

# Massachusetts Ave. Corridor Project

## Phase 1

### Town of Arlington, Massachusetts



## PUBLIC INFORMATION MEETING

October 1, 2008



# Meeting Agenda

- Welcome
- Introductions
- History
- Project Overview
- Project Goals and Design Issues
- Streetscape
- Project Design Process/Next Steps
- Questions

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# Project Team

- Town Staff and Officials
  - Planning Department
  - Public Works
- Mass. Ave. Review Committee
- MassHighway
- FST Project Team
  - Fay, Spofford & Thorndike (FST)
  - Waterfield Design Group
  - Survey & Mapping Consultants
  - LEC Environmental



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# Project Overview

- Locally administered MassHighway project
- Cambridge Line to Pond Lane ~ 1 mile (5,300 feet)



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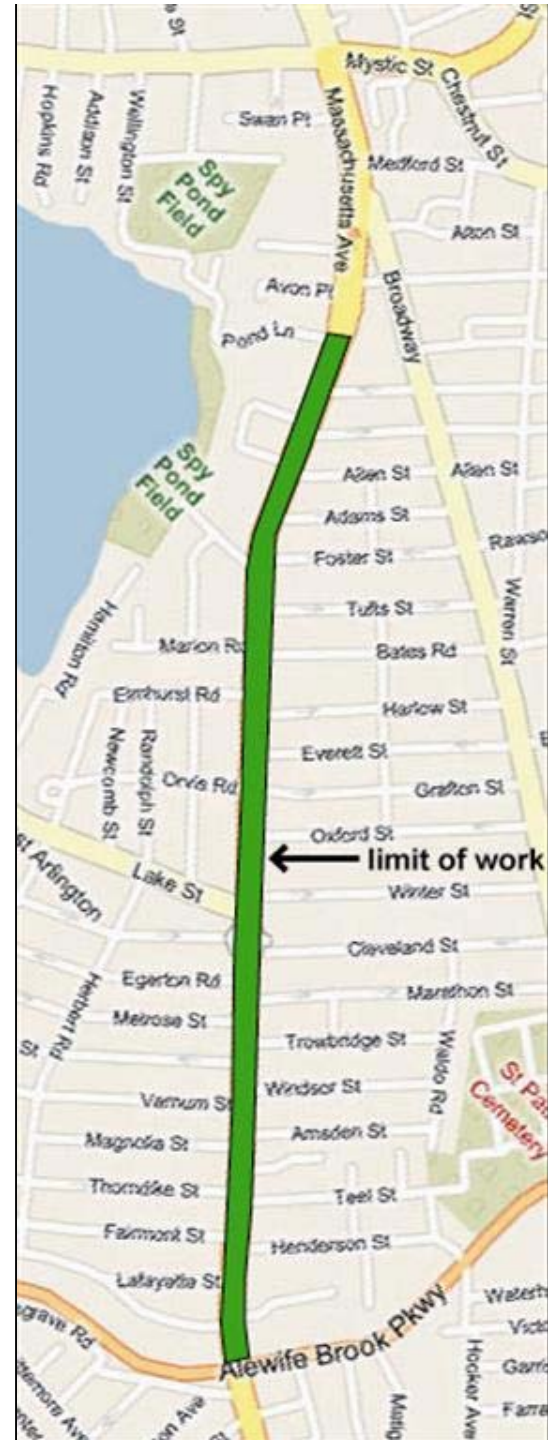
# Project Overview

- Locally administered MassHighway project
- Cambridge Line to Pond Lane ~ 1 mile (5,300 feet)

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# Project Goals

- ✓ Improve safety, access, and efficiency
- ✓ Improve streetscape along corridor
- ✓ Improve parking efficiency



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# Design Objectives

- Improve pedestrian safety and mobility
- Improve cyclist safety and mobility



- Improve the environment for transit users

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# Design Objectives



- Maintain motorist mobility

- Minimize through traffic on local neighborhood streets
- Create more orderly traffic flow







# Design Objectives

- Improve access to local businesses
- Enhance Streetscape



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# Design Issues

## Pedestrian & Cyclist Access

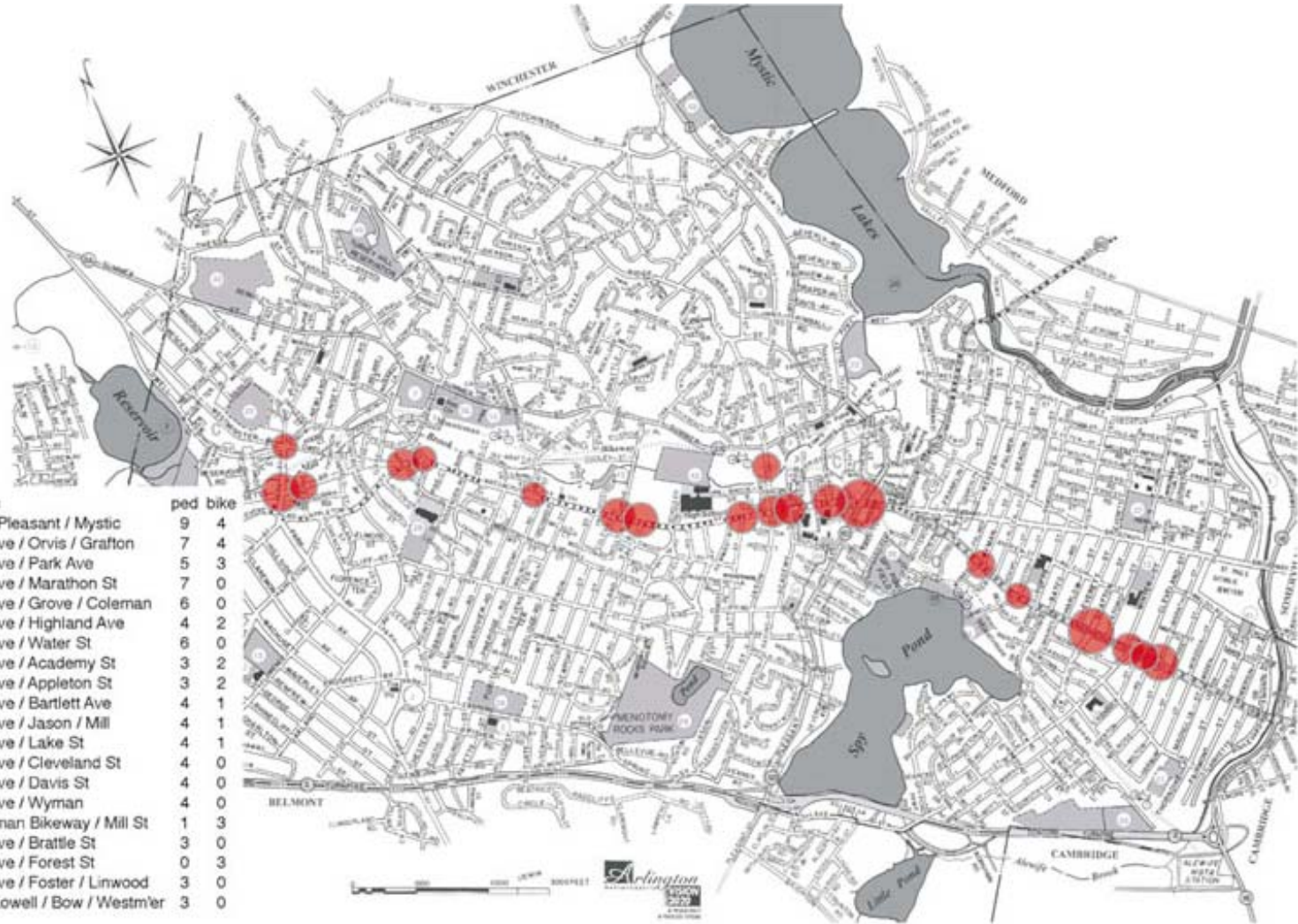
- Understand pedestrian and cyclist travel patterns
- Determine locations for additional pedestrian crossings
- Determine a clear path for bicyclists





# Design Issues

## Pedestrian & Cyclist Access



**Notes:**

1. Crash information comes from summaries of motor vehicle /pedestrian and motor vehicle / bicycle accident reports filed with the Commonwealth. It does not include pedestrian or bicycle falls, or collisions where no motor vehicle was involved. It covers the 12 years from 1990-2001.
2. This chart shows the 20 "hot spots" with 3 or more reported crashes; it does not depict all crashes that occurred. These "hot spots" account for approximately 36% of all reported motor vehicle / pedestrian crashes and approximately 18% of all motor vehicle / bicycle crashes.

**Pedestrian & Bicycle Crash "Hot Spots"**  
Town of Arlington (1990-2001)

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# Design Issues

## Traffic



- Roadway width
- Congestion
- Speed
- Conflicts with pedestrians and cyclists

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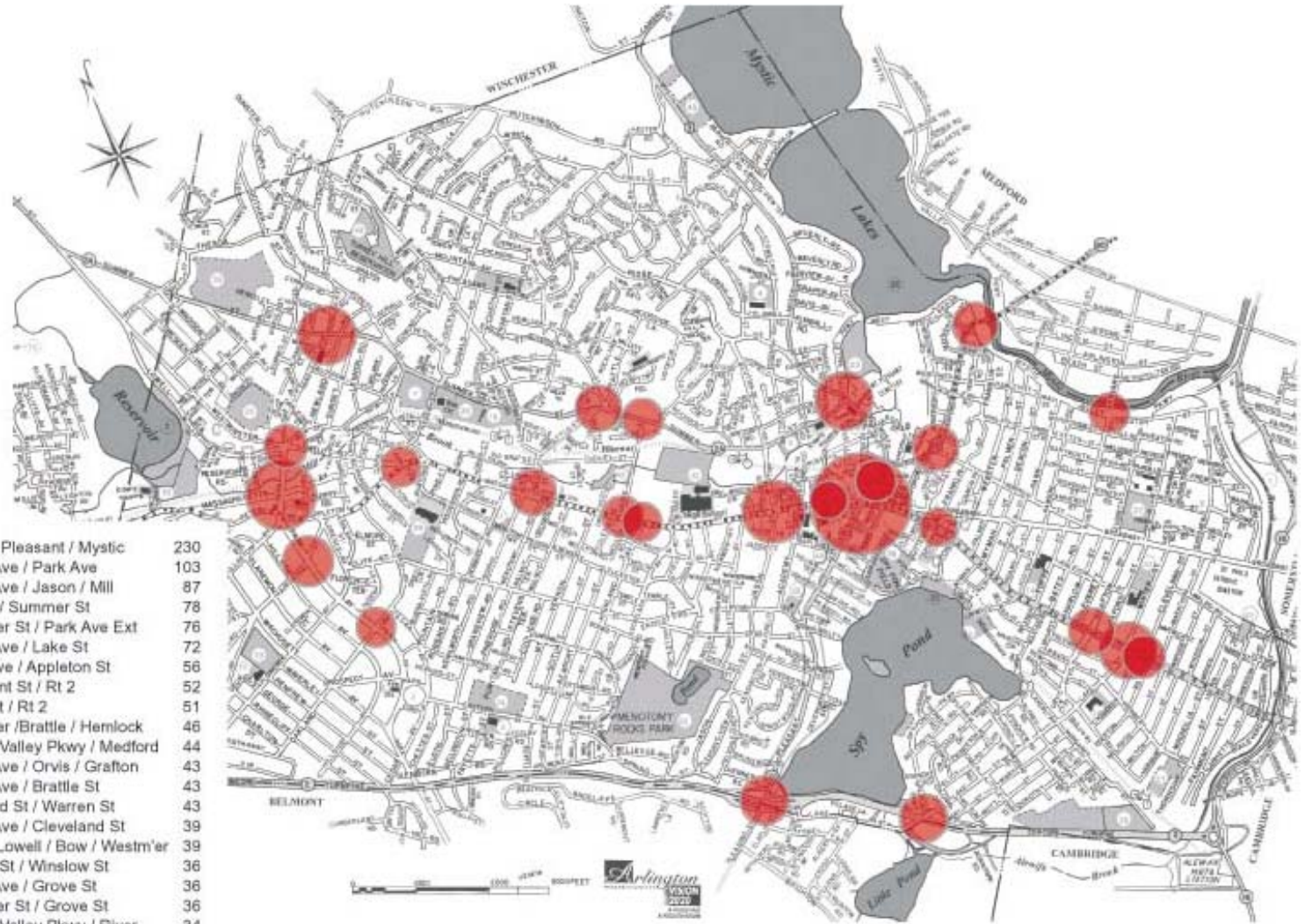
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# Design Issues

## Traffic



Mass / Pleasant / Mystic	230
Mass Ave / Park Ave	103
Mass Ave / Jason / Mill	87
Mystic / Summer St	78
Summer St / Park Ave Ext	76
Mass Ave / Lake St	72
Park Ave / Appleton St	56
Pleasant St / Rt 2	52
Lake St / Rt 2	51
Summer / Brattle / Hemlock	46
Mystic Valley Pkwy / Medford	44
Mass Ave / Orvis / Grafton	43
Mass Ave / Brattle St	43
Medford St / Warren St	43
Mass Ave / Cleveland St	39
Park / Lowell / Bow / Westm'er	39
Mystic St / Winslow St	36
Mass Ave / Grove St	36
Summer St / Grove St	36
Mystic Valley Pkwy / River	34
Mass Ave / Appleton St	34
Park Ave / Oakland	33
Mass Ave / Highland Ave	33
Mass Ave / Water St	30
Mass Ave / Franklin St	30

**Notes:**

1. Crash information comes from summaries of motor vehicle accident reports filed with the Commonwealth. It covers the 12 years from 1990-2001.
2. This chart only shows the 25 "hot spots" with 30 or more crashes; it does not depict all crashes that occurred. These "hot spots" account for approximately 16% of all reported crashes.

**Crash "Hot Spots"**  
Town of Arlington (1990-2001)

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# Design Issues

## ADA Compliance

- Design sidewalk and pedestrian ramps to meet current ADA Regulations





# Design Issues

## Parking

- Identify parking opportunities and constraints
- Provide adequate parking to accommodate local businesses



- Identify truck loading and unloading zones for local businesses



# Design Issues

## Drainage

- Improve drainage and stormwater management along corridor



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# Mass Ave in East Arlington



## Transition from Arlington Center to East Arlington

- *Minuteman Bike Path*
- *Spy Pond*
- *Major Pedestrian*
- *Crossings at Linwood St*

## East Arlington Business District

- *Retail Center*
- *Social Center*
- *Capital Theatre*
- *Pedestrian Crossings*
- *Lake Street*

## Gateway from Cambridge Line

- *Town Identity*
- *Bicentennial Park*
- *Alewife Brook*
- *Future Bike Path*

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# Transition from Arlington Center



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# Transition from Arlington Center



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# East Arlington Business District Lake Street



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# East Arlington Business Center



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# Gateway Cambridge Line - Alewife



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# Gateway at Cambridge Line



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# Gateway at Cambridge Line



## Arlington 1867

*"Two centuries,  
with their snows, have bent  
The ancient guardians  
of the land  
And their broad branches  
have o'erspanned"*



## West Cambridge 1807



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# How do we transform **MASS AVE** into a **GREAT** pedestrian & bike friendly street ?



RENDERING COURTESY OF ELKUS MANFREDI ARCHITECTS

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# Generous right-of-way



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# Parking & Bikes



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# Crosswalks



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# Curb Extensions



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# Pavements & Accessibility



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# Street Trees & Plantings



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# Street Furniture



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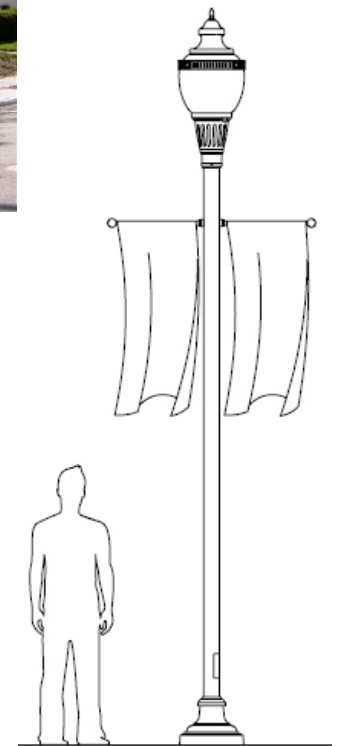
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# Lighting & Signals



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# Project Design Process

## Design Schedule

**Sept. – Nov. 2008**

Survey

**Sept. – Jan. 2009**

Community Outreach &  
Conceptual Design

**March 2009**

Preliminary Design (25%)

**February 2010**

Final Design

**Summer/Fall 2010**

Advertise for Construction

**Spring 2011**

Construction Begins

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## Next Steps...

- Public Workshop – October 23, 2008
- Informational Meeting
  - Anticipated January 2009
- Preliminary Design (25%)
  - Submit to MassHighway
- 25% Design Public Hearing
  - Anticipated Spring 2009

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# Massachusetts Ave. Corridor Project Phase 1

Town of Arlington, Massachusetts



Questions and Comments?

# Massachusetts Ave. Corridor Project

## Town of Arlington, Massachusetts

### Design Objectives

- ★ Improve Pedestrian safety and mobility.
  - ★ Improve cyclist safety and mobility.
- ★ Improve the environment for transit users.
  - ★ Maintain motorist mobility.
- ★ Minimize through traffic on local neighborhood streets.
  - ★ Create more orderly traffic flow.
  - ★ Improve access to local businesses.
    - ★ Enhance the streetscape.