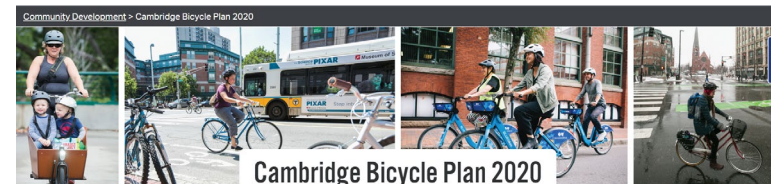
Past Projects



Cycling Safety Ordinance Requirements + Timeline

camb.ma/cso-timeline

All requirements of the Cycling Safety Ordinance + what the City has completed



Cambridge Bicycle Plan 2020

www.cambridgema.gov/2020bikeplanupdate

Full 2020 Bicycle Plan, including Bicycle Network Vision

Background and Discussion: Outreach and Engagement on the CSO

- What outreach methods are we using? What messages do we want to get across?
- As we review, think about:
 - How effective are these methods? What else would help?
 - Are we effectively communicating the purpose of these projects?

Outreach Goals

- Inform people that we are installing separated bike lanes as part of a safety improvement project
 - Explain why we are doing the project
- Explain what the process will be, including timeline and decision-making about the design
- Get feedback on aspects of the street design for which we have flexibility/choices
- Help people understand what is changing when the project is designed and what to expect during installation

Construction Engagement Example: River Street

River Street: Example of a Construction Process

- Three-year community engagement/design process beginning in late 2018
 - Working group met 12 times
 - 9 community meetings, site walks, and open houses
 - Opportunities for online feedback
- Three-year construction process: Fall 2022 to Fall 2025



Quick-Build Engagement

Project Design Feedback on Quick-Build Bike Lanes

- On some streets, there are limited design options because of the width or shape of the street. On other streets, there is more opportunity to shape what the design looks like.
- Quick-build projects are built within existing curb lines. Often, the width of the street means that we have to remove parking.
 - Quick-build separated bike lanes require extra buffer area from within existing curb lines (unlike construction project bike lanes, which move the curb.) (Quick-build examples: Main Street, Hampshire Street)
- The choices that we make with input from the community help us narrow down details of the project.

General Timeline

Phase 1: Introduction

We don't know exactly what the design will look like yet

Introduce project background, goals

Online Community Meeting #1

In-person open house

Feedback on existing conditions



Phase 2: Design Feedback

We come up with a draft design or design options based on comments and current street layout

Online Community Meeting #2

Feedback on draft design(s) (Survey and/or comment form)



Phase 3: Final Feedback + Installation

Based on comments, we come up with a single updated design

Online Community Meeting #3

Feedback period: Final smaller changes to design

In-person open house

Outreach about project installation

Project Design Feedback Questions

- Should we have a bike lane on each side of the street, or a single two-direction bike lane?
- Which side of the street should parking stay on?
- How can we best regulate parking/loading on the street? (Resident permit parking, meters, loading zones for business, accessible/disability parking)
- Where can we make improvements for pedestrians?
- If the street is served by MBTA buses, are there any desired changes to bus stop locations?



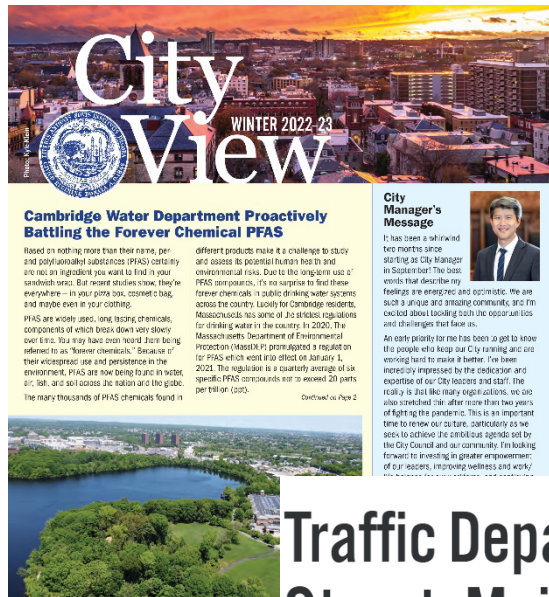
Outreach Overview

- Announcements on upcoming projects
- Project webpages
- Postcards
- Project email lists and City's daily email update
- Posters and flyers
- Business outreach
- Online community meetings
- In-person open houses
- Online feedback forms, surveys, feedback maps
- One-on-one meetings



Where to Find Upcoming Project News

- CSO Annual Reports
- News items, emails, social media
- Project email lists



Traffic Department Announces Projects on Hampshire Street, Main Street, and Aberdeen Avenue

Sign Up for Updates: Main Street Safety Improvement Project

Sign up below to receive updates about the Main Street Safety Improvement Project. For more information on the City's privacy policy, visit www.CambridgeMA.gov/privacystatement.

* Email

First Name

Last Name

City of Cambridge
Second Annual Cycling Safety Ordinance Progress Report
 Year Two: May 1, 2021 to April 30, 2022




Planned for Year 3

The following projects are planned for Year 3.

Street	From/To	Direction	Mileage	Status
Cambridge Street	Oak St to Prospect St	eastbound	.08 miles	Community engagement will begin soon. Anticipated completion by fall 2022.
Main Street	Portland St to Albany St	both	.20 miles	Plans related to Planning Board Special Permit 375 are complete. Construction anticipated to begin by April 30, 2023.
Brattle Street	Mason St to Sparks St	both	.32 miles	Community engagement has begun.
Garden Street	Huron Ave to Mason St	both	1.25 miles	Community engagement has begun.
Huron Avenue	Glacken Field to Fresh Pond Pkwy	both	1.06 miles	Glacken Field Project plans are complete. Construction anticipated to begin by April 30, 2023.
River Street	Memorial Dr to Mass Ave	eastbound	.68 miles	River Street Reconstruction Project community engagement in process. Beginning of construction anticipated by April 30, 2023.
Holworthy Street	Cambridge-Watertown Greenway to Belmont St	both	.08 miles	Belmont Street Reconstruction Project plans are complete. Beginning of construction anticipated by April 30, 2023.
Total			3.67 miles	

Total Planned Year 3 Projects: 4.23 miles



October 31, 2022

Project Webpages



Main Street Safety Improvement Project

Through the Main Street Safety Improvement Project, the City will add separated bike lanes to Main Street between Massachusetts Avenue and Portland Street, creating a more-comfortable bike connection between the Port and Central Square.

[Click here for a larger version of the project area map.](#)



This quick-build project will change the layout of the street with new pavement markings, signs, and flex-posts.

The Main Street Safety Improvement Project will:

- Install separated bike lanes in both directions, adding to the City's network of separated bike lanes.
- Remove about half of the parking in the project area. This is because separated bike lanes, with the extra buffer area, are wider than the traditional bike lanes there now.
- Improve crossings for people walking.
- Address safety at key intersections

These changes will align with the [Cambridge Bicycle Plan](#) and [Vision Zero Action Plan](#) and will help us meet the requirements of the [Cambridge Cycling Safety Ordinance](#).

Status

- We have held one out of three planned community meetings.
- We are gathering feedback that will inform draft designs for the street, which we will present at the next community meeting.

Get Involved

We want to hear from you!

[Comment Map](#)

[Comment Form](#)

Contact Information

Stephen Meuse, PE
Street Design Project Manager

Traffic, Parking, +
Transportation

617-349-4713

smeuse@cambridgema.gov

Email List Sign Up

Join the email list to get updates.

[Sign up](#)

Accessibility

The City of Cambridge does not discriminate, including on the basis of disability. We may provide auxiliary aids and services, written materials in alternative formats, and reasonable modifications in policies and procedures to people with disabilities. For

Postcards

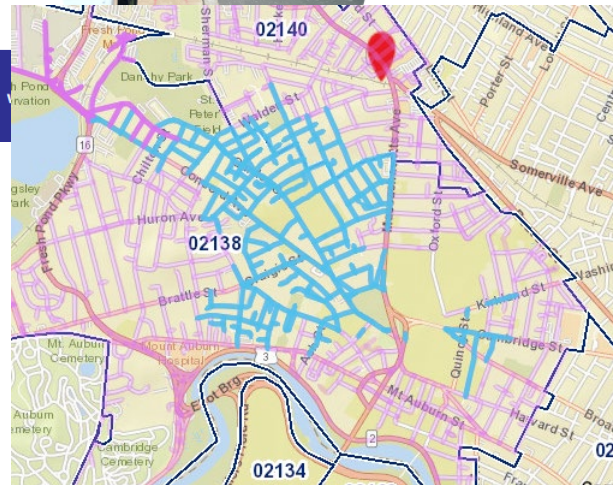
Garden Street Safety Improvement Project

Changes Coming in 2022

This fall, the City of Cambridge will install separated bicycle lanes and make improvements to existing crosswalks on Garden Street between Huron Avenue and Concord Avenue.

Feedback from three community meetings identified a preferred plan: **convert Garden Street to a one-way for vehicles** between Huron Avenue and Concord Avenue, with vehicles traveling eastbound (toward Harvard Square). Bicycle lanes will travel in both directions, with a one-way separated lane on each side of the street.

Learn more at an online community meeting or an in-person open house this September. (See other side for details.)



Project Kickoff

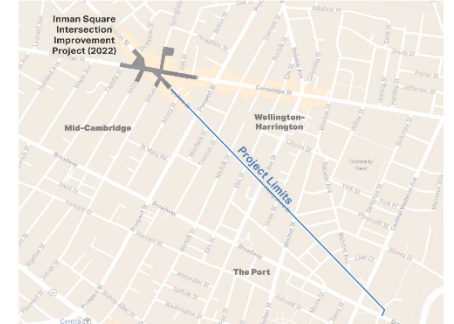
Hampshire Street Safety Improvement Project

Inman Square to Broadway

Cambridge's Hampshire St is a busy corridor navigated daily by people biking, walking and driving. It's also a key piece in the City's plan for a safe, connected, separated bike lane network.

The City will add separated bike lanes to Hampshire St between Inman Square and Broadway. This quick-build project will change the layout of the street with new pavement markings, signs and flex-posts. This will include changes to parking, loading, and improvements to existing crosswalks.

You can help us improve the street for all users. See the other side for details.



Map Data ©2022 Google



CITY OF CAMBRIDGE

www.cambridgema.gov/HampshireStSafety



City of Cambridge
795 Massachusetts Ave.
Cambridge, MA 02139
cambridgema.gov

Hampshire Street Safety Improvement Project

Inman Square to Broadway

You can help guide what this project looks like! In the first of three planned community meetings, learn about the project and tell us what we should be thinking about.

In-Person Open House
Monday, November 7, 2022
4:30 p.m. to 6:30 p.m.
Cambridge DPW
147 Hampshire St

Virtual Community Meeting
Tuesday, November 15, 2022
6 p.m. to 8 p.m.
Via Zoom



More info, meeting details, and mailing list sign up.
Visit www.cambridgema.gov/HampshireStSafety



CITY OF CAMBRIDGE

www.cambridgema.gov/HampshireStSafety

Emails



Hampshire Street Safety Improvement Project Meeting Materials & New Survey



Thank you to everyone who attended our second community meeting on March 7!

Couldn't make it?

- [View meeting slides](#)
- [Watch a video recording of the meeting](#)
- [Read a transcript](#)

Take the Survey

At the meeting, we presented design options for adding separated bike lanes to Hampshire Street. We want to hear from you: What parts of the design do you like? Where can we improve? Where should parking go and what types of parking/loading work best?



Brattle Street Safety Improvement Project Updates Revised Project Plans, Project Open House, and Start of Construction



Photo showing the reconfiguration of Craigie St, installed as part of Phase 1 of the project last Fall.

Hello,

Thank you for your continued interest in the Brattle Street Safety Improvement

Posters and Flyers

City of Cambridge | Community Meeting Hampshire Street Safety Improvement Project



The City of Cambridge is holding a second community meeting on the Hampshire Street Safety Improvement Project on March 7.

About the Project

We will install quick-build separated bike lanes and make related safety improvements on Hampshire Street between Inman Square and Broadway, and on Broadway between Hampshire Street and Portland Street. Adding a block of Broadway to the project makes it easier to design the intersection.

This project will change the layout of the street with new pavement markings, signs, and flex posts. We will also improve existing crosswalks and make changes to parking and loading.

Virtual Community Meeting

Tuesday, March 7, 2023: 6 p.m. to 8 p.m. on Zoom

Learn More on the Project Website

cambridgema.gov/HampshireStSafety

Contact the Project Manager

Andreas Wolfe | awolfe@cambridgema.gov | 617-349-9162

Accessibility Statement

People with disabilities may request accommodations by contacting Traffic, Parking, and Transportation at 617-349-4700 (voice), 711 (relay), or tpt@cambridgema.gov.



City of Cambridge

Fall 2022 Installation of Separated Bike Lanes

Brattle Street from Mason Street to Sparks Street

This fall, you'll notice construction on Brattle Street as the City of Cambridge improves existing crosswalks and installs two-way separated bike lanes between Mason Street and Sparks Street.

We will also repave and repaint Brattle Street between Harvard Square and Mason Street, where there are already separated bike lanes.

Beginning in late September, work will include:

- Grinding and repaving the street. Between grinding and paving, there will be a height difference between the regular road and the section under construction. Exercise caution when stepping off the curb or opening car doors.
- Improving existing crosswalks and reconstructing curb ramps at Longfellow Park and Willard Street.
- Painting new road and separated bike lane markings.
- Installing pre-cast concrete curbs to separate people biking from the road.

Parking Changes

We are removing parking on the north side of the street—the same side as the Longfellow House. Parking will remain on the south side of the street with minor changes.

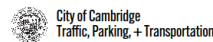
Changes at the Craigie/Sparks/Brattle Intersection

At the intersection of Craigie Street, Sparks Street, and Brattle Street, we will create two distinct intersections by closing off the portion of road that connects Craigie Street to Sparks Street.

Learn More and Contact Us

For the latest updates, visit www.cambridgema.gov/BrattleStSafety.

Contact Andreas Wolfe at awolfe@cambridgema.gov or 617-349-9162.



City of Cambridge | Traffic, Parking, + Transportation

Main Street Safety Improvement Project

Main Street between Massachusetts Avenue and Portland Street

We are starting the community outreach process to make safety improvements to a section of Main Street. This project will:

- install separated bicycle lanes in both directions
- improve crossing locations for people walking
- identify locations for parking and loading
- address safety at key intersections

Get involved! Join us for our first community meeting and an informational open house. We'll review the planning background, introduce the project, and share a timeline. Ask questions and let us know what we can improve!

First Community Meeting
Thursday, March 16, 2023 – 6:00 p.m. to 8:00 p.m. via Zoom

Project Open House
Wednesday, March 22, 2023 – 4:30 p.m. to 6:30 p.m.
Main Street at Bishop Allen Drive

Learn More About the Project and Meetings
www.cambridgema.gov/MainStreetSafety

Contact the Project Manager
Stephen Meuse | smeuse@cambridgema.gov | 617-349-4713

Accessibility Statement
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Business Outreach

- Project manager email outreach to businesses and institutions in the projects area
- In-person outreach to businesses: deliver pamphlets, flyers, etc.
- One-on-one meetings with businesses, institutions about their questions and needs

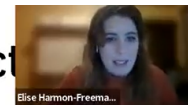


Community Meetings

- Held on Zoom, usually from 6 p.m. to 8 p.m.
- Covers project background, latest updates, designs, schedule
- Opportunity for public comment
- Afterward, meeting recordings, materials, and summaries posted on the project website and emailed

Hampshire Street Safety Improvement Project

Hampshire St – Inman Square to Broadway
Broadway– Portland St to Hampshire St



Second Community Meeting

March 7, 2023 | City of Cambridge

Project Website:

cambridgema.gov/HampshireStSafety

We are Recording

- We will post the recording of tonight's meeting on the project page

Cameras + Microphones

- Your camera is off
- We will enable your microphone only when you are speaking

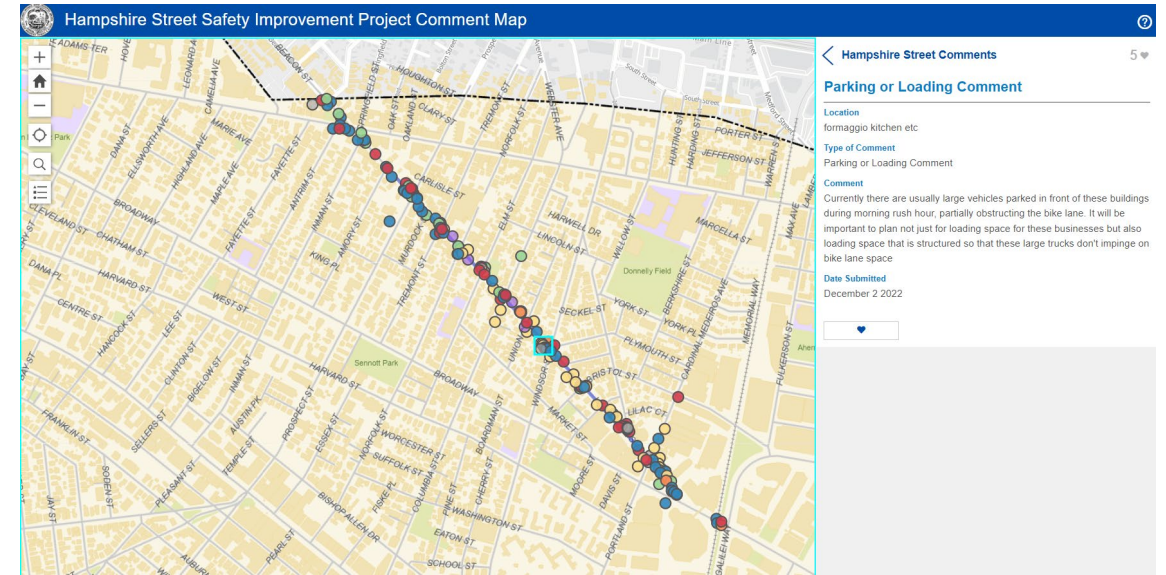
Provide Feedback after the Presentation

- You will find information on how to give feedback at the end of the presentation



Ways to Give Feedback

- Calling or emailing the project manager
- Commenting at a community meeting
- Participating in an open house
- At various times:
 - Online comment forms
 - Community feedback maps
 - Surveys



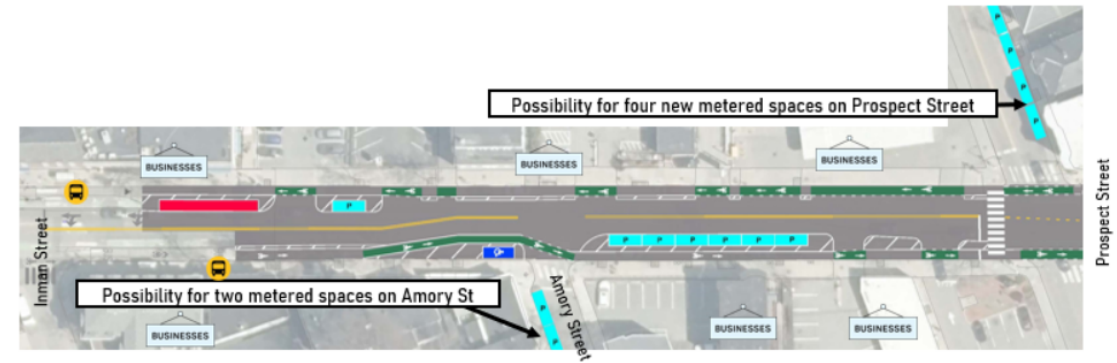
Hampshire Street Safety Improvement Project: Design Feedback

Inman Street to Prospect Street

We have two design options between Inman Street and Prospect Street.

Option 1

Loading and metered parking is split between the north and south sides of the street.



[View larger image.](#)

One-on-One Meetings

- One-on-one meetings upon request
- Project managers meet with individuals, businesses, and organizations to discuss needs and questions
- Businesses: Loading needs, etc.
- Individual meetings: Project managers often meet with individual residents or groups of residents to talk about what the street will look like, listen to concerns, do a site walk, etc.

Project Installation Updates

Brattle Street Safety Improvement Project Updates Phase 1 Curbing Installation Begins Dec. 19



Mockup of concrete curbing separating bike lanes from vehicle lanes in front of the Longfellow House

Beginning next week, the city's contractor, EM Lofgren, will install precast curbing along Brattle Street between Mason Street and Craigie Street. This is part of the installation of Phase 1 of the project. Curbing will separate people biking from the travel lane, in place of the current temporary cones.

We anticipate that this work will begin on Monday, December 19 and take several days to complete. This work is weather dependent and we will communicate any changes to the schedule.

Please look for signs directing you where to drive and/or park, and make sure to drive, walk, and bike carefully around installation crews.

Curbing locations can be found in the design plans from the August 2022 community meeting, [here](#).

[Check the project webpage](#) for the latest installation updates.

[Visit the Project Webpage](#)

Installation Updates

April 3, 2023 - Phase 2 Work to begin

December 7 Update: Installation of precast curbing will begin the week of December 19

November 4 Update: Phase 1 Installation Begins Next Week

November 4: What will change during Phase 1 installation?

October 28 Update: Brattle Street Installation Delayed to Spring 2023

October 2022: Pavement Markings

October 2022: Curb Reconstruction

The City's contractor, Fred DeRoma & Son, will start reconstructing the curbs at Longfellow Park and Willard Street on Friday, October 7. Curb reconstruction should conclude the following week. All work is weather dependent. Please look for signs directing you where to drive and/or park, and make sure to drive, walk, and bike carefully around construction crews.

- Emails
- Web updates
- Posters
- Flyers
- Open houses
- Postcards

Project Installation Complexities

- Difficult to predict exact days that work will occur: weather, scheduling, etc.
- Sometimes we're waiting on equipment, materials (COVID-related supply chain delays)
- Different steps done by different groups: Department of Public Works, Traffic Operations team, contractors, MBTA (overhead wire removal)
- We can't paint the road if it's too cold, so installation is limited to about April to November

Feedback and Discussion

We're constantly evolving our process based on what we've learned works. How can we keep improving?

- Are we missing any steps in the process?
- Are we missing any types of outreach?
- Should we expand or cut back on anything in particular?
- Are there other types of outreach materials that would help?
 - Is there a particular type of content you want to dig into further in the future? (what should posters/flyers look like, how to improve surveys, etc.)
- How can we improve what we're already doing?
- Other feedback?

Current + Upcoming Projects

- Design/engagement phase projects
- Under construction projects
- Future projects in the pipeline

Design/Engagement

Hampshire Street Safety Improvement Project (quick build)

- Hampshire Street between Inman Square and Broadway
- Design/Engagement: November 2022 to Summer 2023
- Installation: Summer 2023

Main Street Safety Improvement Project (quick-build)

- Main Street between Massachusetts Avenue and Portland Street
- Design/Engagement: March 2023 to Summer 2023
- Installation: Late Summer 2023

Harvard Square Bus Stops (construction)

- Massachusetts Avenue between Plympton Street and Garden Street
- Design/Engagement: 2022 to 2023
- Construction: Begins 2024

Massachusetts Avenue Partial Construction Project

- Massachusetts Avenue between Waterhouse Street and Alewife Brook Parkway
- Design/Engagement: 2023
- Construction: 2024 to 2026

Under Construction

Brattle Street Safety Improvement Project Phase 2

- Complete Summer 2023

Huron Avenue and Cushing Plaza Improvements Project

- Complete Fall 2023

Belmont Street Reconstruction Project

- 0.08 miles of separated bike lanes on Holworthy Street
- Complete Winter 2023

River Street Reconstruction Project

- Complete in 2025

Future Projects

Mt Auburn Street at Aberdeen Avenue Intersection Safety Improvement Project (quick-build)

- Separated bike lanes on Aberdeen Avenue
- Project launch this Spring/Summer

Cambridge Street from Oak Street to Second Street (quick-build)

- Cycling Safety Ordinance requires separated bike lanes from Oak Street to Second Street (Inman Square to near Lechmere)
- Project launch this Fall

In the next few years, we know we're going to start the following projects required by the Cycling Safety Ordinance:

- **Broadway** from Quincy Street to Hampshire Street (Installed by April 30, 2026)
- **Massachusetts Avenue** between Sidney Street and Inman Street (must start construction by December 31, 2025)
- About 2.25 more miles in other locations

Questions? Comments?

NEXT STEPS

- ❑ Future Agenda Items:
 - ❑ *Are there topics we touched on today you would like to discuss or hear more about?*
 - ❑ *What else would you like to cover in upcoming meetings?*
- ❑ Summary of this meeting – CBI will share a draft with you for review
- ❑ Look out for scheduling next meeting
 - ❑ Virtual vs. Hybrid?

Check out the CSO Advisory Group website for resources and info:
camb.ma/cso-advisory-committee

PUBLIC COMMENT

Public comments welcome

- Share thoughts in Q&A or verbally
- To comment verbally, raise your hand (virtual or in-person) or signal interest in Q&A window
- Limit comments to 2 minutes; may need to adjust if many speakers

Please keep all comments...

- On-point
- Respectful
- Focused on issues (not individuals)