

# Utica Avenue

Public Workshop | November 13, 2014



# Agenda

- **Presentation**
- **Breakout Session**
- **Report Back / Questions / Closing**

# 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
- 10% increase in ridership
- More reliable service
- Customer satisfaction of 95%
- Safer streets / reduction in crashes

There are 7 Select Bus Service routes serving all 5 boroughs.





# Select Bus Service in New York City

## Dedicated Bus Lanes





# Select Bus Service in New York City

## Improved Fare Collection





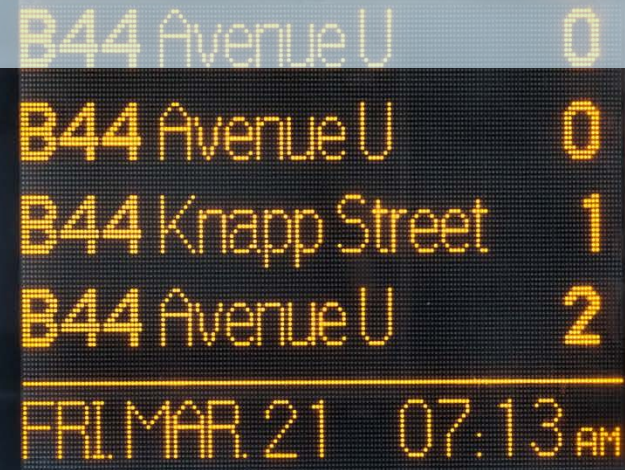
# Select Bus Service in New York City

## Transit Signal Priority



# Select Bus Service in New York City

## Real-time Passenger Information





# Select Bus Service in New York City

## Improved Station Amenities





# Select Bus Service in New York City

## Pedestrian Safety Improvements





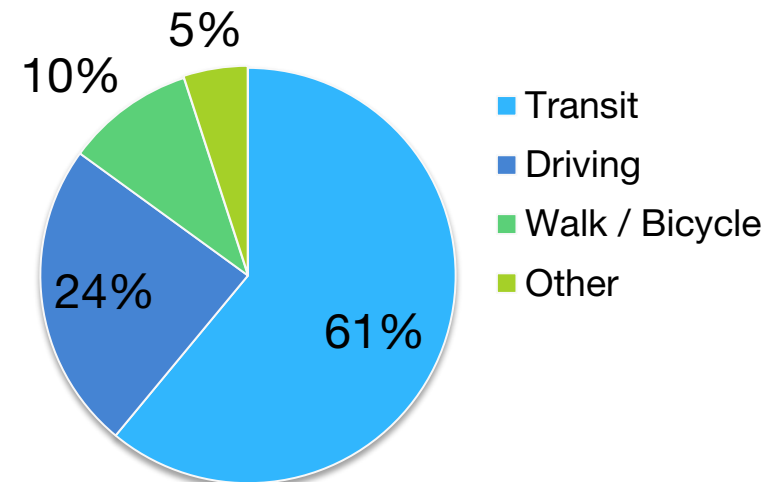
# Project Background

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

- Ranked by community as one of two corridors most in need of bus improvements
- Characterized by slow and crowded trips
- Second-busiest bus route in NYC, carrying nearly 50,000 passengers per day
- Crucial connection to **3** **4** **A** **C** trains
- Connection to 30 bus routes including B35, B6, B12
  - B35-to-B46 transfer is the most frequent bus-to-bus transfer in NYC



## Residents Mode to Work



Source: 2008-2012 ACS 5-Year Estimates  
1/4 mile from Utica corridor



# Project Background

## Safety Concerns

Corridor has among the highest rates of injury from motor vehicle crashes in Brooklyn.

- 16 fatalities and 254 severe injuries between 2008 and 2012
- 60% of vehicles travel above the speed limit (30mph at time of observation)

### High Crash Intersections (2008-2012)

Intersection	Fatalities	Severe Injuries
Avenue U	1	10
Flushing Av	0	10
Eastern Pkwy	3	6
Avenue H	0	8
Winthrop St	2	6
Myrtle Av	1	6





# 2014 Bus Priority and Safety Improvements

## Transit

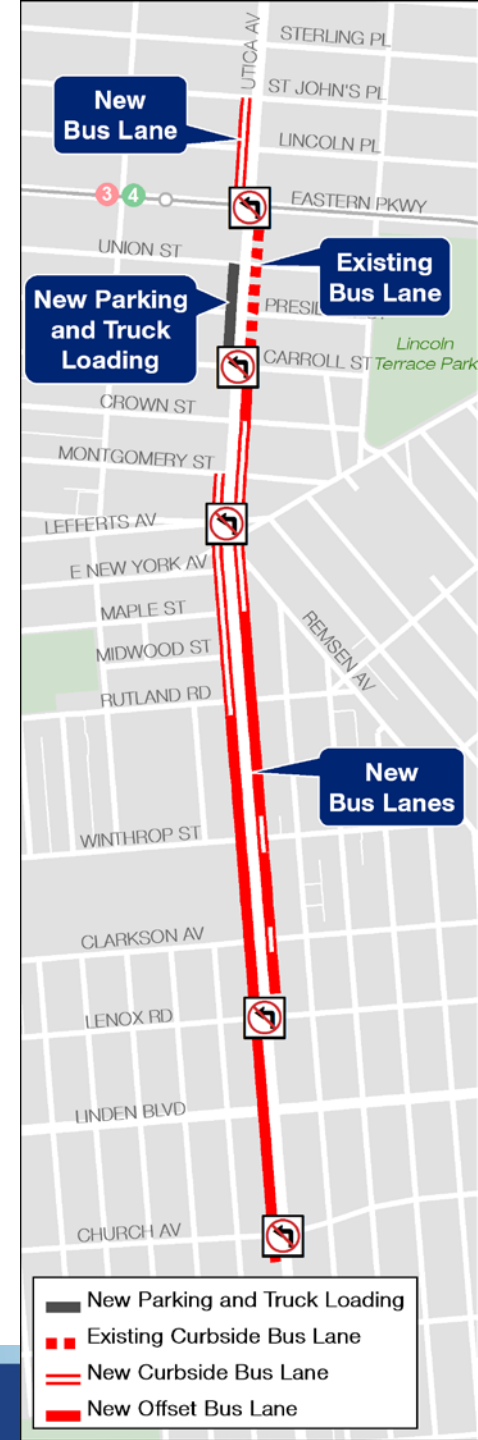
- Offset and curbside bus lanes on 1.3 miles of Utica Av corridor from St. John's Pl to Church Av

## Traffic and Safety

- Left-turn restrictions to improve pedestrian safety and left-turn bay additions to maintain traffic flow

## Parking

- +19 parking spaces near Eastern Parkway (within 3 blocks)
- -22 parking spaces along southern part of corridor (about 1 per block)
- New loading zones to accommodate businesses



# 2014 Bus Priority and Safety Improvements





# 2014 Bus Priority and Safety Improvements

## Sections where bus lane was installed

- B46 Limited and local travel times decreased 8% to 15%\*
- Vehicle travel times decreased 20% to 25% in peak direction\*

\*AM and PM peak



# Utica Avenue Select Bus Service

Build on existing Bus Priority and Safety Project to upgrade B46 Limited to B46 SBS. Utica Avenue SBS might include:

- Off-board fare collection
- Additional bus lanes
- Transit signal priority
- Service planning changes to improve reliability
- Capital improvements at SBS stations
  - Real-time passenger information
  - Bus bulbs (sidewalk extensions at bus stops)
  - New shelters, plantings, benches, etc.





# Community Outreach



Community Advisory Committee



Public open houses and workshops



Community Board Presentations



Individual Stakeholder Meetings

# Project Timeline

Step 1

Step 2

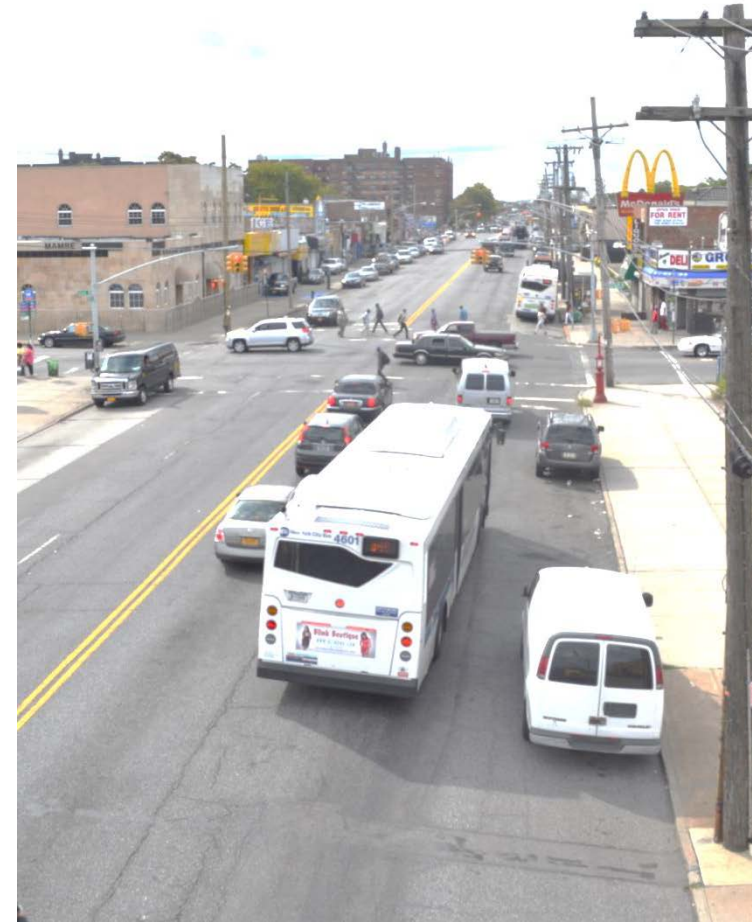
Step 3

Step 4

*Fall 2014*

## Step 1: Data collection and analysis

- Monitor and evaluate 2014 project
  - Bus speeds
  - Vehicle travel time
- Analyze full B46 corridor
  - Traffic counts
  - Parking survey
  - Safety data
  - Transit operations
    - Ridership / transfer data
    - Sources of delay
    - Local and Limited service patterns





# Project Timeline



## Step 2: Conceptual design

- Identify feasible street design changes south of Church Avenue and north of St. John's Place and determine impacts on:
  - Transit travel time and reliability
  - Traffic flow
  - Safety
  - Parking / delivery access
- Develop conceptual service plans for B46 SBS and B46 Local
- Solicit input from community members

# Project Timeline

Step 1

Step 2

Step 3

Step 4

*2015*

## Step 3: Develop corridor plan

- Develop detailed street design
- Prepare traffic analysis
- Identify SBS station locations
- Develop capital designs for station improvements
- Refine details with CAC and general public





# Project Timeline

Step 1

Step 2

Step 3

Step 4

*TBD*

## Step 4: Final design plan

- Finalize corridor design
- Develop implementation plan
- Potential 2015 SBS service launch
- Prepare construction phasing plan for capital elements



# Next Steps

## Fall 2014

- Traffic and parking data collection and analysis
- Transit operations data collection and analysis

## Winter 2015

- CAC Meeting #2
- Public Meeting #2



# Next: Breakout Session

