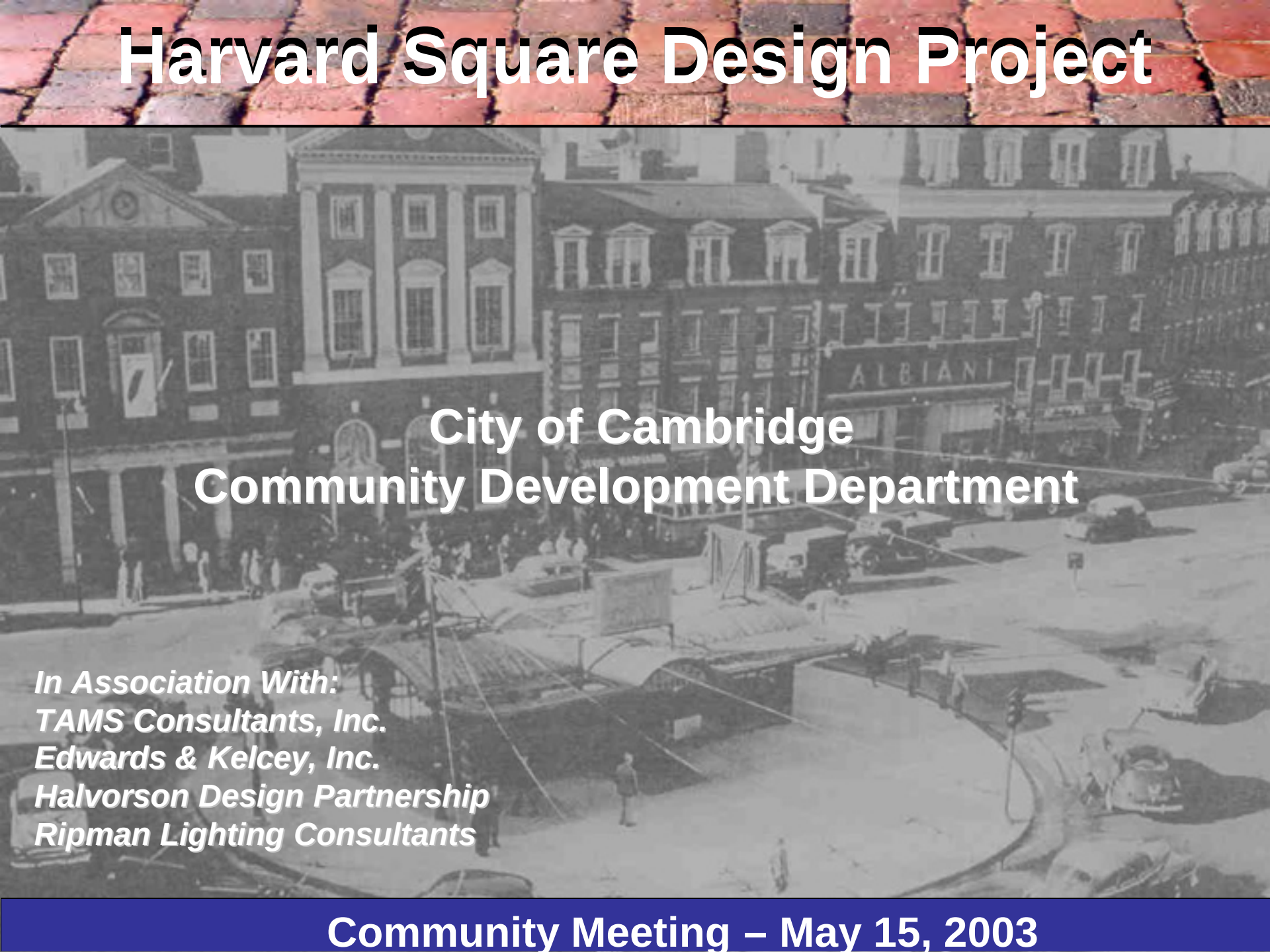
Harvard Square Design Project



City of Cambridge
Community Development Department

In Association With:
TAMS Consultants, Inc.
Edwards & Kelcey, Inc.
Halvorson Design Partnership
Ripman Lighting Consultants

Community Meeting – May 15, 2003

AGENDA

1. *INTRODUCTIONS / PROJECT BACKGROUND*
2. *TRANSPORTATION IMPROVEMENTS*
3. *PLAZA IMPROVEMENTS*
4. *BREAK*
5. *SMALL GROUP DISCUSSIONS*
6. *REPORTING BACK*

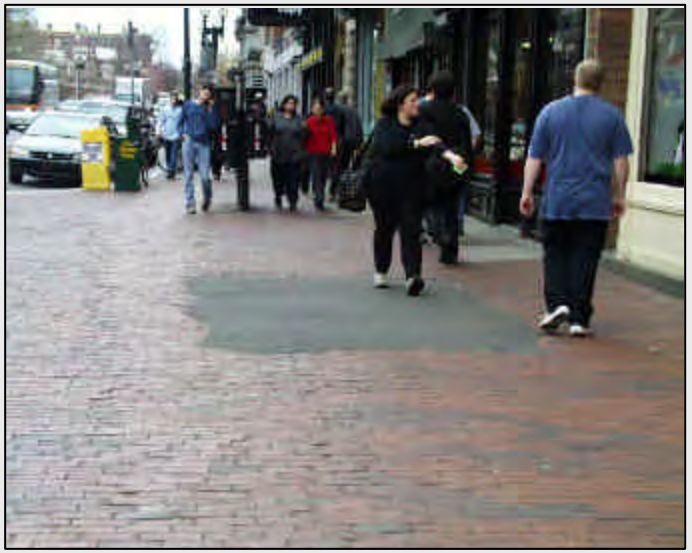
HARVARD SQUARE DESIGN COMMITTEE

- *16 MEMBERS*
- *BUSINESSES*
- *RESIDENTS*
- *INSTITUTIONS*
- *HARVARD UNIVERSITY STUDENT*
- *CITY STANDING COMMITTEES*

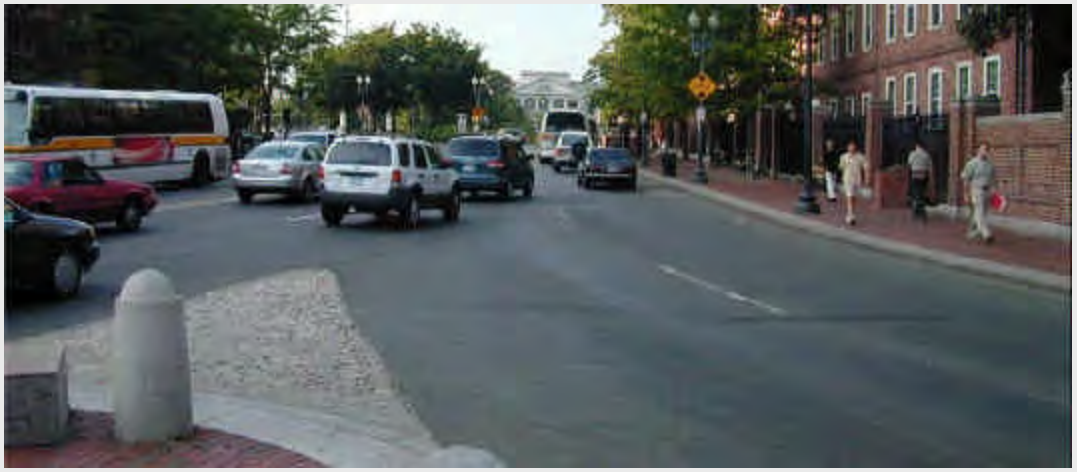
SCHEDULE

- *COMMITTEE BEGAN MEETING IN APRIL 2002*
- *1st COMMUNITY MEETING (TRANSPORTATION) NOVEMBER 21, 2002*
- *2nd COMMUNITY MEETING (PLAZAS) MAY 15, 2003*
- *COMMUNITY OPEN HOUSE - WINTER 2003*
- *CONSTRUCTION - SUMMER/FALL 2004*

BASIC INFRASTRUCTURE IMPROVEMENTS

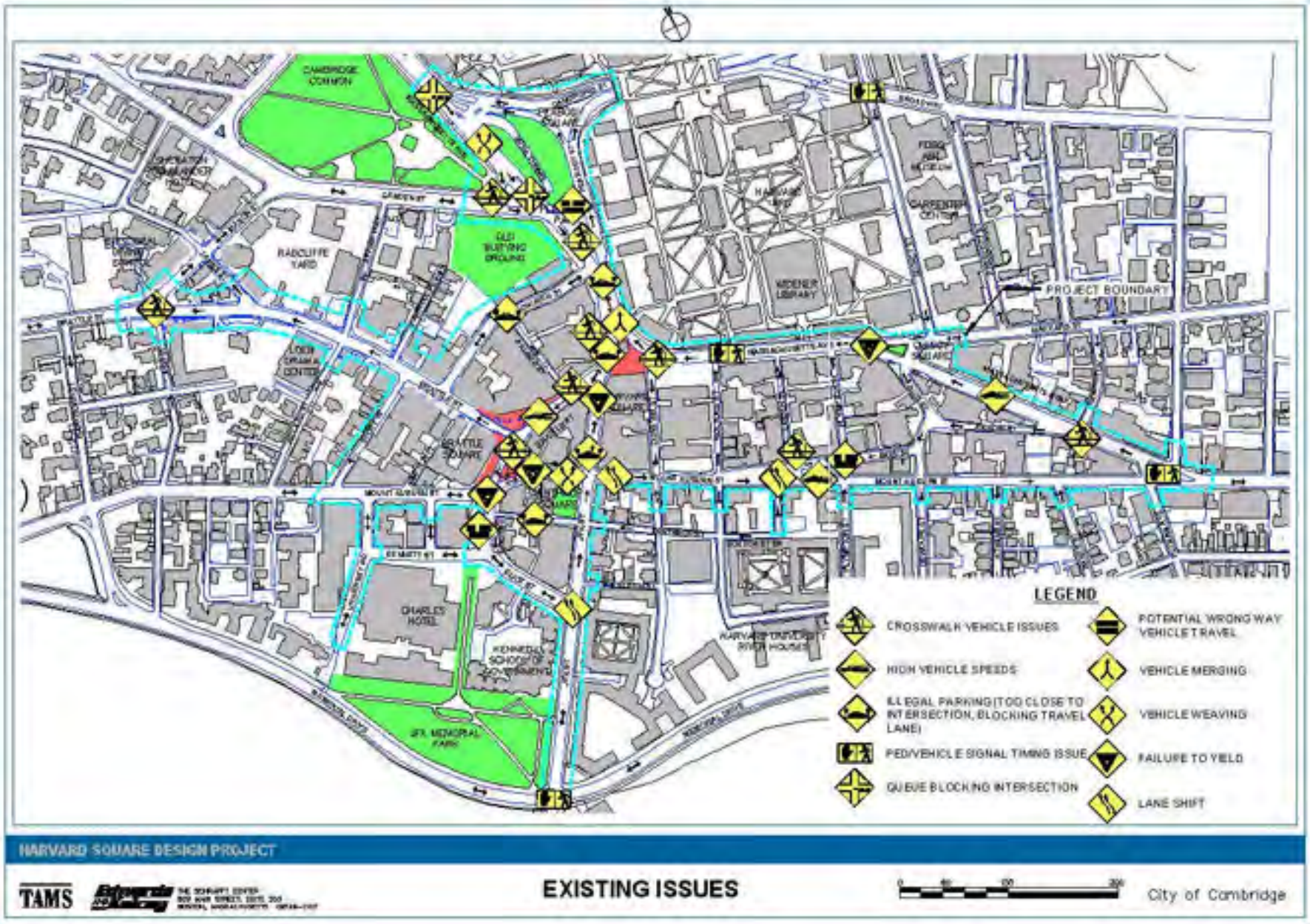


OPPORTUNITY: ENHANCE THE SQUARE FOR ALL USERS



PROJECT AREA

EXISTING ISSUES



HARVARD SQUARE DESIGN PROJECT

TAMS

EXISTING ISSUES

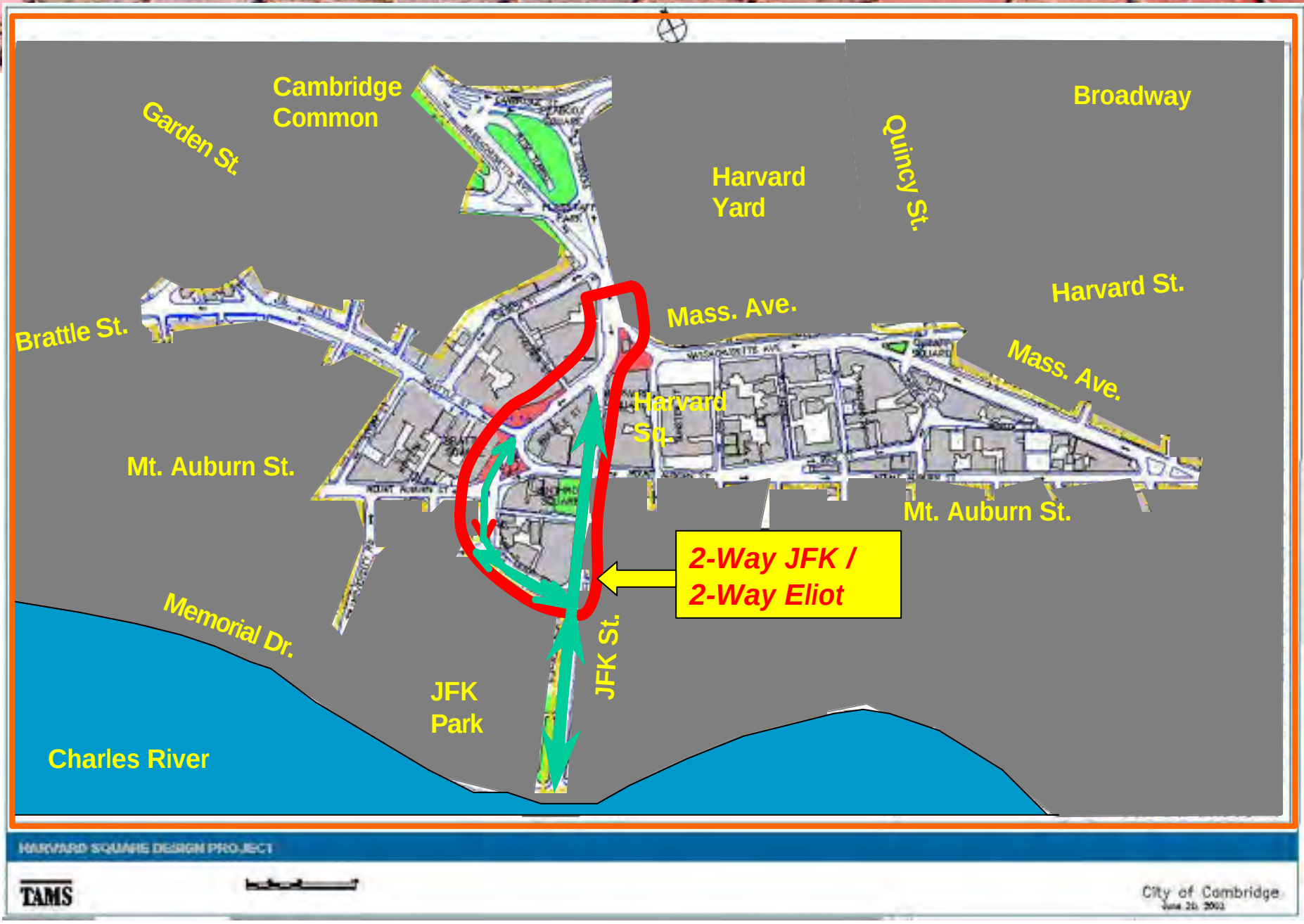
City of Cambridge

TRANSPORTATION - RECAP

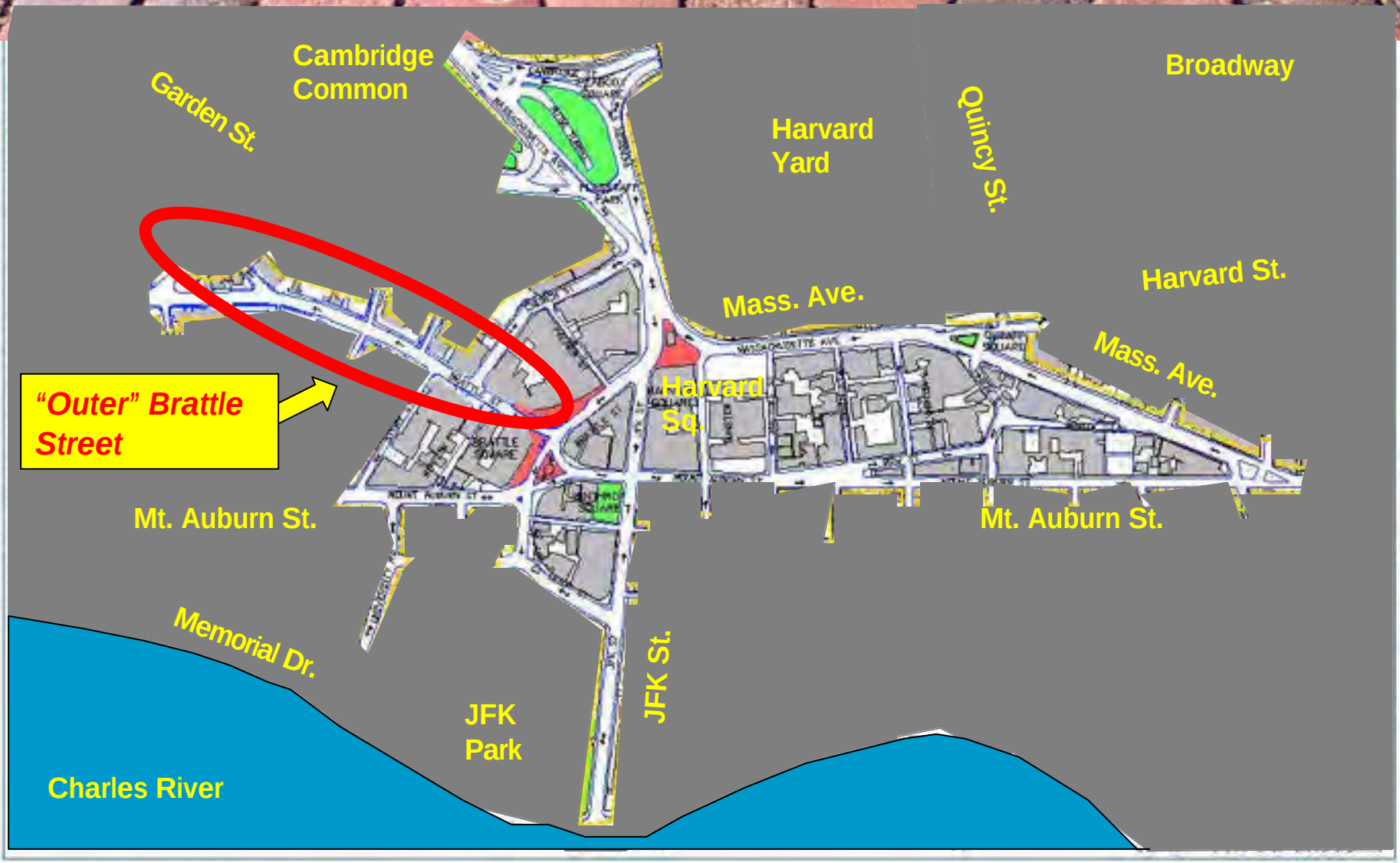
- *Conducted Detailed Transportation Analysis*
- *Evaluated Circulation for Pedestrians, Cyclists, Motorists*

- *Determined Number of Travel Lanes Needed*
- *Determined Street Directions*
- *Identified “Extra Space” in Public Right-of-Way*

2-WAY JFK / 2-WAY ELIOT



"OUTER" BRATTLE STREET

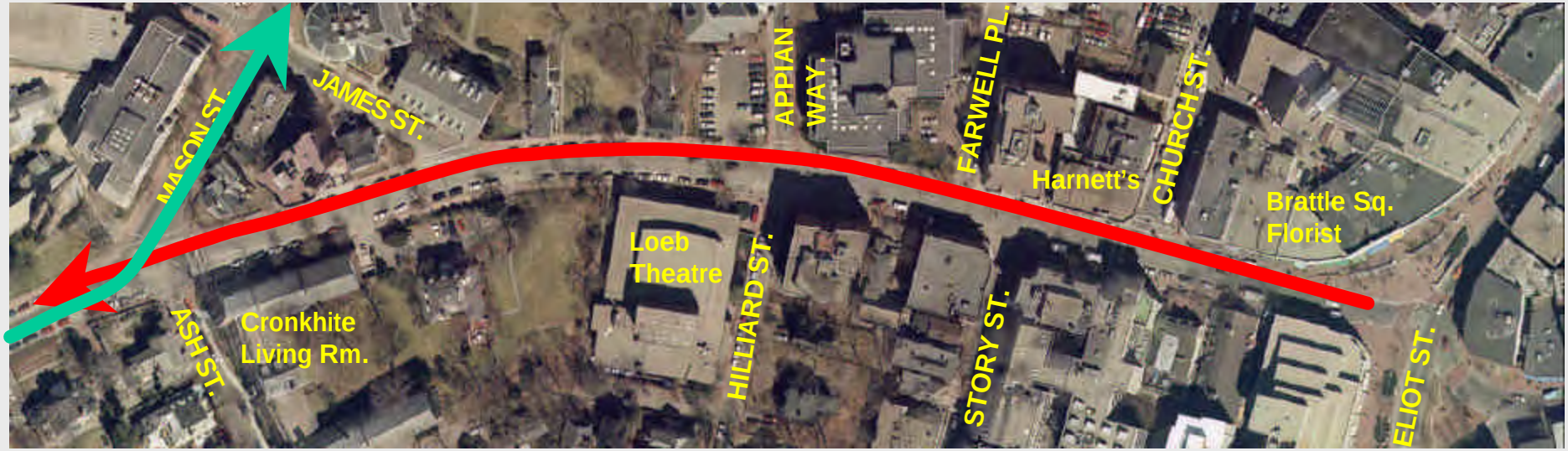


HARVARD SQUARE DESIGN PROJECT

TAMS

City of Cambridge

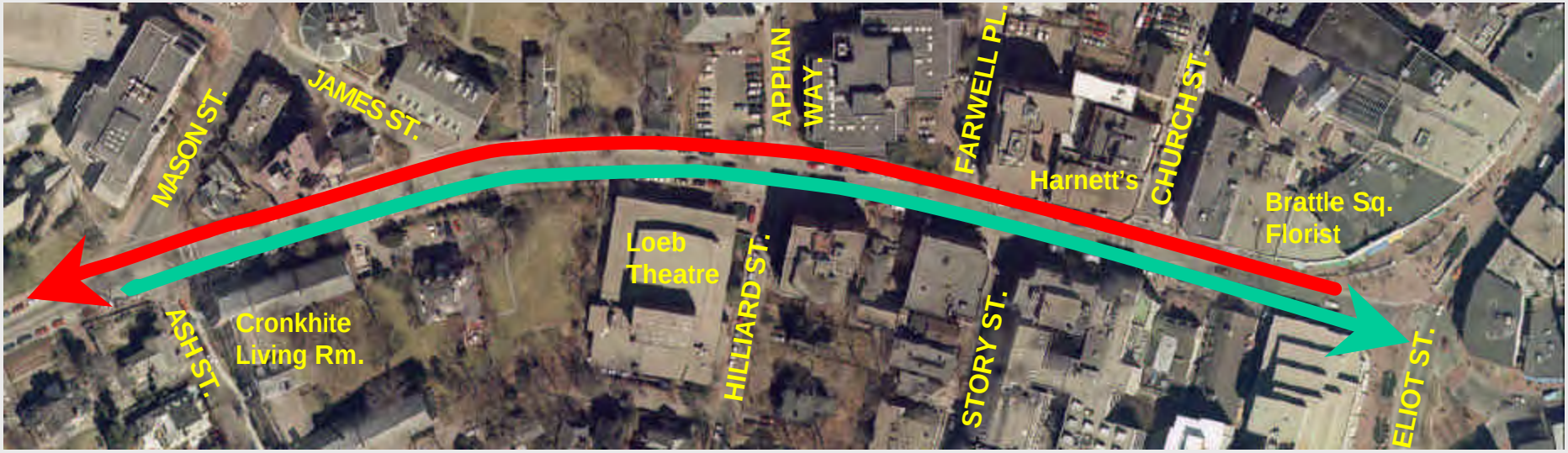
"OUTER" BRATTLE STREET
EXISTING TRAFFIC FLOW



- *Circuitous Route for Eastbound Vehicles & Cyclists*
- *Uninviting Gateway to the Square*

CONTRA-FLOW BIKE LANE

"OUTER" BRATTLE STREET
2-WAY TRAFFIC FLOW



- *Conventional 2-Way Street with Parking on Both Sides*
- *Functions Well with "STOP" Sign at Eliot Street End*
- *Increases Traffic Volumes on Brattle Street*
- *Variations Possible*

“OUTER” BRATTLE STREET

- *Current Route into Square from Concord Avenue*
- *Berkeley Street*

“OUTER” BRATTLE STREET
MAINTAIN ONE-WAY BRATTLE

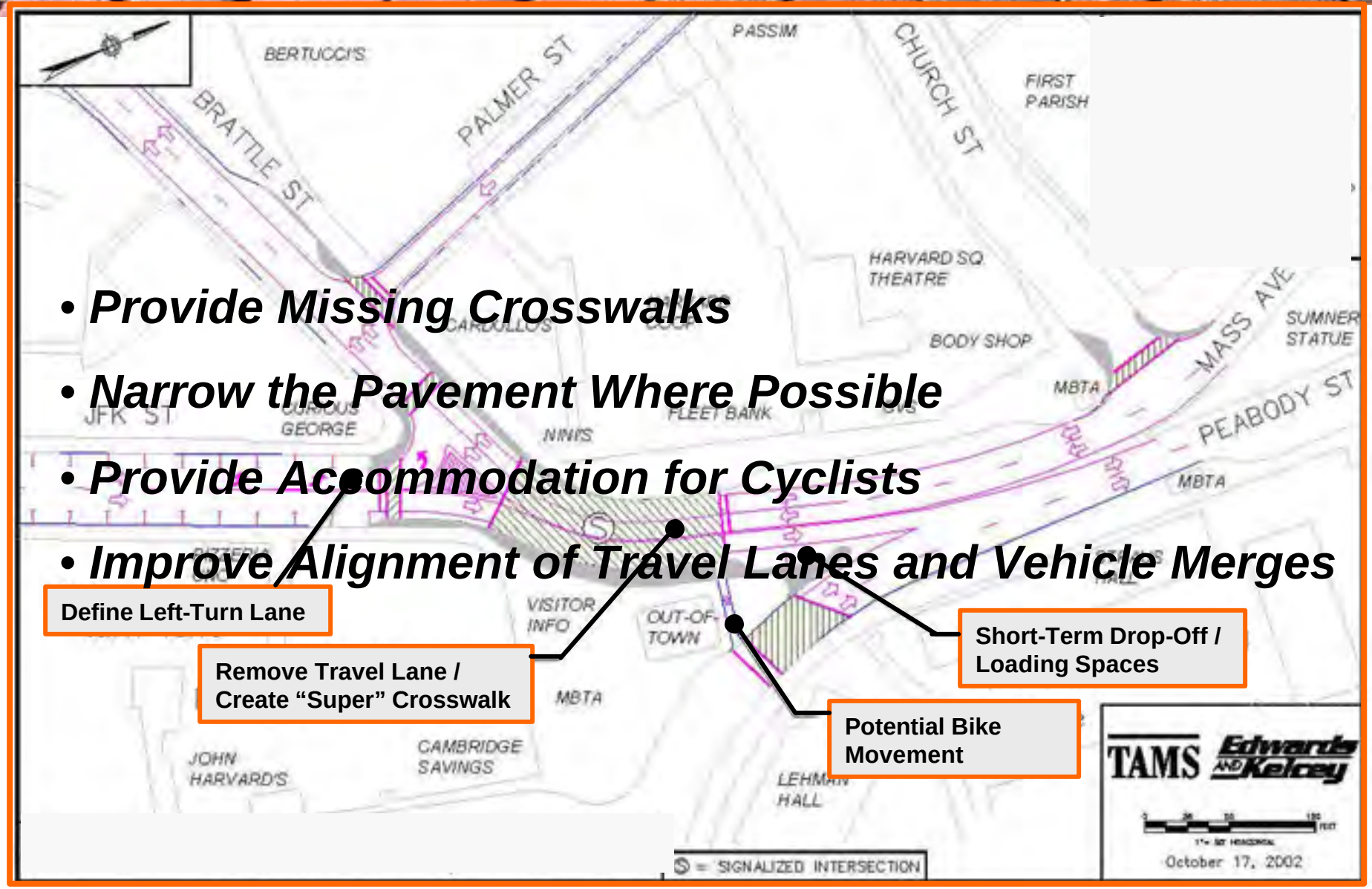
- *Maintain Brattle Street Flow “As-Is”*
- *Sign Bike Route via Hawthorne / Mt. Auburn*

TRANSPORTATION IMPROVEMENTS

- *Provide Missing Crosswalks*
- *Narrow the Pavement Where Possible*
- *Provide Accommodation for Cyclists*
- *Improve Alignment of Travel Lanes and Vehicle Merges*

TRANSPORTATION IMPROVEMENTS

OUT-OF-TOWN NEWS



- ***Provide Missing Crosswalks***
- ***Narrow the Pavement Where Possible***
- ***Provide Accommodation for Cyclists***
- ***Improve Alignment of Travel Lanes and Vehicle Merges***

Define Left-Turn Lane

Remove Travel Lane / Create "Super" Crosswalk

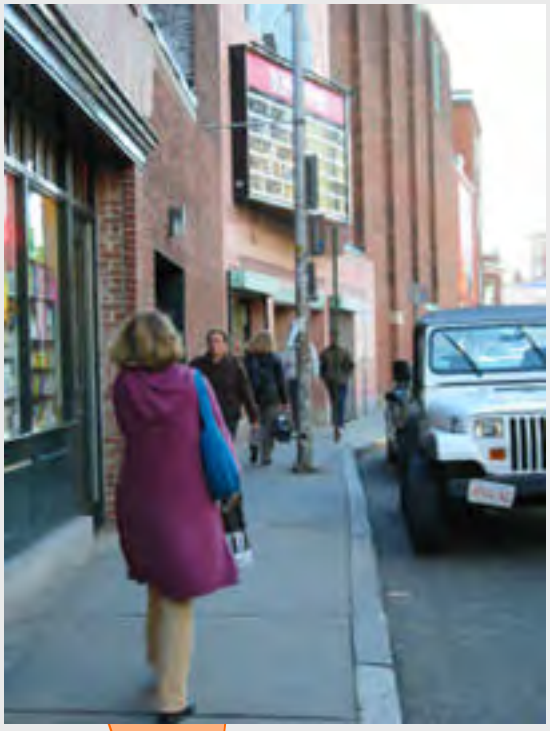
Short-Term Drop-Off / Loading Spaces

Potential Bike Movement

TRANSPORTATION IMPROVEMENTS

TRANSPORTATION IMPROVEMENTS

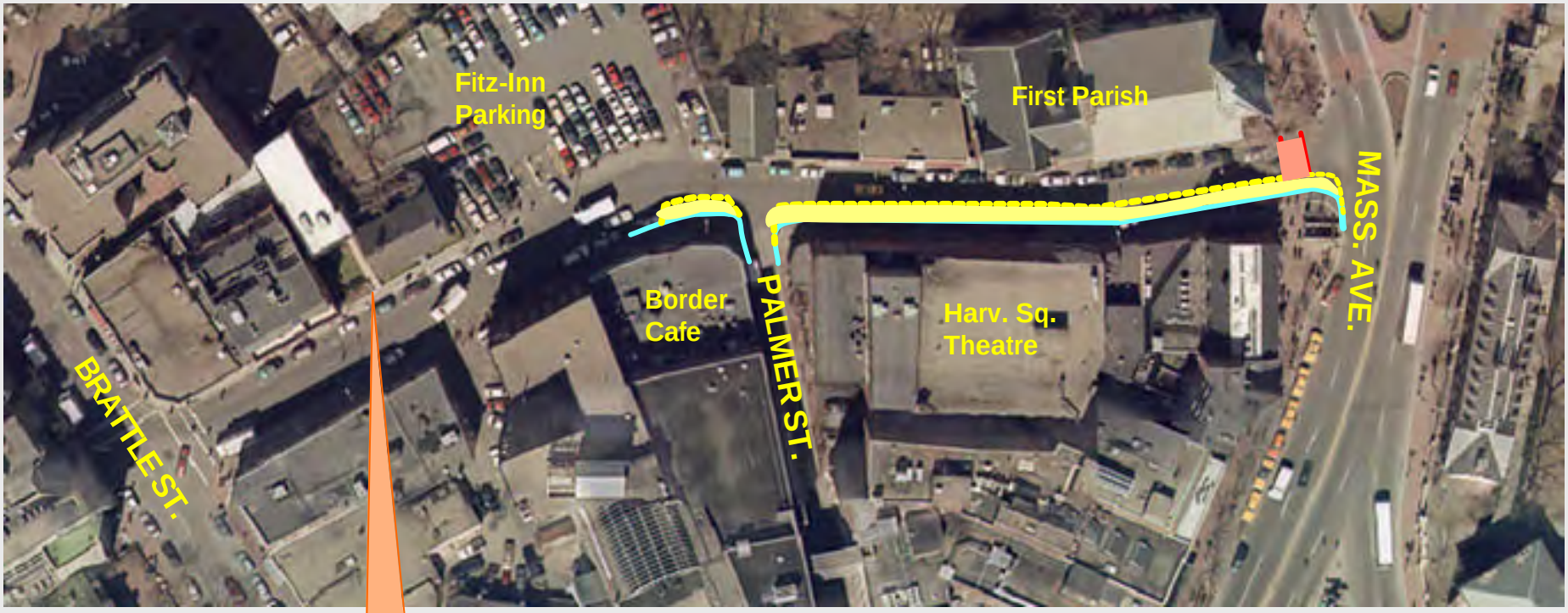
CHURCH STREET



TAMS Edwards AND Kelcey

TRANSPORTATION IMPROVEMENTS

CHURCH STREET

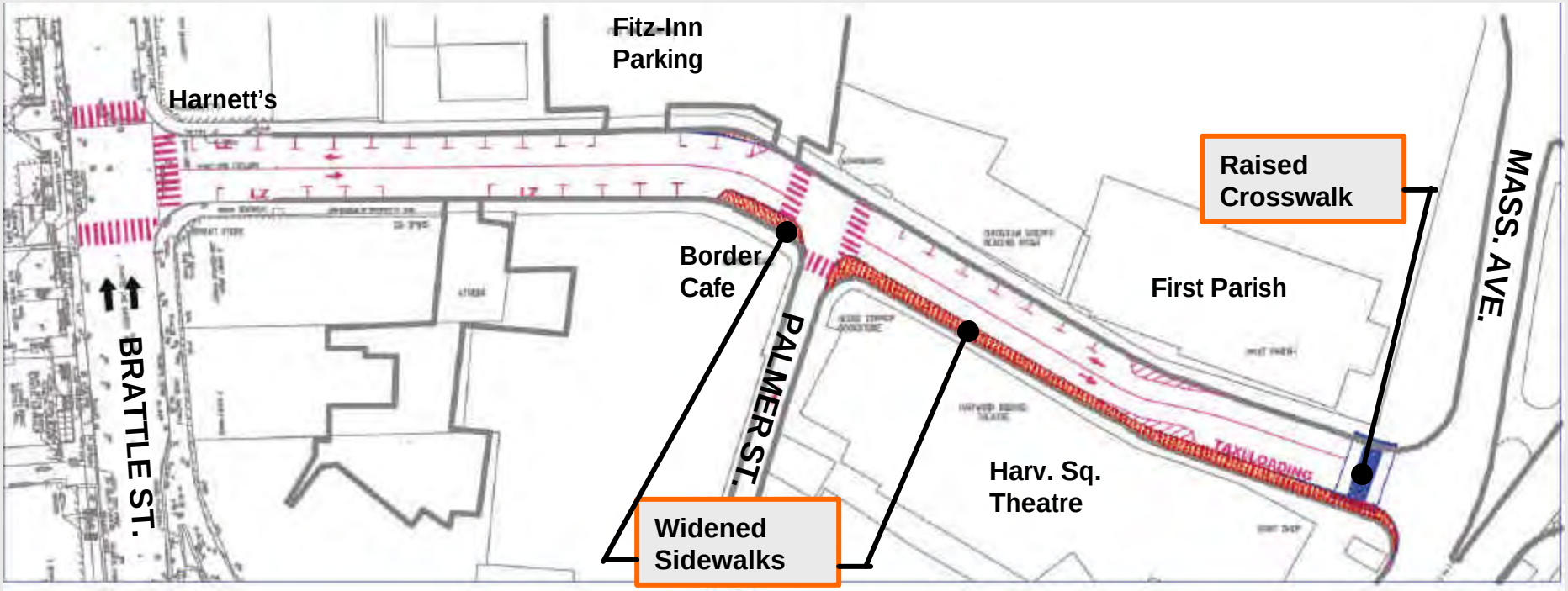


Tree Grates

- ***One-Way Street***
- ***Improved Two-Way Street***

TRANSPORTATION IMPROVEMENTS

CHURCH STREET

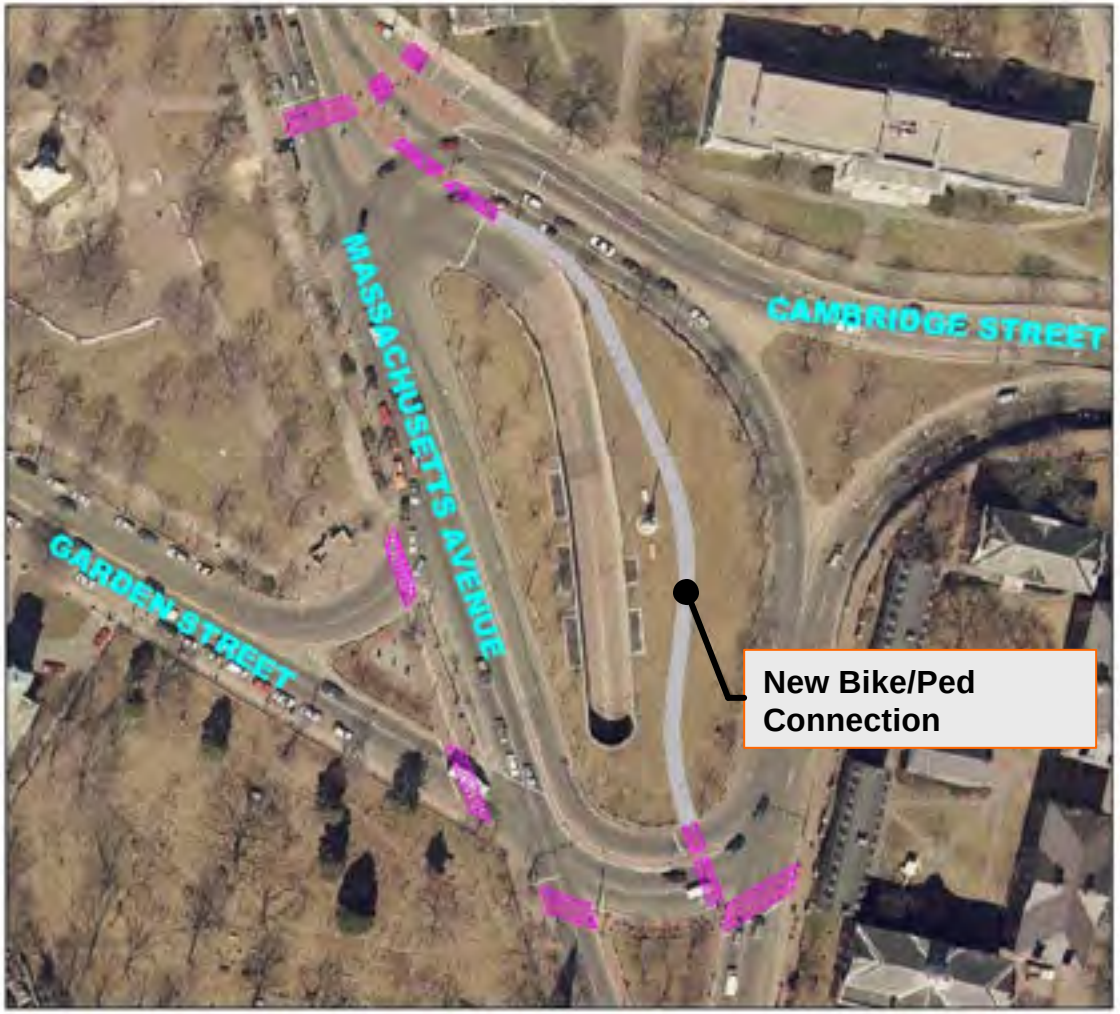


- ***Maintains 2-Way Flow***
- ***Maintains Taxi / Loading Zone***
- ***Net Loss of 8 Parking Spaces***

TRANSPORTATION IMPROVEMENTS

TRANSPORTATION IMPROVEMENTS

FLAGSTAFF PARK CONNECTION



Garden St. Entrance to Flagstaff Park

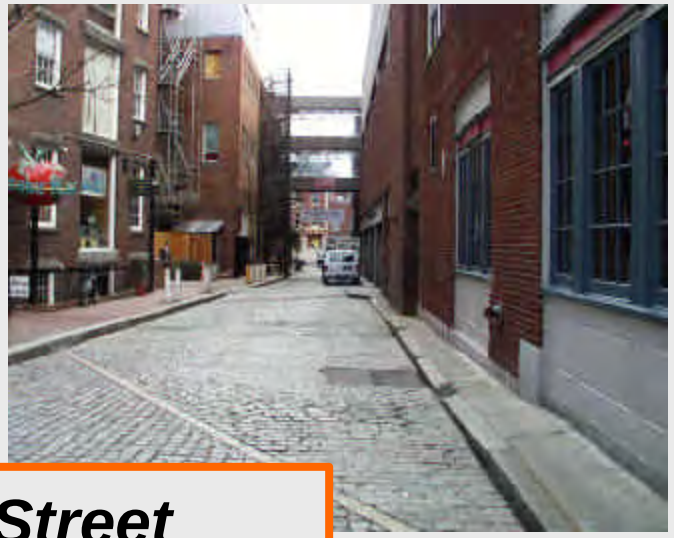
- *Alternate Route for Bikes/Peds between Harvard Sq. and North Mass. Ave (Porter Sq.)*
- *Opens-Up Currently Underutilized Space*

TAMS Edwards and Kelcey

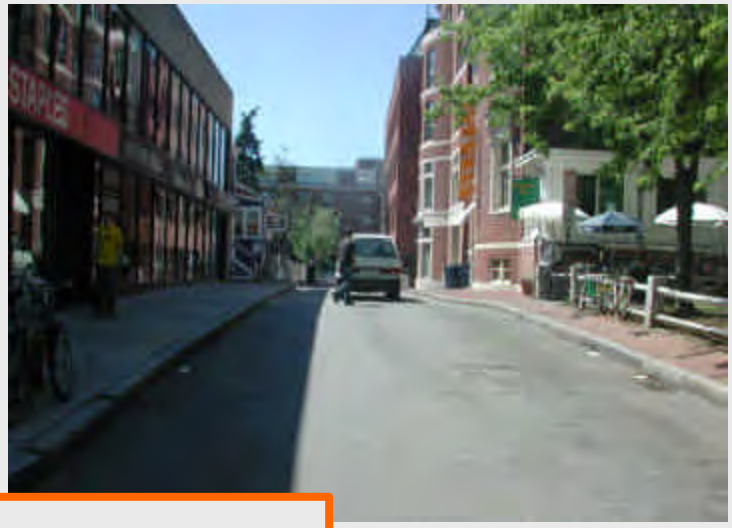
October 17, 2002

SHARED STREETS

SHARED STREETS

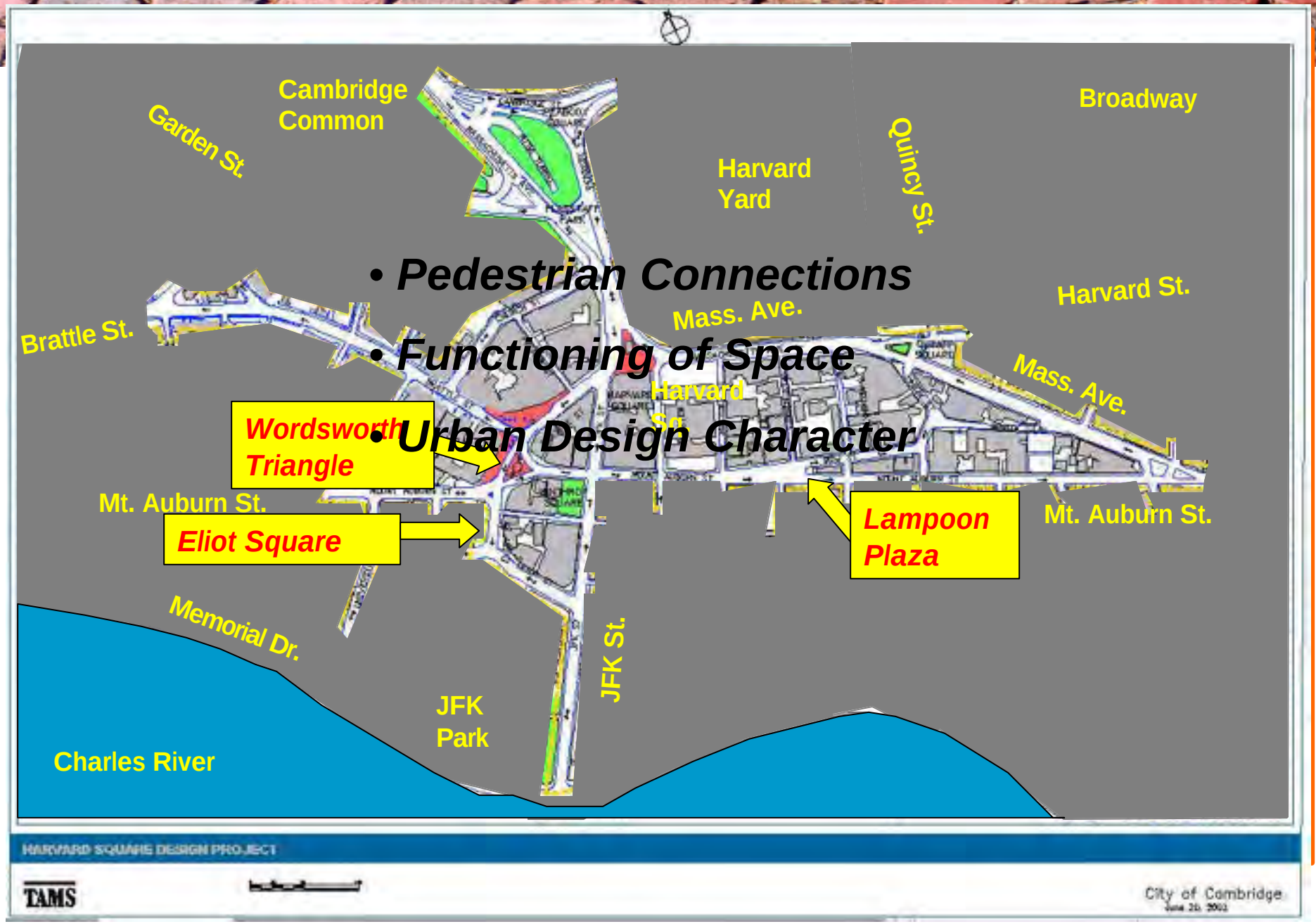


Palmer Street



Winthrop Street

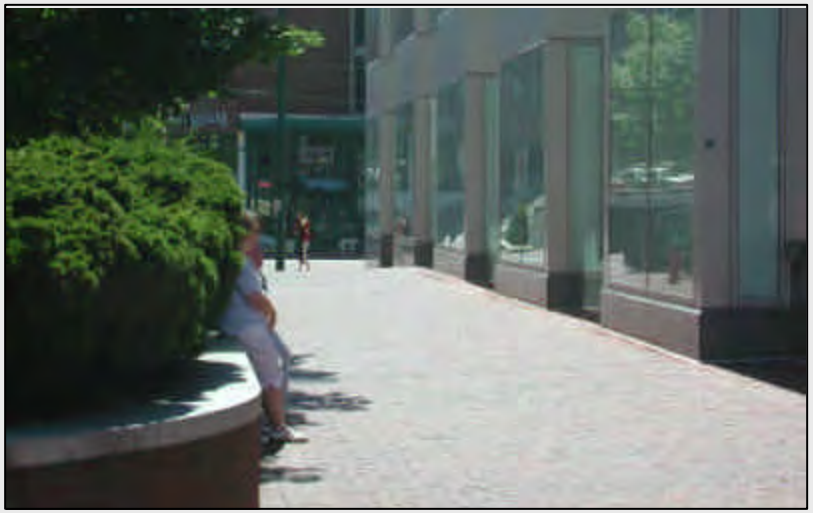
PLAZA IMPROVEMENTS



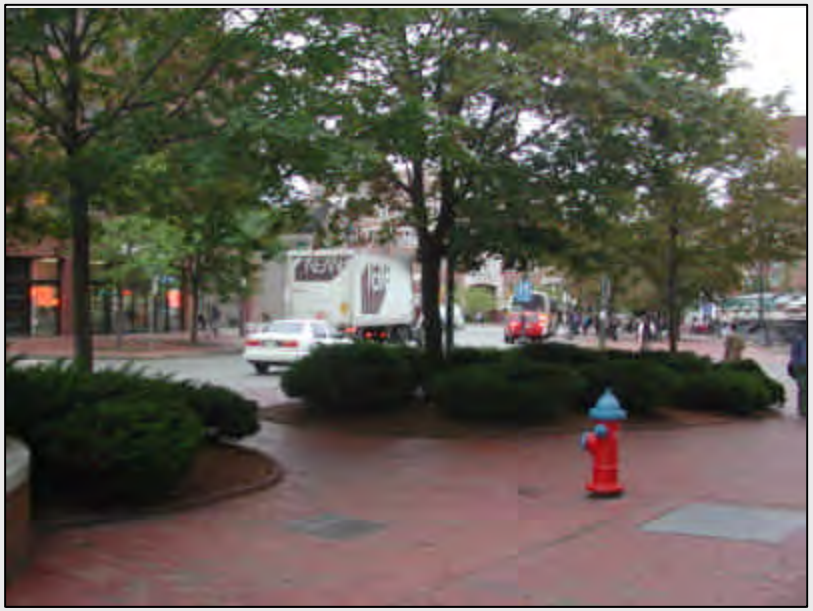
PLAZA IMPROVEMENTS
MINIMUM CHANGE AREAS

DeGuglielmo Plaza – Works Well

PLAZA IMPROVEMENTS
MINIMUM CHANGE AREAS



One Brattle Square – Physical Constraints (MBTA Vents)



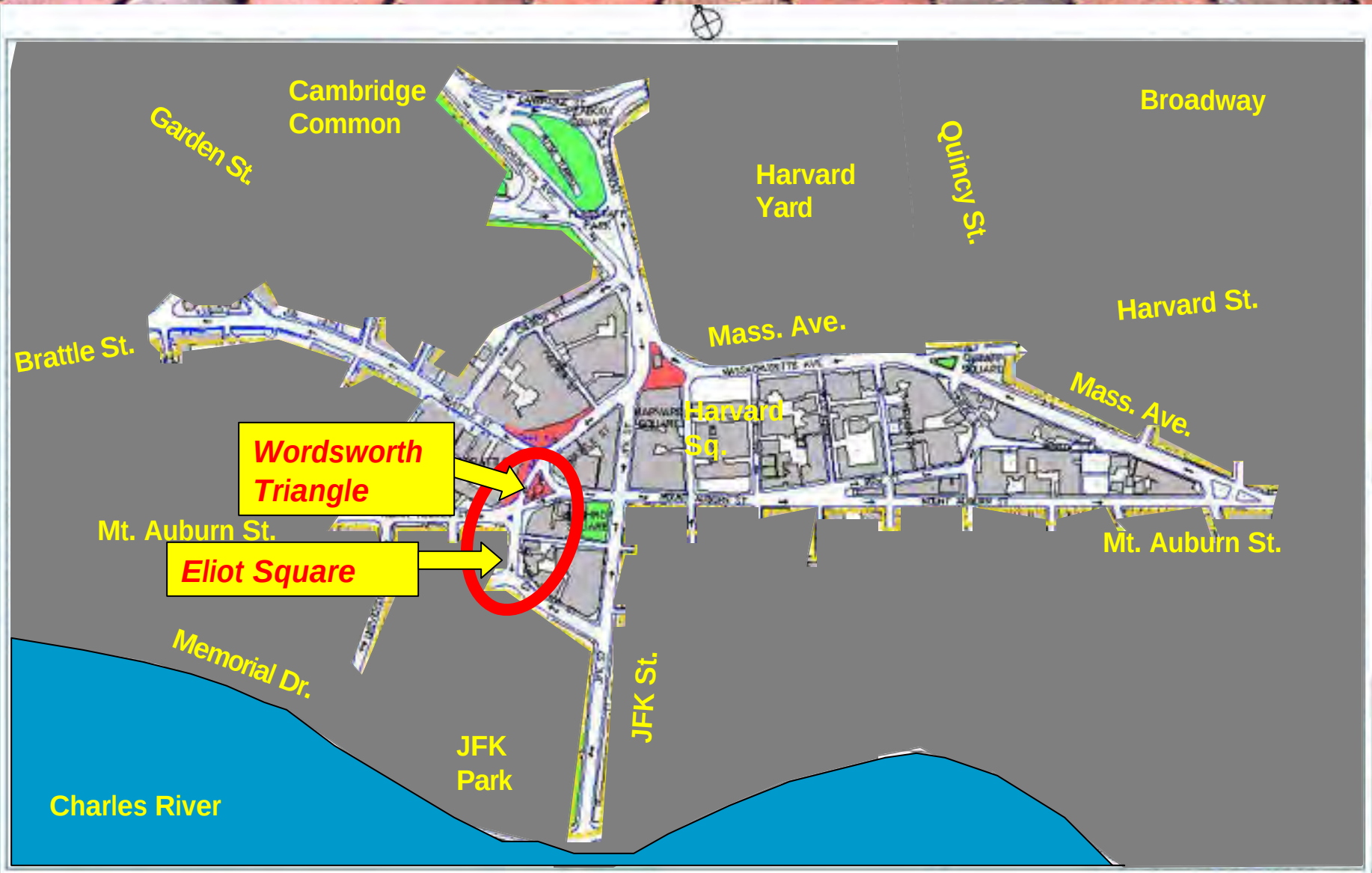
PLAZA IMPROVEMENTS

MINIMUM CHANGE AREAS – "THE PIT"

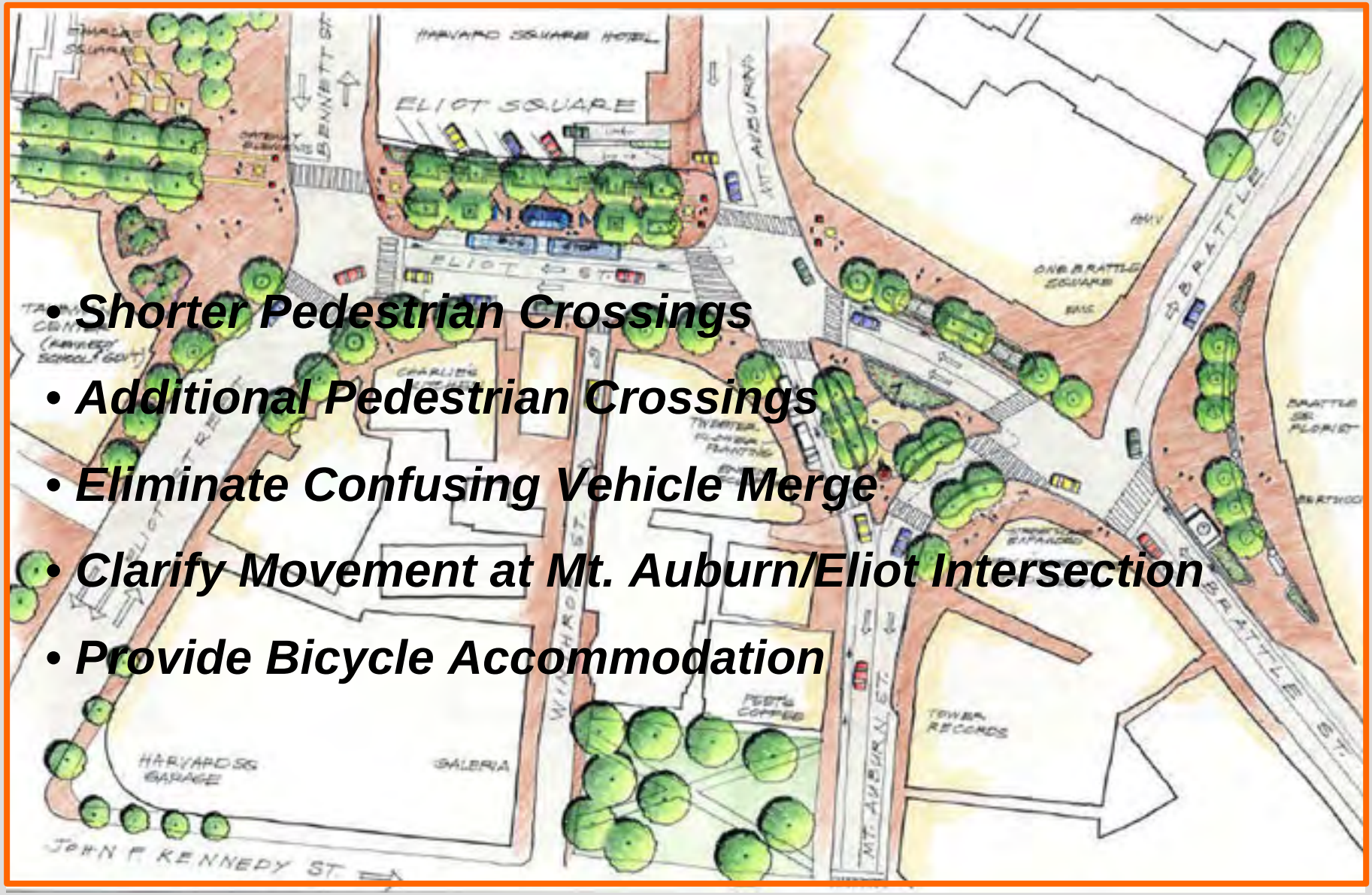
PLAZA IMPROVEMENTS
MINIMUM CHANGE AREAS

Out-of-Town Peninsula / "The Pit"

PLAZA IMPROVEMENTS

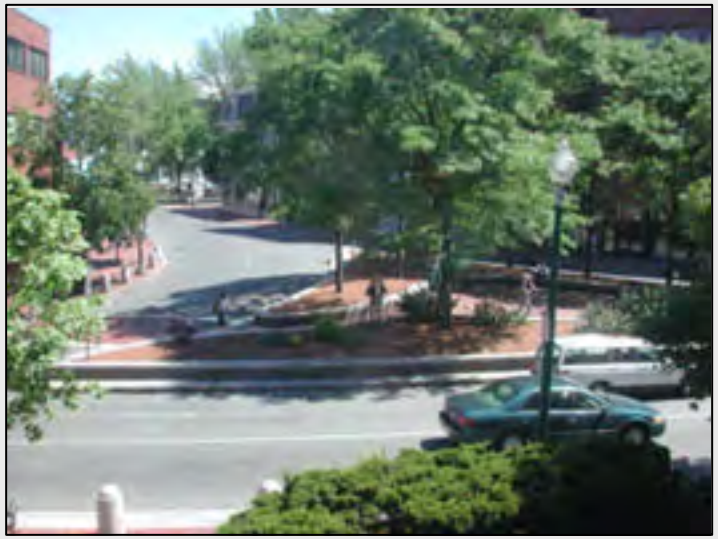


TRANSPORTATION IMPROVEMENTS
WORDSWORTH / ELIOT



- *Shorter Pedestrian Crossings*
- *Additional Pedestrian Crossings*
- *Eliminate Confusing Vehicle Merge*
- *Clarify Movement at Mt. Auburn/Eliot Intersection*
- *Provide Bicycle Accommodation*

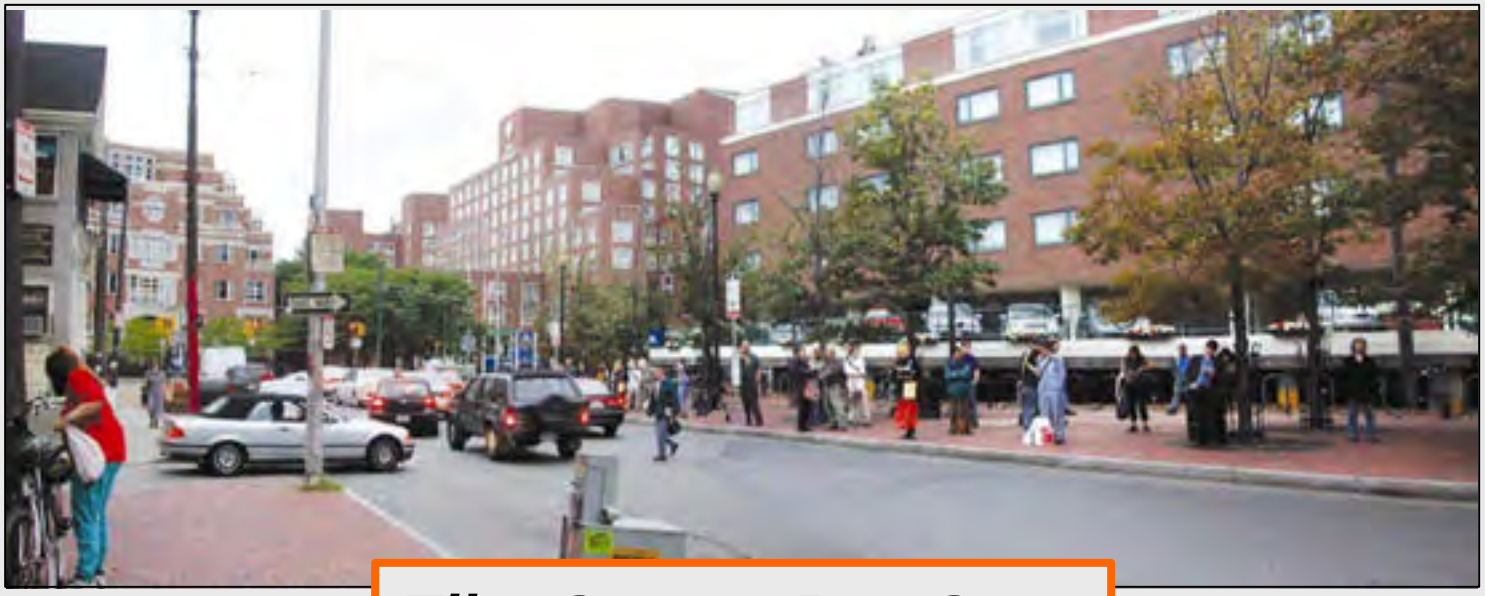
PLAZA IMPROVEMENTS
WORDSWORTH / ELIOT



“Wordsworth” Triangle

PROPOSED IMPROVEMENTS
WORDSWORTH TRIANGLE

PLAZA IMPROVEMENTS
WORDSWORTH / ELIOT



Eliot Square Bus Stop

PROPOSED IMPROVEMENTS

ELIOT SQUARE

PLAZA IMPROVEMENTS

PLAZA IMPROVEMENTS

LAMPOON PLAZA

PROPOSED IMPROVEMENTS

LAMPOON PLAZA

PROPOSED IMPROVEMENTS

LAMPOON PLAZA

SMALL GROUP DISCUSSIONS