1. Background and overview of B46 Utica Avenue Select Bus Service

2. Implemented improvements and SBS launch details

3. Long-term improvements and adjustments

4. Questions and comments
Project Background

The Utica Avenue B46 corridor was identified as a potential candidate for Select Bus Service in the 2009 Bus Rapid Transit Phase II Study.

- Characterized by slow and crowded trips
- Busiest bus route in Brooklyn, carrying nearly 46,000 passengers per day
- Crucial connection to 3 4 A C trains and 30 bus routes
- Vision Zero Priority Corridor
  - 7 pedestrians killed and 57 pedestrians severely injured (2009-2013)

![Residents’ Mode to Work Diagram]

Source: 2008-2012 ACS 5-Year Estimates

1/4 mile from B46 corridor
Select Bus Service in New York City

Select Bus Service (SBS) is New York City’s brand name for Bus Rapid Transit: an improved bus service that offers fast, frequent, and reliable service on high-ridership bus routes.

SBS has brought:

- 15-23% faster bus speeds
- About 10% increase in ridership
- More reliable service
- Customer satisfaction of 95%
- Safer streets / reduction in crashes

There are 9 Select Bus Service routes serving all 5 boroughs.
Select Bus Service Features

Improved fare collection

Bus lanes

Transit signal priority

Passenger information

Improved station amenities

Pedestrian safety improvements
Utica Avenue Outreach

Outreach for the 2014 Bus Improvement Project (2013-2014)
• Meetings with Community Boards, local businesses, and elected officials

Outreach for Select Bus Service
• Community Advisory Committee Meeting #1 (September 2014)
• Public Workshop #1 (November 2014)
• Community Advisory Committee Meeting #2 (February 2015)
• Open House (March 2015)
• Community Board Meetings along B46 corridor (March-April 2015)
• Community Board Meetings for capital improvements (February 2016)
Implemented Improvements

Summer 2014
Utica Ave: St. Johns Place to Church Avenue

- Added bus lanes, left-turn bays, and turn restrictions
- B46 Limited and local travel times decreased 8% to 15%*
- Vehicle travel times decreased 20% to 25% in peak direction*

Summer 2015
Utica Ave: Church Avenue to Fillmore Avenue

- Added bus lanes, left-turn bays, turn restrictions, pedestrian islands
- Added truck loading zones, update curb regulations

Fall 2015
Malcolm X Blvd & Broadway to Utica Ave & Kings Hwy

- Implemented transit signal priority

*AM and PM peak
B46 Select Bus Service Route

- B46 SBS will run between Avenue U (Kings Plaza) and DeKalb Avenue

- B46 Local will run between Avenue U (Kings Plaza) and Williamsburg Bridge Plaza
2016 Select Bus Service Improvements

- Resurfacing Utica Avenue from Clarkson Avenue to Kings Highway
- Adjusting bus stops for SBS service
- Installing fare machines
- Installing Bus Time wayfinding signs
- Installing new shelters and benches where feasible

SBS Service Launches Late Spring 2016
Select Bus Service
Capital Improvements

Long-Term (2017-2018)

- Construct bus bulbs at SBS stops south of Empire Boulevard
- Add neckdowns and pedestrian islands
Utica Avenue Bus Bulb Locations

- 5 bus bulbs in CB17
- 11 bus bulbs along full corridor
Adjustments Based on Feedback

- Bus lane hours reduced from 24-hours to 7am-7pm only
- Left-turn restrictions reduced from 24-hours to 7am-7pm only

New markings will shorten northbound left-turn bay to accommodate more curb space

Proposed curb extension reduced; will not extend into Lenox Rd

Full length of loading zone will be restored in front of 769 Utica Av

New markings will smooth transitions from Clarkson Av to Snyder Av
Next Steps

SBS Launch

• Fare machine installation is ongoing
• Markings restoration after paving is complete
• SBS Launch in late spring

Capital Improvements

• 2016: preliminary and final design
• 2017-2018: construction
Questions?
Appendix Slides
Community Board 17
SBS Stops
Utica Avenue and Winthrop Street 2016 Plan

Mavis Discount Tire
Dunkin Donuts / Baskin Robbins
Safeguard Self Storage
Mike's Diner
Utica Avenue and Winthrop Street Capital Plan

Mavis Discount Tire

Safeguard Self Storage

Dunkin Donuts / Baskin Robbins

Mike’s Diner

B46 LOCAL

B46 SBS

B46 SBS / LOCAL
Utica Avenue and Church Avenue
Utica Avenue and Church Avenue
2016 Plan
Utica Avenue and Church Avenue Capital Plan

Walgreens

Conway

Utica Av

Church Av

U Farm Land

B46 LOCAL

B46 SBS

B46 SBS

B46 LOCAL
Utica Avenue and Avenue D
Utica Avenue and Avenue D
2016 Plan
Utica Avenue and Avenue D
Capital Plan
Community Board 17
Pedestrian Safety
Capital Improvements
Utica Avenue and Rutland Road

Wendy’s Parking Lot

Rite Aid Parking Lot

Rutland Rd

Utica Av

Hess Gas Station

+selectbussservice
Utica Avenue and Clarkson Avenue

- Domino’s
- Star1 Deli & Grocery
- Lenco Diagnostic Laboratory
- McDonald’s Drive Thru
Utica Avenue and Lenox Road
Original Plan

Caribbean Supermarket
Parking Lot

Post Office
Utica Avenue and Lenox Road
Revised Plan

Caribbean Supermarket
Parking Lot

Post Office
Utica Avenue and Linden Boulevard Capital Plan

Crown Fried Chicken & Pizza

Aden Discount Store

Popeyes
Safety Concerns

Utica Avenue is a Vision Zero Priority Corridor
- 7 pedestrian fatalities and 57 pedestrian severe injuries between 2009 and 2013
- 1 additional fatality in April 2014
- 60% of vehicles travel above the speed limit (30 mph at time of observation)

Vision Zero Priority Intersections

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<tr>
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<tbody>
<tr>
<td>Utica Av &amp; Eastern Pkwy</td>
<td>2</td>
<td>8</td>
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<tr>
<td>Utica Av &amp; Church Av</td>
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<td>Utica Av &amp; Carroll St</td>
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<td>Utica Av &amp; President St</td>
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<tr>
<td>Utica Av &amp; Flatbush Av</td>
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*Killed or Severely Injured
Select Bus Service Fare Payment

Riders pay with MetroCard or coins before boarding, receive ticket

MTA NYCT conducts random fare payment inspections
Current B46 Local and LTD Service Pattern

- B46 LTD generally travels between Kings Plaza and Williamsburg Bridge Plaza
- B46 LTD makes all local stops north of DeKalb Ave and south of Ave H
- B46 Local generally travels between Kings Plaza and DeKalb Ave
Utica Avenue Design
Brooklyn Community Board 17

- Northbound and southbound bus lanes extended
- Left-turn bays / restrictions added at each intersection

Left-turn ban both directions from Utica Ave onto cross street

Left-turn bay both directions from Utica Ave onto cross street

Left-Turn Bays / Restrictions Implemented in 2014
Ridership

- High ridership at many existing B46 Limited stops, particularly those with subway/bus transfers
- Largest percentage of riders are traveling north to or south from 3 4 at Eastern Pkwy or 4C at Fulton St
- Only 9% of riders travel between Broadway and the rest of the route

<table>
<thead>
<tr>
<th>Top 5 Busiest Stops</th>
<th>Top 5 Least Busy Stops</th>
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<tbody>
<tr>
<td>Eastern Pkwy</td>
<td>Broadway &amp; Arion Pl</td>
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<td>Fulton St</td>
<td>Broadway &amp; Boerum St</td>
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<td>Broadway &amp; Willoughby</td>
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<td>Empire Blvd</td>
<td>Broadway &amp; Malcolm X</td>
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<td>Ave H</td>
<td>Broadway &amp; Hooper St</td>
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