

Massachusetts Avenue Reconstruction Project

Arlington

May 14, 2015

Thompson School

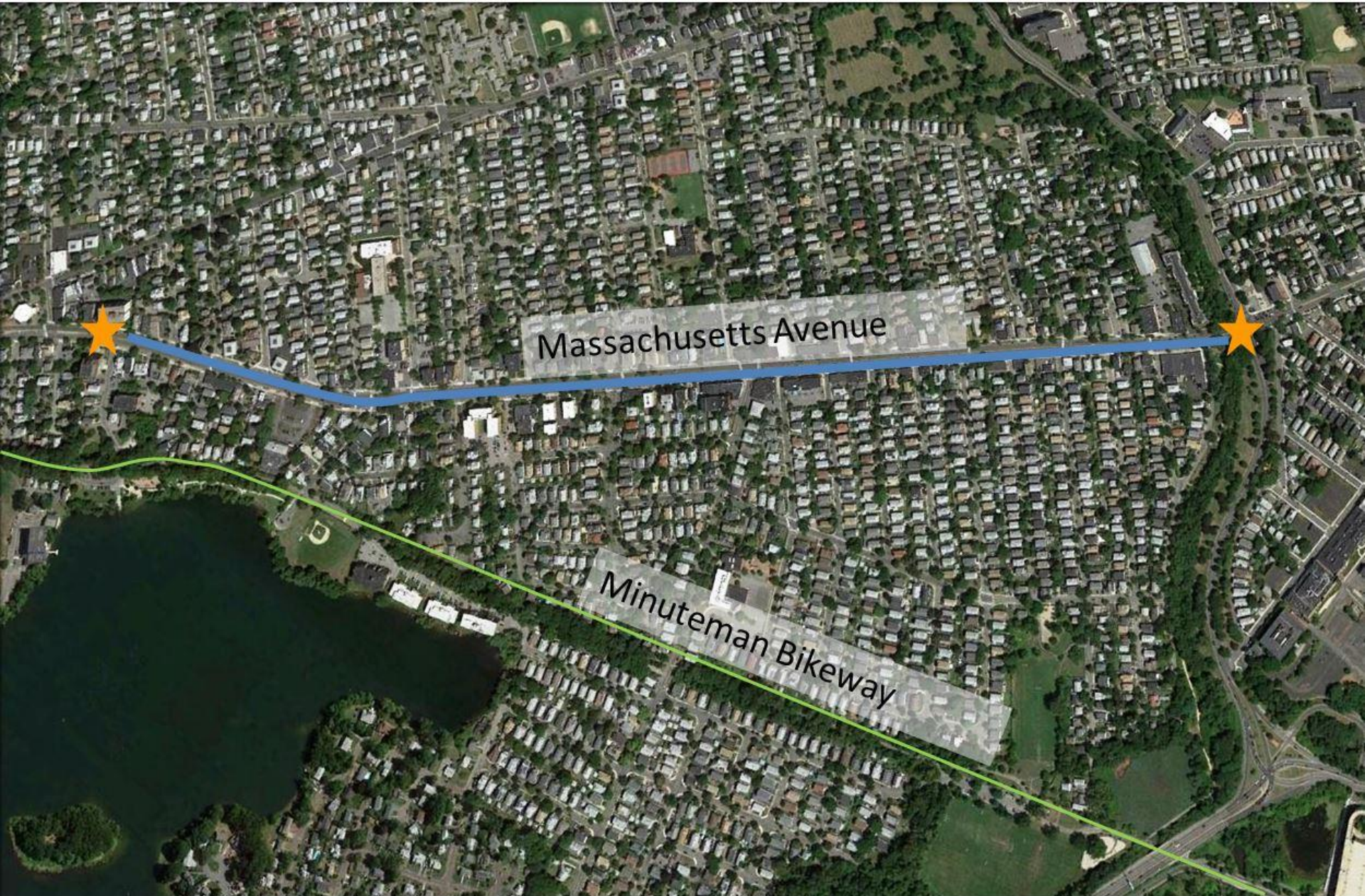
7:00PM

Agenda

- Welcome and Introductions
- Project Overview
 - Limits of work
 - Project goals
 - Project timeline
 - Work accomplished to date
 - The view ahead
- Civic Engagement
- Question and Answer



Project Limits of Work



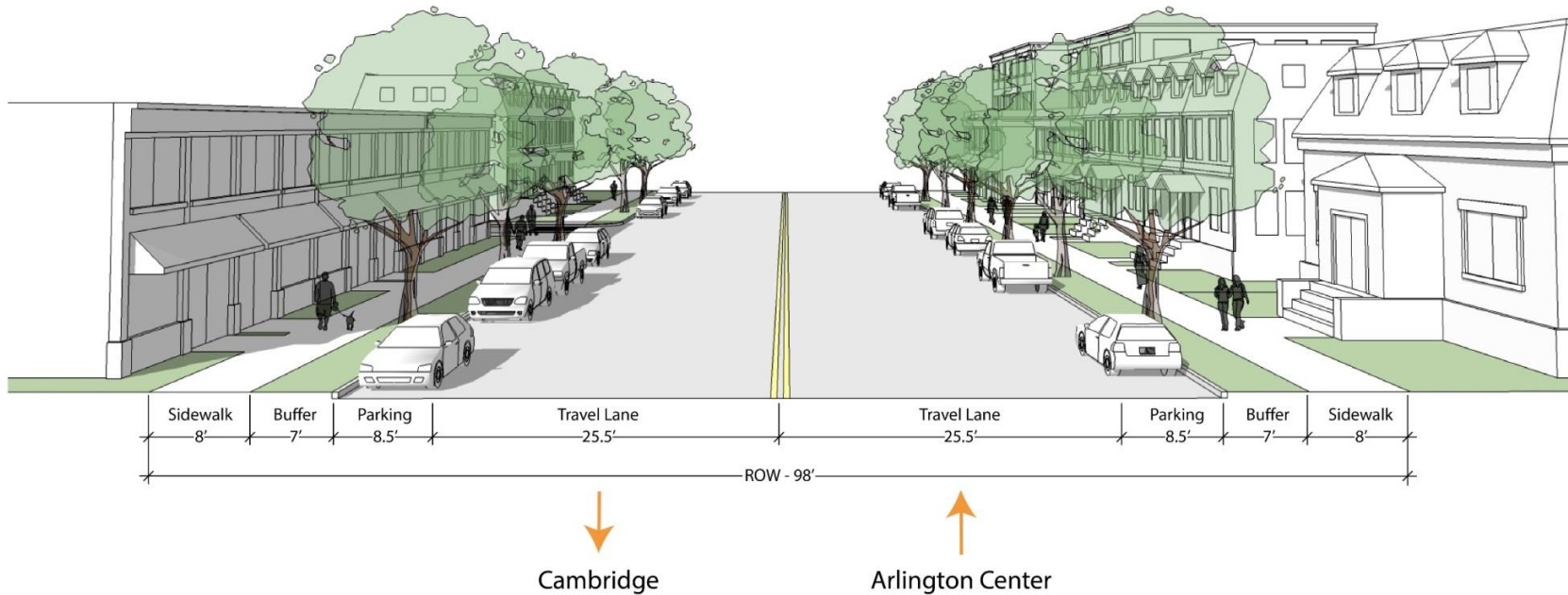
Project Goals

- Implement a traffic system that works for all modes:
 - Increase safety
 - Upgrades to:
 - Sidewalks
 - Crosswalks
 - Signals
 - Roadways
 - Ensure vibrancy of Capitol Square



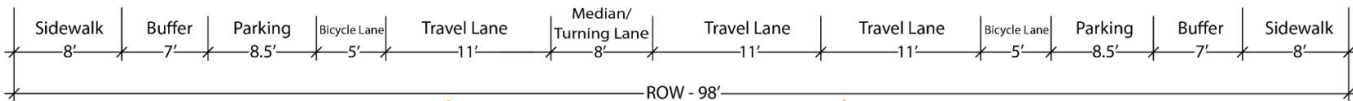
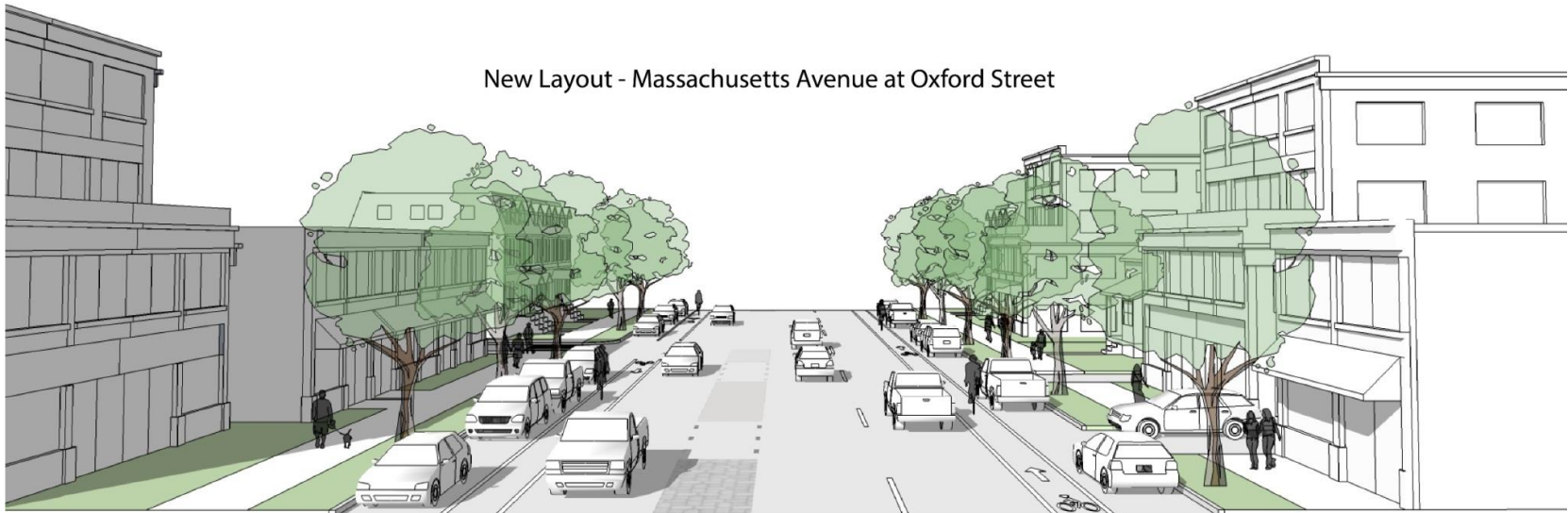
Existing Conditions

Existing Layout - Massachusetts Avenue at Allen Street



Future Conditions - Typical

New Layout - Massachusetts Avenue at Oxford Street

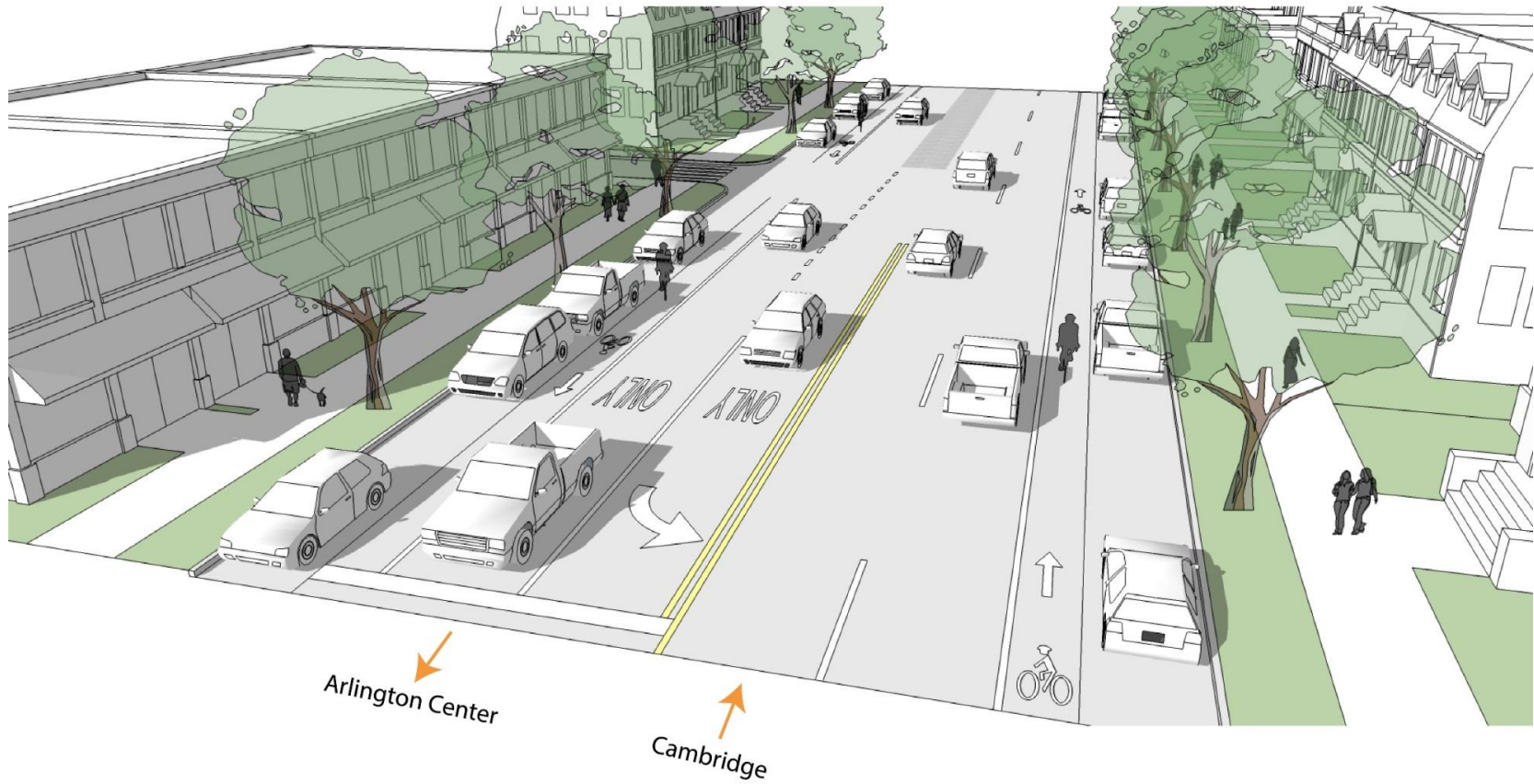


↓
Arlington Center

↑
Cambridge

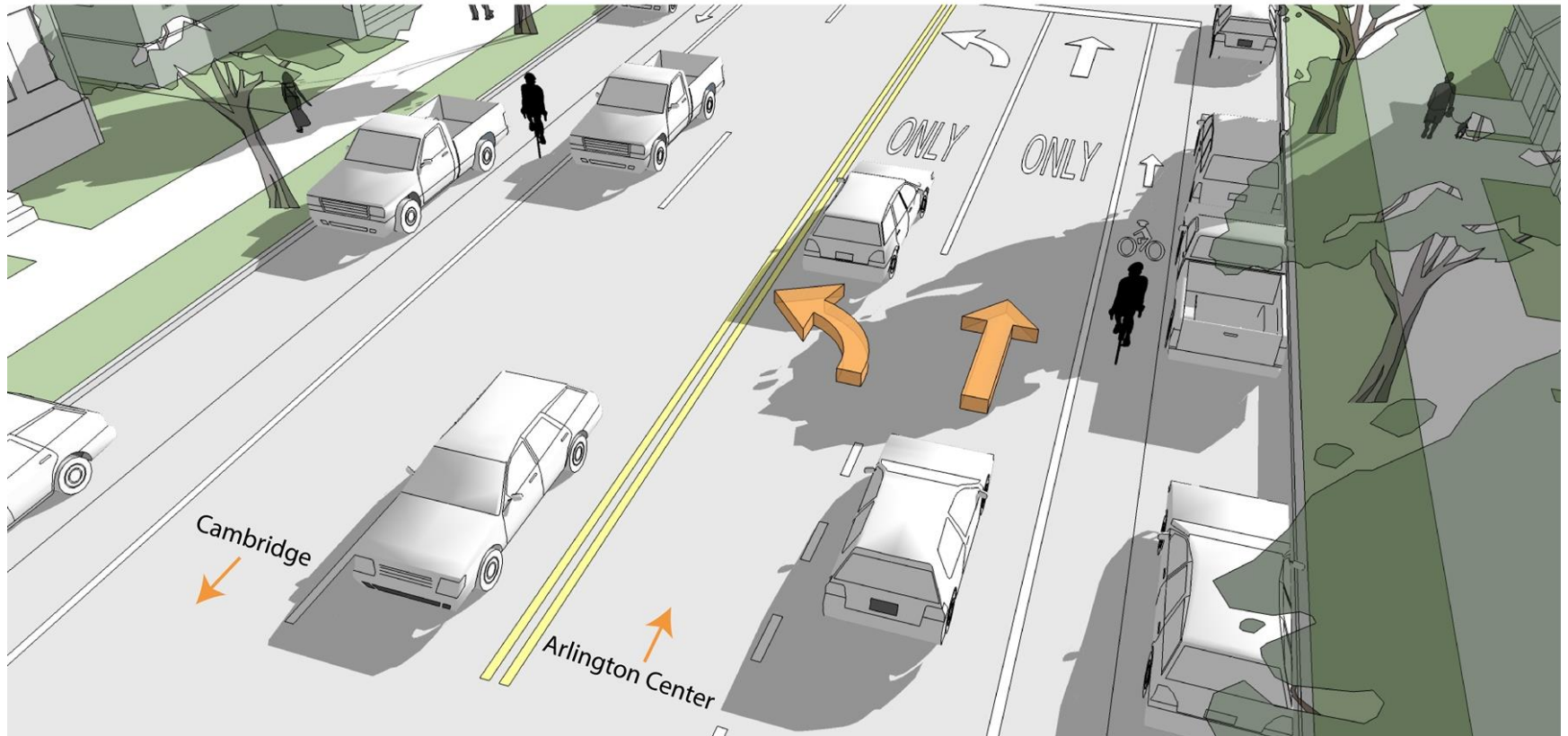
Left Turning Lane

Left-turn Lane with Through Traffic - Massachusetts Avenue at Lake Street



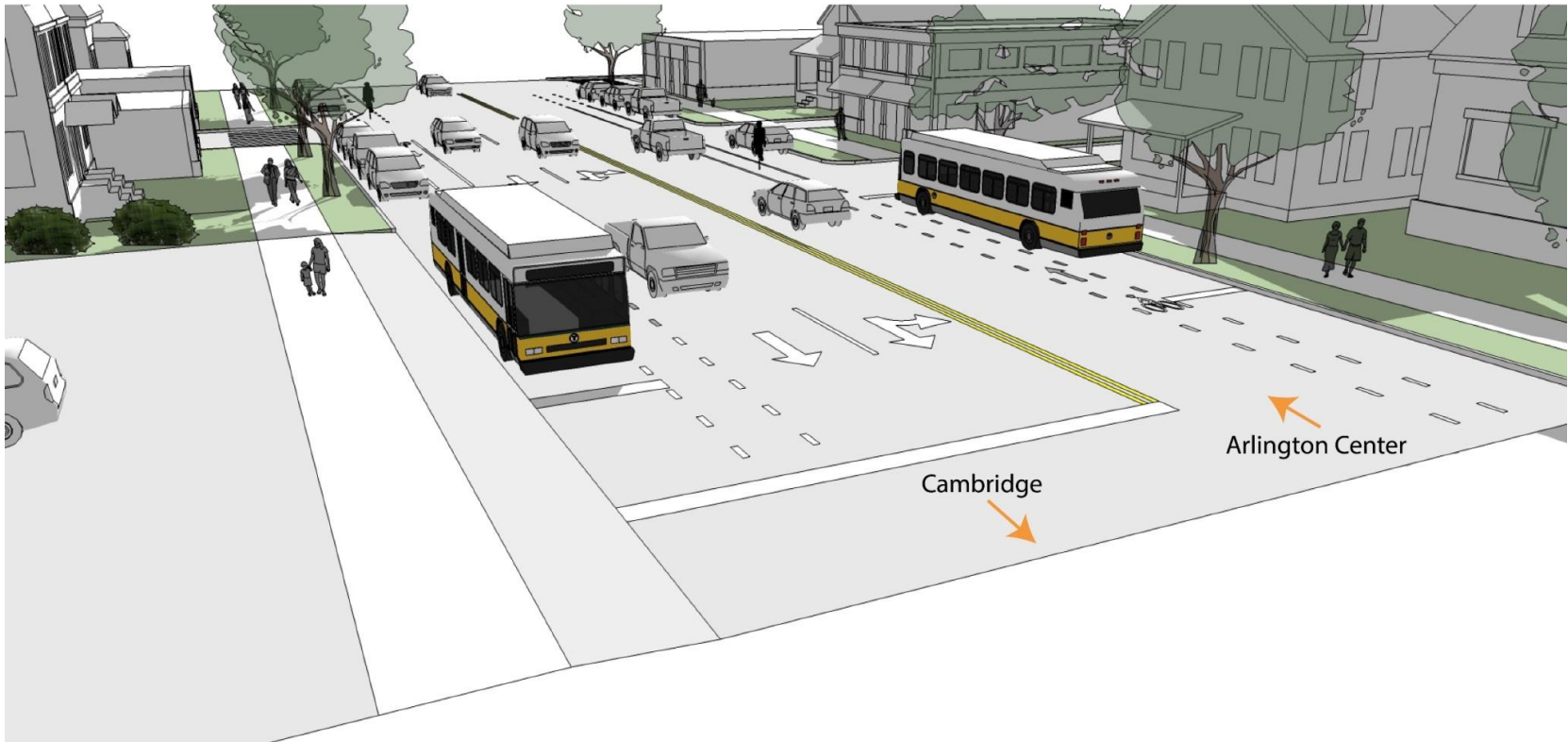
Left Turning Lane II

Left-turn Lane with Through Traffic - Massachusetts Avenue at Lake Street



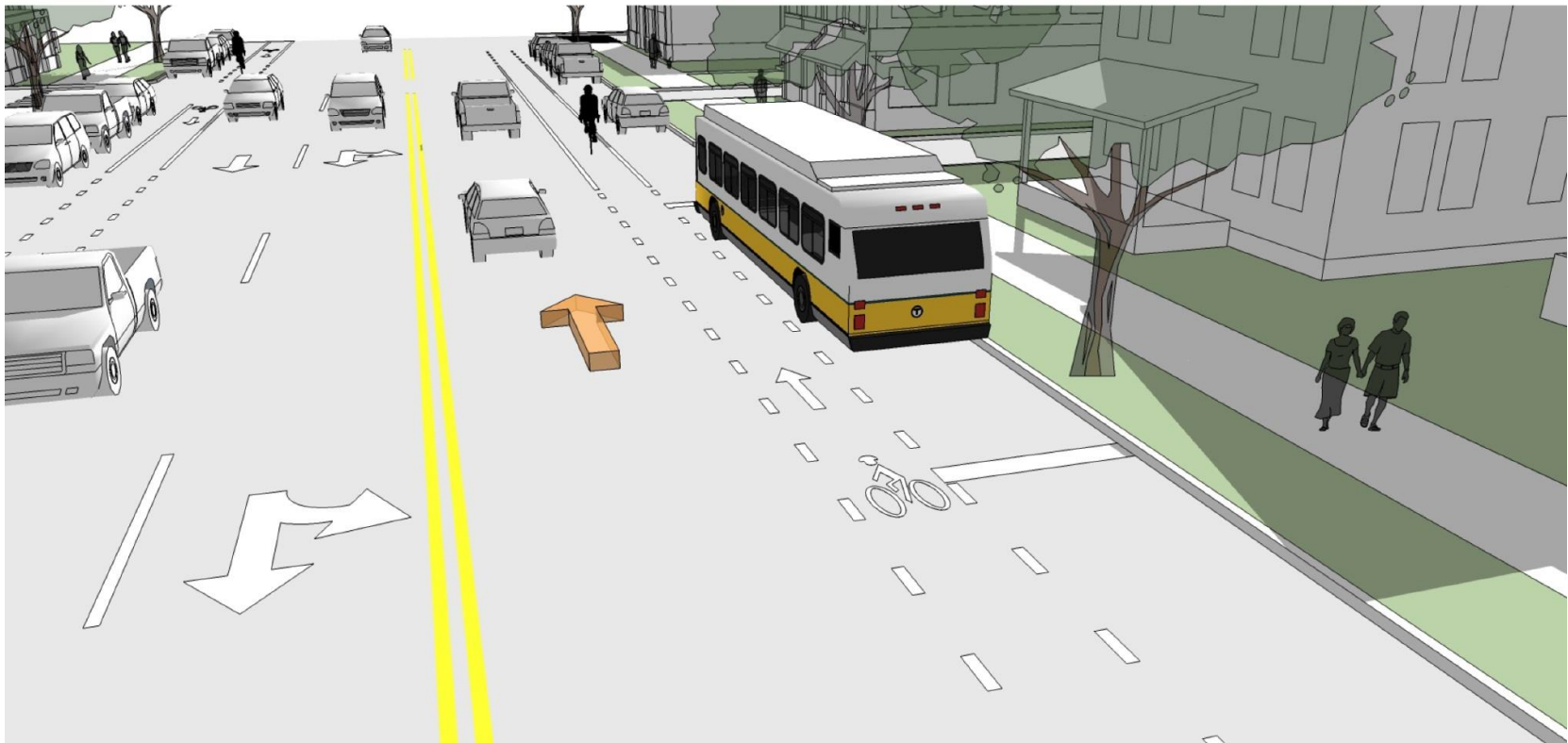
Transit Accommodations

Bus Pull-off with Through Traffic - Massachusetts Avenue at Thorndike Street



Transit Accommodations II

Bus Pull-off with Through Traffic - Massachusetts Avenue at Thorndike Street

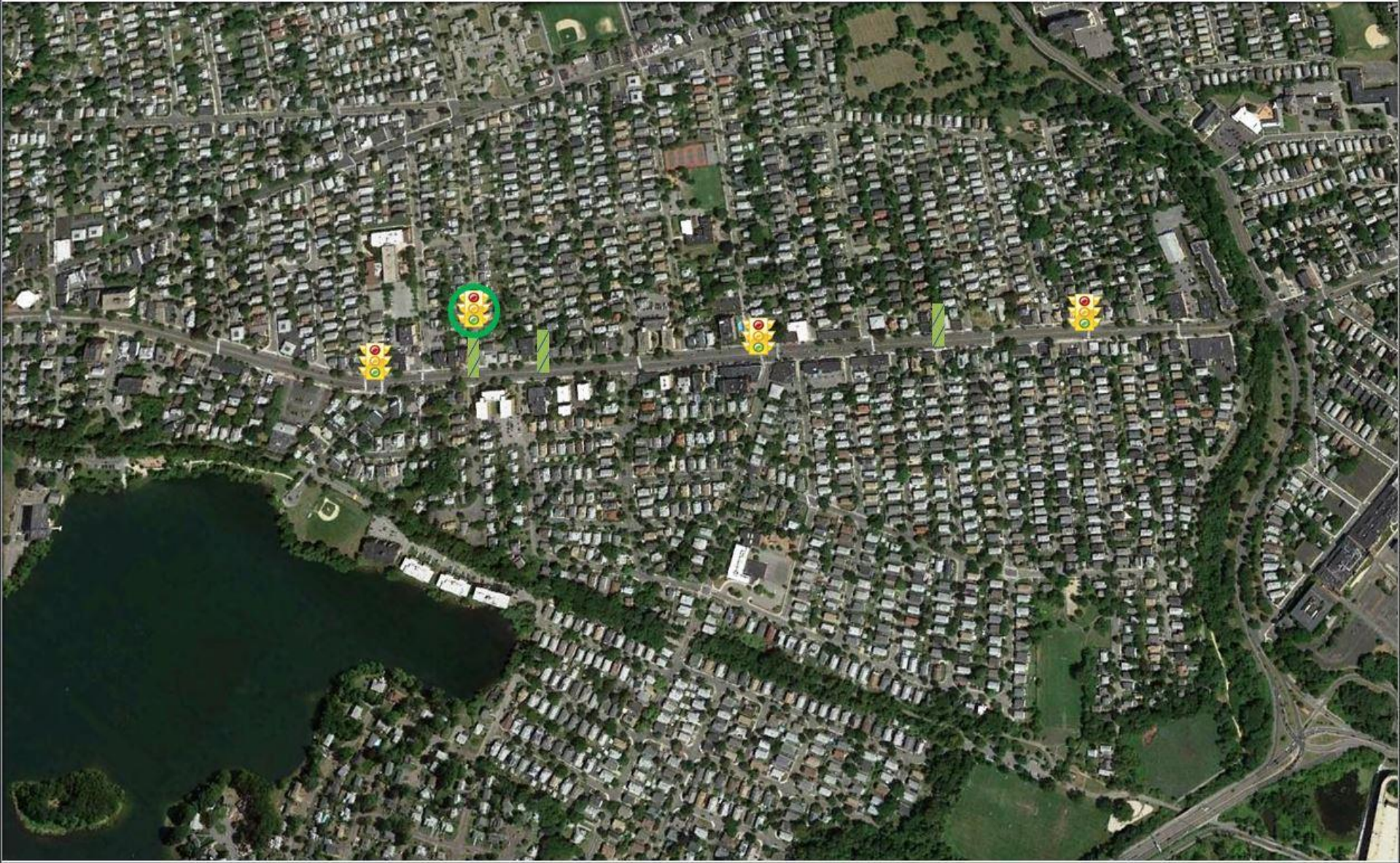


Pedestrian Safety

- A major goal of this project:
 - Reduction in cross-section and bump-outs to shorten crossing distance
 - New signals and signage
 - More and better crosswalks with highly reflective paint



New Crosswalks and Signals



What They Look Like:

- New signal at Bates Road
- Currently off
- Switched on once roadway matches
 - Fall, 2015



Project Timeline

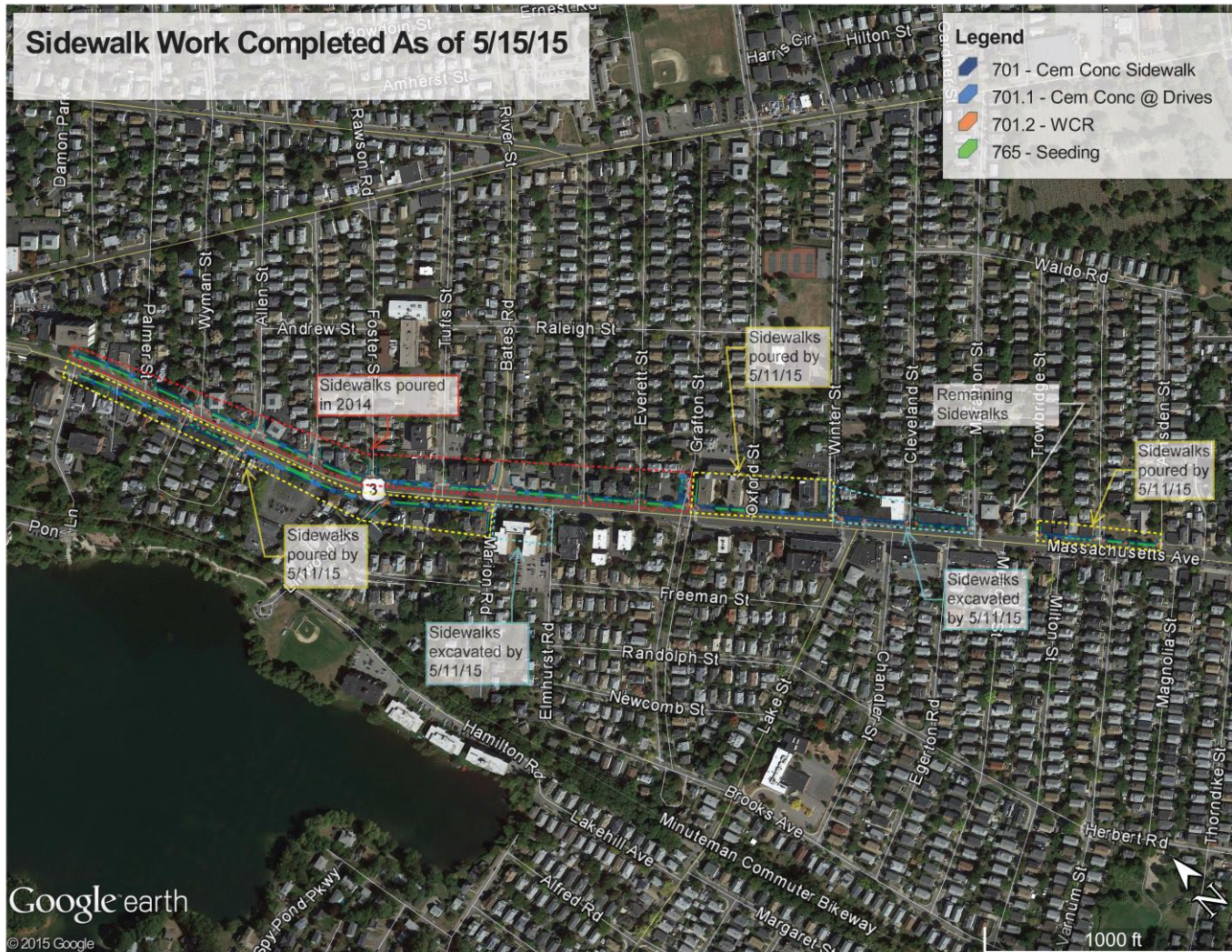
- Approx. 2 construction seasons:
 - One down
 - One to underway
- Full beneficial use:
 - Fall, 2015
- Full completion:
 - Spring, 2016
- Project is on time



Project Status

- Accomplished:
 - Tree protections/removals
 - Water and drainage work
 - Just under 50% of sidewalks
 - Signal installations
 - Light pole foundations and conduits
 - Bump-outs
- Ahead:
 - Complete sidewalks
 - Complete new signals
 - Complete lighting in Capitol Square
 - Repave and restripe road
 - Landscaping
 - Street furnishings

Limits of Sidewalk Completion



Upcoming Night Work

- Massachusetts Avenue repaving ahead
 - Late summer/early fall 2015
 - Nighttime operation to avoid travel impacts
 - SAMI (stress absorbing member interlayer) under layer lengthens pavement life



Paving Steps

1. Lower utility castings (daytime – approx. 2 weeks)
2. Milling (nighttime – approx. 1 week)
3. SAMI layer installed (nighttime – approx. 2 nights)
4. Leveling course (nighttime – approx. 2 nights)
5. Raise utility castings (daytime – approx. 2 weeks)
6. Finish course (nighttime – approx. 5 nights)
7. Striping & bicycle lane surface treatments (nighttime – approx. 1-2 weeks)

Open Questions

- Varnum Street bump-out:
 - Currently in design
 - Construction this season
- Premature sidewalk spalling:
 - Petrographic analysis underway
 - Project will not be accepted until all sidewalks meet specifications

**Arlington Massachusetts Avenue
Reconstruction Project**

Hydrant Removals and Resetting – Nighttime Work

MassDOT is in the process of reconstructing Massachusetts Avenue in Arlington. Late last fall and into the early winter of 2014, MassDOT's contractor for the project, J.H. Lynch was in the process of removing and resetting hydrants along Massachusetts Avenue. This operation was suspended due to weather and is now resuming.

The installation of new hydrants requires excavations in Massachusetts Avenue to bring down water services as much as four feet to the business and property owners. Night **8^{PM}**, and continue to Friday, May 8^{PM}. Hydrant excavations on Massachusetts Avenue and Cleveland Street from Massachusetts Avenue and Lake Street to Massachusetts Avenue and Egerton Road and 230 Massachusetts Avenue 172 Massachusetts Avenue on Friday night.



**Arlington Massachusetts Avenue
Reconstruction Project**

During the week of _____ your driveway will be removed and repaved as part of the Arlington Massachusetts Avenue Reconstruction Project. Driveway closures will begin _____ and approximately last until _____.



1. Remove existing driveway

Driveway surfaces will be safe to drive on but attempt to ensure a driving access as indicated by a secondary road by the contractor.

The project contractor will set up the work in the area under construction in accordance with the standard possible items including those using mobility devices. Arlington police have been notified.

If you would like to receive project updates and notifications via email, please visit www.mass.gov/build. To speak with the project's public relations specialist, contact Nathaniel Curtis at 617-482-7980 or nathaniel.curtis@dot.state.ma.us.

This flyer was left in _____.



**Arlington Massachusetts Avenue
Reconstruction Project**



MassDOT is in the process of reconstructing Massachusetts Avenue in Arlington. At present, the operation with the broadest public impact is sidewalk reconstruction. The sidewalks under construction are on the north (left when facing Cambridge) side of Massachusetts Avenue and west of the Capitol Square area. MassDOT and its construction team are aware that Massachusetts Avenue plays an important role in Halloween trick-or-treat and other activities. Here are a few general tips to ensure that a safe and happy time is had by all:

- Plan a route in advance
- Remember to bring a flashlight
- Don't wear costumes that cover your eyes
- Stay in a group
- Wear comfortable shoes

MassDOT and its contractor J.H. Lynch, Inc. have also taken project-specific steps to ensure Halloween on Massachusetts Avenue is safe and enjoyable:

1. A general clean up has been initiated to remove construction cones, caution tape and wooden forms around completed areas of new sidewalks.
2. Any areas of sidewalk under construction with wooden forms in place will be highlighted with paint and protected by caution tape.
3. Sidewalks that are curbing and equipment in construction areas will be marked off with barrels and caution tape.
4. MassDOT and the project team ask that everyone please avoid the construction area on Graham Street.
5. Construction equipment and curbing concrete should not be defaced. Arlington Police Officers will be present around the construction area throughout the night.

Thank you and Enjoy!



If you would like to receive project updates and notifications via email please visit: www.arlingtonma.gov/updatesandbuild. To speak with the project's public involvement specialist please contact Nathaniel Curtis at 617-482-7980 or nathaniel.curtis@dot.state.ma.us.



Civic Engagement

- 3-week look-ahead emails
- Flyers for specific operations or events
- Response to citizen inquiries
- Briefings to:
 - Capitol Square merchants
 - Low vision seniors
- Public information meetings:
 - June, 2014
 - May, 2015

Questions?

- *Please sign up for Arlington email notifications.*
- *www.arlingtonma.gov/massaverebuild.*
- For questions and comments:
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