

Harvard Square Design Project

An aerial photograph of Harvard Square in Cambridge, Massachusetts, showing a large-scale construction project. The square is partially excavated, with several large concrete structures and scaffolding visible. In the background, the historic brick buildings of Harvard Square are visible, including the Albianni building with its name on the facade. The scene is busy with construction activity and some vehicles.

City of Cambridge Community Development Department

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

Community Meeting – November 21, 2002

AGENDA

- 1. INTRODUCTIONS / PROJECT BACKGROUND**
- 2. OPTIONS FOR CIRCULATION CHANGES**
- 3. BREAK**
- 4. SMALL GROUP DISCUSSIONS**
- 5. REPORTING BACK**
- 6. NEXT STEPS**

HARVARD SQUARE DESIGN COMMITTEE

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

SCHEDULE

- ***COMMITTEE BEGAN MEETING IN APRIL 2002***
- ***DESIGN THROUGH SUMMER 2003***
- ***CONSTRUCTION (FIRST PHASE) FALL 2003 /
SPRING 2004***

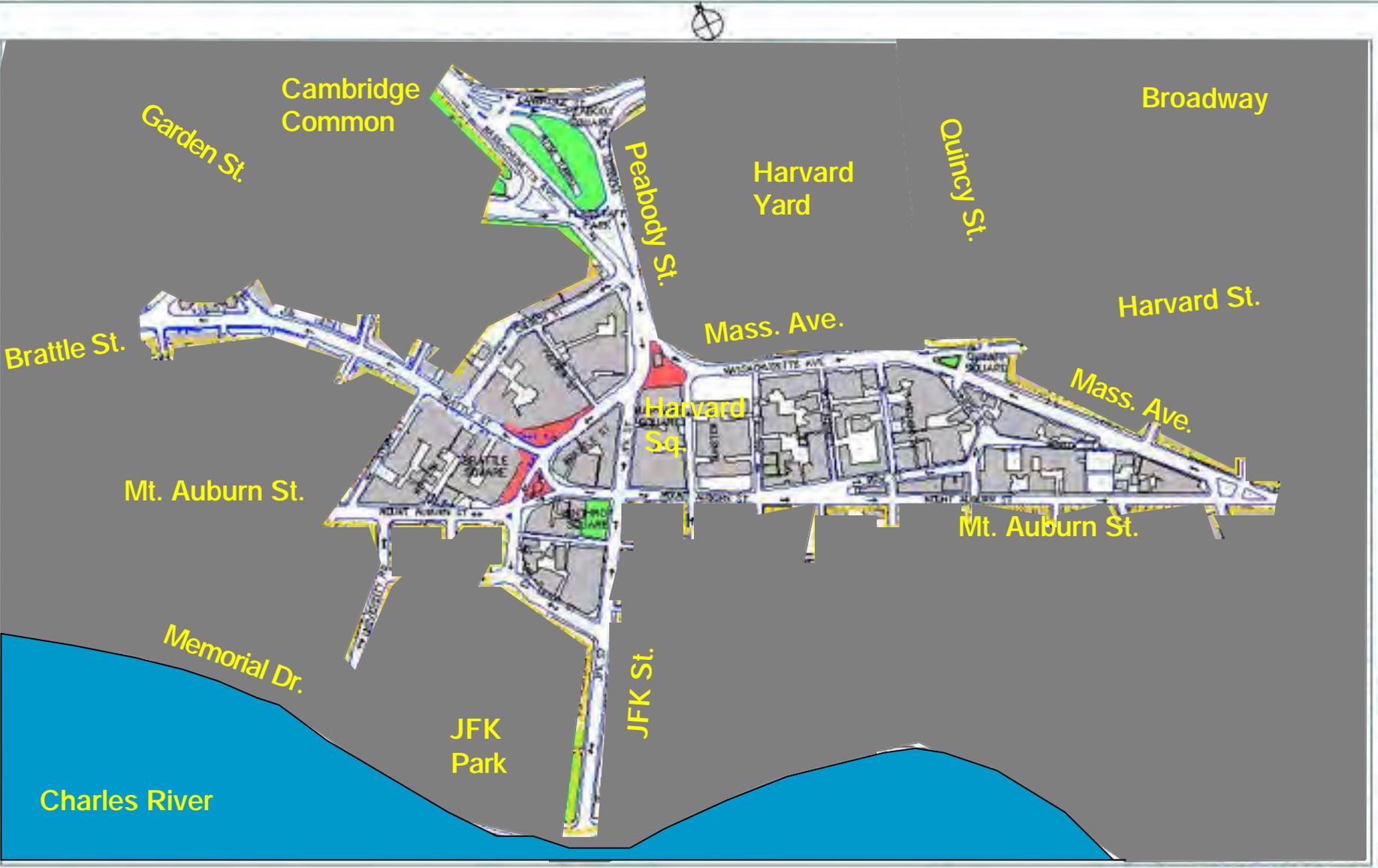
BASIC INFRASTRUCTURE IMPROVEMENTS



OPPORTUNITY: ENHANCE THE SQUARE FOR ALL USERS



PROJECT AREA



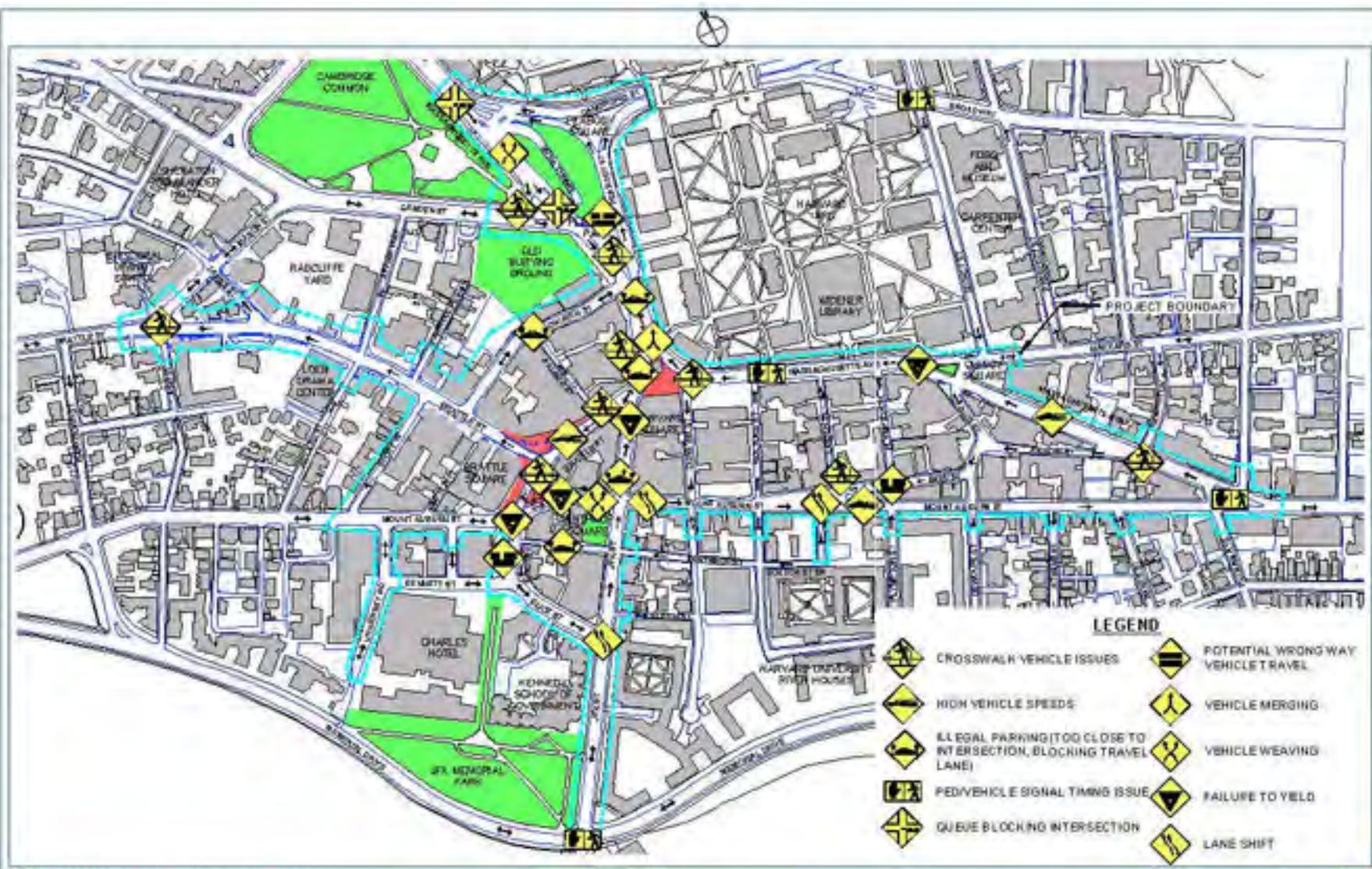
HARVARD SQUARE DESIGN PROJECT



SHORT-TERM IMPROVEMENTS

- ***BENCHES***
- ***LANDSCAPING***
- ***BIKE PARKING***
- ***LIGHTING***

EXISTING ISSUES



HARVARD SQUARE DESIGN PROJECT

EXISTING ISSUES



WHY STUDY CIRCULATION ALTERNATIVES?

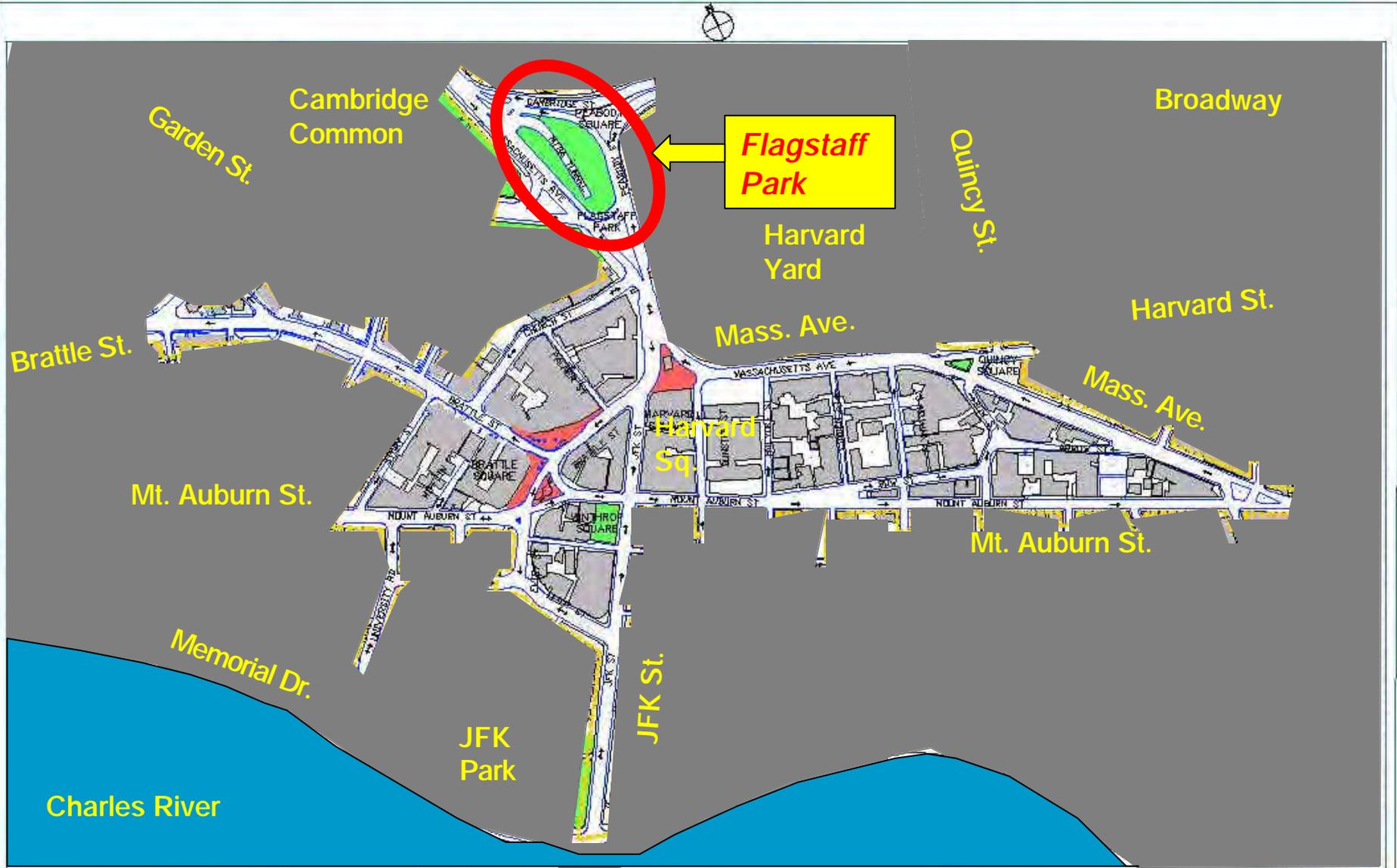
- ***Determine Minimum Number of Travel Lanes Needed***
 - ***Determine Street Directions***

- ***Determine What to Do With Extra Space***

TRAFFIC ANALYSIS

- ***VOLUMES AND CIRCULATION***
- ***SIGNALS VS. STOP SIGNS***
- ***PEDESTRIANS, CYCLISTS AND MOTORISTS***

FLAGSTAFF PARK CONNECTION



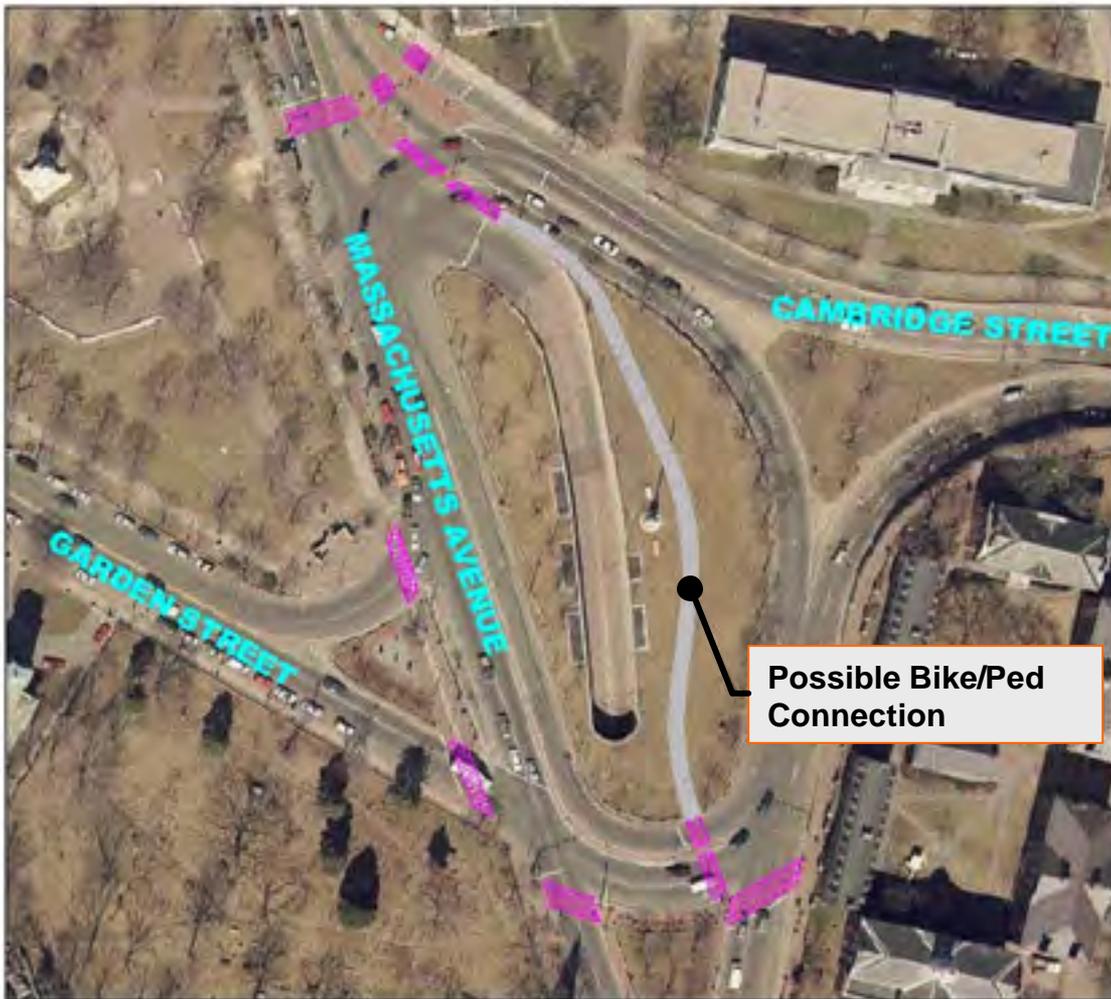
HARVARD SQUARE DESIGN PROJECT

TAMS



City of Cambridge
June 26, 2012

FLAGSTAFF PARK CONNECTION



Possible Bike/Ped Connection



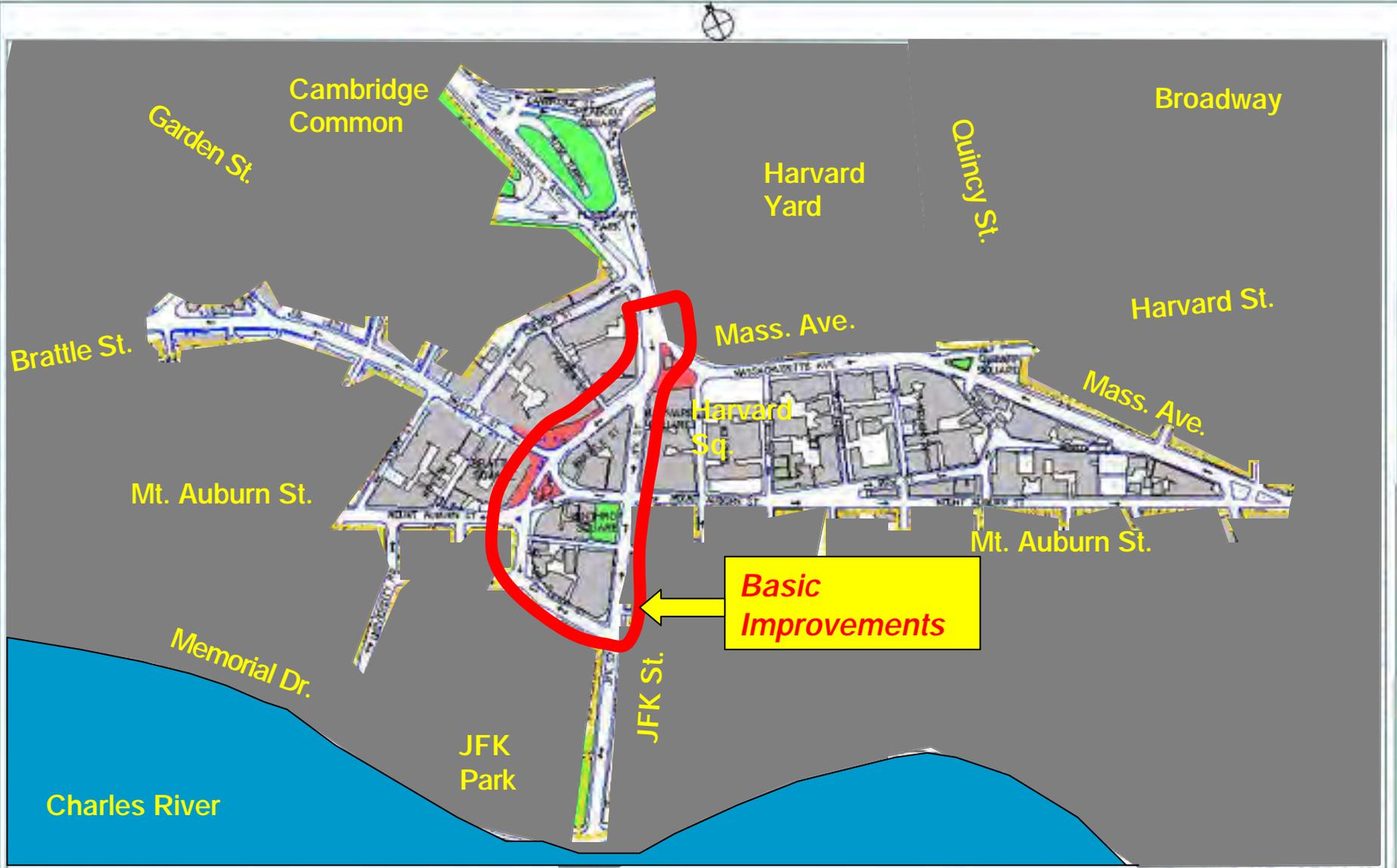
Garden St. Entrance to Flagstaff Park

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

TAMS *Edwards and Kelcey*

GRAPHIC SCALE 1" = 50' HORIZONTAL
October 17, 2002

BASIC IMPROVEMENTS

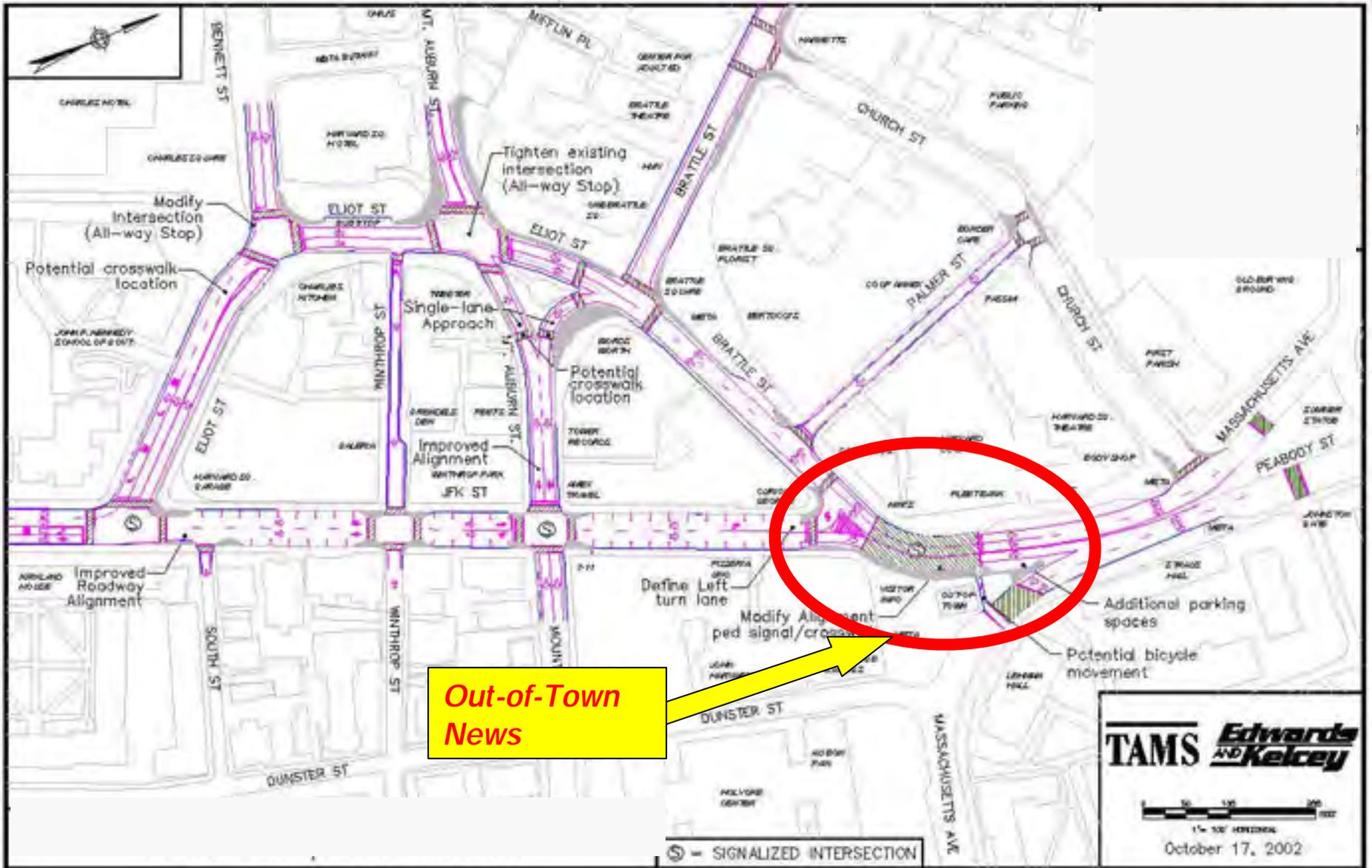


BASIC IMPROVEMENTS

- Provides Missing Crosswalks
- Narrows the Pavement Where Possible
- Optimizes Intersection Control (Stop Signs vs. Signals)
- Improves Alignment of Travel Lanes and Vehicle Merges



BASIC IMPROVEMENTS



BASIC IMPROVEMENTS OUT-OF-TOWN NEWS

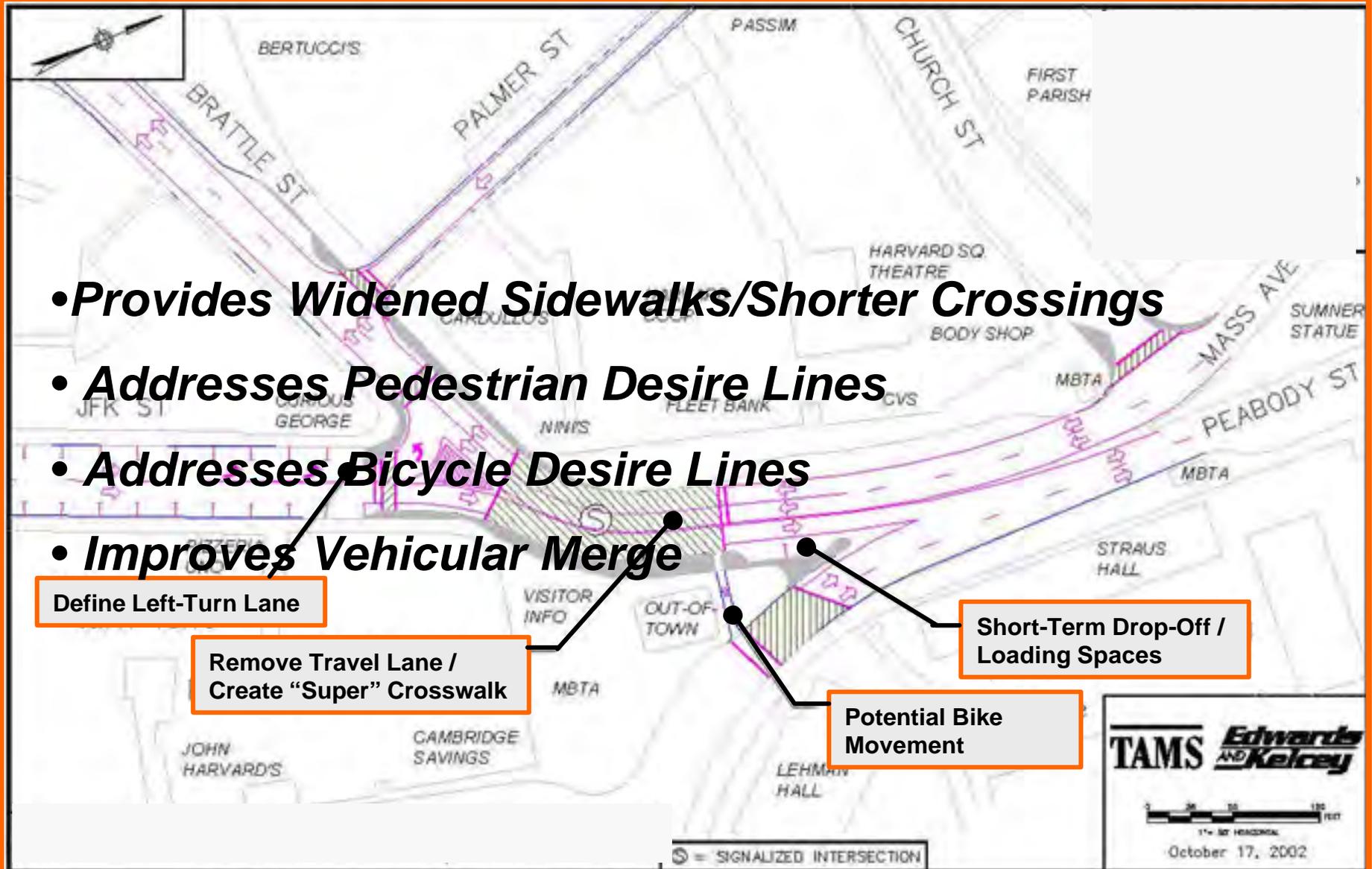
- Provides Widened Sidewalks/Shorter Crossings
- Addresses Pedestrian Desire Lines
- Addresses Bicycle Desire Lines
- Improves Vehicular Merge

Define Left-Turn Lane

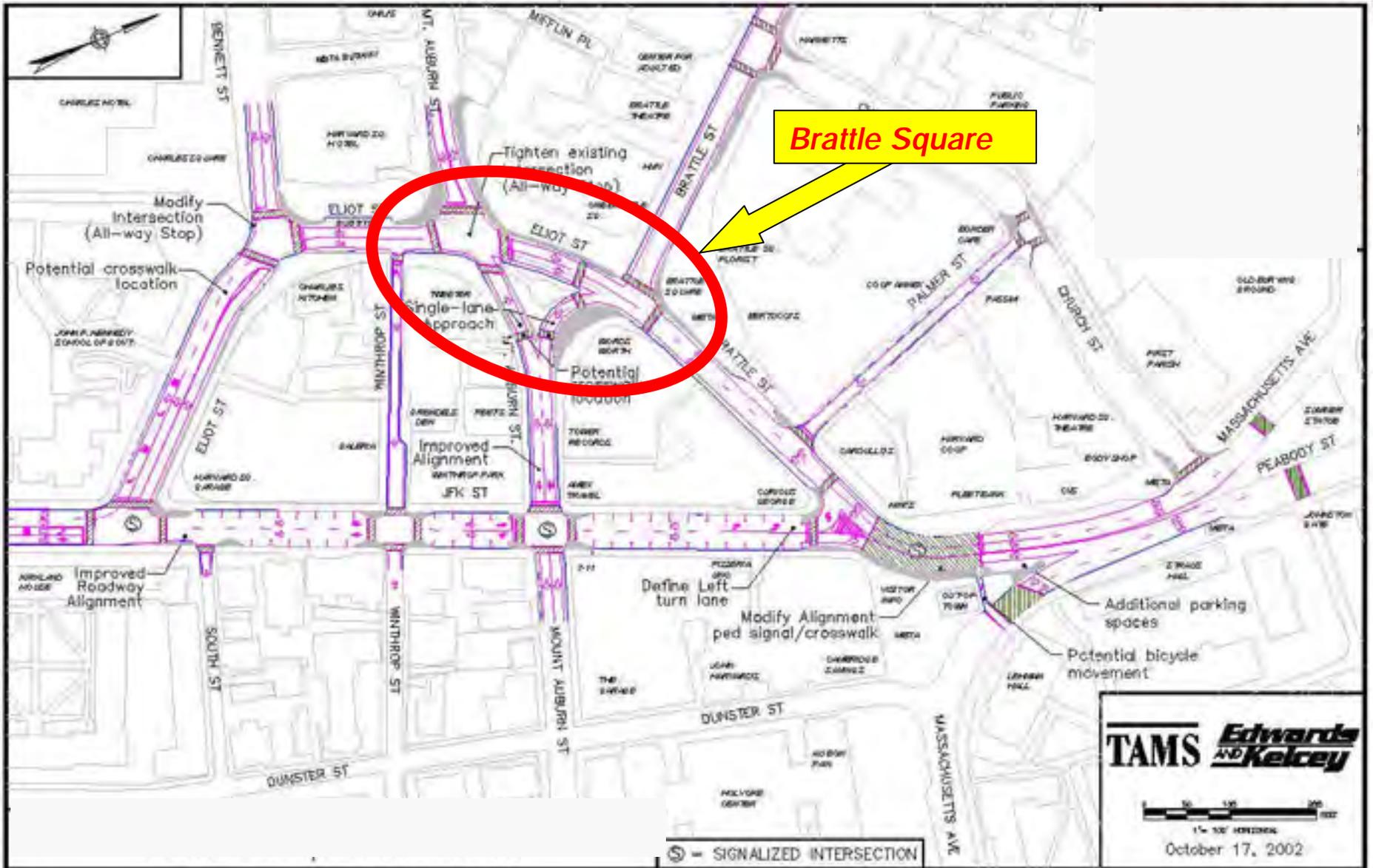
Remove Travel Lane /
Create "Super" Crosswalk

Short-Term Drop-Off /
Loading Spaces

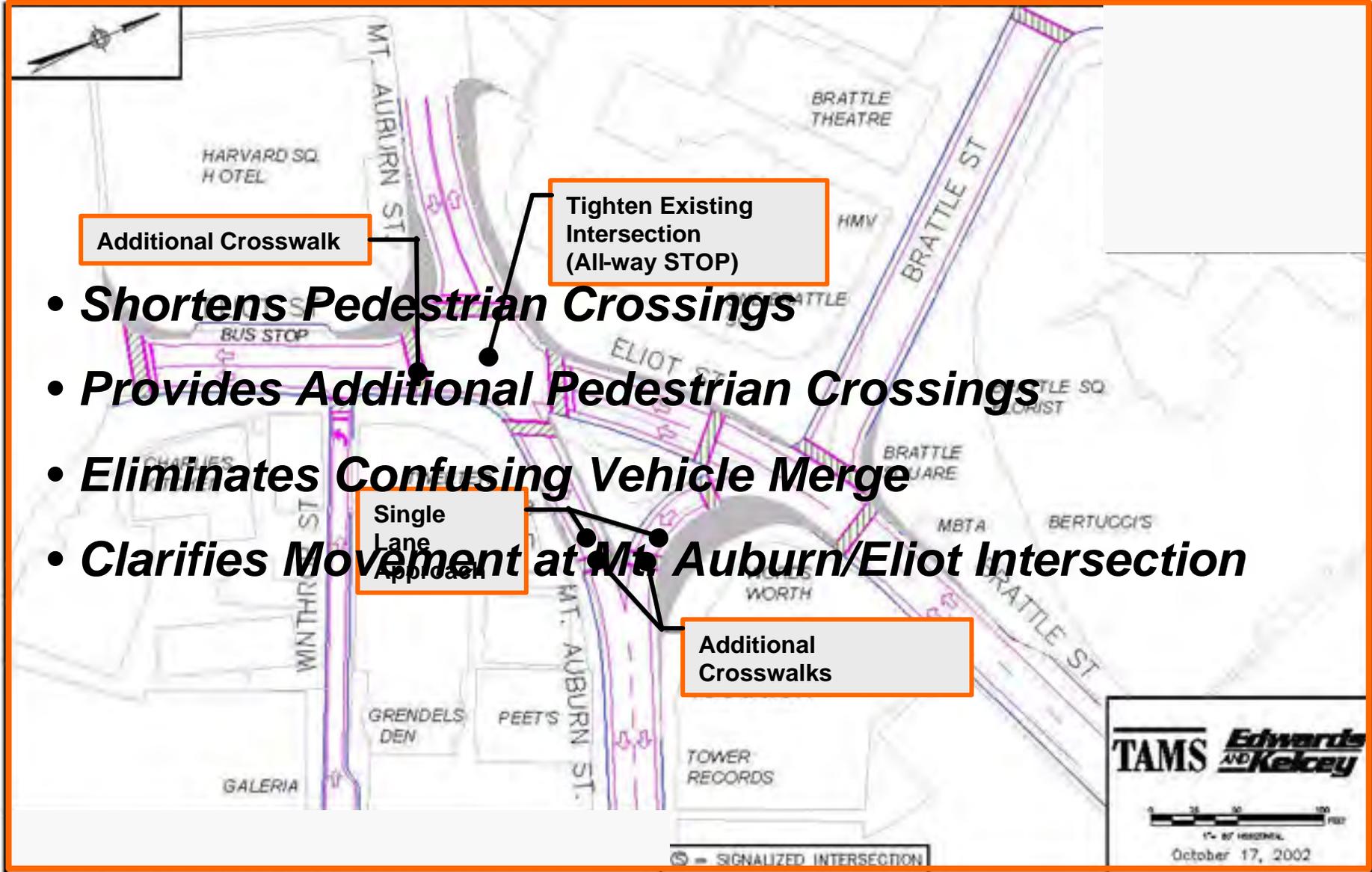
Potential Bike
Movement



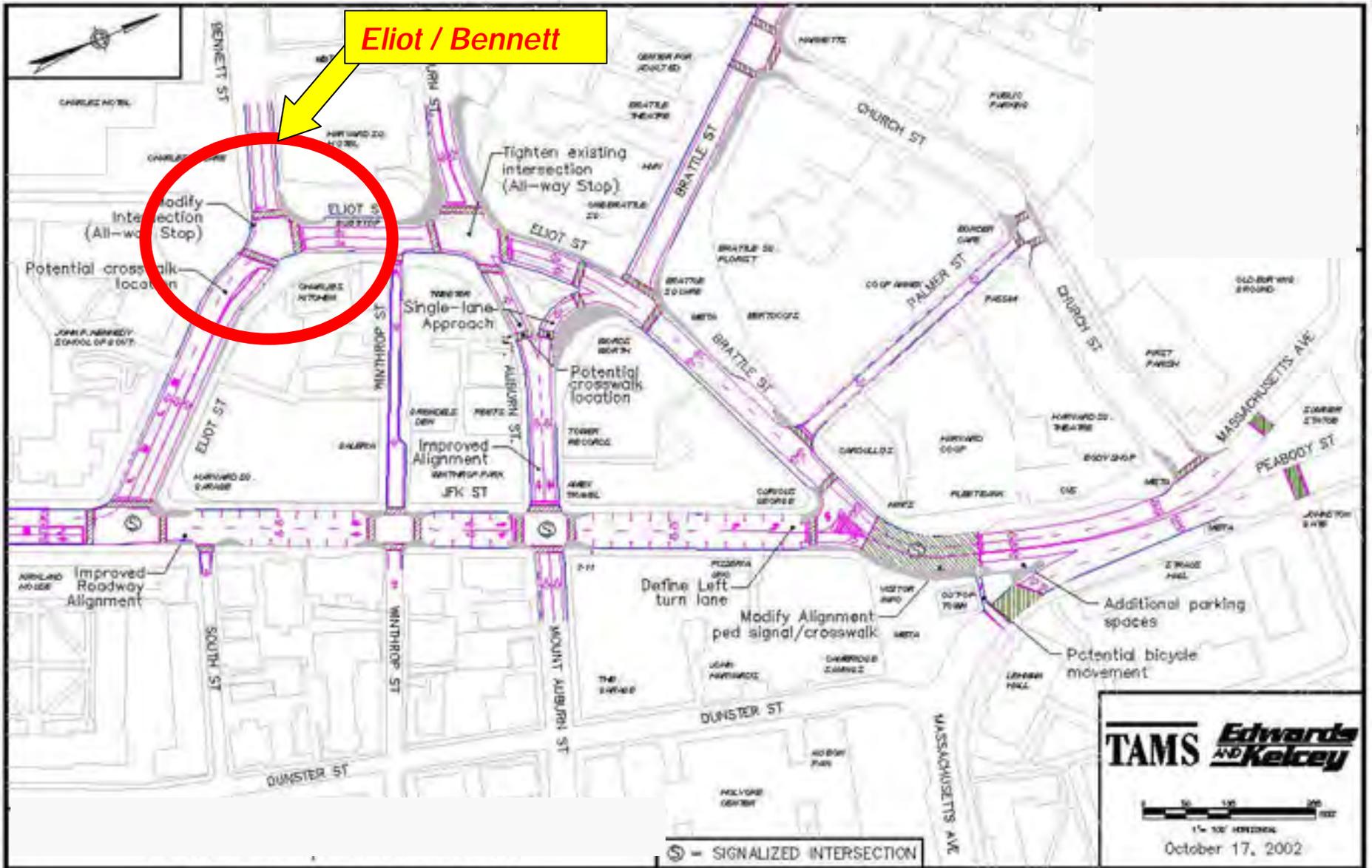
BASIC IMPROVEMENTS



BASIC IMPROVEMENTS BRATTLE SQUARE



BASIC IMPROVEMENTS



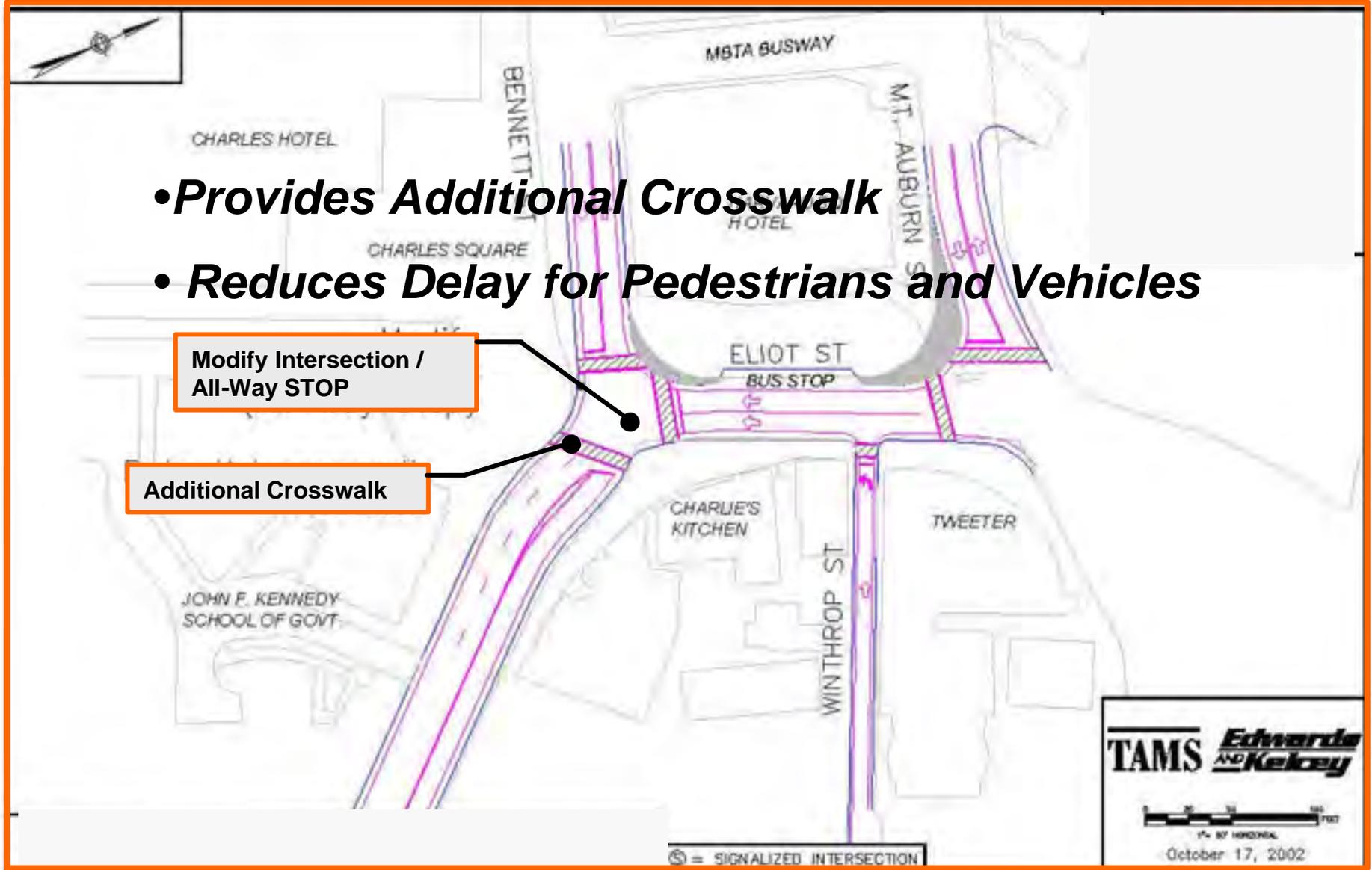
BASIC IMPROVEMENTS

ELIOT / BENNETT INTERSECTION

- *Provides Additional Crosswalk*
- *Reduces Delay for Pedestrians and Vehicles*

Modify Intersection /
All-Way STOP

Additional Crosswalk



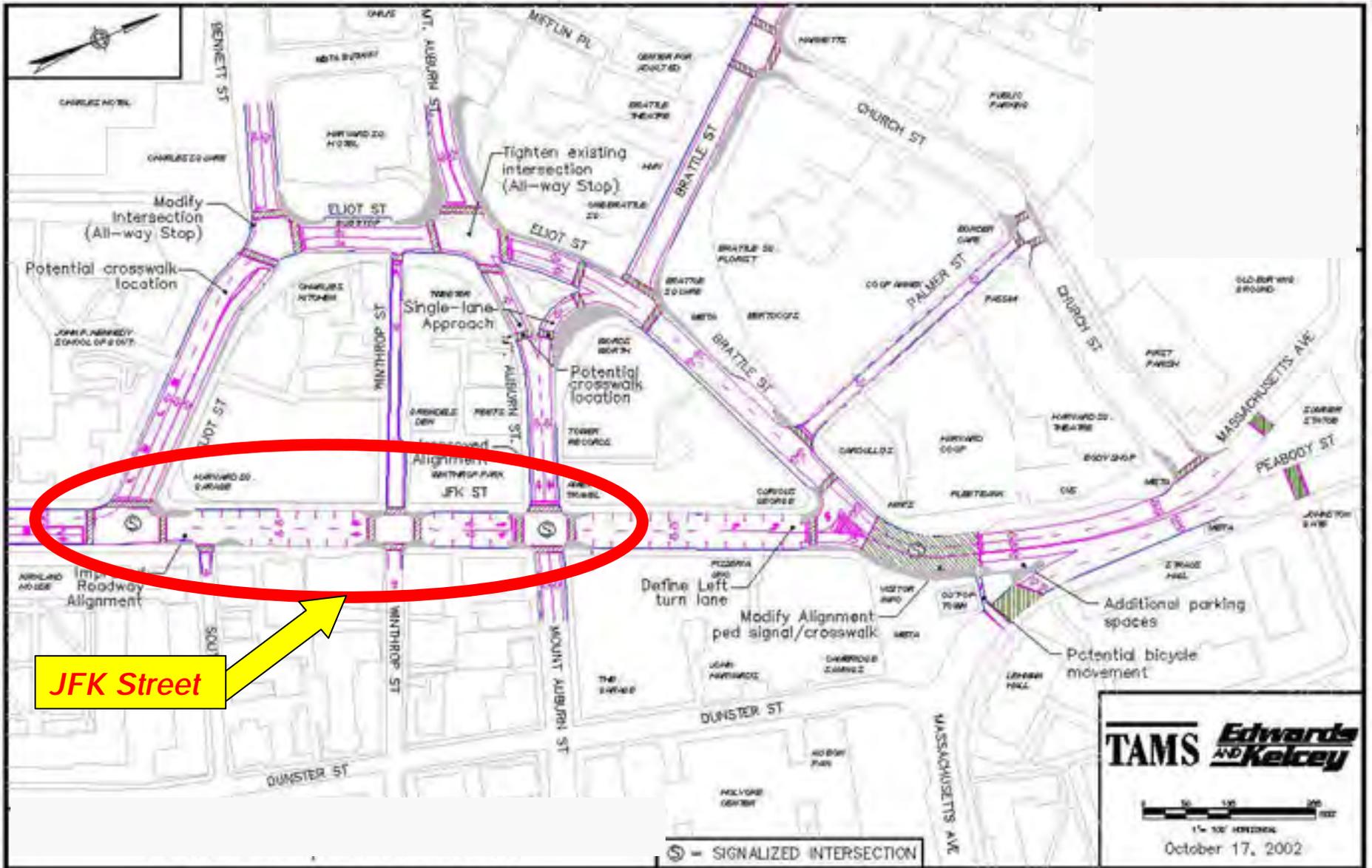
S = SIGNALIZED INTERSECTION

TAMS *Edwards
AND Kelcey*

1" = 87' HORIZONTAL

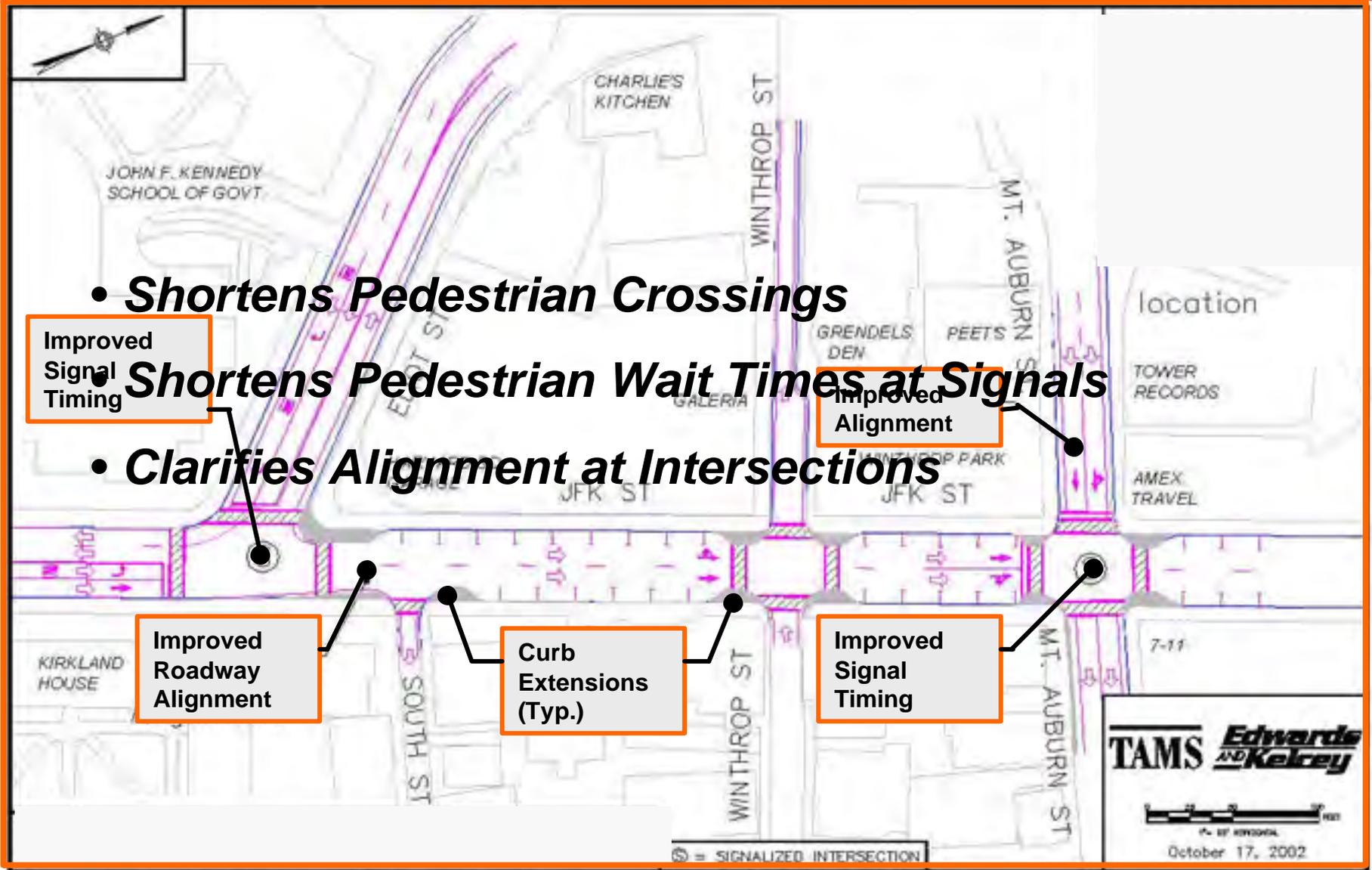
October 17, 2002

BASIC IMPROVEMENTS

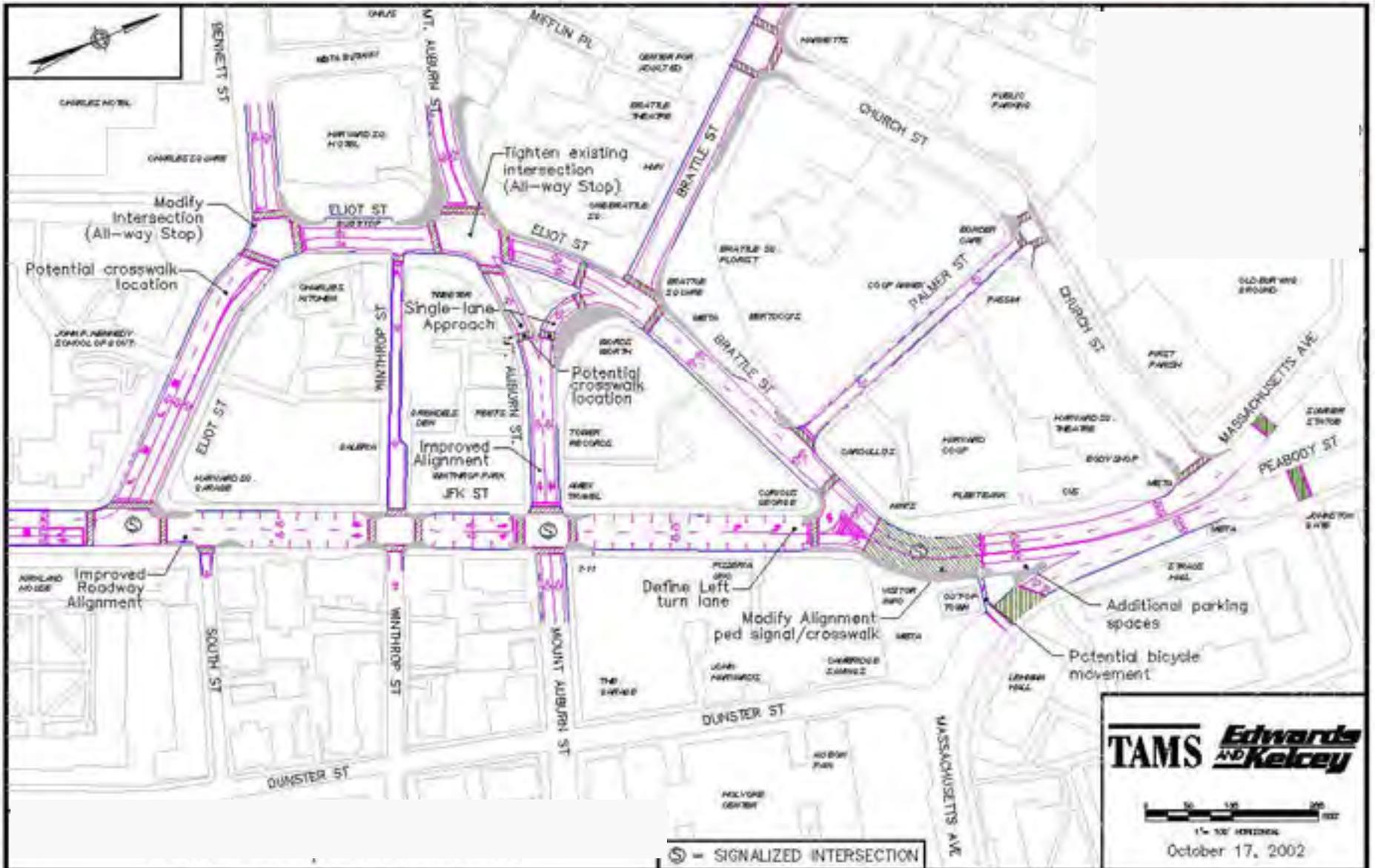


BASIC IMPROVEMENTS

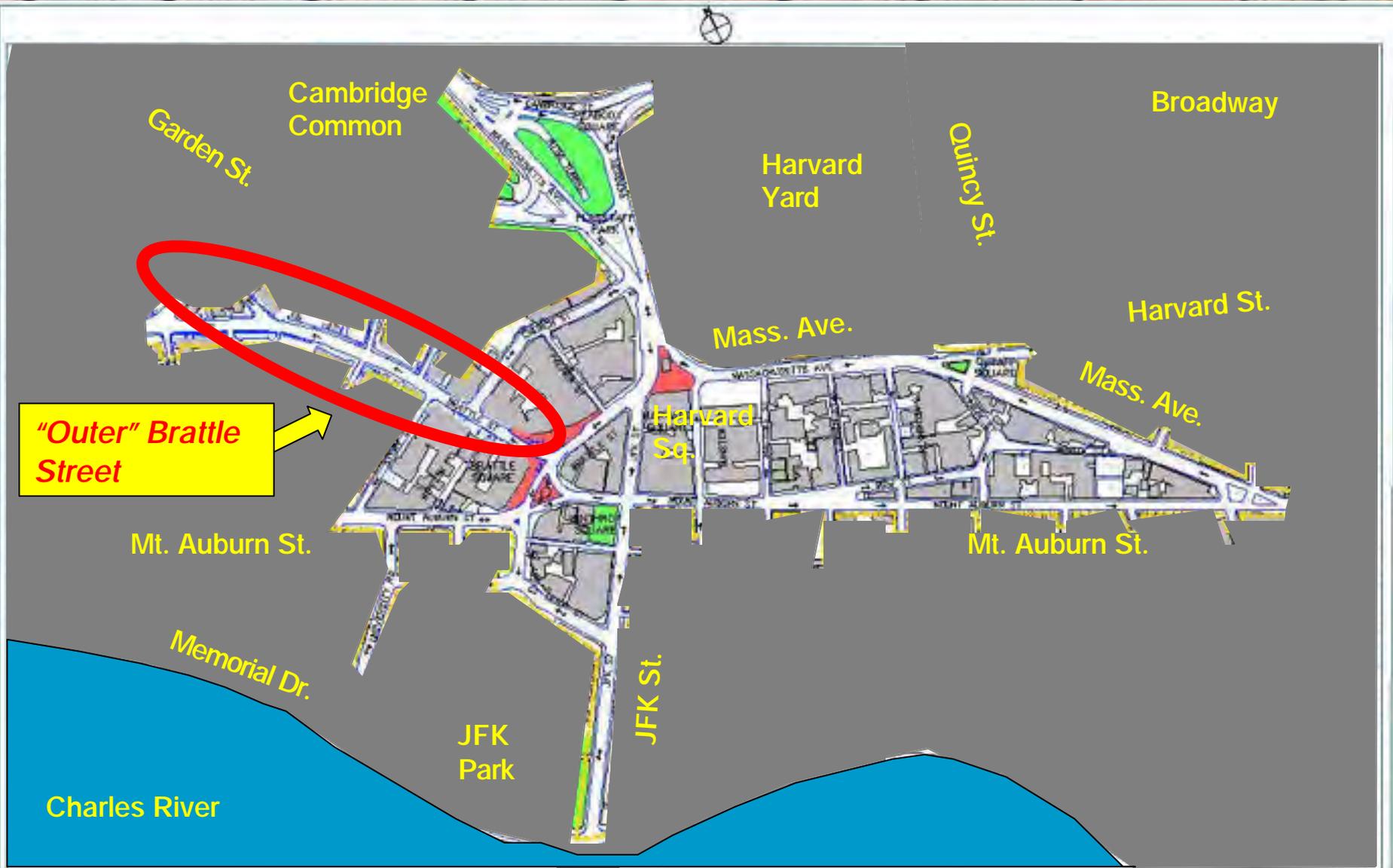
JFK STREET



BASIC IMPROVEMENTS



"OUTER" BRATTLE STREET



"Outer" Brattle Street



“OUTER” BRATTLE STREET EXISTING TRAFFIC FLOW



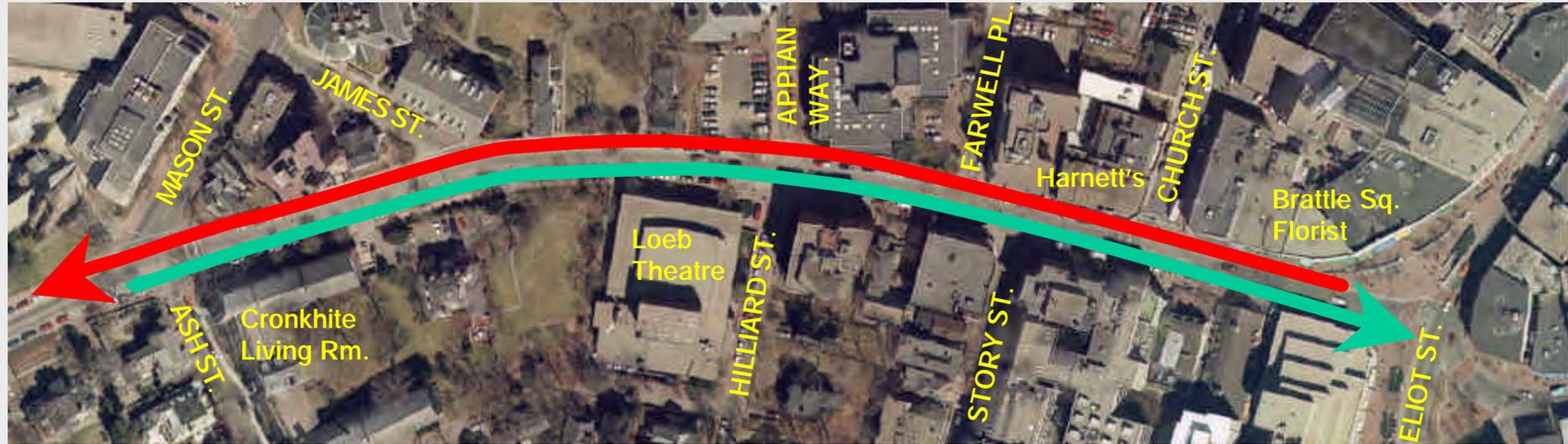
- ***Circuitous Route for Eastbound Vehicles & Cyclists***
- ***Uninviting Gateway to the Square***

CONTRA-FLOW BIKE LANE



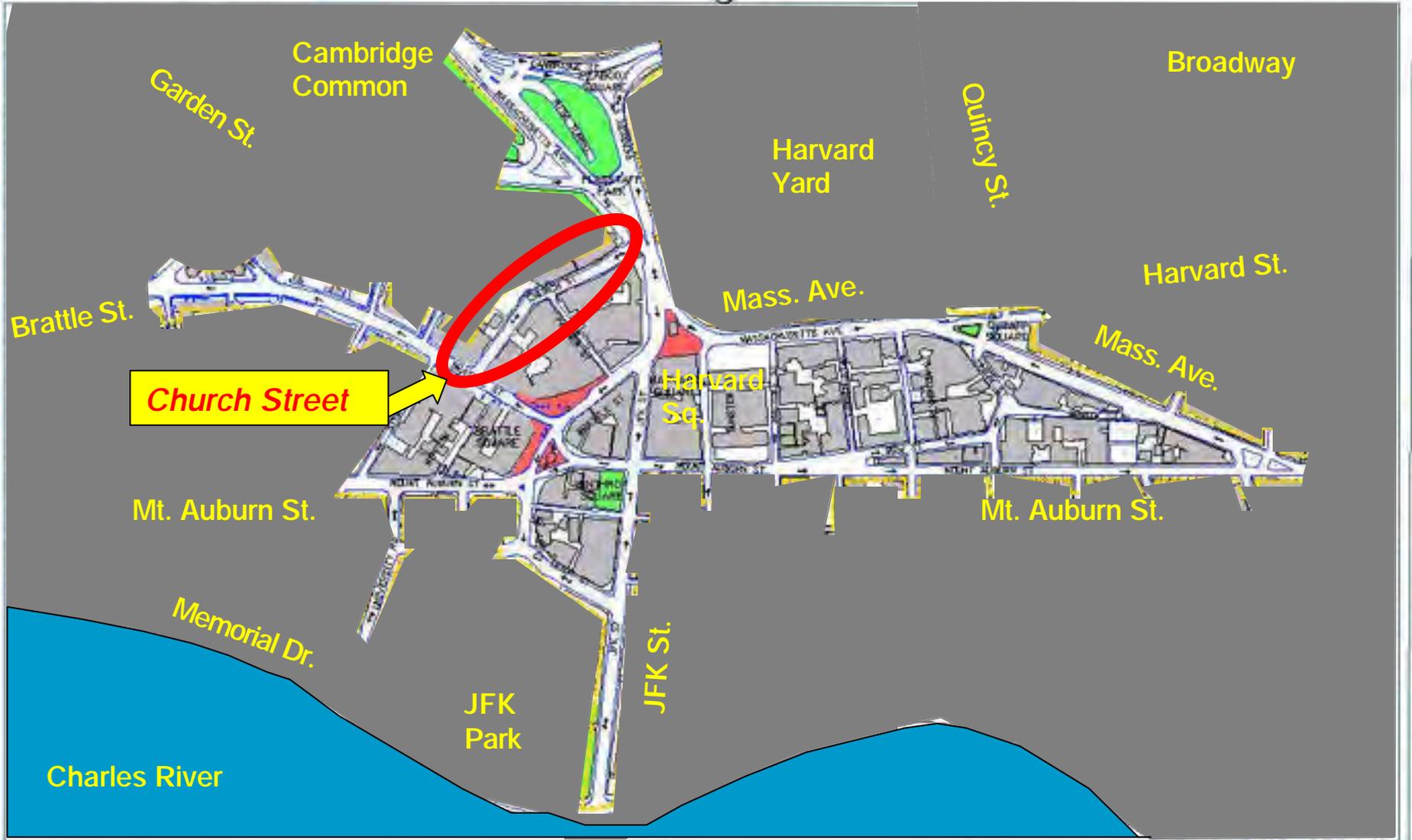


“OUTER” BRATTLE STREET 2-WAY TRAFFIC FLOW

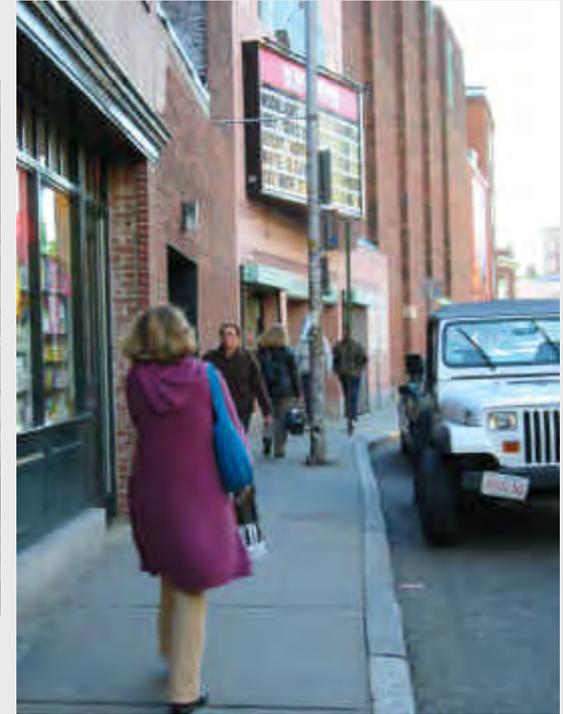


- ***Conventional 2-Way Street with Parking on Both Sides***
- ***Functions Well with “STOP” Sign at Eliot Street End***
- ***Variations Possible (Ex. 2-Way to Church Street Only)***

CHURCH STREET

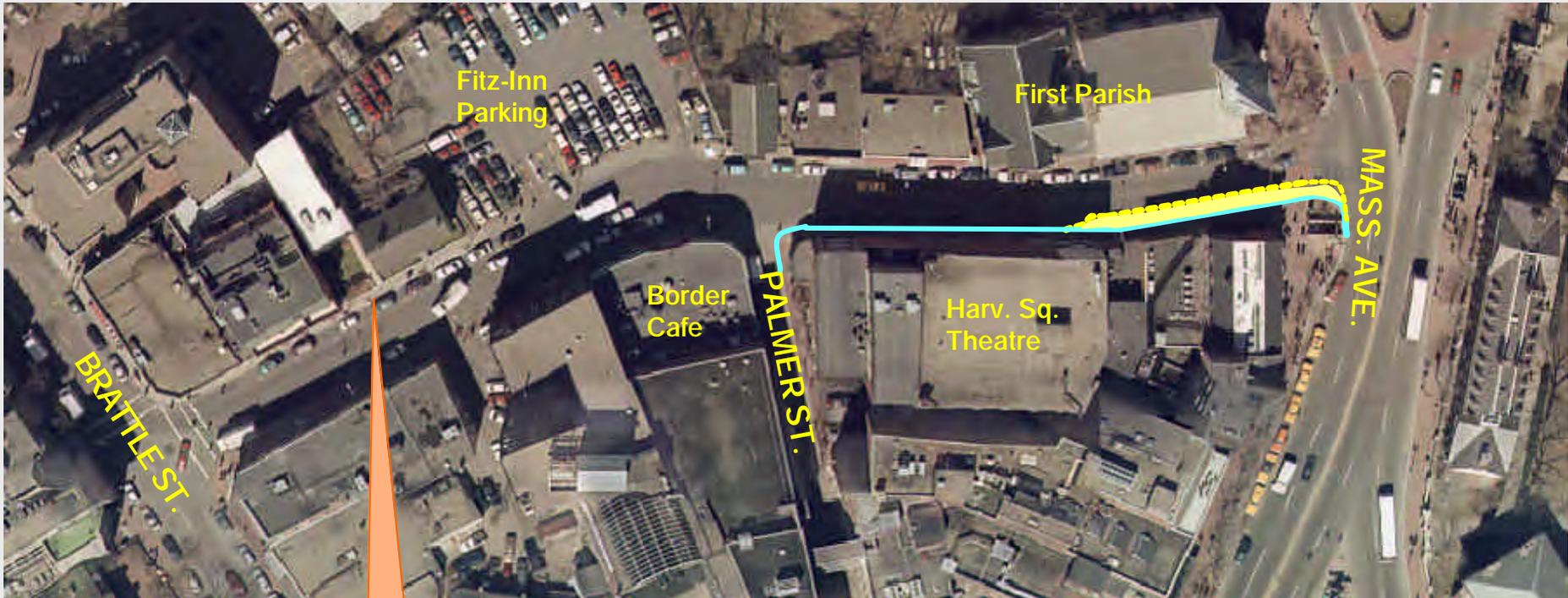


CHURCH STREET



TAMS *Edwards*
AND Kelcey

CHURCH STREET



Tree Grates

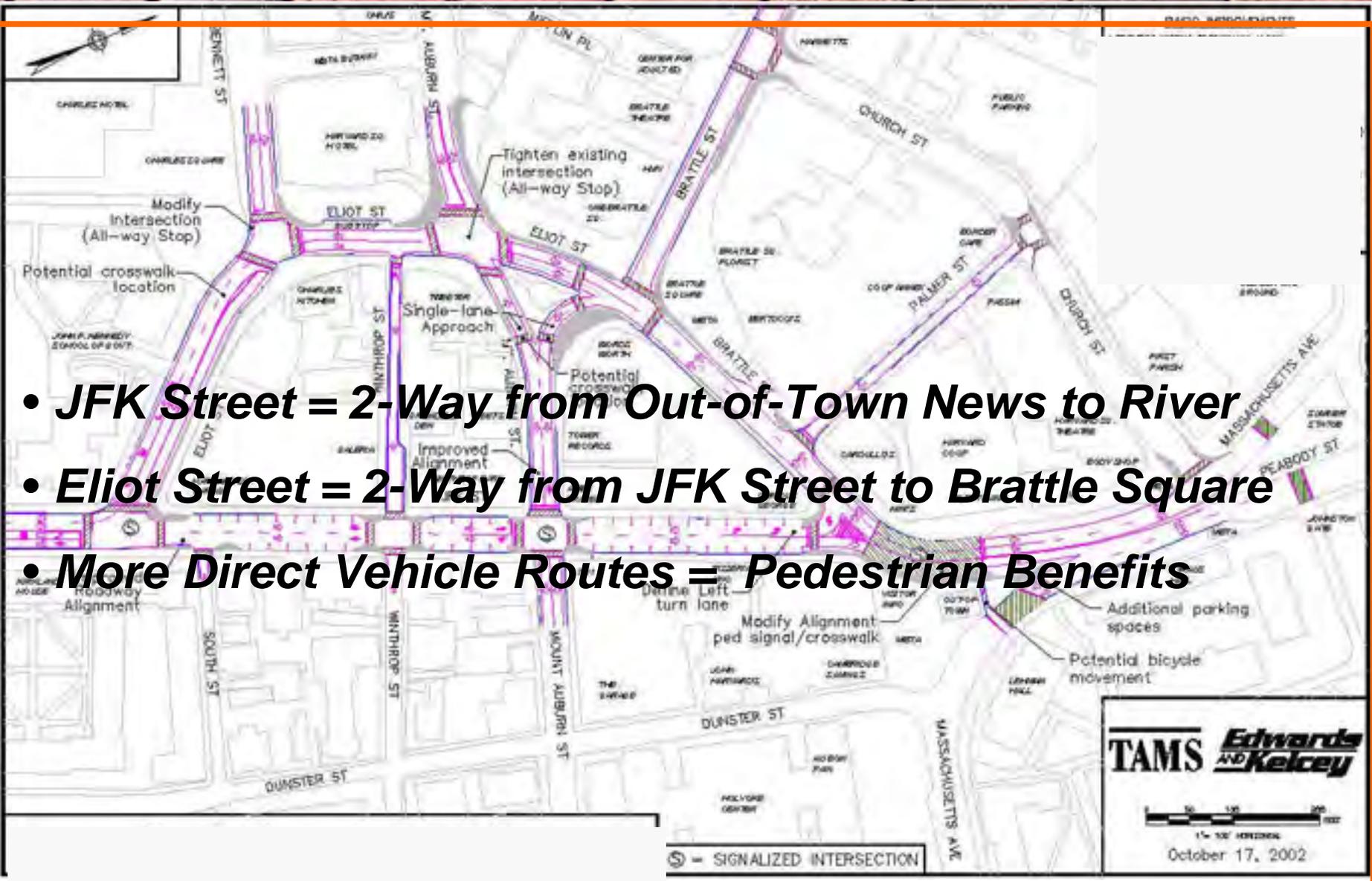
• *One-Way Street*

• *Spot Improvements*

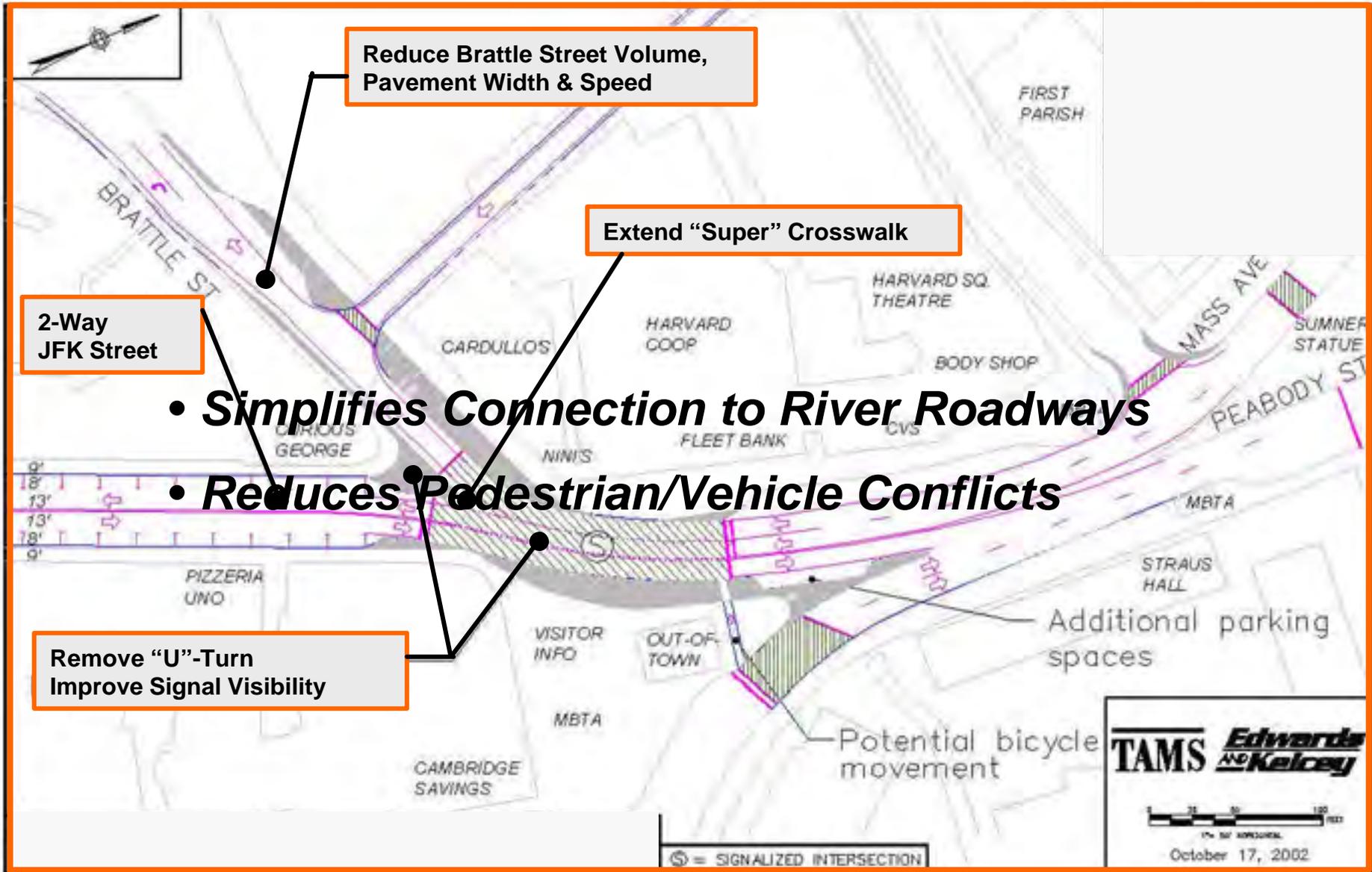
2-WAY JFK / 2-WAY ELIOT



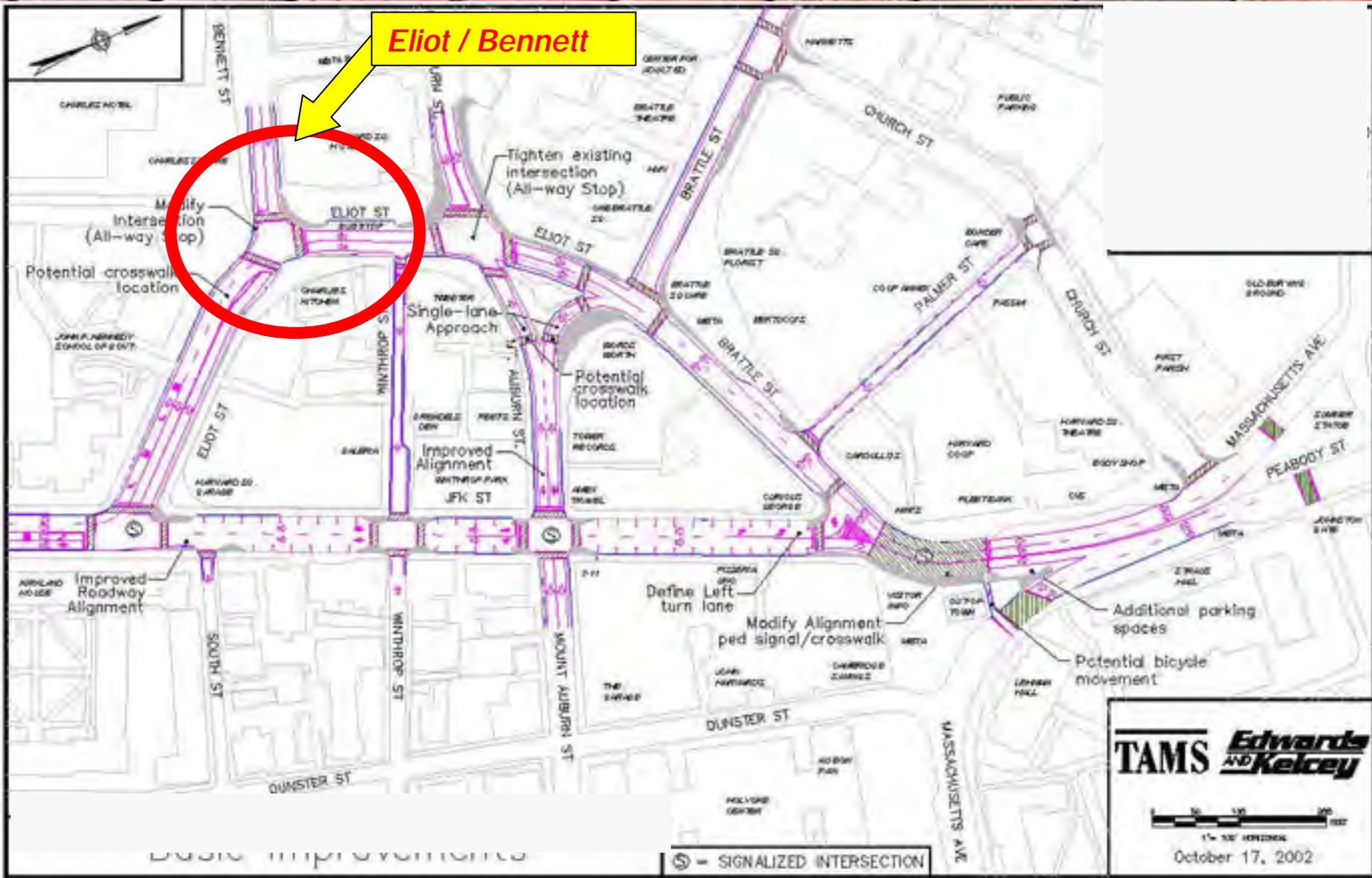
2-WAY JFK / 2-WAY ELIOT



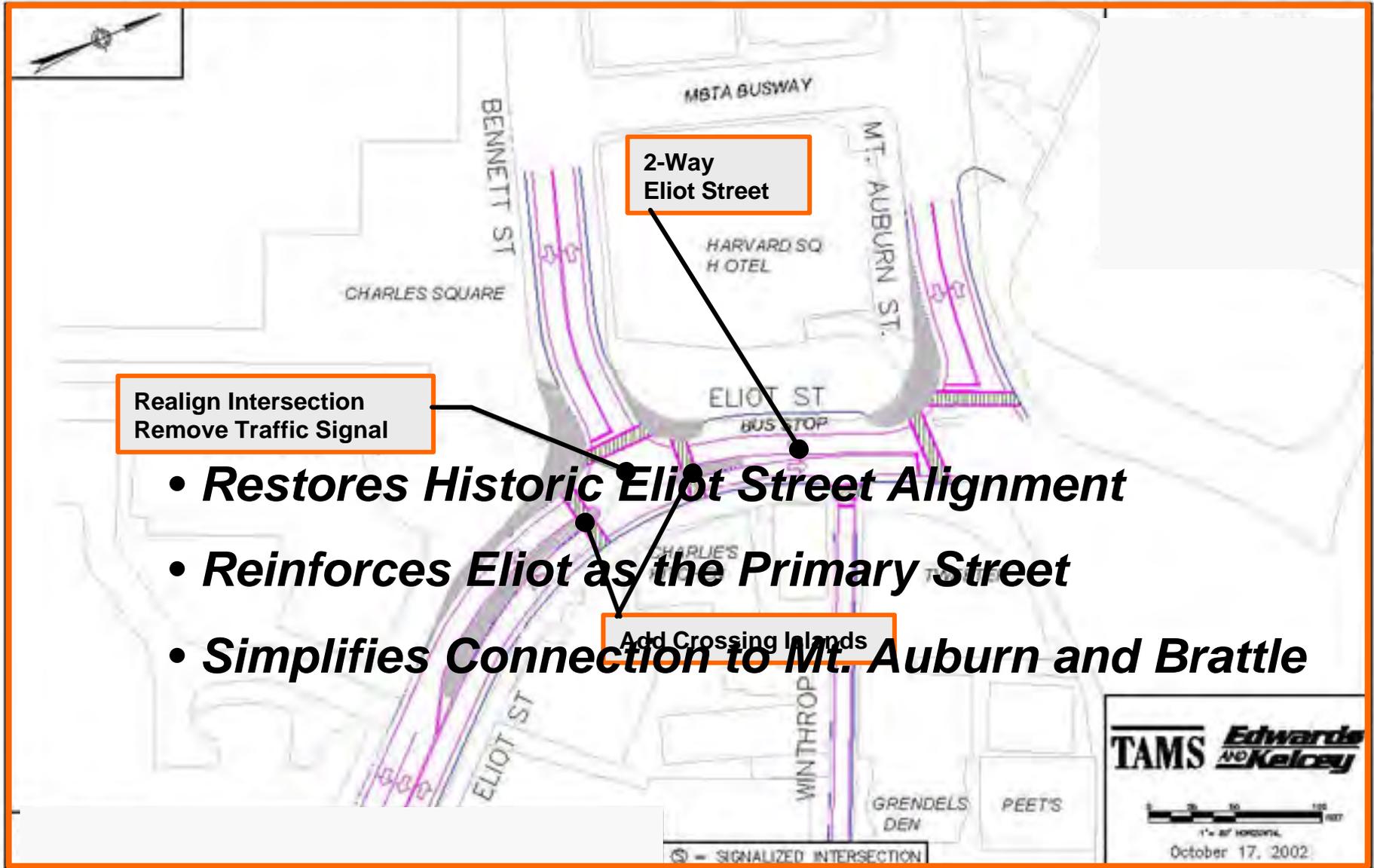
2-WAY JFK / 2-WAY ELIOT OUT-OF-TOWN NEWS



2-WAY JFK / 2-WAY ELIOT

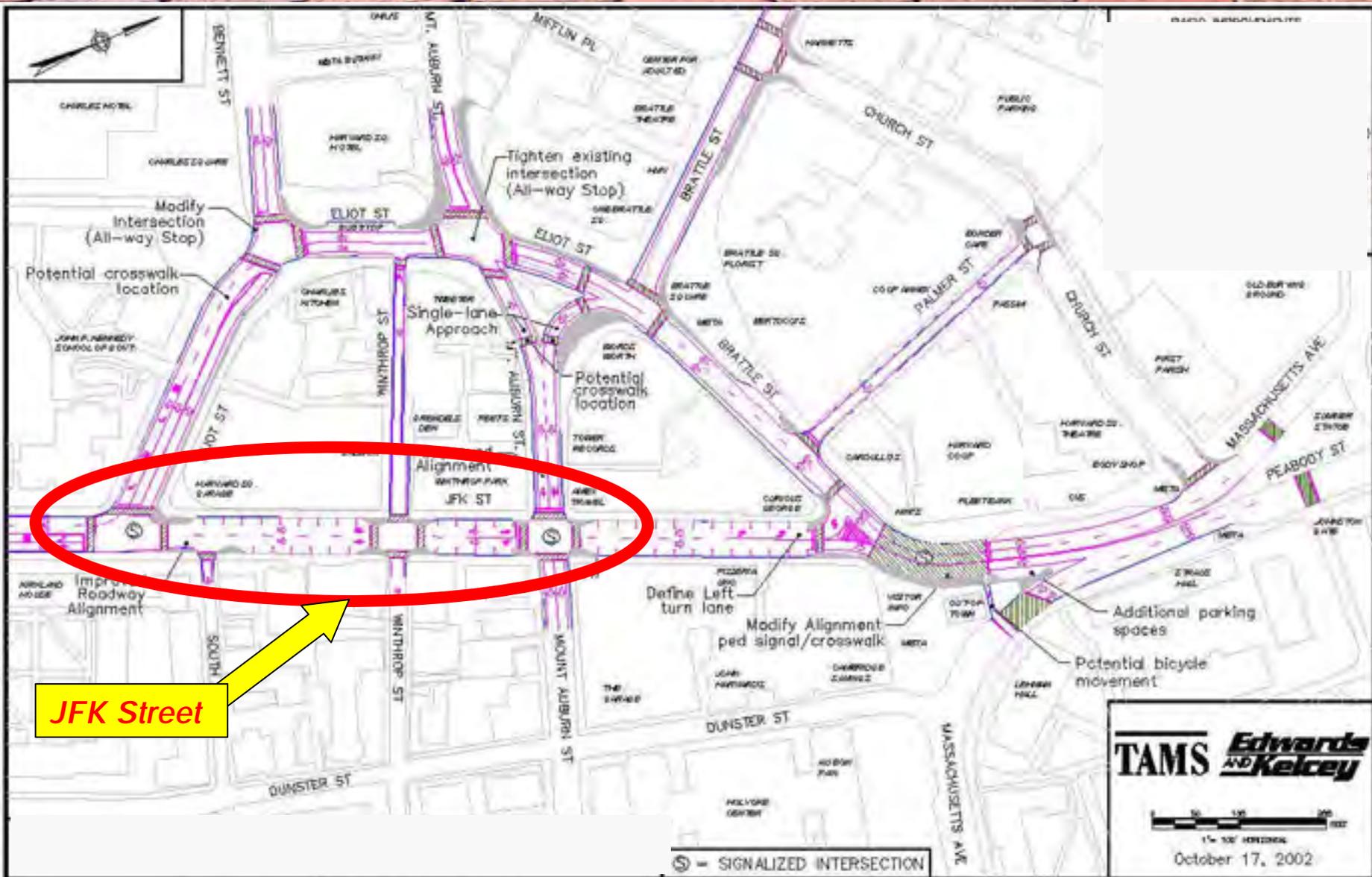


2-WAY JFK / 2-WAY ELIOT ELIOT / BENNETT INTERSECTION



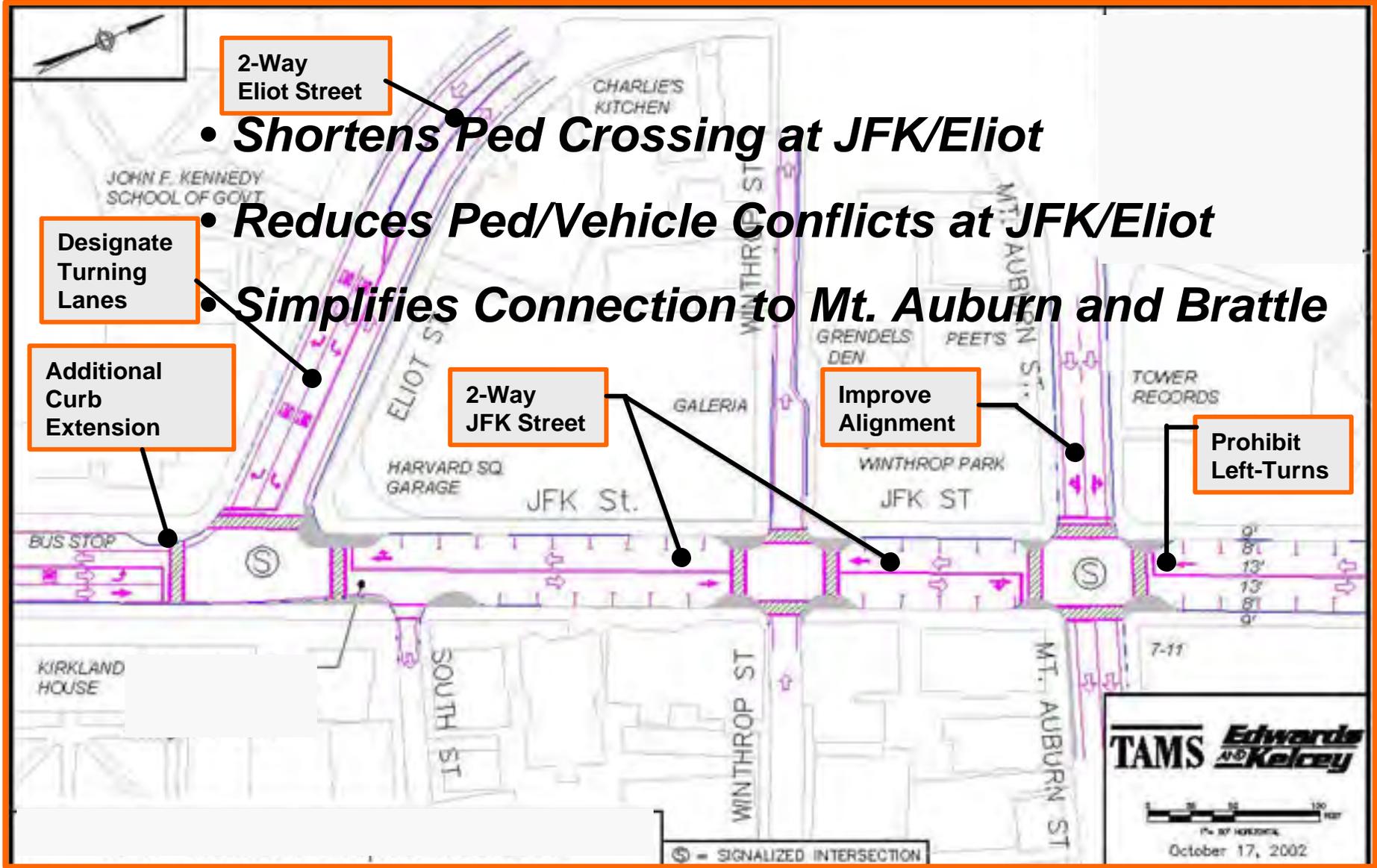
- ***Restores Historic Eliot Street Alignment***
- ***Reinforces Eliot as the Primary Street***
- ***Simplifies Connection to Mt. Auburn and Brattle***

2-WAY JFK / 2-WAY ELIOT



2-WAY JFK / 2-WAY ELIOT

JFK STREET IMPROVEMENTS



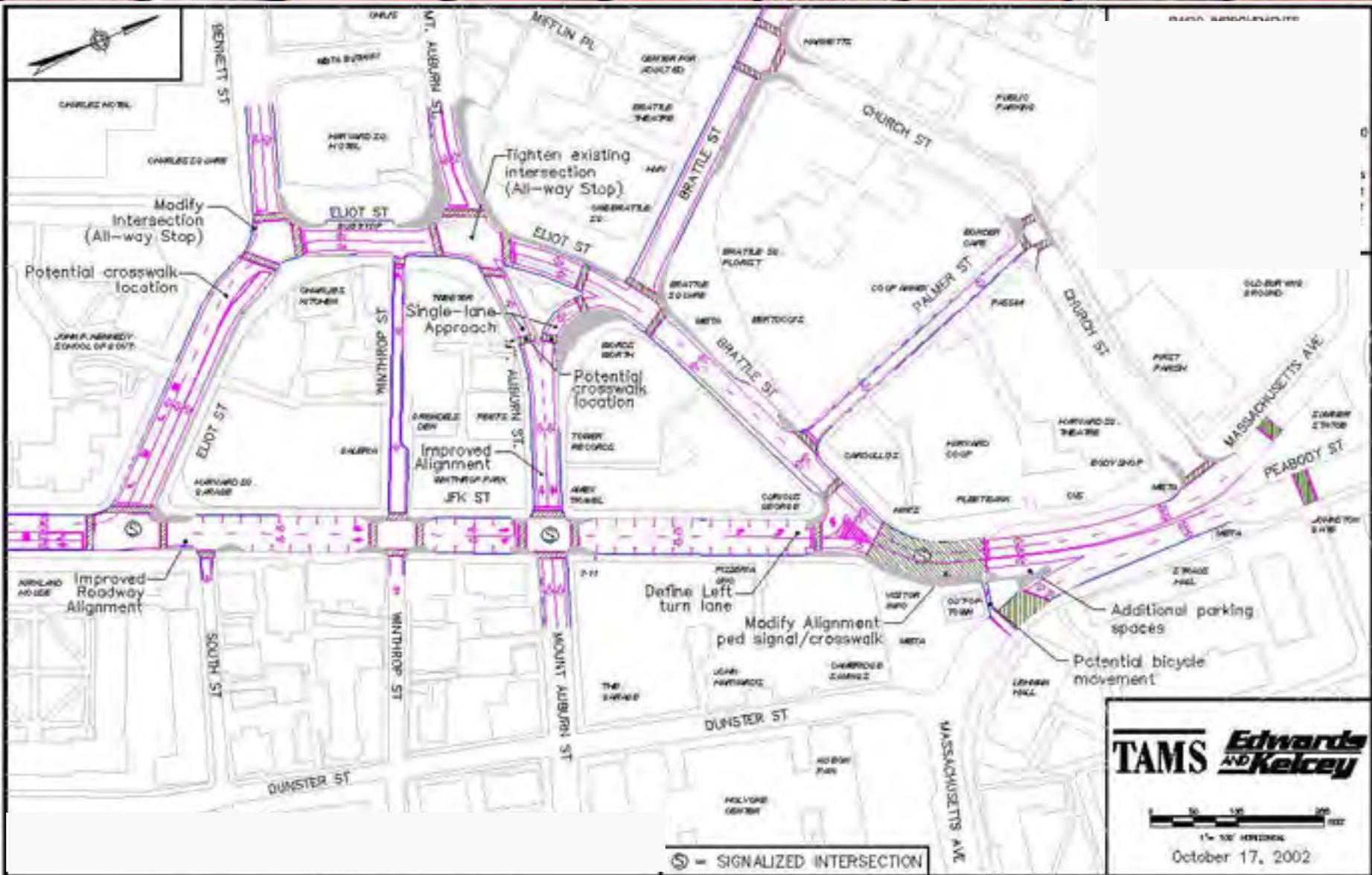
- Shortens Ped Crossing at JFK/Eliot
- Reduces Ped/Vehicle Conflicts at JFK/Eliot
- Simplifies Connection to Mt. Auburn and Brattle

S = SIGNALIZED INTERSECTION

TAMS Edwards and Kelcey

1" = 30' HORIZONTAL
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2-WAY JFK / 2-WAY ELIOT



SMALL GROUP DISCUSSIONS

