Agenda

- Project background
- Phase 1
  - Improvements
  - Results
- Phase 2 Capital Project
  - Summary
  - Details about improvements in CB5
  - Timeline
Project Background
SBS Overview

- The Bx41 SBS launched on June 30, 2013 (replacing the Bx41 Limited)
- The project has been split into two phases:
  Phase I: 2013 Improvements (complete)
  Phase 2: 2015-16 Capital Project
Community outreach process

- Community Advisory Committee (CAC) meetings:
  1. February 6, 2012
  2. May 2, 2012
  3. September 27, 2012

- Public open houses
  1. May 16, 2012
  2. January 8, 2013

- Door-to-door surveys of local businesses and institutions

- Community Board meetings in Spring 2013
Community input

Top priorities:
1. Bx41 bus service
2. Pedestrian safety
3. Curb access and parking
4. Accommodating future development
Phase I
2013 Improvements
Bus Lanes

- Webster Avenue from E 165 St to E Gun Hill Road
- 4-miles (8 lane-miles)
- NYPD increased enforcement to keep the lanes clear for buses and emergency vehicles

Webster Av / E 178 St
Pedestrian Safety Islands/Medians

9 Pedestrian safety islands
1. E 168 St mid-block
2. E 169 St
3. E 170 St mid-block
4. E 171 St
5. Clay Av
6. E Tremont Ave / Valentine Ave
7. E 193 St
8. E 195 St
9. E 197 St

Located in CB5

2 Medians
1. E 205 St / Parkside Pl
2. E Tremont Av (extension of existing)

Webster Ave / E Tremont Ave
Webster Av & CBE - Before
Webster Av & CBE - Before
Webster Av & CBE - After

- Ittner Pl, one-way WB
- NB Bus Lane
- Two Thru Lanes to bypass CBE queues
- CBE On-Ramp Right-Turn Lanes
Webster Av & E Tremont Av - Before
Webster Av & E Tremont Av - After

- Protected pedestrian space
- Extended sidewalk and new shelter for SBS stop
- Banned SB left-turn
- New mid-block crosswalk with extended median refuge
- Protected pedestrian space
Webster Av & Fordham Rd - Before
Webster Av & E Fordham Rd - After

Banned EB/WB left-turns on Fordham Rd, allotted signal time to Webster Av

Bus and Right-Turn Lane approaching E Fordham Rd

Extended Left-Turn Lanes on Webster Av
Preliminary Results - Bx41 Weekday Travel Time

Average Weekday Travel Time (in minutes)

<table>
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<th>AM PEAK (7am-9am)</th>
<th>PM PEAK (4pm-6pm)</th>
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<td>NB</td>
<td>44</td>
<td>52</td>
</tr>
<tr>
<td>SB</td>
<td>41</td>
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**Before**
Bx41 LTD
Nov 2012

**After**
Bx41 SBS
Nov 2013

19% 19% 23% 21%
Preliminary Results - Bx41 Weekday Ridership

Before (2012)
- Bx41 LTD
- Nov 2012

After (2013)
- Bx41 Local
- Bx41 SBS
Phase 2
Capital Project
Bus bulbs

CB5

M15 Bus Bulb on 1st Avenue, Manhattan

B44 Bus Bulb on Nostrand Avenue, Brooklyn
Planted medians

**Maintenance partner required**

Grand Concourse, Bronx

Adams Street, Downtown Brooklyn
Pedestrian Improvements

- Neckdowns
- Sidewalk extensions
- Improved roadway geometry

Atlantic Avenue, Brooklyn
E Tremont Av (CB5)

- Pedestrian Improvements
- Additional Parking
E 180 St
E 180 St SBS Stations

Bx41 SBS Bus Bulb

Bx41 Local / Bx36

Webster Avenue

Western Beef

Bx41 SBS Bus Bulb

North
E Fordham Rd
E Fordham Rd SBS Stations

- Bx41 SBS / Bx41 Local Bus Bulb
- Expanded Median

Webster Avenue
Rose Hill Park

MTA New York City Transit
Project timeline

- Phase 1
  - Spring 2013 Roadway improvements
  - Summer 2013 Launch SBS Service
  - Summer 2014 Transit Signal Priority

- Phase 2 (Capital Project)
  - Spring 2015 Complete Final Design
  - Summer 2015 Start construction (estimated)
  - Fall 2016 Complete construction (estimated)
Questions or Comments?
Thank You!