Kendall Square Committee
June 16, 2011

Agenda

1. Introductions
2. Infrastructure –
   a) Street Design
   b) Broadway
   c) Main Street
4. Public Comment
What is good street and sidewalk design?
Pedestrians
Accessibility – ADA
Pedestrians

Universal Design – Moving Beyond ADA
Pedestrians – Sidewalk Materials
Pedestrians – Curb Extensions
Pedestrians – Raised Crosswalks
Pedestrians – Seating / Gathering Places
More People Bicycling
Between 2002 and 2008, the number of people bicycling in Cambridge at least doubled.
City has over 18 miles of bike lanes
Bike Parking
Percentages of Residents who Walk and Bike to Work in Select US Cities

<table>
<thead>
<tr>
<th>City</th>
<th>Walking</th>
<th>Biking</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA (National Data)</td>
<td>2.8%</td>
<td>0.5%</td>
</tr>
<tr>
<td>New Orleans, LA</td>
<td>6.2%</td>
<td>1.4%</td>
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<tr>
<td>Philadelphia, PA</td>
<td>8.2%</td>
<td>1.3%</td>
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<tr>
<td>Providence, RI</td>
<td>8.5%</td>
<td>1.0%</td>
</tr>
<tr>
<td>Portland, OR</td>
<td>4.9%</td>
<td>4.7%</td>
</tr>
<tr>
<td>Minneapolis, MN</td>
<td>6.6%</td>
<td>3.5%</td>
</tr>
<tr>
<td>New York, NY</td>
<td>10.1%</td>
<td>0.6%</td>
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<td>Seattle, WA</td>
<td>8.8%</td>
<td>2.5%</td>
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<tr>
<td>San Francisco, CA</td>
<td>9.5%</td>
<td>2.5%</td>
</tr>
<tr>
<td>Washington, DC</td>
<td>11.7%</td>
<td>2.0%</td>
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<tr>
<td>Somerville, MA</td>
<td>9.8%</td>
<td>4.6%</td>
</tr>
<tr>
<td>Boston, MA</td>
<td>14.0%</td>
<td>1.2%</td>
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<tr>
<td>Boulder, CO</td>
<td>9.7%</td>
<td>9.2%</td>
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<tr>
<td>Berkeley, CA</td>
<td>16.6%</td>
<td>9.4%</td>
</tr>
<tr>
<td>Cambridge, MA</td>
<td>22.5%</td>
<td>5.8%</td>
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</tbody>
</table>

Source: American Community Survey 2006-2008
Over 18,000 people take the redline, busses, EZ-Ride Shuttle & Galleria Shuttle in Kendall Square daily.
Lighting
Broadway
Deteriorated Roadway & Sidewalk

**Project Goals:**

- Improve condition of roadway and sidewalk.
- Enhance pedestrian and bicycle facilities.
- Maintain appropriate vehicular capacity.
Volpe Crosswalk

Project Goals:
- Improve pedestrian safety by
  - shortening crosswalk.
  - eliminating double jeopardy.
Project Goals:
• Improve hotel edge and taxi zone.
• Reduce conflicts between taxi zone and bike lane.
Broadway Streetscape

Street Layout Plan
Project Goals:
• Increase quantity and quality of greenspace.
• Plant additional street trees.
Main Street Users

- Transit -- Bus, MBTA, Primary Shuttles (4,500)
- Pedestrians Along Main (1,650)
- Pedestrians Across Main (1,200)
- Vehicles on Main (500)
- Cyclists on Main (100)

Main Street – PM Peak Hour
92% of pedestrians cross Main Street when the drivers have the green light.
Galaxy Park
Main / Third / Broadway
Main Street – Next Steps

• Review Curb Alignments
• Upcoming Details