



Cambridge Road/Street (Route 3) at South Bedford Street and Bedford Road Intersection Improvements

Thank you for joining us.

This meeting will begin shortly.





Cambridge Road/Street (Route 3) at South Bedford Street and Bedford Road Intersection Improvements

Design Public Hearing

Virtual | March 27, 6:00pm

Project File No. 608067



Zoom Hearing Controls



- If you are unable to access the internet or are having technical problems, please call into the meeting at

301-715-8592

Webinar ID: 835 7141 2218



Live Transcript

- Closed captioning automatically generated by Zoom



- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference



If you have trouble with the meeting technology during the presentation, please call:

[+1.888.799.9666]



Public Hearing Notes and Procedures

Notification of Recording This virtual public hearing **will be** recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, still images, audio, and/or transcript. All parts of this hearing are considered public record.

- By continuing attendance with this virtual public hearing, you consent to participate in a recorded event.
- If you are not comfortable being recorded, please turn off your camera, and keep your microphone muted, or excuse yourself from the hearing.
- **Other Important Notes**
- Your microphone and webcam are automatically disabled upon entering this hearing.
- The hearing will be open to questions and answers at the end of the formal presentation.
- Please take time to respond to our survey! Your feedback is important.

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- All MassDOT activities, including public meetings, are free of discrimination.
- MassDOT complies with all federal and state civil rights requirements preventing discrimination based on sex, race, color, ancestry, national origin (limited English proficiency), religion, creed, gender, sexual orientation, gender identity or expression, or veteran's status.
- We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit <https://www.mass.gov/nondiscrimination-in-transportation-program> to reach the Office of Diversity and Civil Rights.

All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments.

Presentation Participants

MassDOT

- Joseph Yoo, Project Manger
- Michael Ruderman, ROW Agent
- Brian Fallon, District 4 Project Development
- Leah Grodstein, Producer/Facilitator
- Hung Pham, Producer/Facilitator

MassDOT Stenographer Consultant

- Advanced Court Reporting

MassDOT Design Consultant, VHB

- Joshua Trearchis, Design Manager
- Amy Silbovitz , Lead Traffic Engineer

City of Woburn

- Jay Corey, City Engineer

Town of Burlington

- Melisa Tintocalis, Economic Development Director

Agenda

1. Project History
2. Project Initiation
3. Project Goals
4. Project Alternatives
5. Proposed Improvements
6. Right of Way Discussion
7. Environmental Impacts
8. Construction/User Impacts
9. Next Steps
10. Contact Information
11. Questions & Answers



How did we get here?

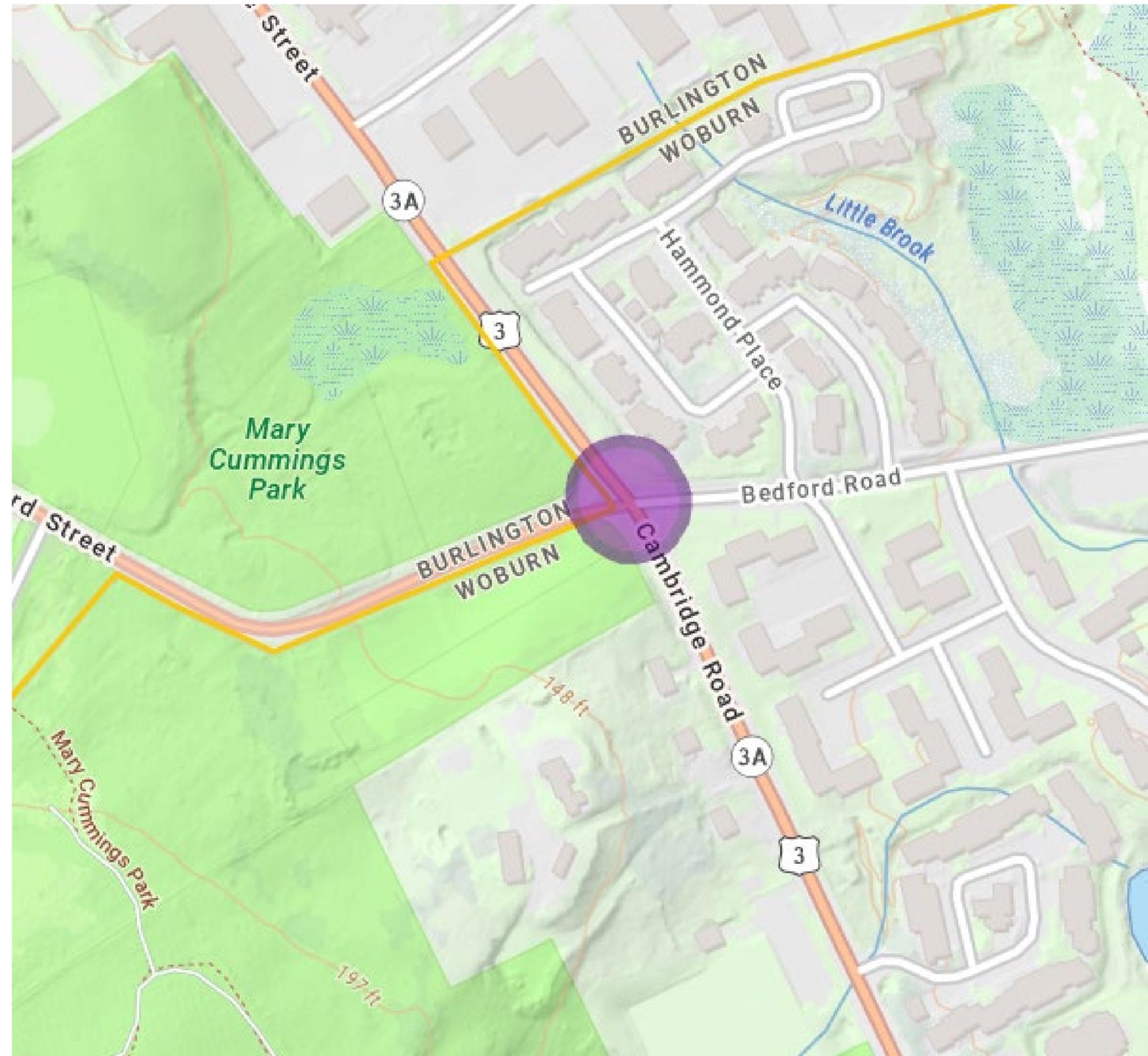




Why was this project initiated?

Existing Intersection

- High Crash Location
 - Highway Safety Improvement Program (HSIP) High Crash Cluster
- Road Safety Audit (RSA)
 - Originally conducted at the intersection in 2014



Zoom to

2018-2020 HSIP Cluster

Crash Count	21
RPAS	Metropolitan Area Planning Council
City/Town	WOBURN, BURLINGTON
MassDOT District	4
Fatal & Serious Injury Crashes	0
Non-Serious & Possible Injury Crashes	8
Non-Injury Crashes	13
Top 5% within Town	BURLINGTON, WOBURN
EPDO	181

Existing Intersection

- Additional capacity needed to improve vehicular traffic operations
 - Single lane on intersection approaches
 - No dedicated turn lanes
- No bike accommodations and narrow shoulder width
- Minimal sidewalk / pedestrian accommodations
- Bus stops do not meet current standards





**What do we
want to
accomplish?**

Project Goals



**Enhance safety of
the intersection**



**Improve vehicular
operations**



**Integrate all
roadway users**



**What
alternatives
were
considered?**

Project Alternatives

Alternative 1 – Signalized Intersection

- Dedicated turn lanes on all approaches
- On street buffered bike lanes
- Sidewalks on all approaches

Alternative 1A – Signalized Intersection

- Dedicated turn lanes on all approaches
- Hybrid of on street bike lanes and separated bike lanes
- Sidewalks on all approaches

Alternative 2 – Roundabout

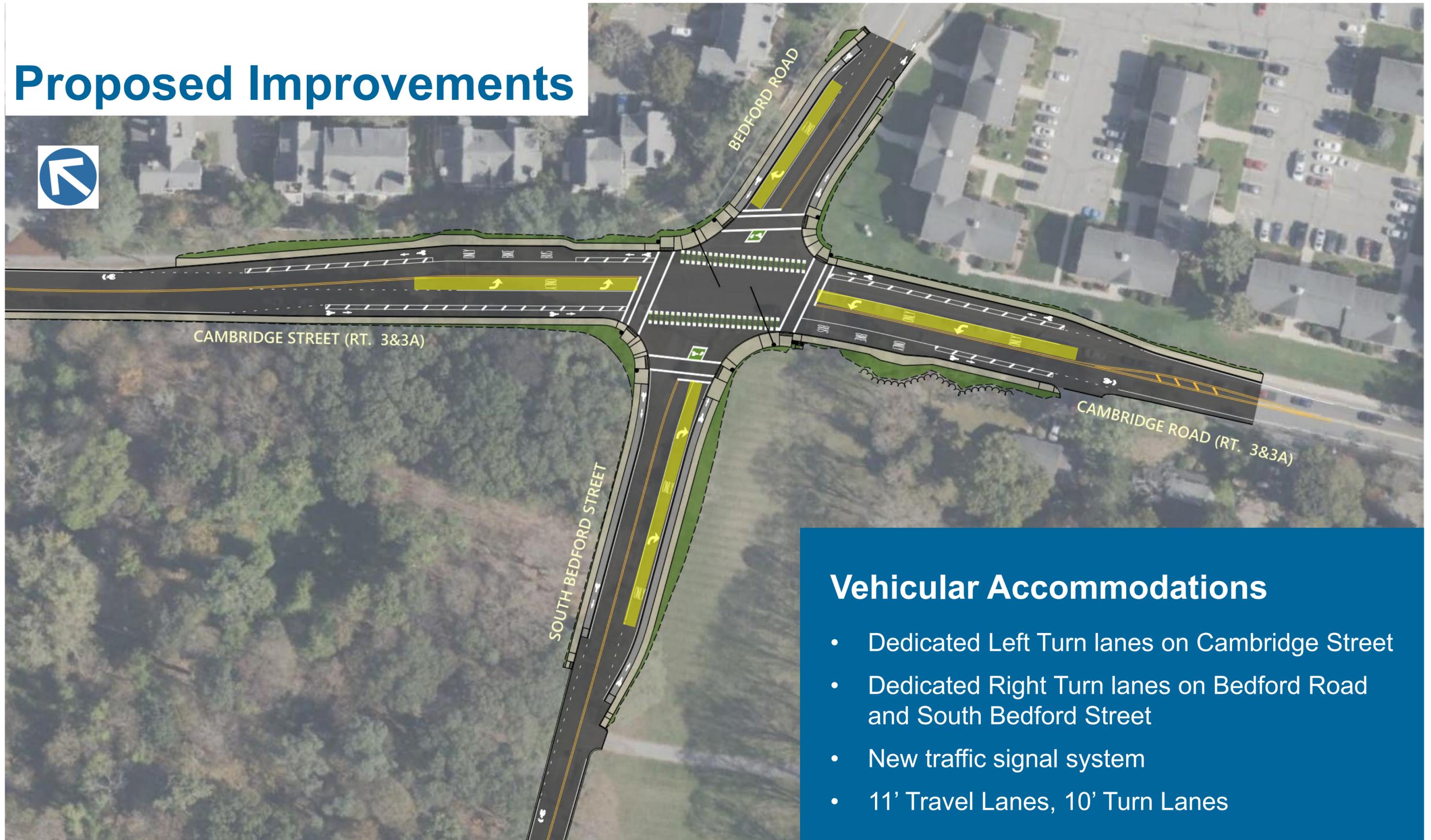
- Two-lane roundabout required
- Shared use paths on all approaches





What is the preferred alternative?

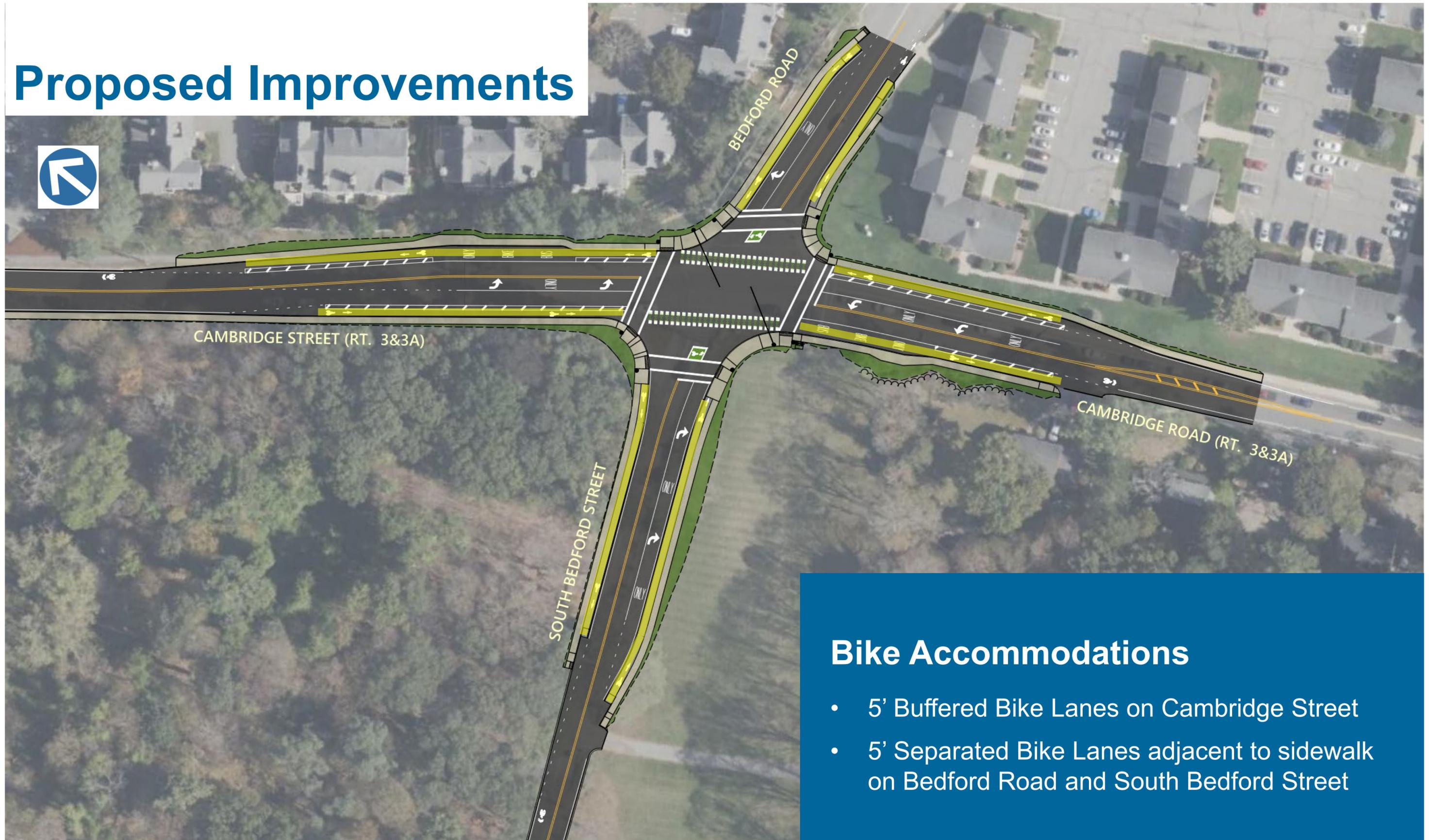
Proposed Improvements



Vehicular Accommodations

- Dedicated Left Turn lanes on Cambridge Street
- Dedicated Right Turn lanes on Bedford Road and South Bedford Street
- New traffic signal system
- 11' Travel Lanes, 10' Turn Lanes

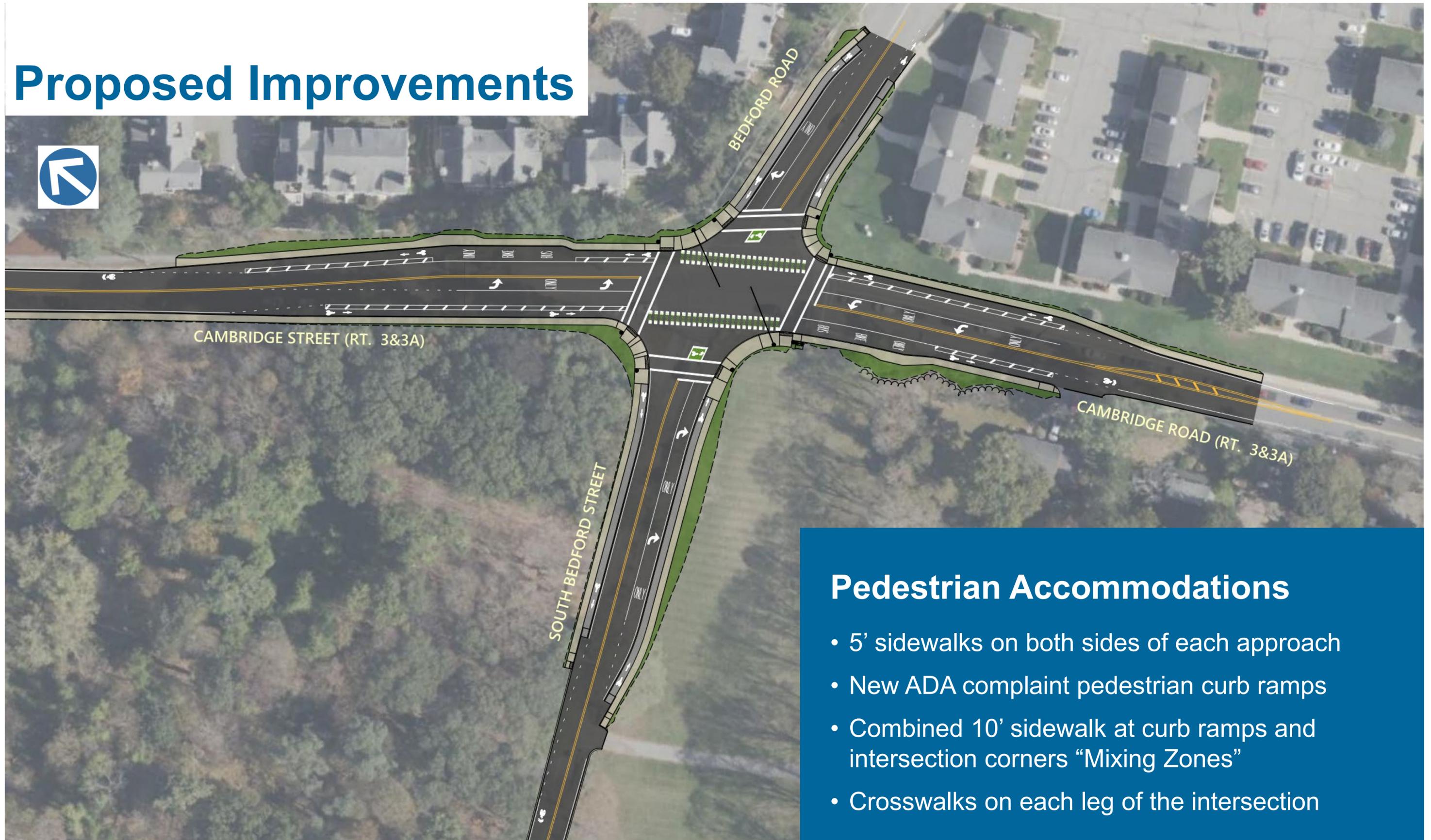
Proposed Improvements



Bike Accommodations

- 5' Buffered Bike Lanes on Cambridge Street
- 5' Separated Bike Lanes adjacent to sidewalk on Bedford Road and South Bedford Street

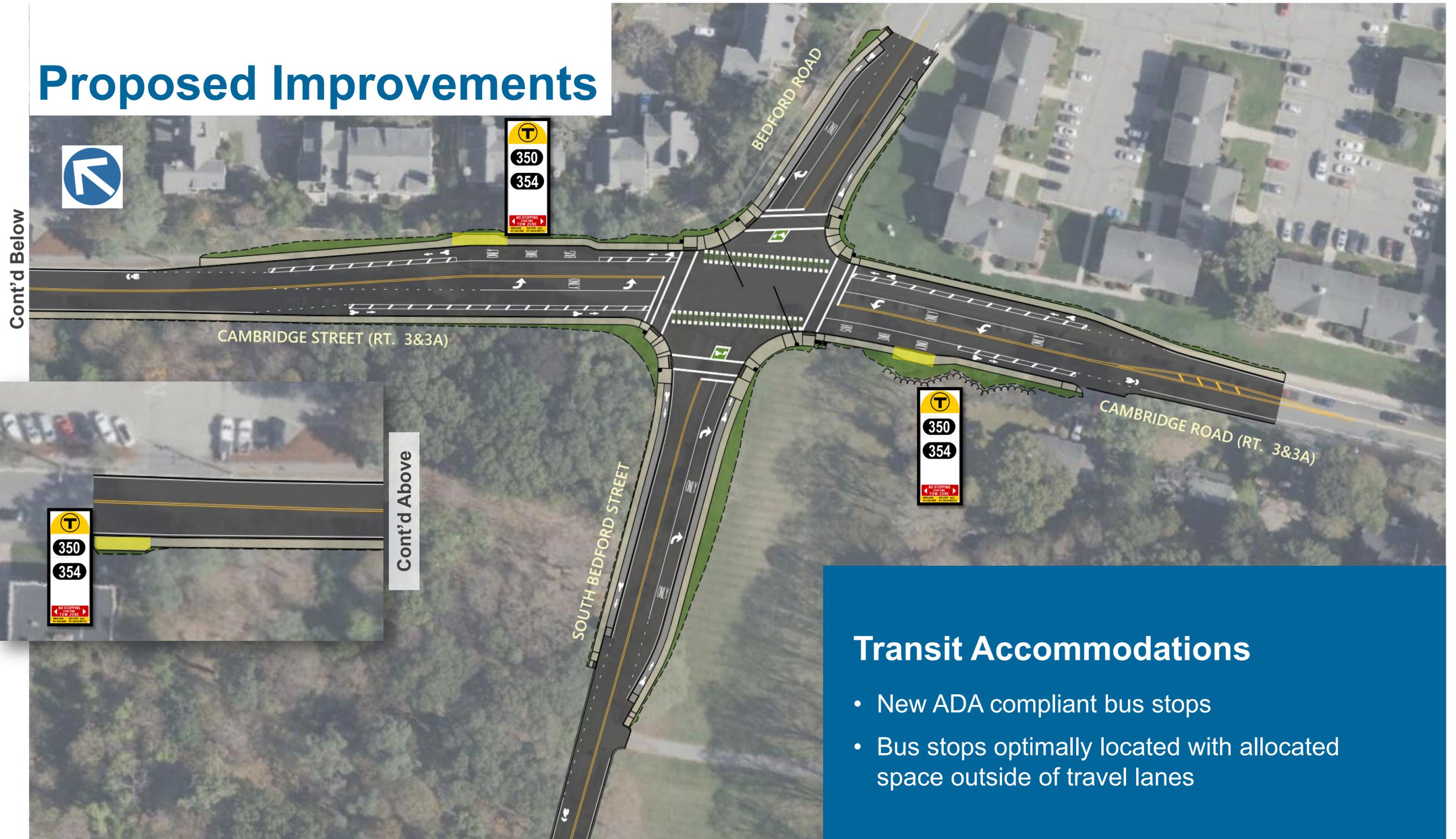
Proposed Improvements



Pedestrian Accommodations

- 5' sidewalks on both sides of each approach
- New ADA complaint pedestrian curb ramps
- Combined 10' sidewalk at curb ramps and intersection corners "Mixing Zones"
- Crosswalks on each leg of the intersection

Proposed Improvements



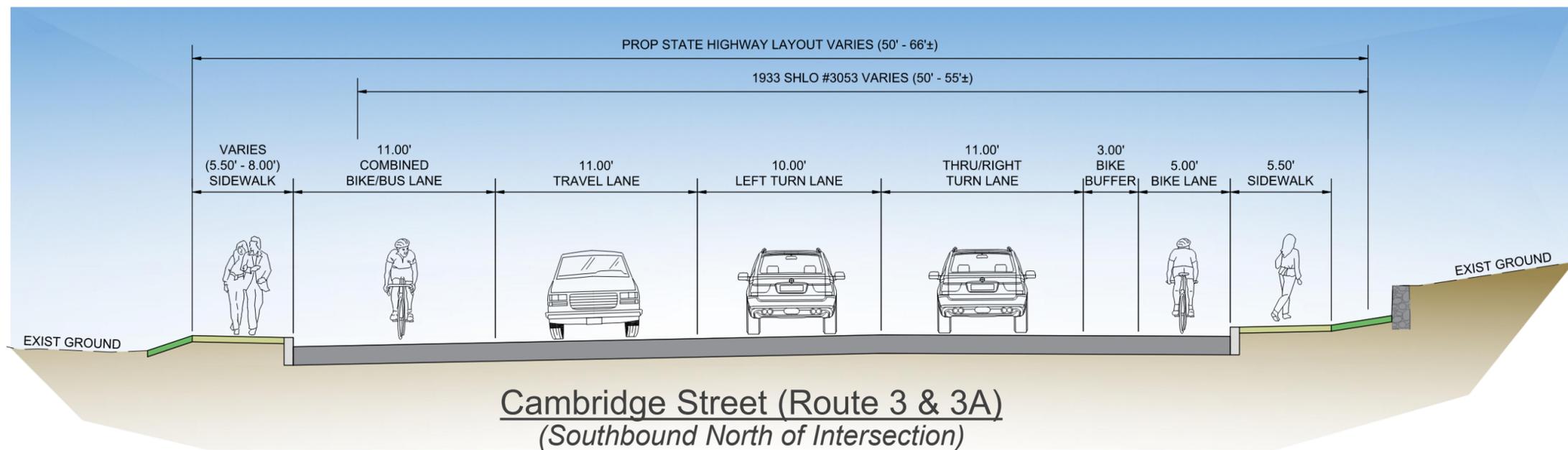
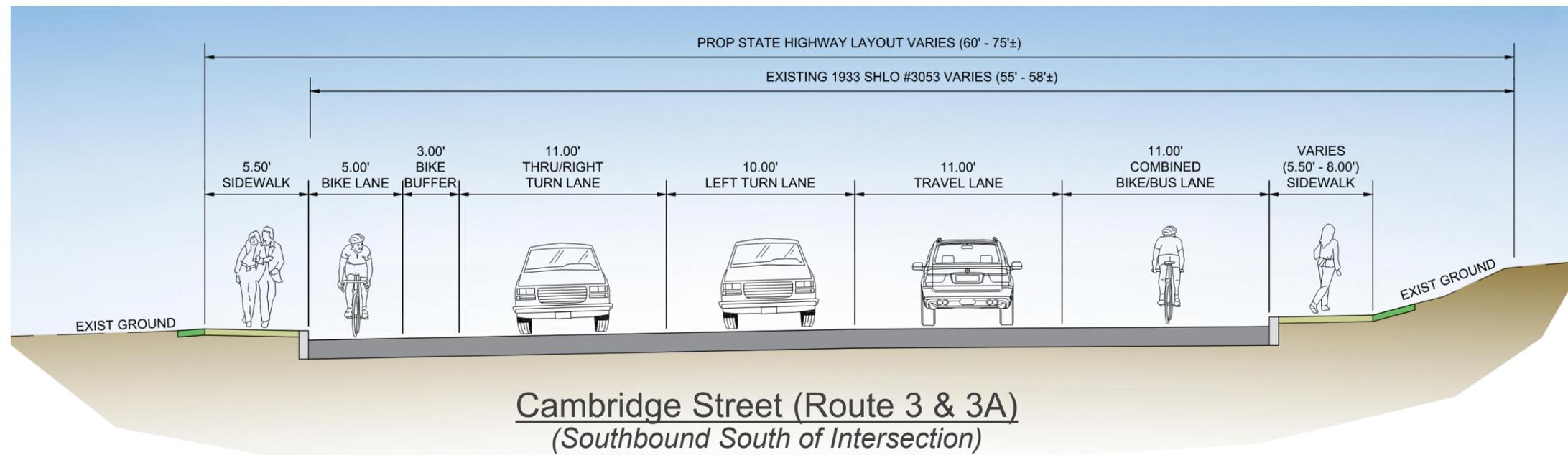
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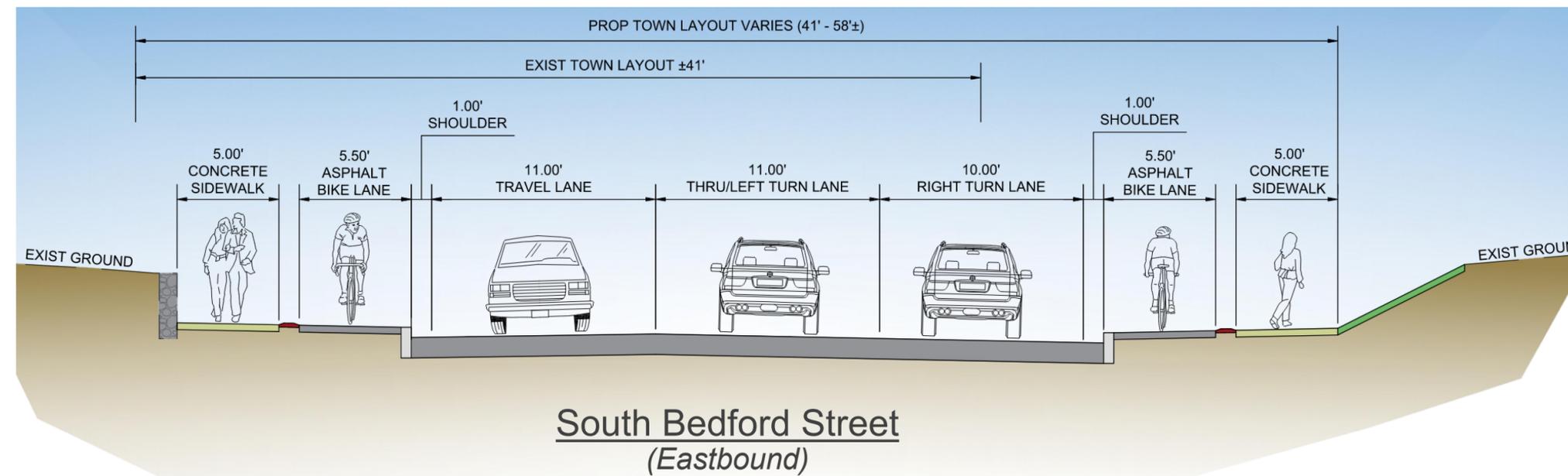
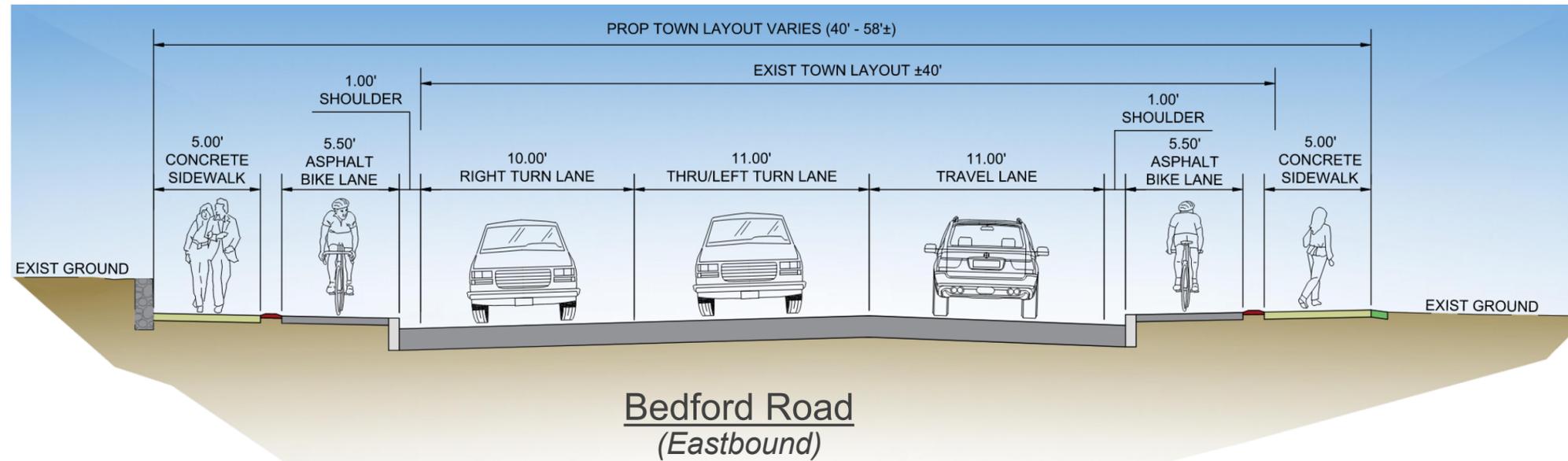
Transit Accommodations

- New ADA compliant bus stops
- Bus stops optimally located with allocated space outside of travel lanes

Proposed Improvements



Proposed Improvements





How will your property be impacted?

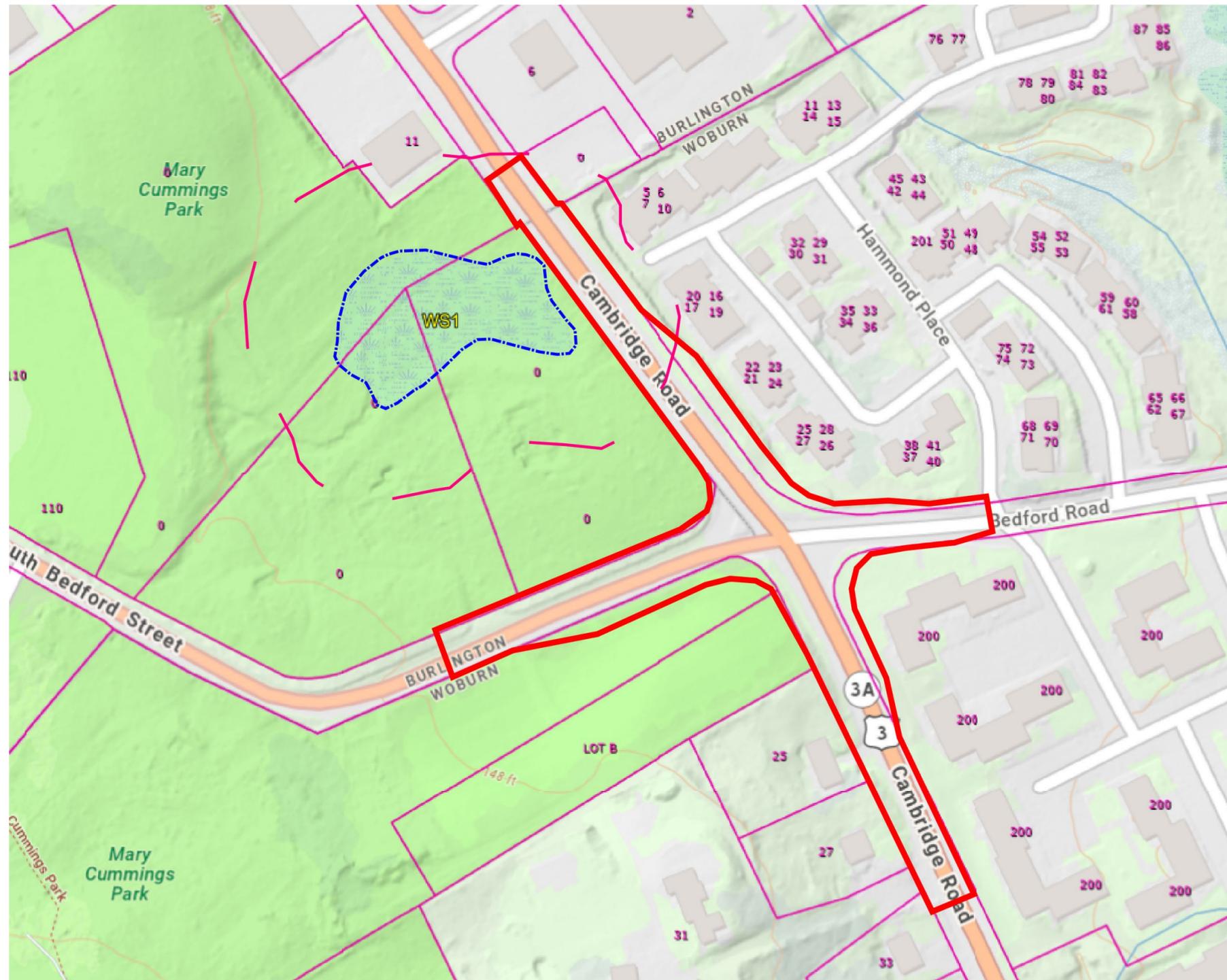
Preliminary Right of Way (ROW) discussion 25% Design Public Hearing

- MassDOT is responsible for acquiring all necessary rights in public land for design, construction, and implementation of this project.
 - Fee takings, permanent easements and/or temporary construction easements may be required.
- Affected property owners will be contacted by personnel from the MassDOT ROW Bureau or consultants representing the responsible agency.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
 - If project receives federal funds, property owners are further protected under Title III of the Real Property Act of 1970, as amended.
- Preliminary ROW drawings will be available at Woburn Town Hall for public review and comment.

At this stage of design, the Right of Way process has not been finalized. This meeting is an opportunity for the public to comment on any impacts to properties.



What are the environmental, cultural resource, and community impacts?



Wetland Resource Areas

- Project limits within Buffer Zone of Bordering Vegetated Wetland (BVW)
- No impacts within wetland resources

Article 97 Land Impacts

- Roadway improvements along South Bedford Street and the west side of Cambridge Road will minimally impact Article 97 land (Mary Cummings Park)
- Mitigation for impacts have been previously coordinated by the Town of Burlington
 - Conservation Restriction created for ±9 acres for intersection impact land replacement



Environmental Permitting

Anticipated Environmental Permits Required:

- Wetlands Protection Act (WPA) Notice of Intent (NOI)
- Article 97 Legislature
- Massachusetts Environmental Policy Act (MEPA) Expanded Environmental Notification Form (EENF) / Environmental Impact Report (EIR)
 - Project located within 1 mile of Environmental Justice (EJ) population
- National Environmental Policy Act (NEPA) Programmatic Categorical Exclusion (CE)



**How will the
road users be
affected during
construction?**

Construction Phase

Roadway Impacts

- Daily lane shifts throughout construction
- One lane of traffic in both directions maintained at all times during peak travel times
 - Occasional lane closures anticipated during off-peak travel times
- No planned detours
- Access will be maintained to abutting homes and businesses
- Pedestrian accommodations and bus stop access will be maintained



Road User Impacts During Construction

Communication

- MassDOT will provide notifications to the public on anticipated traffic impacts
- Construction notifications coordinated with City of Woburn & Town of Burlington
- Ongoing information will be posted on the town's websites



Our Next Steps – Anticipated Schedule





**How will we
keep you
informed?**

How to reach us

- **Submit email comments to:**

MassDOTProjectManagement@dot.state.ma.us

Subject: MassDOT Project File No. 608067 Cambridge Street Intersection, Woburn

- **For project information visit the MassDOT Upcoming Events for Highway Division web site at**

<http://www.mass.gov/orgs/highway-division/events> or used the QR Code:

- **Submit written comments to:**

Carrie Lavalley, P.E., Chief Engineer

MassDOT

10 Park Plaza

Boston, MA 02116

Attention: ROADWAY PROJECT MANAGEMENT, PROJECT FILE NO. 608067



Thank You for Your Support

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Town of Burlington

Metropolitan Area Planning Council

Burlington – Graham Metropolitan Planning Organization

Wilmington RMV Service Branch

The Burlington Area Chamber of Commerce

Woburn Chamber of Commerce



Questions and answers

Questions and Answers



- “Raise your hand” to be unmuted for verbal questions; *9 for attendees calling into the meeting



- To ask a question via phone, dial *9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn



- Submit your questions and comments using the Q&A button (Alt + H)
- Please state your name before your question

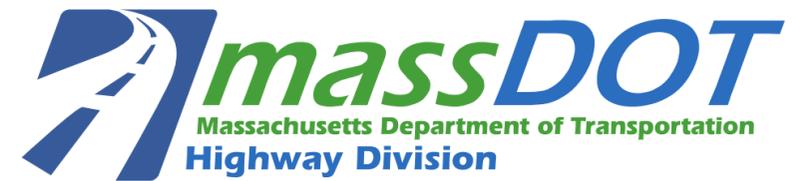


- Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate



- Please take a few minutes to complete the survey after the meeting to let us know how your experience was with this virtual meeting

All questions and comments are subject to disclosure for public records. Please use these functions for project related business only.



Thank You

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Project File No. 608067

Joseph Yoo, Project Manager

