First Avenue / Second Avenue Select Bus Service
Community Advisory Committee
Meeting #1

Date: May 13, 2009
Time: 6:00pm
Location: 1 Centre Street, 19th Floor

AGENDA

1. Welcome/Introductions
2. Community Advisory Committee
   a. Schedule
   b. Purpose
   c. Additional community engagement
3. Bus Rapid Transit and Select Bus Service
   a. Overview of BRT
   b. Bx12 Select Bus Service
4. First Avenue/Second Avenue Select Bus Service
   a. Schedule
   b. Project description
5. Next Meetings
   a. Bx12 SBS project tour
   b. CAC meeting in September
6. Adjourn (by 8:00pm)
First Avenue/Second Avenue SBS Community Advisory Committee Meeting
Manhattan Borough President’s Office
Wednesday, May 13, 2009
First Avenue/Second Avenue SBS

Agenda

Introductions

About the Community Advisory Committee and project outreach efforts

BRT/SBS in New York City

First Avenue/Second Avenue SBS

Design and service issues

Next steps
About the First Ave/Second Ave CAC

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

Role:
- To provide opportunities for input as project design and implementation progresses
- To keep key stakeholders up to date on the project
- To provide stakeholders with information to pass on to other constituents about project details and outreach efforts
- To ensure that key issues are not overlooked
First Avenue/Second Avenue SBS

First Ave/Second Ave SBS: Timeline

2002 2003 2004 2005 2006 2007 2008

“BRT for New York City” study focuses on 1st/2nd Ave

NYCT/DOT initiate NYC BRT study

NYC BRT study selects 1st/2nd Ave as one of five BRT corridors for further development

1st/2nd Ave identified as next SBS corridor for implementation
First Avenue/Second Avenue SBS

First Ave/Second Ave SBS: Timeline

- **2009**
  - Spring | Summer | Fall | Winter
  - First 1st/2nd Ave CAC meeting
  - CAC Tour of Fordham Rd SBS

- **2010**
  - Spring | Summer | Fall | Winter
  - Second 1st/2nd Ave CAC meeting, public workshops, open houses
  - Phase I SBS Implementation

- **2011**
  - Spring | Summer | Fall | Winter
  - Phase II SBS Implementation (capital project)
Community Planning Process

11 meetings to date with elected officials and Community Boards about First Ave/Second Ave SBS

Transition from corridor identification to route design

CAC will enable future community engagement
Ongoing Community Engagement

Community Advisory Committee will meet every 2-3 months over the next two years.

Public Open Houses will take place at key points, with first meeting tentatively scheduled for Fall 2009.

Project newsletters (print and email) and web site (www.nyc.gov/brt)
What is BRT?

Bus Rapid Transit

- Premium transit service using rubber-tired vehicles
- High capacity, low cost system to improve urban mobility

Select Bus Service

- New York City’s first phase of BRT
- Improves bus speed and reliability
- Being implemented on five corridors across NYC
First Avenue/Second Avenue SBS

Speed
First Avenue/Second Avenue SBS

Reliability
First Avenue/Second Avenue SBS

Comfort
First Avenue/Second Avenue SBS

Ease of Use

Westbound to Inwood
Bus Speeds in NYC vs. Other Cities

New York: 8.1 MPH
Chicago: 9.7 MPH
Boston: 10.5 MPH
Washington: 11.2 MPH
Los Angeles: 12.3 MPH
First Avenue/Second Avenue SBS

Trend: Bus Speeds Dropping

Average Speed (MPH)

<table>
<thead>
<tr>
<th>Year</th>
<th>Speed (MPH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>9.1</td>
</tr>
<tr>
<td>2002</td>
<td>8.4</td>
</tr>
<tr>
<td>2006</td>
<td>8.1</td>
</tr>
</tbody>
</table>

New York City Transit
First Avenue/Second Avenue SBS

Challenges

Subway Ridership

Bus Ridership

1,600,000,000
1,200,000,000
800,000,000
400,000,000
0

MTA New York City Transit
First Avenue/Second Avenue SBS

Fordham Road SBS: Results

Travel Time: 20% reduction in running time

Ridership: 10% increase from October 2007 to October 2008

Customer Satisfaction: 98% satisfied or very satisfied
First Avenue/Second Avenue SBS

SBS Features

- Pre-Payment
- Bus Lanes
- Stations
- Passenger Info
- Branding
- Bus Signal Priority

MTA New York City Transit
First Avenue/Second Avenue SBS

Phase I BRT Corridors

LEGEND
- Implemented SBS Projects
- Phase I SBS Projects
First Avenue/Second Avenue SBS Corridor

8.5 miles from South Ferry to 125th Street
Currently served by M15 bus route
- 58,000 weekday riders
- Ridership has been decreasing due to slowing bus speeds

Within a ¼ mile:
- 537,000 residents
- 78% of households do not own a car
- 57% of residents commute by transit
First Avenue/Second Avenue SBS Features

**Improved Service**
Increased hours of service and simpler service pattern

**Signal Priority**
Transit signal priority between Houston Street and South Ferry

**Fare Collection**
Proof-of-payment fare system with fare pre-payment
First Avenue/Second Avenue SBS Features

**Bus Lanes**
Offset bus lanes from 125\textsuperscript{th} Street to Houston Street

**Bus Bulbs**
Bus bulbs extend sidewalk out to the bus lane, at BRT stations between 125\textsuperscript{th} Street and Houston Street
**First Ave/Second Ave SBS Features**

**Bus Lanes**
Offset bus lanes from 125th Street to Houston Street

**Bus Bulbs**
Bus bulbs extend sidewalk out to the bus lane, at BRT stations between 125th Street and Houston Street
Interaction with Second Ave Subway

During Construction
NYCT and DOT are working in close coordination with Second Avenue Subway construction to eliminate SBS station/routing conflicts.

In Operation
Under both Phase 1 and full-build of SAS, passenger demand on the M15 will remain high.
### First Ave/Second Ave SBS Phasing

<table>
<thead>
<tr>
<th>Element</th>
<th>Phase 1</th>
<th>Phase 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved Service Pattern</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Enhanced Bus Lane</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Proof of Payment Fare Collection</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Branding</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Low-Floor Buses</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Transit Signal Priority</td>
<td>Possible</td>
<td>✔️</td>
</tr>
<tr>
<td>Bus Bulbs</td>
<td></td>
<td>✔️</td>
</tr>
</tbody>
</table>
Design and Service Issues

Bus Stop Locations

Bus Bulb Design

Design at congested locations
  - Midtown Tunnel
  - 59th Street Bridge
  - 125th Street
  - Others

Curbside Regulations
  - Left Side
  - Right Side

Bike Lane Design

Right-of-way treatments south of Houston

Other Issues?
Bus Bulb Design
First Avenue/Second Avenue SBS

Bus Bulb Design

Plan View

MTA New York City Transit
First Avenue/Second Avenue SBS

Next Steps

Questions/Comments

Next Meetings

- CAC Tour of Fordham Road SBS – Summer 2009
- Second CAC meeting – September 2009
- Open House – Fall 2009