First Avenue/Second Avenue SBS

Agenda

Project Overview
Project Schedule
Design Goals
Proposed Design
CB3 Issues
Next Steps
About the Corridor

8.5 miles from South Ferry to 125th Street

Currently served by M15 bus route

- Over 57,000 weekday riders
- Bus speeds have been declining
- Ridership has been decreasing

Within a ¼ mile:

- 537,000 residents
- 78% of households do not own a car
- 57% of residents commute by transit
## SBS Features

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Local service</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Limited service</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Simpler service pattern</td>
<td>No</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Off-board fare collection</td>
<td>No</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Regular bus fare</td>
<td>Yes</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Improved bus lanes</td>
<td>No</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Bus bulbs</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Transit Signal Priority</td>
<td>No</td>
<td>No</td>
<td>Yes (below Houston St)</td>
</tr>
</tbody>
</table>
Public Outreach

Community Advisory Committee

Composed of:
- Elected Officials
- Community Boards
- Major Institutions
- Community Organizations
- Business Representatives
- Transit Customers

Meetings in May 2009, September 2009, January 2010

Community Board Meetings

Board 1 meeting: December 2009
Meetings with Boards 3, 6, 8 and 11: February/March 2010

Public Open Houses

March 18 and 24, 2010
First Avenue/Second Avenue SBS

2010 Schedule

Outreach

CAC meeting #3: street design
CB meetings, First open house
CAC meeting #4: curb regulations
CAC meeting #5
Second open house

Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec

Finalize station locations
Finalize Phase 1 design
CEQR/SEQR review complete
Begin installation of physical elements
Complete installation of physical elements
Phase 1 SBS Service begins

Project Milestones
Design Goals

Improve bus service

Sources of delay on M15 Limited

- Bus in Motion: 54%
- Stopped at Bus Stops: 22%
- Stopped During Red Lights: 21%
- Other Delays: 4%
Fordham Road Select Bus Service

Features:
- Curbside Bus Lane
- Off-Board Fare Collection
- Transit Signal Priority

Results:
- Travel Time: 20% reduction in running time
- Ridership: 10% increase from October 2007 to October 2008
- Customer Satisfaction: 98% satisfied or very satisfied
Design Goals

Improve bus service

Improve pedestrian safety

Pedestrian safety data, 2006-2008

<table>
<thead>
<tr>
<th>Avenue</th>
<th>Pedestrian fatalities</th>
<th>Pedestrian crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Avenue</td>
<td>7</td>
<td>538</td>
</tr>
<tr>
<td>Second Avenue</td>
<td>4</td>
<td>597</td>
</tr>
</tbody>
</table>
Design Goals

Improve bus service

Improve pedestrian safety

Improve bicycle access on the East Side
Protected Bicycle Paths and Pedestrian Improvements

Features:
- Physically separated right-of-way
- Pedestrian refuge islands
- Floating Parking
- Trees and plantings

<table>
<thead>
<tr>
<th>Location</th>
<th>Pedestrian injuries</th>
<th>Bike volumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadway</td>
<td>↓ 40%</td>
<td>↑ 50%</td>
</tr>
<tr>
<td>Ninth Avenue</td>
<td>↓ 29%</td>
<td>↑ 37%</td>
</tr>
<tr>
<td>Grand Street</td>
<td>↓ 28%</td>
<td>↑ 29%</td>
</tr>
</tbody>
</table>
Design Goals

Improve bus service
Improve pedestrian safety
Improve bicycle access on the East Side
Maintain traffic flow
Allow curb access for deliveries, dropoffs and short-term parking
Design B
First Avenue/Second Avenue SBS

Corridor Map

- SBS Station
- A: Offset Bus Lane, Protected Bike Path
- B: Curb Bus Lane, Protected Bike Path
- C: Curb Bus Lane, Shared Bike Lane
- No change to street design
- Construction Zone
Community Board 3

First Avenue/Second Avenue SBS

Design A

Design B

MTA
New York City Transit
CB3 Station Locations
Oliver Street

Northbound SBS at near side of Oliver St

Southbound SBS at near side of Oliver St
Grand Street

Northbound SBS at near side of Broome St, north of local stop

Southbound SBS at far side of Grand St, local at near side
Houston Street

Northbound SBS at far side of 2\textsuperscript{nd} St, local at far side of 1\textsuperscript{st} St

Southbound SBS at far side of Houston St, south of local stop
First Avenue/Second Avenue SBS

14th Street/First Avenue (Northbound)

SBS at far side of 14th Street, north of local stop
14th Street/Second Avenue (Southbound)

SBS at far side of 14th Street, south of local stop
Next Steps

Next meetings

Community Board Meetings – February/March 2010
Public Open Houses – March 2010
Fourth CAC meeting – April 2010
Questions and Comments?