

Huron Avenue Reconstruction

Community-wide Meeting #4

11/1/12



CITY OF CAMBRIDGE
COMMUNITY DEVELOPMENT DEPARTMENT

Environmental & Transportation Planning

and

CAMBRIDGE
DEPARTMENT
OF PUBLIC
**THE
WORKS**

<http://huronavenue.info>

Introduction

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Engineering Project Manager

Department of Public Works

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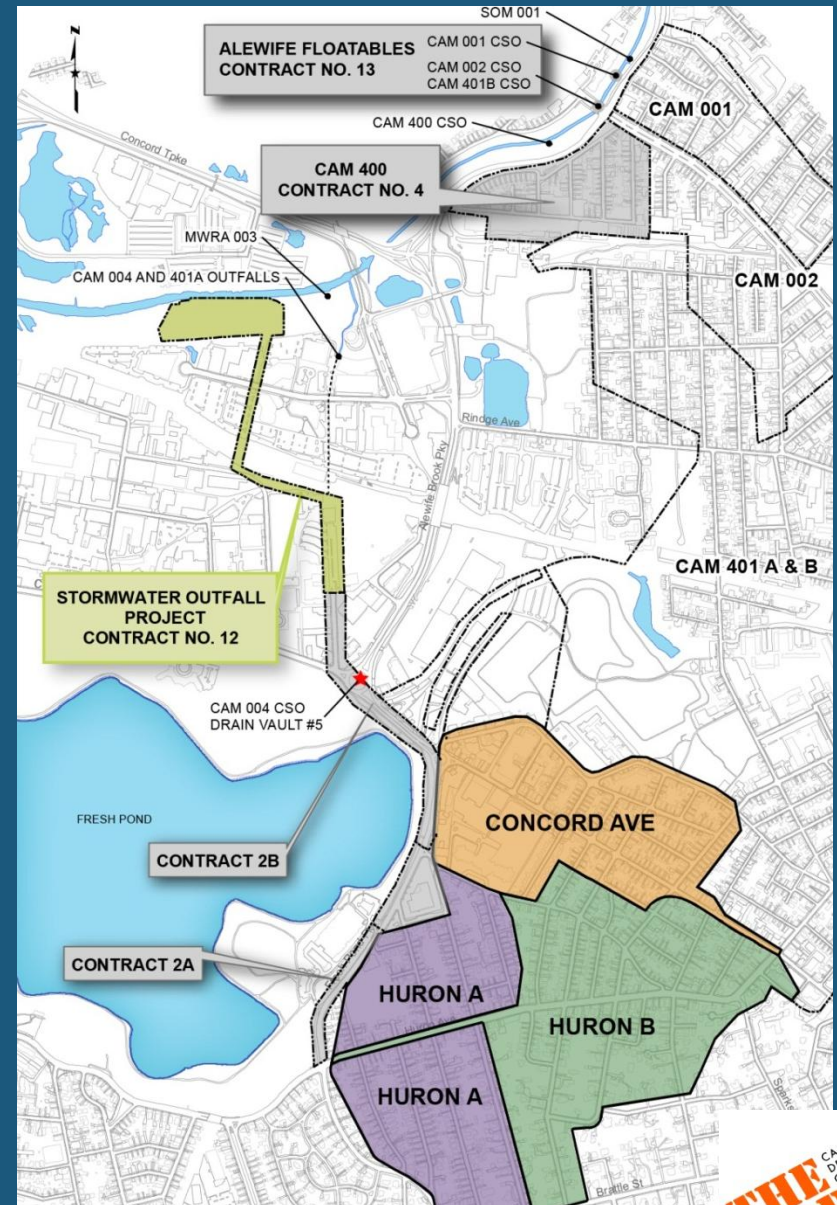
kfalise@cambridgema.gov

Agenda

- Welcome / Project Overview (15 min)
- Review Huron Avenue redesign recommendations (15 min + 5 min Q&A)
- Presentation of landscape design concepts (15 min + 5 min Q&A)
- Options for Lakeview signal (10 min + 20 min Q&A)
- Feedback session: Break-out groups (30 min)

Alewife Brook Sewer Separation Project

- Court-ordered clean up of Boston Harbor requires implementation of the Long Term Control Plans for Combined Sewer Overflow (CSO) for Alewife Brook
- Opportunity for improved neighborhood infrastructure

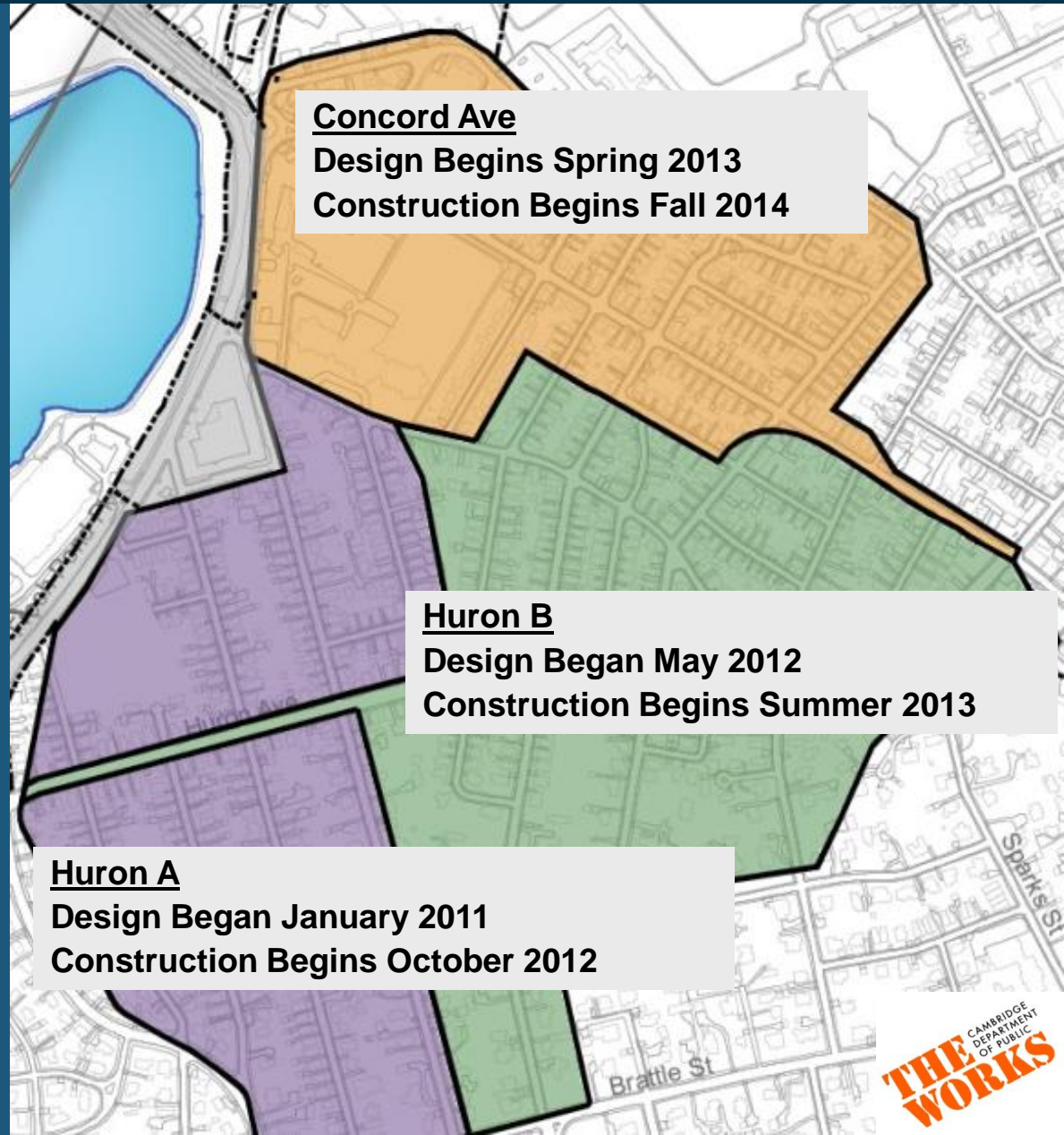


Huron/Concord Project Areas

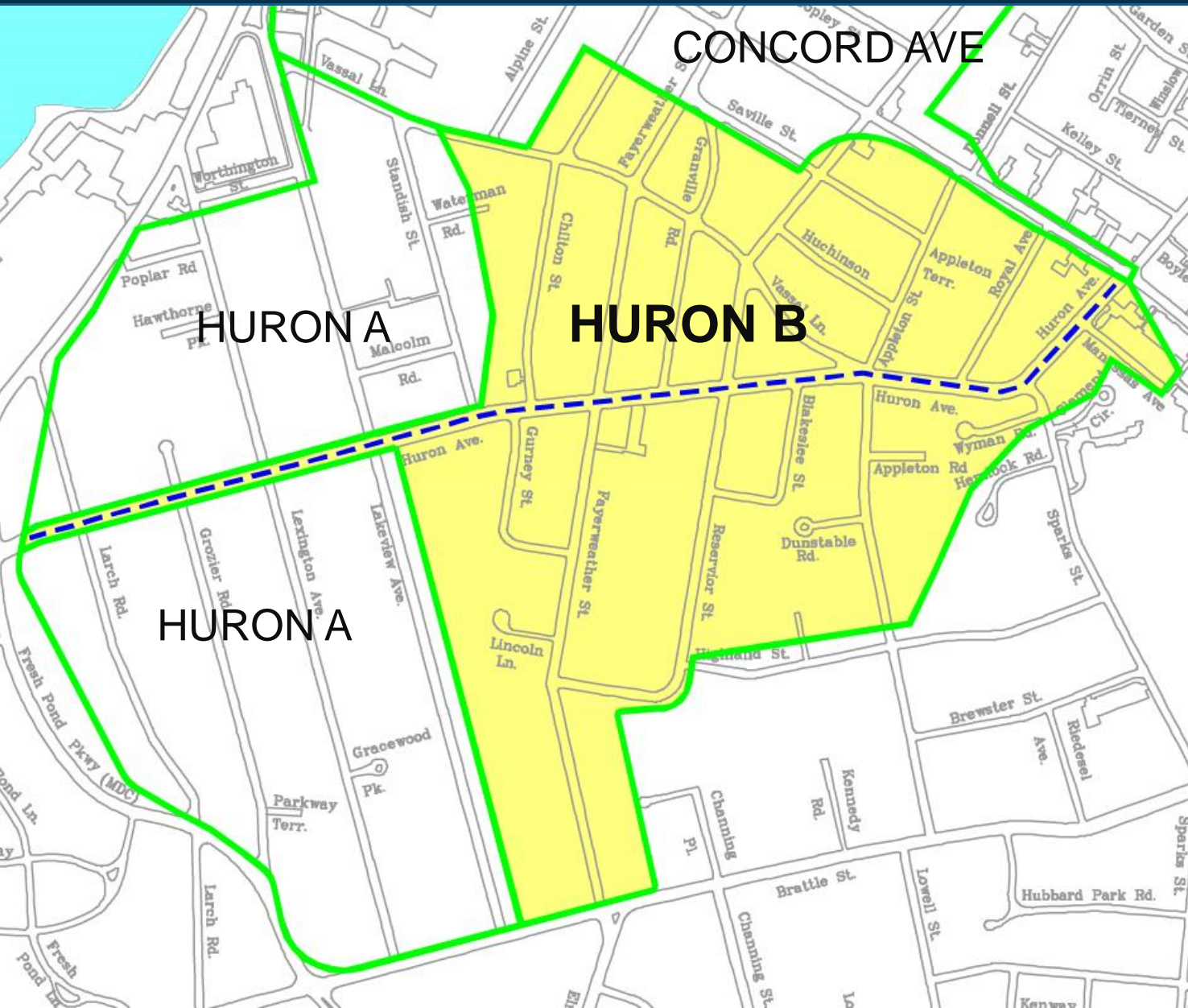
- Sewer Improvements on all 3 contracts to be complete by December 2015
- Surface restoration complete by 2016




Sewer Separation Will:

- Eliminate CSOs from this neighborhood
- Improve stormwater quality discharges to Alewife Brook
- Marginal improvement on local flooding



Huron B Project Area



-  Huron Ave. Project Area
-  Contract Limits
-  Huron B Contract area

Surface Redesign Community Process

Jeff Rosenblum, PE

Environmental & Transportation Planning
Community Development Department

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Surface design: project goals

Safety

- Ensure safety for all users (walking, biking, transit, driving)
- Design for safe traffic speeds

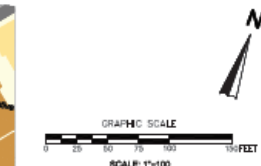
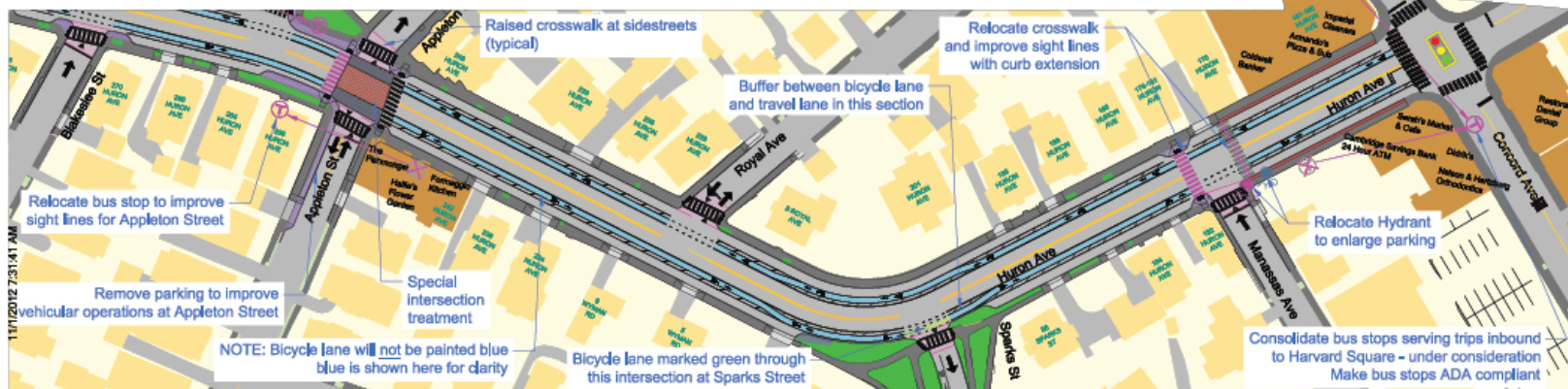
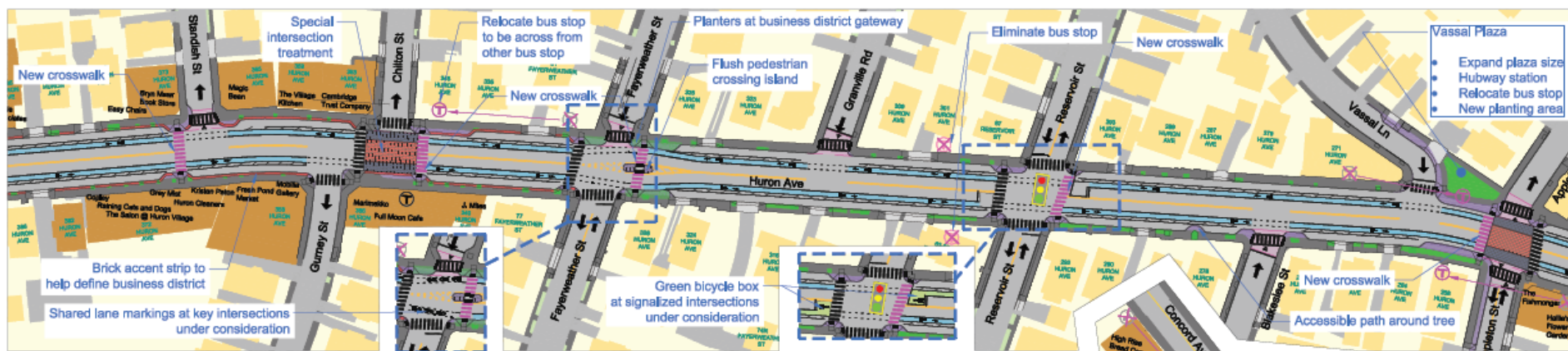
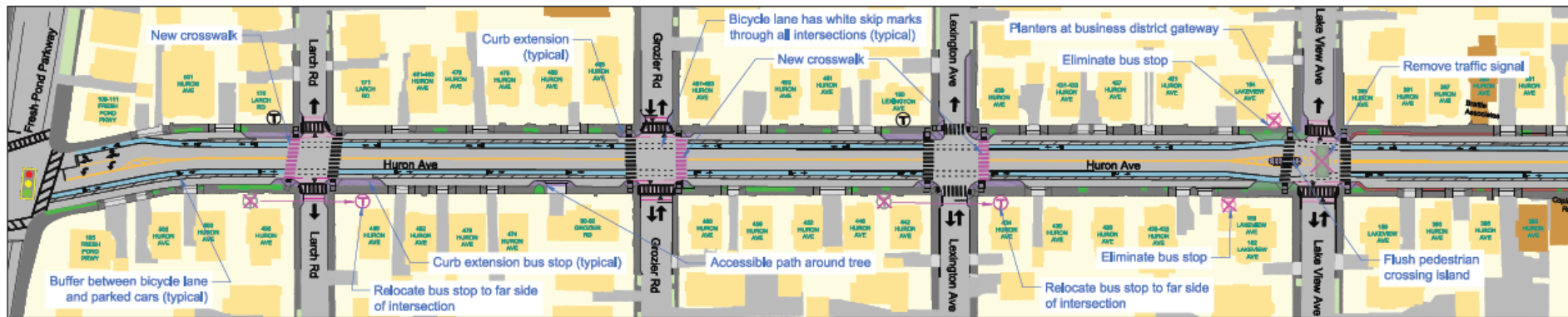
Mobility

- Provide access for persons with disabilities *
- Improve conditions for walking, bicycling, and transit riders
- Consider traffic flow and parking

Urban Design

- Reinforce residential character
- Enhance business district character
- Improve trees/ landscaping

Conceptual design options handout

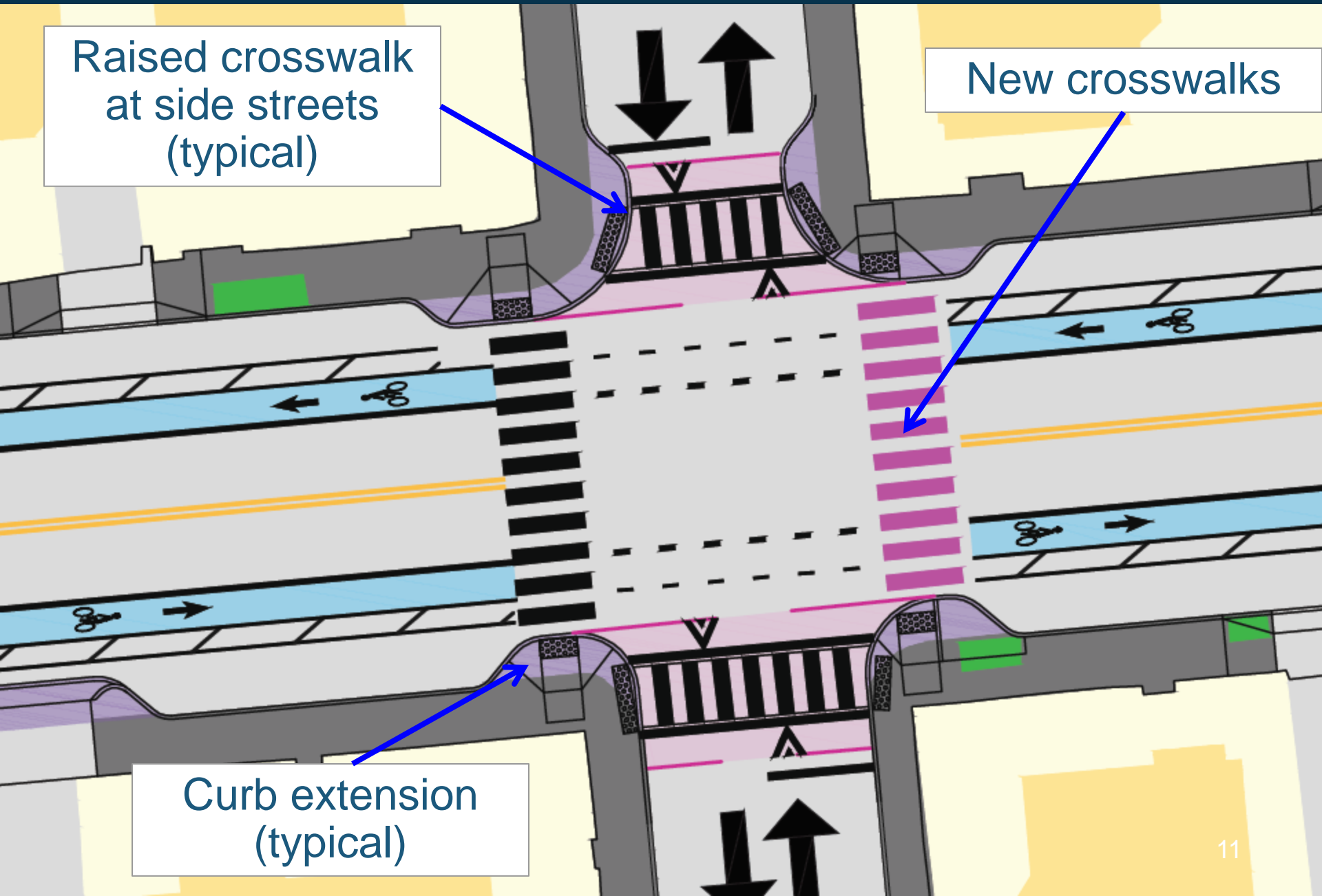


NOTE: This plan only reflects the conceptual design proposal for Huron Avenue. It does not reflect the conceptual design proposal for the Huron B sidestreets.

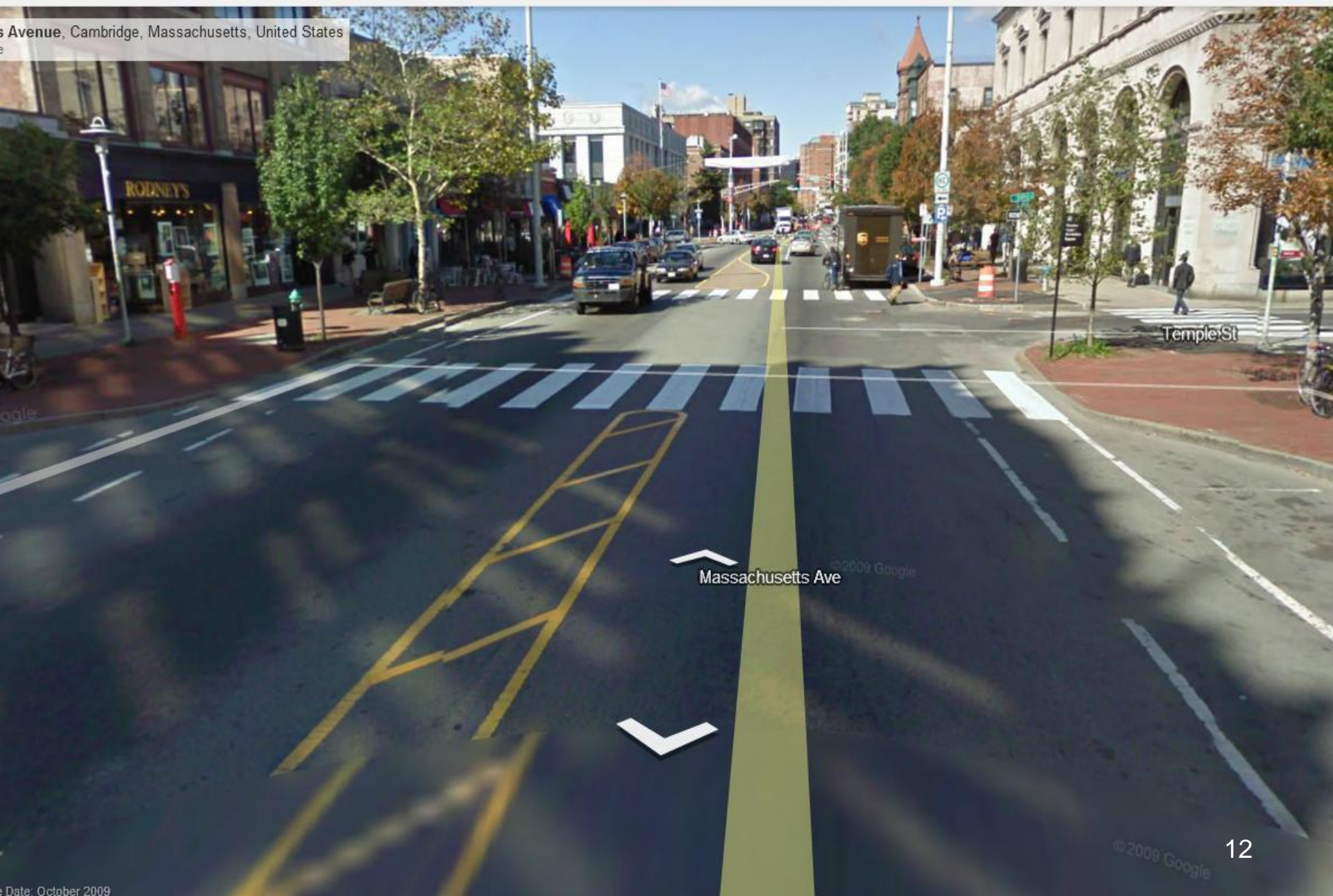
For more information please visit:
<http://huronavenue.info>
<http://cambridges.gov/heworks/huronB>

Pedestrian safety improvements

Typical intersection detail



Curb extension example



Raised side-street crosswalk example



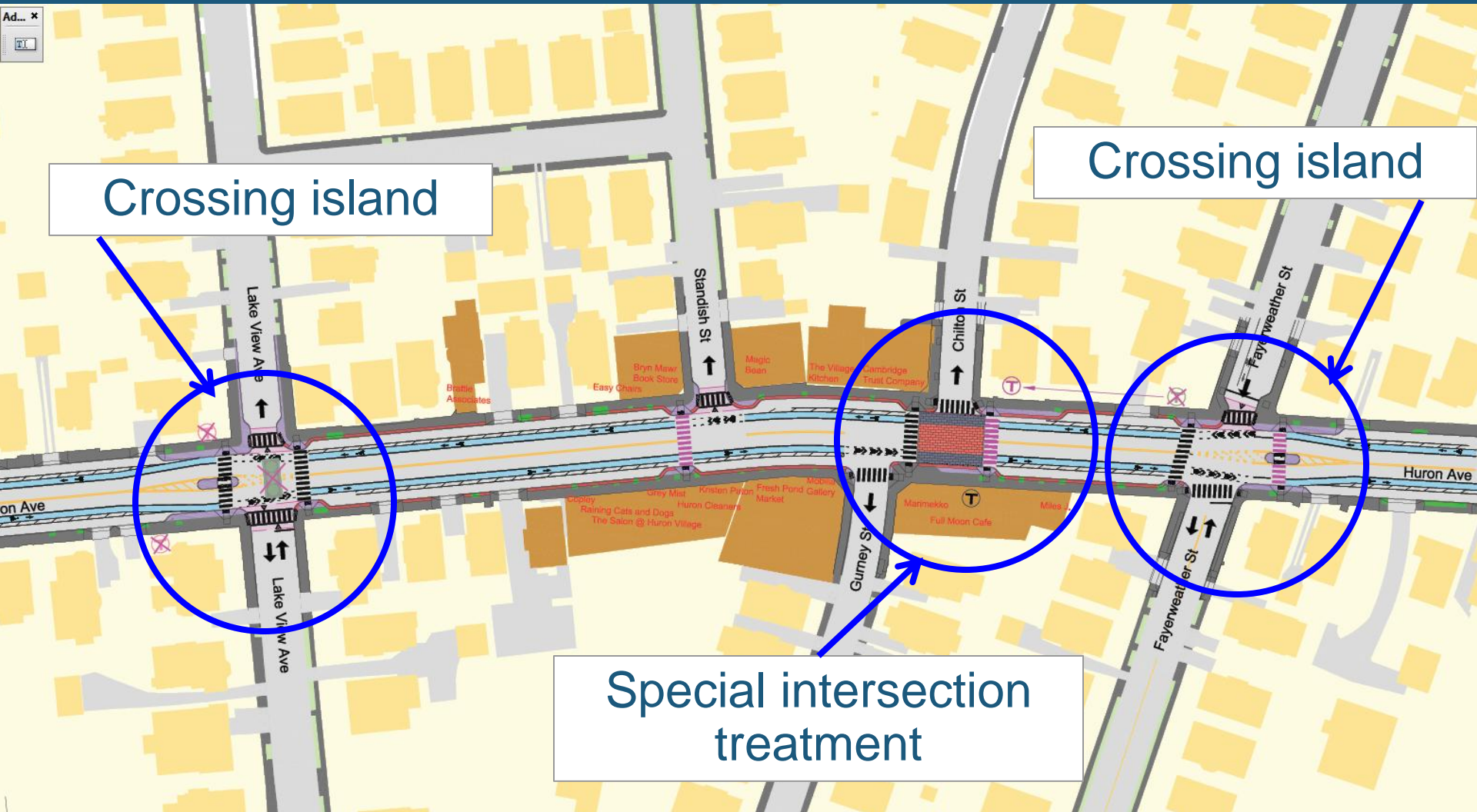
Raised side-street crosswalk example



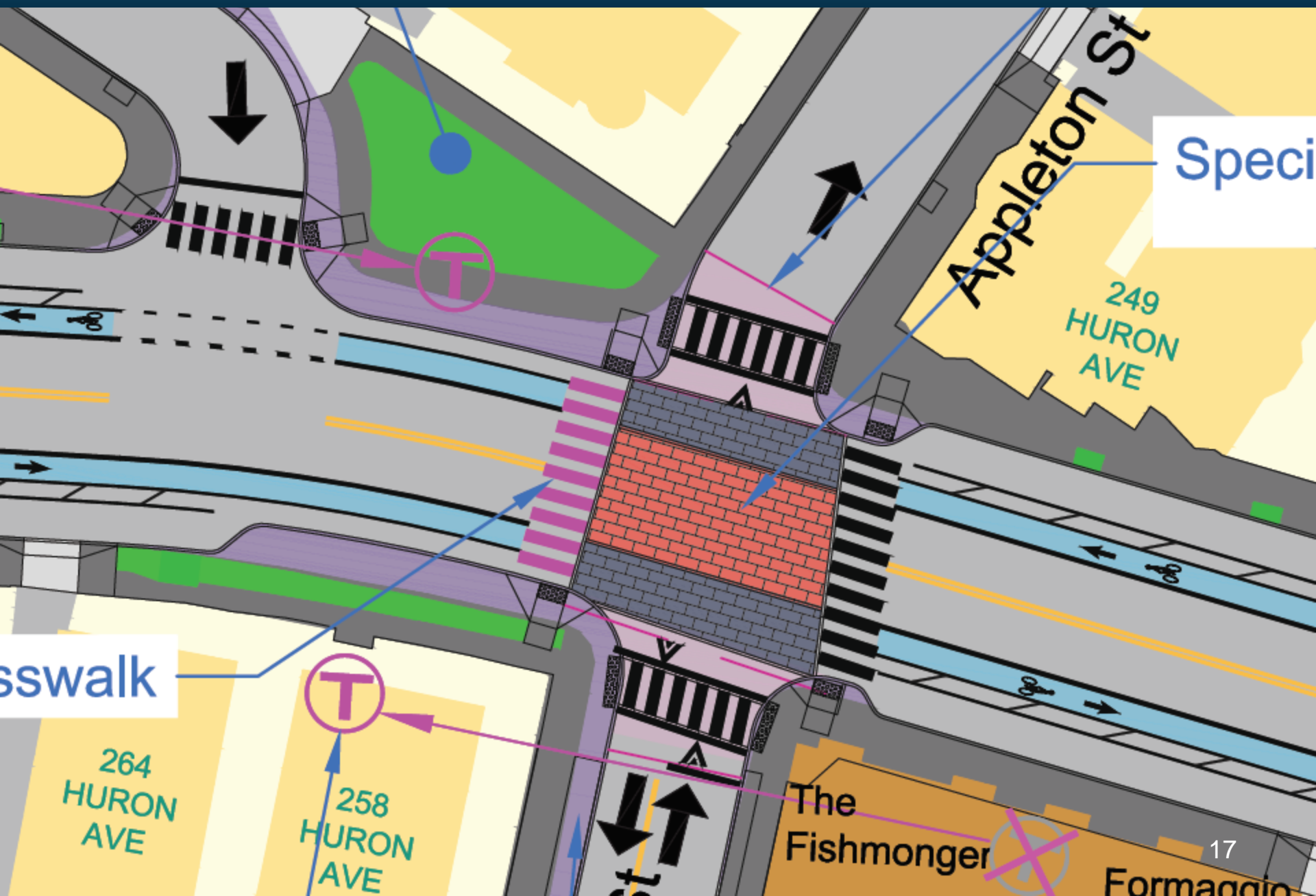
Accessible path around trees



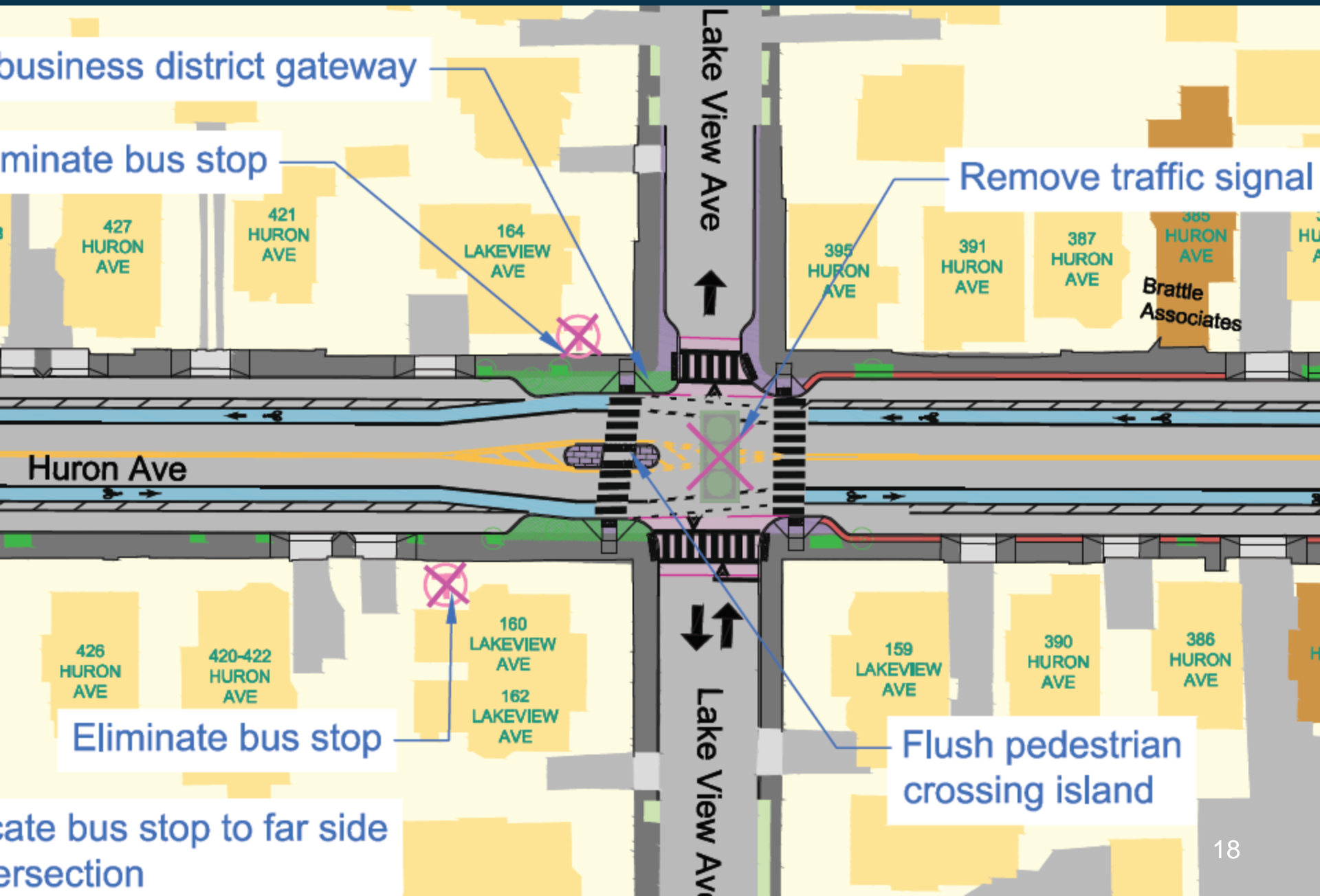
Crossing improvements / gateway



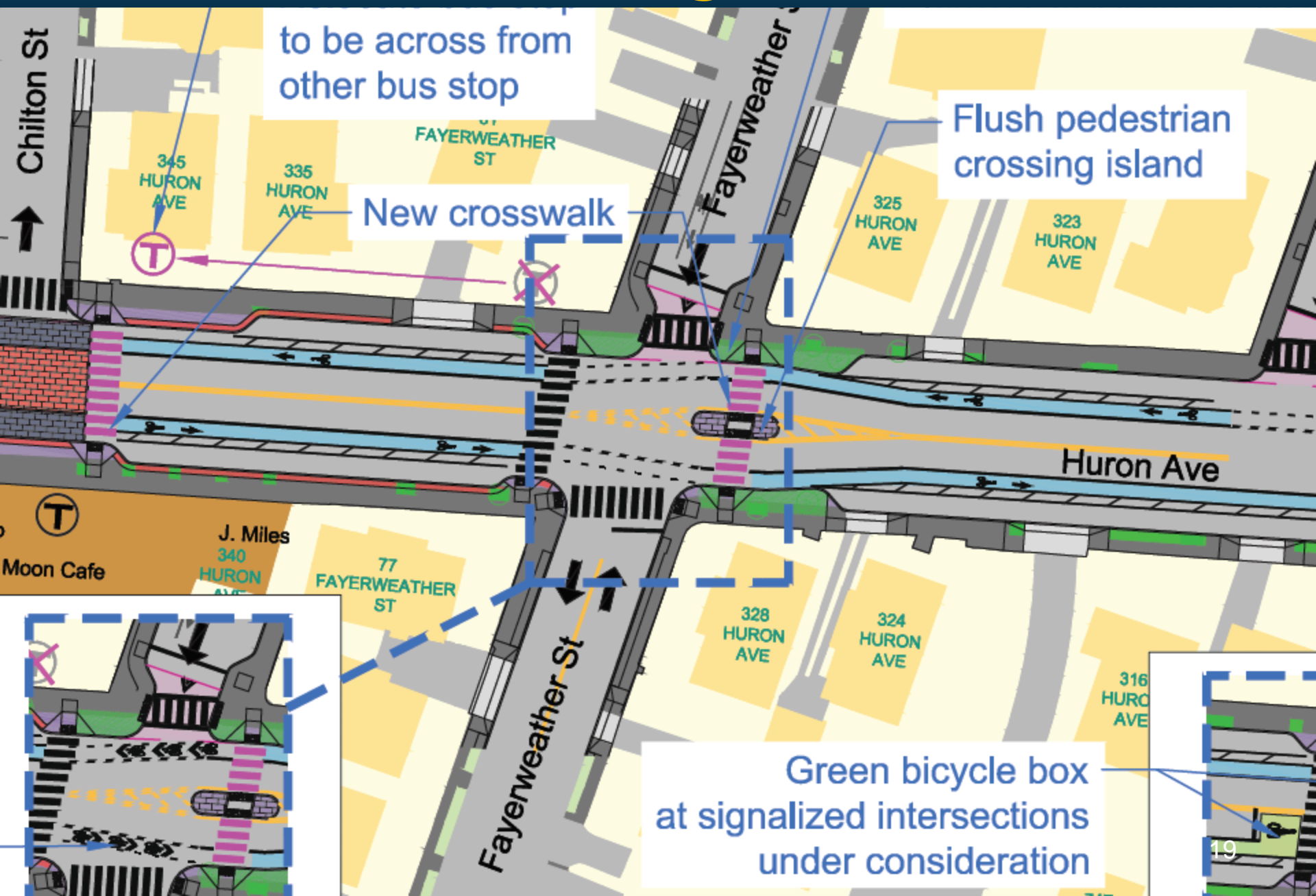
Appleton Improvements



Lakeview signal removal/ crossing island



Fayerweather crossing island



Crossing island example (Sparks)



Bicycle safety improvements

Existing conditions



12.5' travel

5' bicycle lane

8' parking

9' sidewalk

Buffered bicycle lane

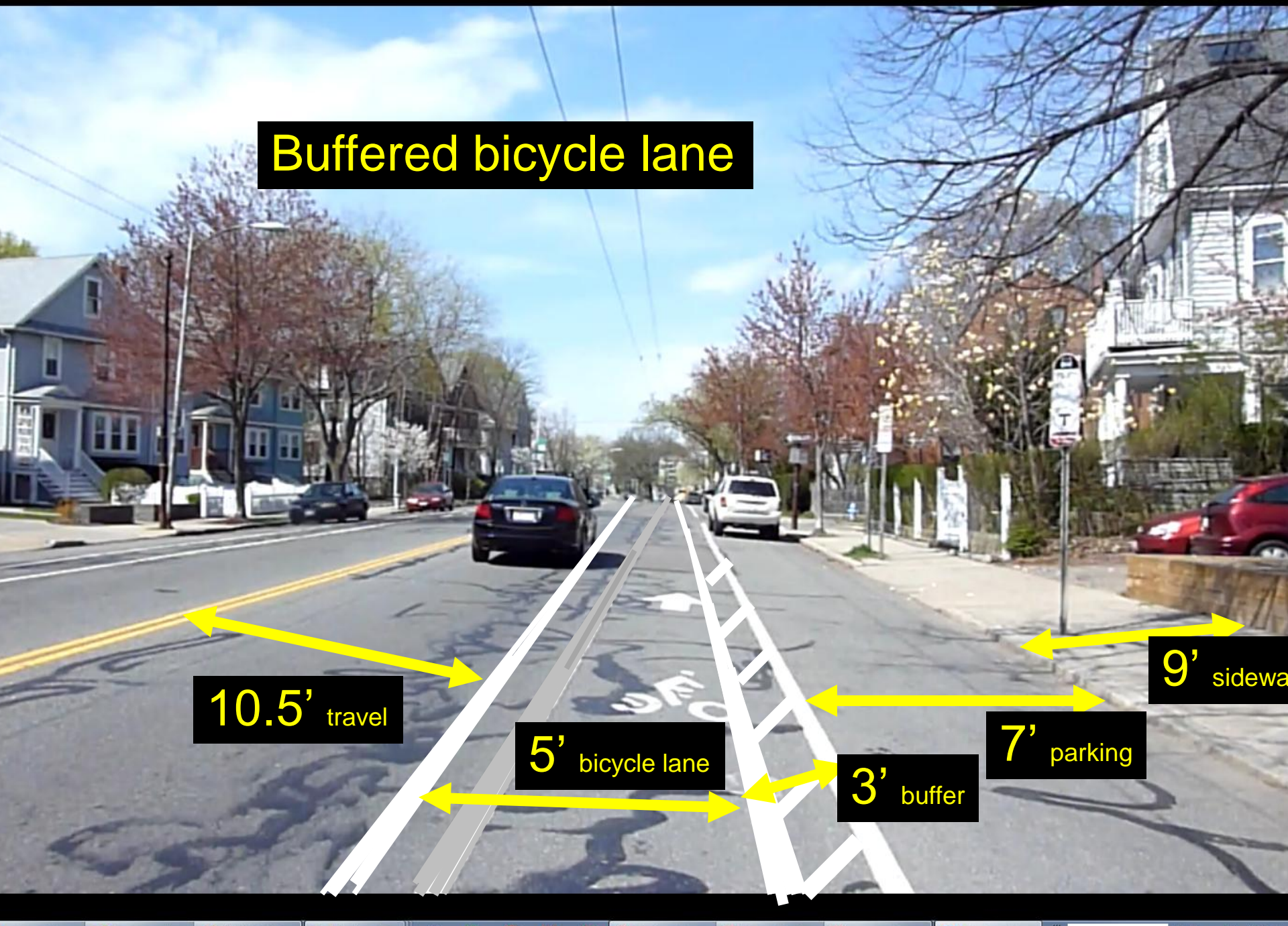
10.5' travel

5' bicycle lane

3' buffer

7' parking

9' sidewalk

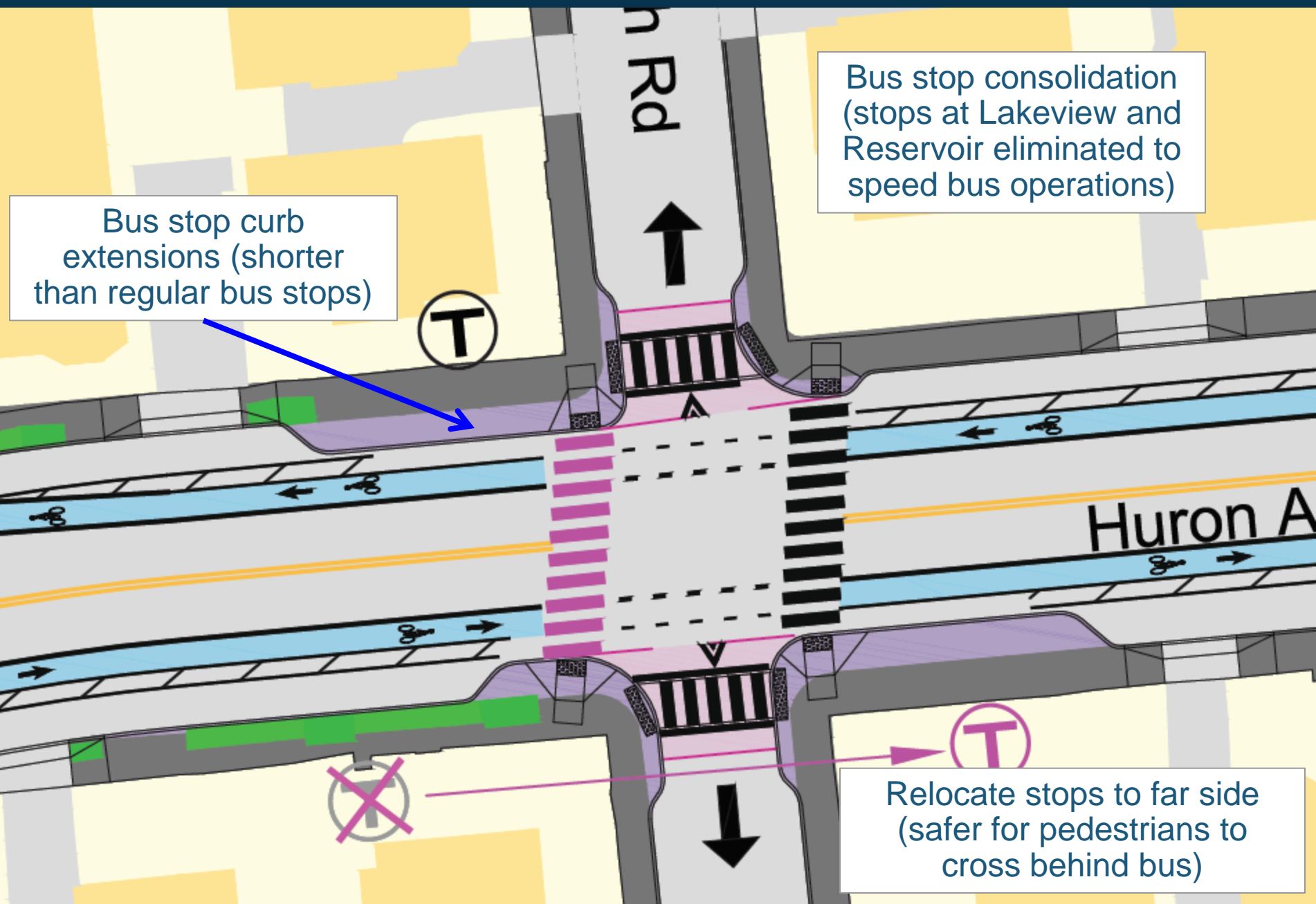


Bus stop improvements

Bus stop curb extension (Cambridge Street)



Bus stop improvements



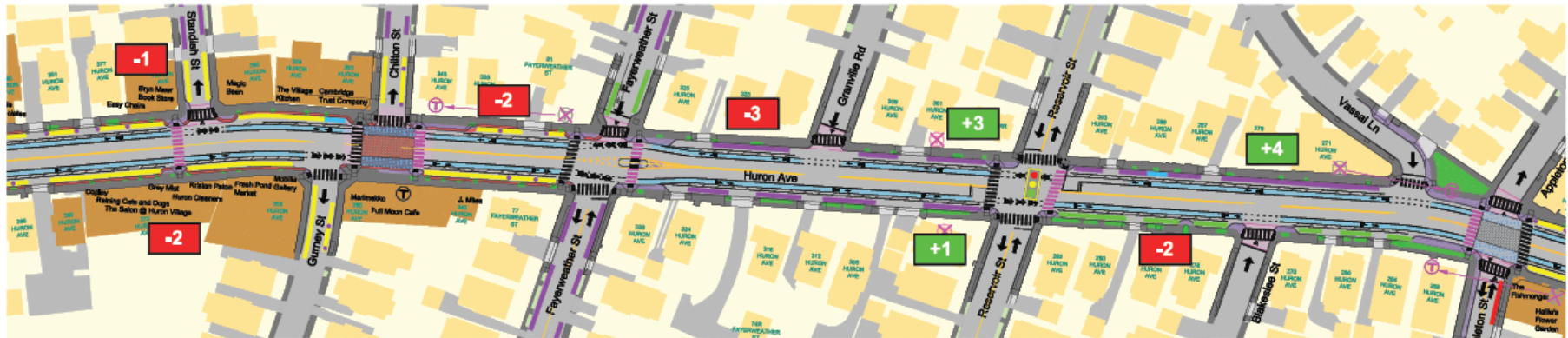
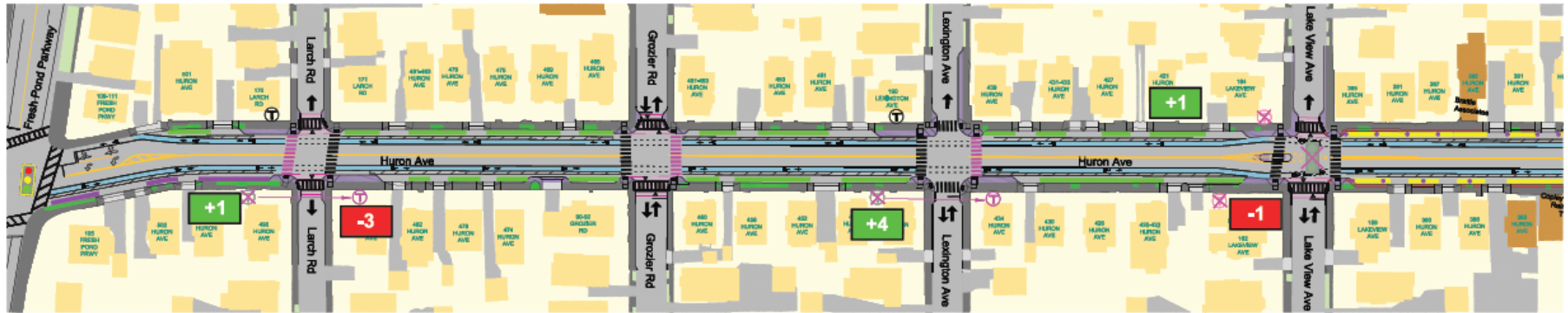
Parking

Parking impact study

HURON AVENUE - CONCEPT DESIGN

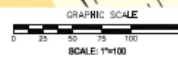
Proposed Parking Plan

NET CHANGE IN PARKING SPACES



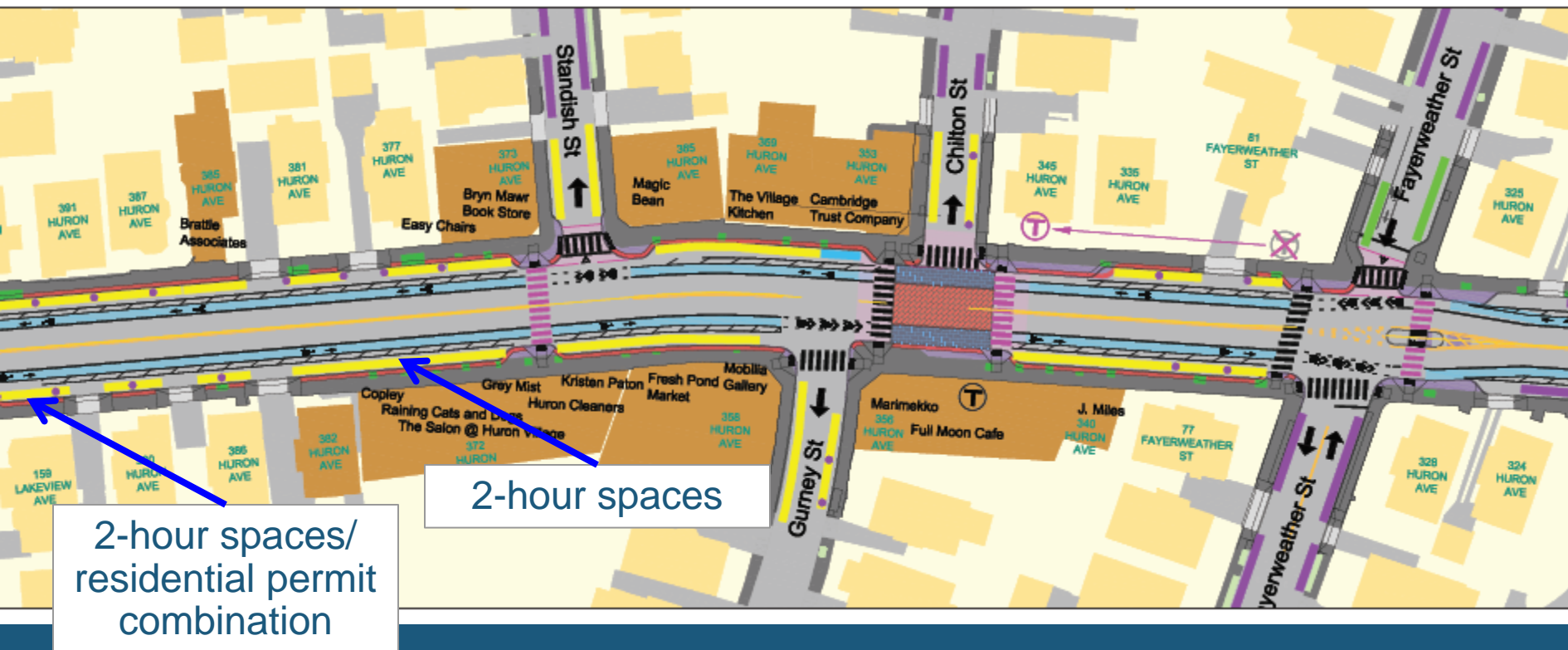
PARKING SPACES ON HURON AVENUE	EXISTING	PROPOSED
NET CHANGE IN PARKING ON HURON AVENUE	209	207
NET CHANGE IN PARKING ON HURON AVENUE		-2 SPACES
NET CHANGE IN PARKING ON HURON AVENUE AND NEARBY SIDESTREETS		-6 SPACES

- LEGEND**
- UNREGULATED PARKING
 - MBTA BUS STOP
 - DISABILITY PARKING
 - LOADING ZONE
 - PERMIT PARKING EXCEPT SUNDAYS
 - 1 OR 2 HOUR RESTRICTED PARKING
 - 1/2 HOUR PARKING OR PERMIT PARKING
 - 2 HOUR METERED PARKING 8AM-6PM EXCEPT SUNDAYS

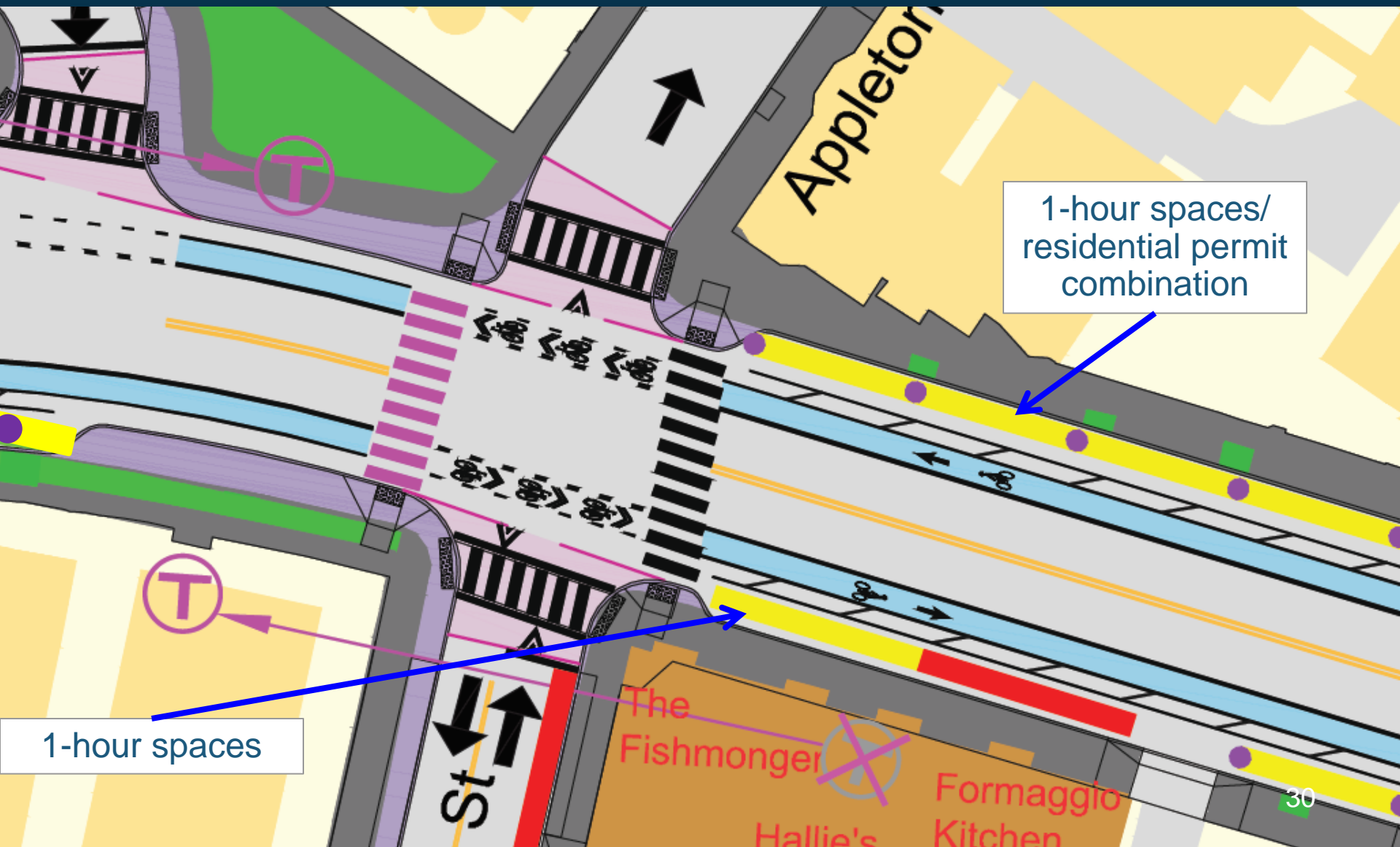


10/30/2012 2:32:26 PM

Business parking: Net gain of 30 2-hr spaces (formerly unrestricted or residential permit only)



Business parking



Q & A

Landscape Design concepts

Mary Webb

Landscape Architect

Crosby | Schlessinger | Smallridge

Central Business District



Central Business District

Goals for Central Business District:

- Reinforce the sense of identity and character of the area
- Enrich the pedestrian experience
- Improve safety and accessibility for all users
- Enhance location as a stopping place along Huron Avenue for shopping, eating, and interacting with community



Gateways

Use paving, plantings, curb neck downs and crossing island to mark entry into Central Business District



Lakeview Ave. Gateway



Fayerweather St. Gateway



Street Trees



Back of sidewalk tree program



Small Scale Plantings

Planters

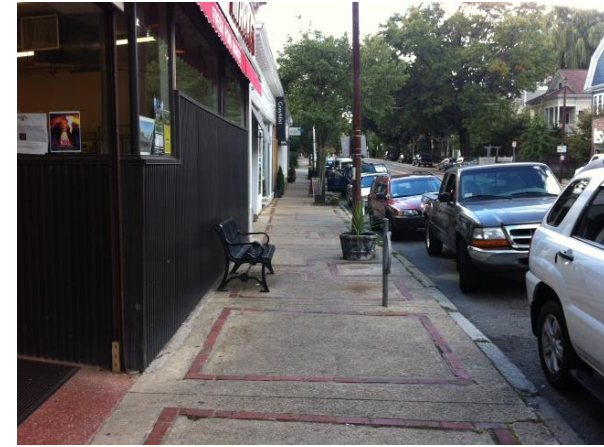


Tree Pit Plantings



Seating

Bench Locations



Bench Types



Paving

Concrete walkway with brick accent strip



Bike Racks & Trash Receptacles

- Bike Racks



- Trash Receptacles



Vassal Lane Plaza



Vassal Lane Plaza Concept



Q & A

Lakeview Signal







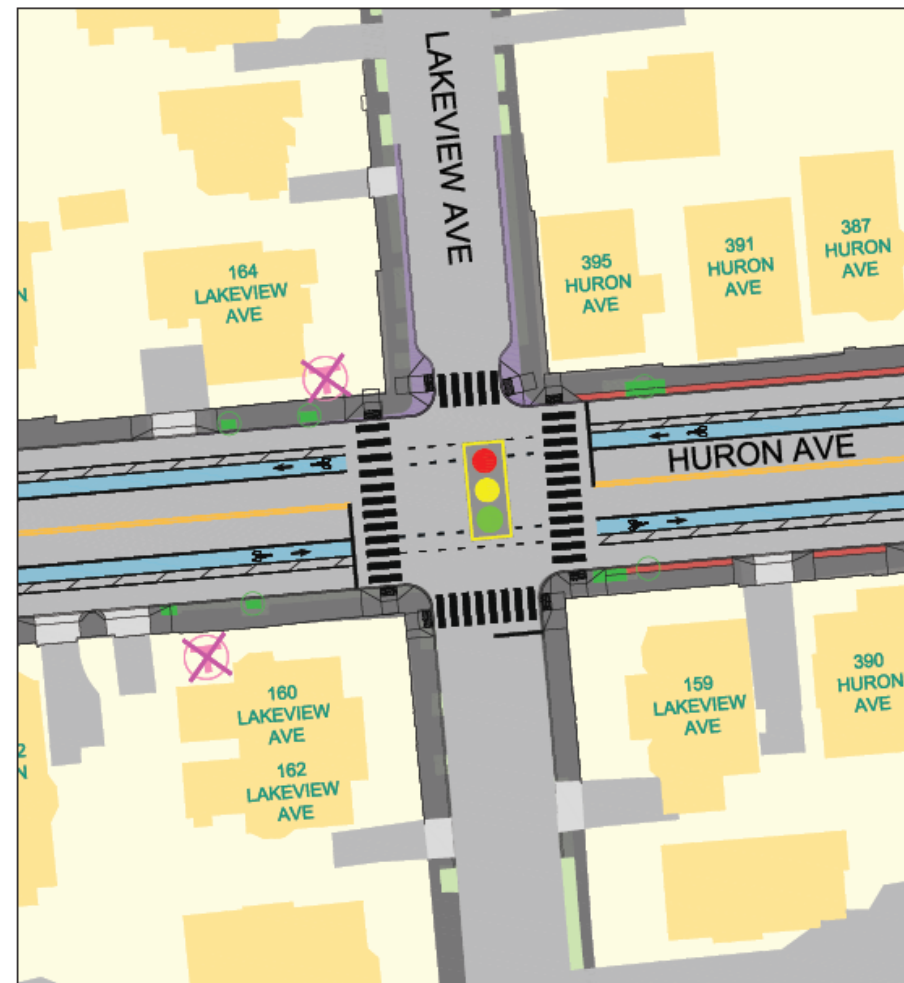
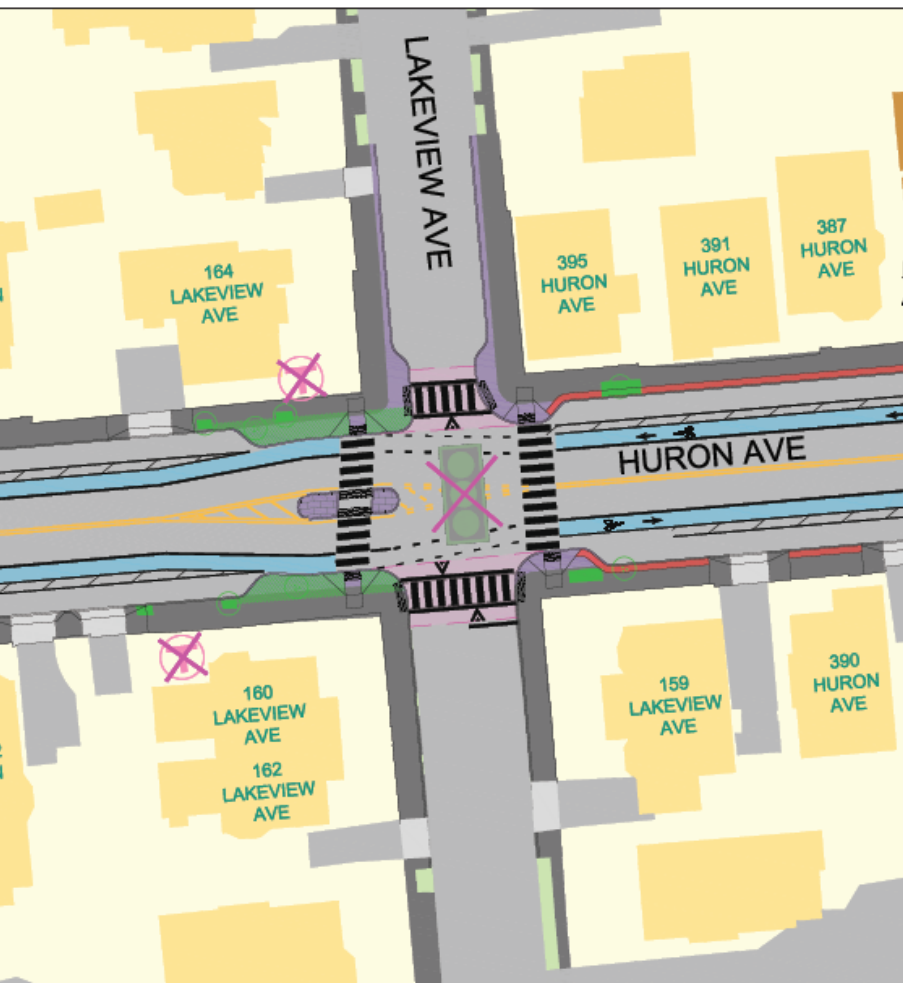
Issues

- Safety
 - Vehicle conflicts with each other
 - Speeding vehicles
 - Pedestrian crossing the street
- Motorist delay
 - During PM peak, concerns with turning from side-streets onto Huron Avenue, availability of gaps

Two options

HURON AVE, CAMBRIDGE, MA - TRAFFIC SIGNAL OPTIONS AT LAKEVIEW AVE

11/1/2012 HDR ENGINEER





Using the intersection:
Crossing Huron Ave:

Lakeview

am

pm

90

70

25

15

Gurney/Chilton

am

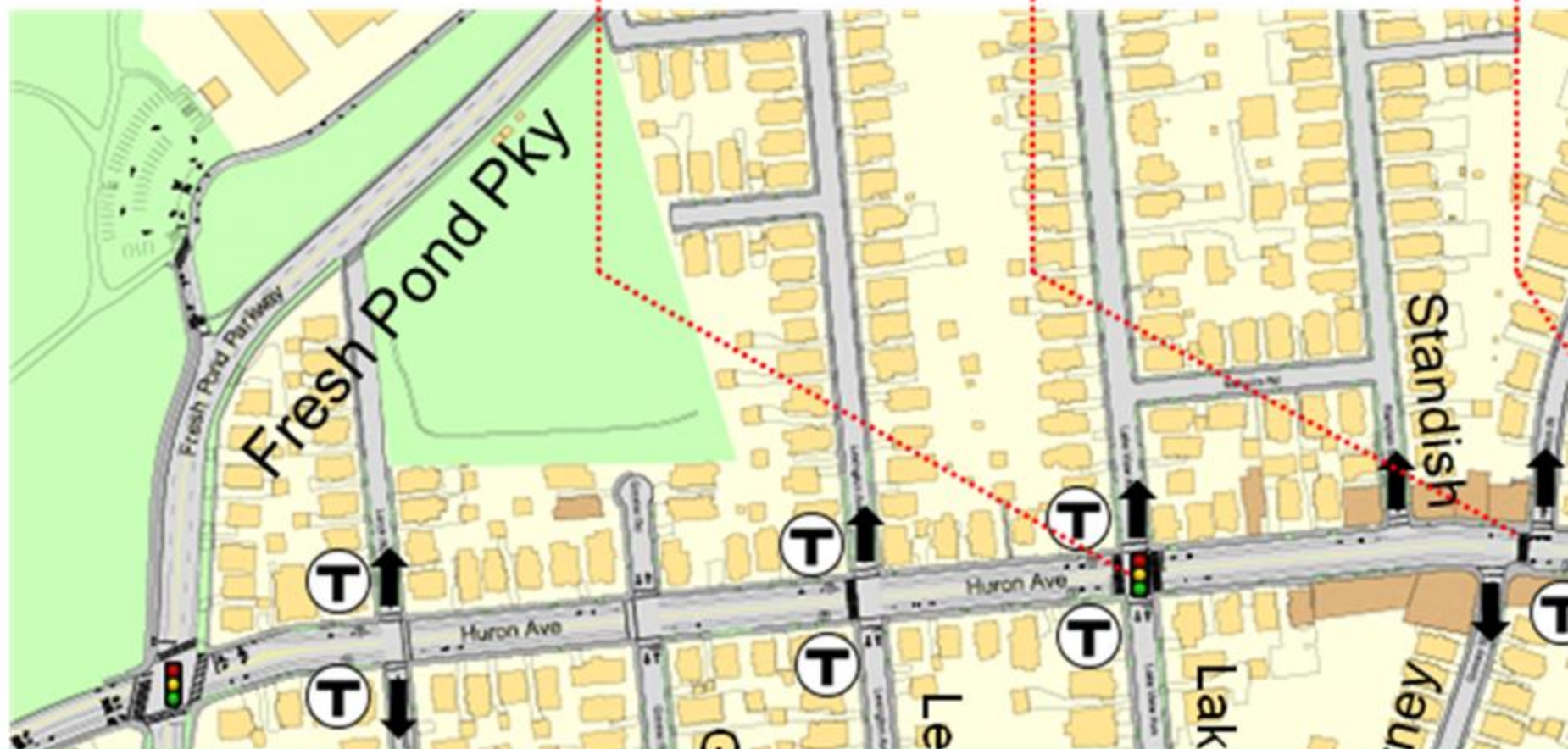
pm

80

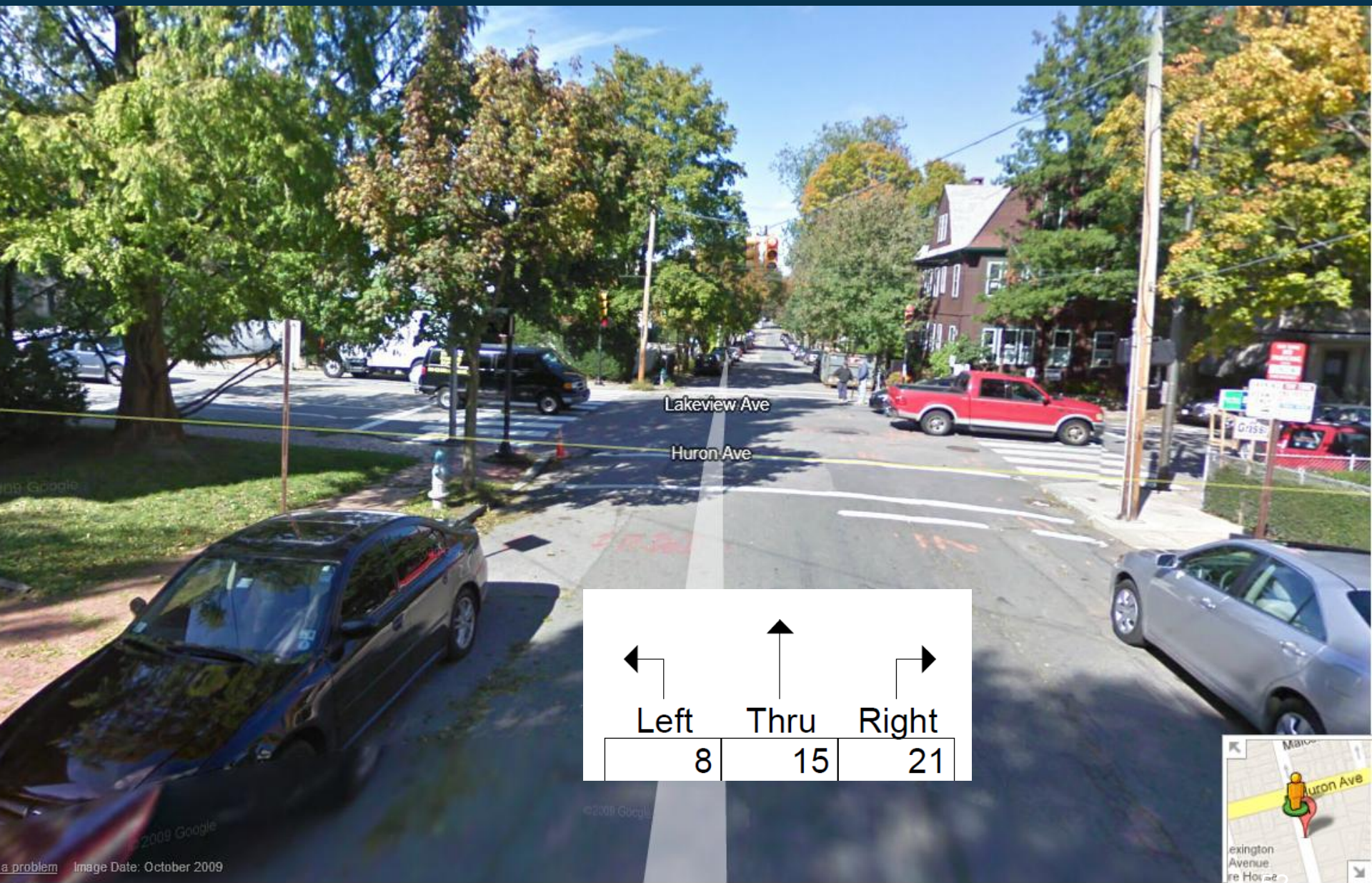
115

25

75

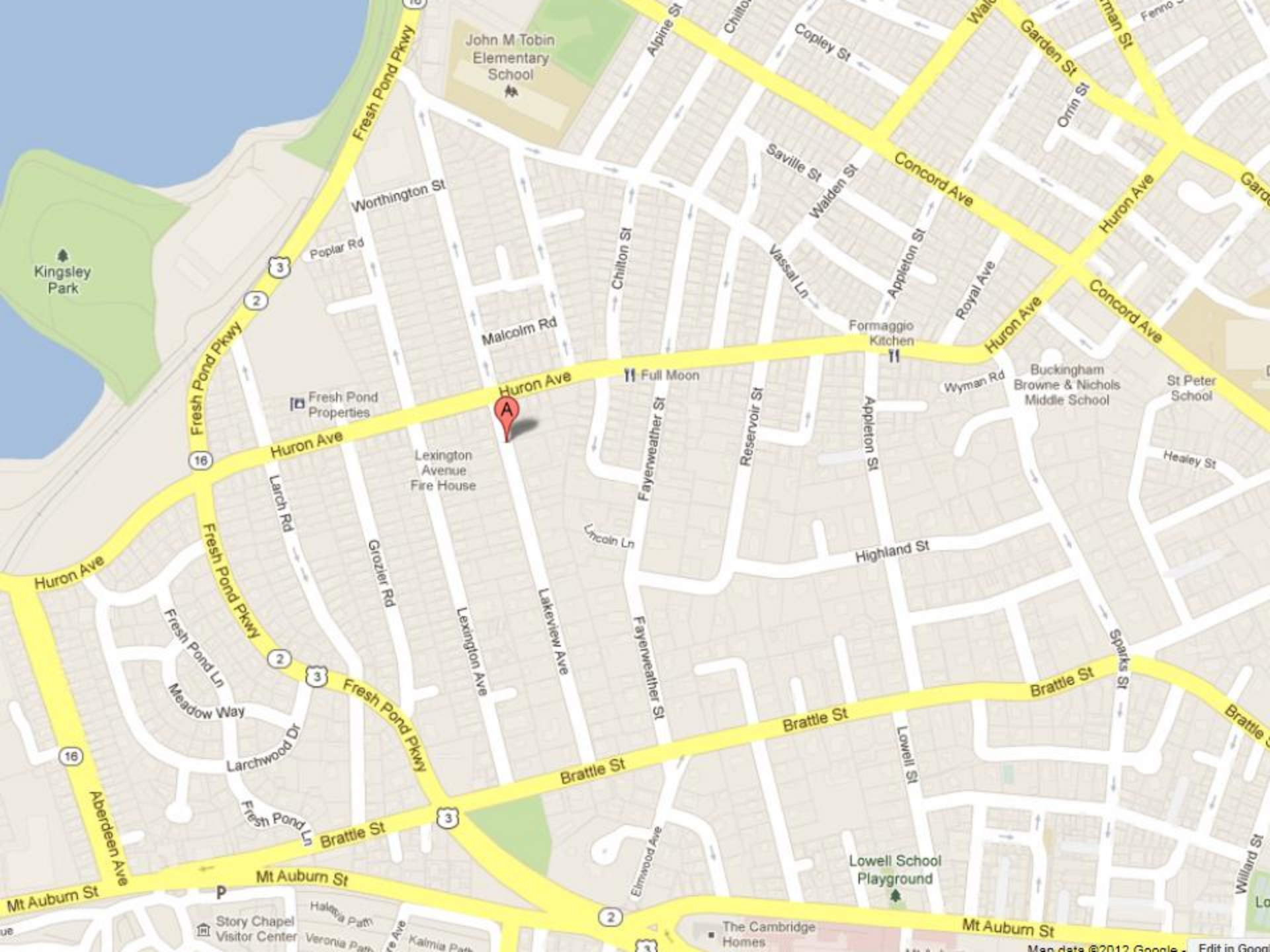


Morning Peak



Evening Peak





John M Tobin
Elementary
School

Kingsley
Park

Fresh Pond
Properties

Lexington
Avenue
Fire House

Buckingham
Browne & Nichols
Middle School

St Peter
School

Lowell School
Playground

The Cambridge
Homes

Story Chapel
Visitor Center

Next Steps

KyAnn Anderson
Kleinfelder

617.498.4708
KAnderson@kleinfelder.com

Huron Avenue Next Steps

May 2012	#1 Introduction
June 2012	#2 Public input
Sep. 2012	#3 Conceptual design options presented, feedback solicited
Oct. 2012	Tree walk
Nov. 2012	#4 Conceptual design finalized
Mar. 2013	Utility companies begin pre-construction work
Apr. 2013	#5 Open house showing final engineering design
Jul. 2013	Kick-off meeting; construction begins
Nov. 2015	Construction is completed

Community Input

Break out session (30 minutes)

1. Each group will provide feedback on the proposed conceptual design options (what you like, concerns you have)
2. Document key points on paper as a group
3. Fill out comment form either on paper or online <http://huronavenue.info>

Contact

- **Questions, Comments or Suggestions**
 - **Jeff Rosenblum, Huron Avenue project**
jrosenblum@CambridgeMA.gov
 - **Kara McSweeney Falise, Huron B Side Streets**
kfalise@CambridgeMA.gov
 - **KyAnn Anderson, Community Relations Manager**
kanderson@kleinfelder.com
- **24-Hour Emergency Assistance**
Cambridge DPW at 617-349-4800
- **Information on City Web Site**
 - <http://huronavenue.info>
 - <http://cambridgema.gov/theworks/HuronB>