

# CHAPTER 10

## ACTION ITEMS

# IMPLEMENTATION

Achieving the vision and goals of the Bicycle Plan will be driven by the implementation of the elements outlined throughout this document. Implementation of the Bicycle Network Vision will be the most visible way in which Cambridge works to make bicycling safer and more accessible to people of all ages, abilities, and identities. The Vision will be implemented through:

- + **The Five Year Plan for Sidewalk and Street Reconstruction**, which identifies and prioritizes opportunities for bicycle facilities to be implemented as parts of street reconstruction projects.
- + **The Cycling Safety Ordinance (CSO)**, which requires the City to install separated bike lanes on streets undergoing reconstruction if those streets are identified for greater separation in the Bicycle Network Vision. The Ordinance also requires the City to implement separated bike lanes through a “Quick-Build” process.
- + **Private development projects**, which often play a role in the implementation of bicycle facilities. This is especially true for larger projects, which may be required to construct bicycle facilities as part of their overall site plans or to mitigate the project’s traffic impacts.
- + **Quick-build projects**, which use lightweight, semi-permanent materials to create separated bike lanes. The prioritization approach for quick-build projects is in Appendix H.



This two-way separated bike lane on Ames Street uses traditional construction and quick-build materials.

## INDIVIDUAL ACTION ITEMS

To complement the longer-range and broader perspective of the Bicycle Network Vision, the City continually collects input from the community on issues like intersection configurations, pavement quality, and traffic signals. This input is screened, categorized, and consolidated to create a list of individual action items.

An Action Item list was developed during the 2015 Bike Plan process. Since that time, the City has completed or programmed over 80 percent of the 2015 action items.

For the new Action Item list, input was received through public forms specific to the 2020 Bicycle

Plan Update (including the 2019 online WikiMap, paper maps at numerous public input sessions and street team outings, and the June 2019 Open House) as well as the City’s ongoing commenting and reporting systems, which include:

- + [The Bicycle WikiMap \(for general bicycle infrastructure comments\)](#)
- + [SeeClickFix \(for repairs, maintenance, broken racks, and obstructions\)](#)
- + [Bicycle parking requests](#)
- + [Bluebikes station requests](#)

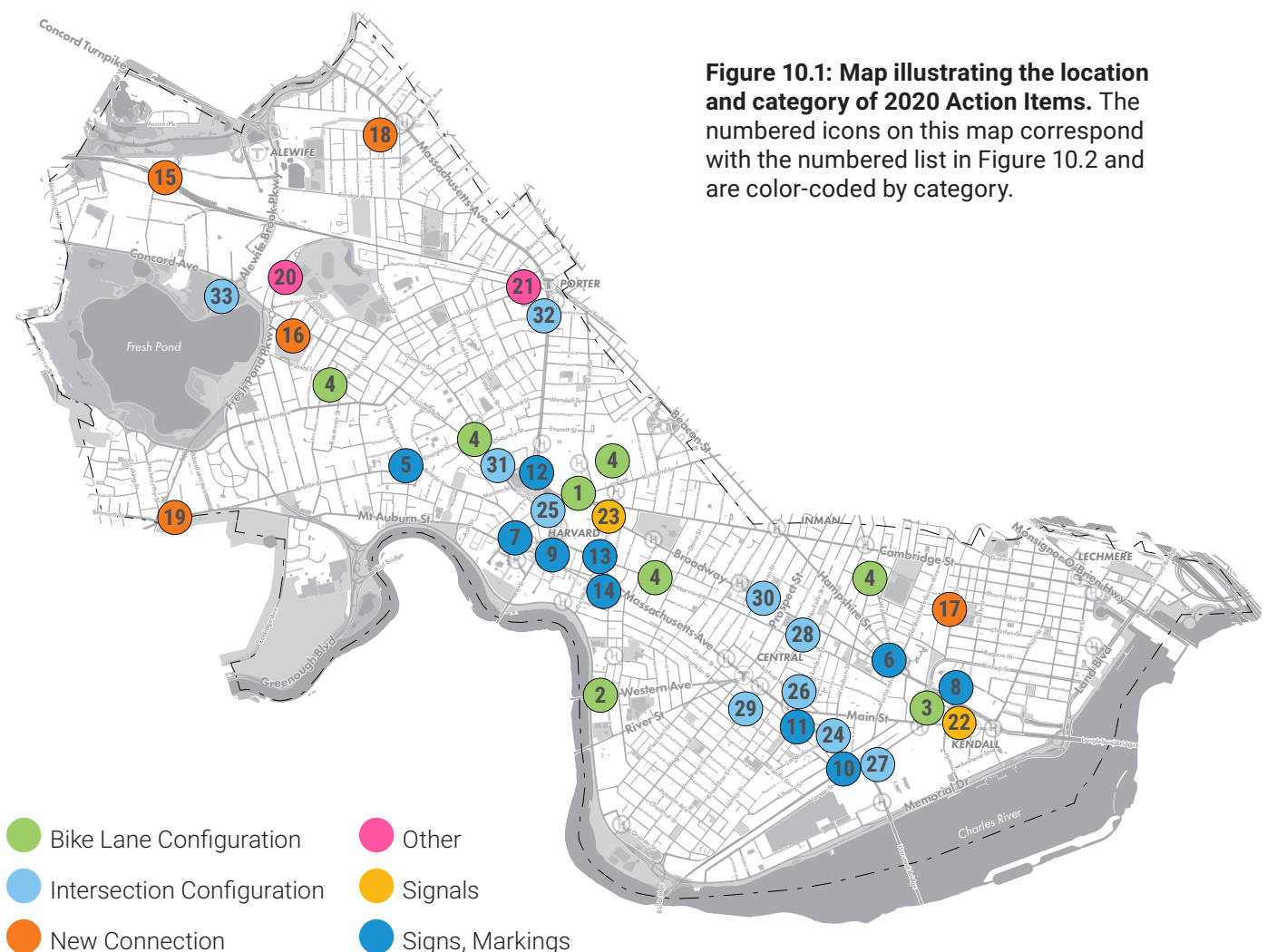


Figure 10.2: List of 2020 Action Items. Status as of Spring 2021.

ID	CATEGORY	LOCATION	DESCRIPTION	STATUS
1	Bike Lane Configuration	Harvard Underpass	Add separation to the buffered bike lane in the underpass as it is stressful to bike in	Underway; Options for surface mount flex post in tunnel being evaluated
2	Bike Lane Configuration	Western Ave	Make Western Ave grade-separated bike lane two-way	Underway; Travel in the northbound direction will be provided on River Street; design is underway and includes a grade-separated bicycle facility
3	Bike Lane Configuration	82 Ames St	Prevent drivers from blocking the bike lane	Complete; Additional bollards added winter 2020
4	Bike Lane Configuration	Arsenal Square, Dana St, Fayerweather St, Harvard St, Irving St, Trowbridge St, Vassal Lane, Windsor St	Provide two-way bicycle connections (contraflow lanes)	Requests recorded; each will require more evaluation
5	Intersection Configuration	Brattle St at Sparks St	Reduce the stress of navigating the intersection of Brattle/Sparks/Craigie on a bike	Longer term; Currently in planning stages for intersection reconstruction
6	Intersection Configuration	Hampshire St at Webster Ave	Square off Hampshire at Webster intersection to slow right-turning vehicles	Near-term; Construction project within 2 years
7	Intersection Configuration	Brattle St at Eliot St	Create better connection from Brattle/Eliot to Mt. Auburn Street eastbound	Will be redesigned with future street reconstruction
8	Intersection Configuration	Broadway at Ames St and Broadway at Galileo Galilei Way	Reduce conflicts between drivers and bicyclists	Underway; Binney/Galileo/Broadway currently under construction
9	Intersection Configuration	Mass Ave at JFK St	Redesign JFK St northbound onto Mass Ave as it is dangerous for bicyclists to merge	Underway; Intersection reconstruction with Kiosk work; started in 2020-2021
10	Intersection Configuration	Mass Ave at Albany St	Improve intersection for bicyclists	Under design, including bus stop improvements
11	Intersection Configuration	Mass Ave at Sidney St	Reduce stress of taking left turn on a bike from Mass Ave southbound onto Sidney St	Needs more evaluation
12	Intersection Configuration	Mass Ave at Waterhouse St	Reduce stress of taking a left turn on a bike from Mass Ave onto Waterhouse St	Needs more evaluation
13	Intersection Configuration	Mass Ave at Harvard St	Add more traffic calming for vehicles merging from Harvard St onto Mass Ave northbound	Complete; Improvements made as part of Quincy/DeWolfe Project
14	Intersection Configuration	Mt. Auburn at Putnam Ave/Mass Ave	Reduce conflicts between people walking, biking, and driving	Complete; Improvements made as part of Inner Mt Auburn Street project
15	New Connection	Alewife	Build path over train tracks connecting Alewife Quadrangle and Triangle	Longer term; Planning for bike/ped bridge underway
16	New Connection	Fern St and Concord Ave	Create better connection between Fresh Pond, Tobin School, and Fern St	Medium term; Will be done along with Tobin School Project

ID	CATEGORY	LOCATION	DESCRIPTION	STATUS
17	New Connection	Grand Junction Path	Add connection between Kennedy-Longfellow School and future Grand Junction Path	Medium term; Evaluating connections and wayfinding to/from the Grand Junction is part of the Grand Junction Path design process
18	New Connection	Westley Ave at Alewife Linear Park	Create connection between Alewife Linear Park and Westley Ave	Needs more evaluation
19	New Connection	Mt Auburn St at Star Market	Extend bike lane on Mt Auburn where it currently disappears	Longer term; Street reconstruction required
20	Other	New St	Remove train tracks that are no longer in use and difficult to bike over	Longer term; Tracks will be removed with street reconstruction
21	Other	Porter Square	Replace the cables on the bike repair stand as they are too short	Tools have been replaced at this bike repair stand
22	Signals	Ames St at Main St	Add bicycle signal for northbound bicyclists in two-way bike lane	Complete; New bike signals added
23	Signals	Cambridge St and Quincy St	Reduce conflict between left-turning northbound bicyclists and right-turning southbound drivers	Complete; raised crossing constructed to improve yielding for people walking and cycling.
24	Signs, Markings	Mass Ave at Windsor St	Improve visibility of bicyclists at this intersection	Complete; Additional daylighting (pulling back parking) has been created to address visibility issue
25	Signs, Markings	Mass Ave at Flagstaff Park (Harvard Square to N. Mass Ave connection)	Improve signage/signals for bicyclists traveling northbound on Mass Ave. from Harvard Square	Complete; additional roadway markings installed.
26	Signs, Markings	Main St at Columbia St	Allow bicyclists to make a right on red here	Near-term; Will add "except bikes" sign
27	Signs, Markings	Mass Ave at Vassar St	Install a bike box for left turn from Mass Ave to Vassar St	Complete
28	Signs, Markings	Broadway at Norfolk St	Make crossing Broadway on Norfolk St northbound on a bicycle less stressful	Near-term; Will evaluate for improved lighting/signing
29	Signs, Markings	Franklin St at Pearl St	Reduce vehicle speeds on Pearl Street, particularly Franklin St intersection	Needs more evaluation
30	Signs, Markings	Broadway at Prospect St	Add bike boxes for turning left from Broadway onto Prospect in both directions	Needs more evaluation
31	Signs, Markings	Garden St at Concord Ave	Provide better signage for how to access "Little Concord"	Will be evaluated
32	Signs, Markings	Mass Ave at Roseland St	Allow bicyclists traveling southbound on Mass Ave to proceed through red light; no conflict with vehicles	Needs more evaluation
33	Signs, Markings	Concord Ave at Alewife Brook Parkway	Create better wayfinding around the Alewife traffic circles for bicyclists continuing on Concord Ave	Will be evaluated

## ONGOING WORK

To support the Bicycle Network Vision, the City continually monitors, evaluates, and addresses issues while providing supporting programs that help build a bicycle culture, encourage more people to try biking, and increase people's access to bikes.

Below is a list highlighting some of the key aspects of the ongoing work of the City. Note, this is not a comprehensive list: see Chapter 6, 7, and 8 for more information on bicycle programs in Cambridge and Chapter 9 for more information on operation and maintenance.

### EVALUATION AND PLANNING

- + Update the map of existing and planned bicycle facilities annually in connection with the timing of the Five Year Plan for Sidewalk and Street Reconstruction.
- + Review bicycle counts and crash analyses; continue to evaluate bicycle count methods and tools to improve the accuracy of these efforts.
- + Evaluate how signals, signs and markings can better support people on bicycles at intersections.

### SUPPORTING INFRASTRUCTURE

- + Add public bicycle parking throughout the city, particularly in business districts.
- + Install additional public sheltered bike parking in key locations.
- + Maintain and expand bicycle wayfinding to enhance the ability to find convenient and comfortable routes to destinations.
- + Continue to expand the Bluebikes system so that stations are conveniently located for residents, workers, and visitors.

### EDUCATION AND OUTREACH

- + Continue to provide focused programs for students at all levels in schools, at city youth centers, and through community activities.
- + Continue to enhance opportunities for groups who are traditionally underrepresented in bicycling, including women and people who identify as women, BIPOC (Black, Indigenous People of Color), foreign-born/non-native English speakers, lower income, and older adults. Include focused initiatives and opportunities for Bluebikes access in these programs.
- + Engage with the community to receive feedback on issues and concerns and develop opportunities and planning based on their input. Of particular focus is working together with community groups on collaborative programming and events.
- + Continue to enhance outreach and educational materials in different formats and languages.

