

Bx6 South Bronx Crosstown Select Bus Service

Manhattan CB 10 Transportation Committee Meeting | June 14, 2016



+selectbusservice



Agenda

- Select Bus Service overview
- Bx6 corridor overview
- Proposed SBS stops
- Proposed street design and signal changes
- Next steps
- Questions and discussion

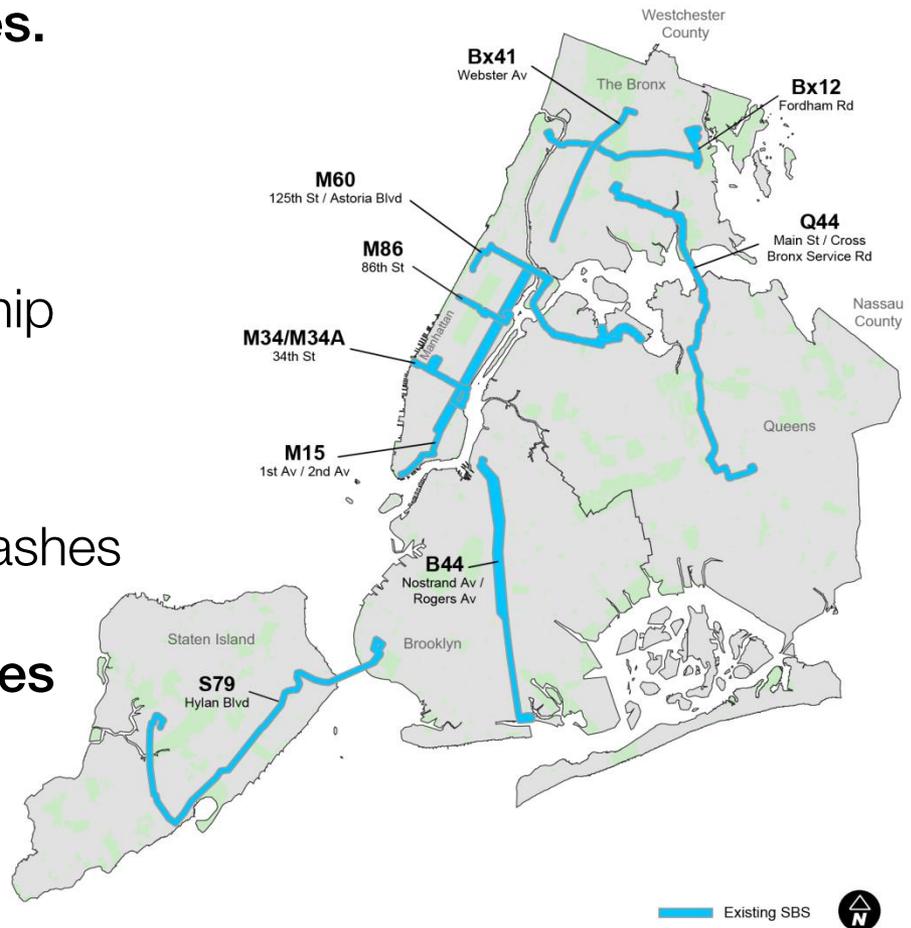
Select Bus Service in New York City

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:

- 10-25% 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 in operation serving all 5 boroughs.



Select Bus Service Features

Dedicated Bus Lanes



Signal Priority for Buses



- **Faster** bus rides
- **Reduced traffic conflicts** between buses and traffic
- **More reliable** bus service
- Buses spend **less time stopped** at red lights

Off-Board Fare Collection



All-Door Boarding



- **Quicker** bus boarding
- Buses spend **less time waiting** at bus stops

Select Bus Service Features

Improved Station Amenities



Real-Time Passenger Information



- **More attractive, appealing** bus stops
- **Better trip information** for riders to **know when** the bus is coming
- **More comfortable wait** for the bus

Pedestrian Safety Improvements



- **Better visibility** for pedestrians, bus operators, and drivers
- **Clearer, shorter** pedestrian crossings

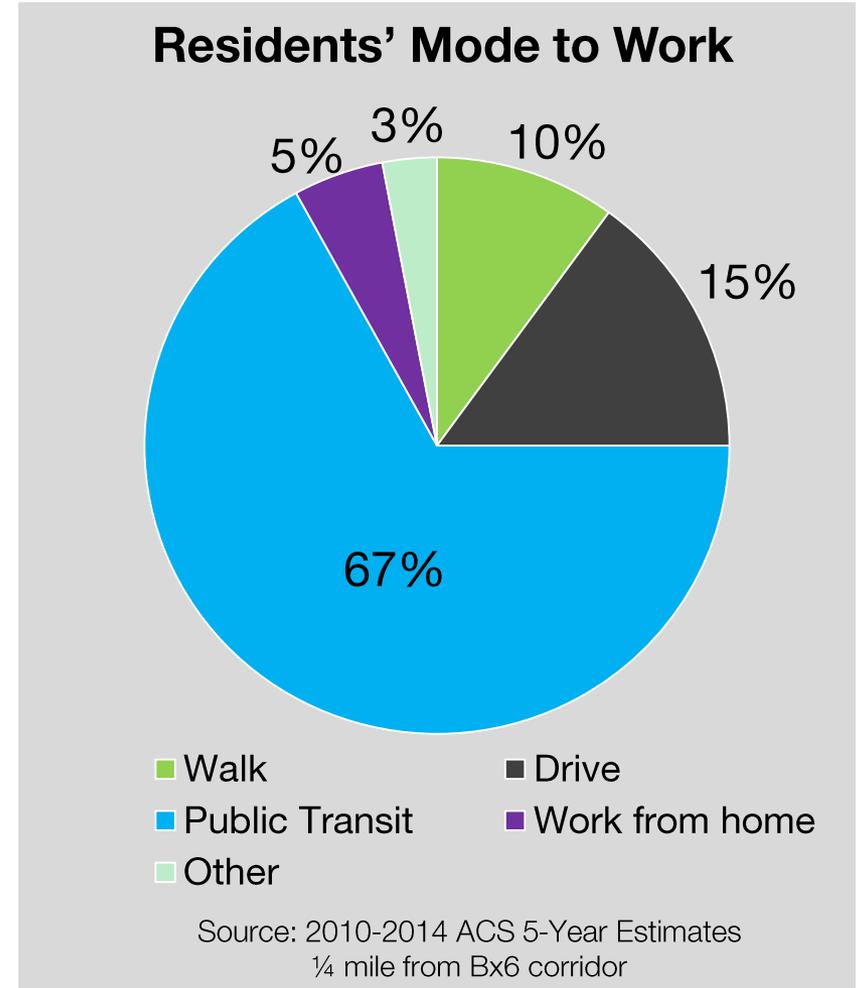
Existing Bx6 local bus route



Bx6 Background

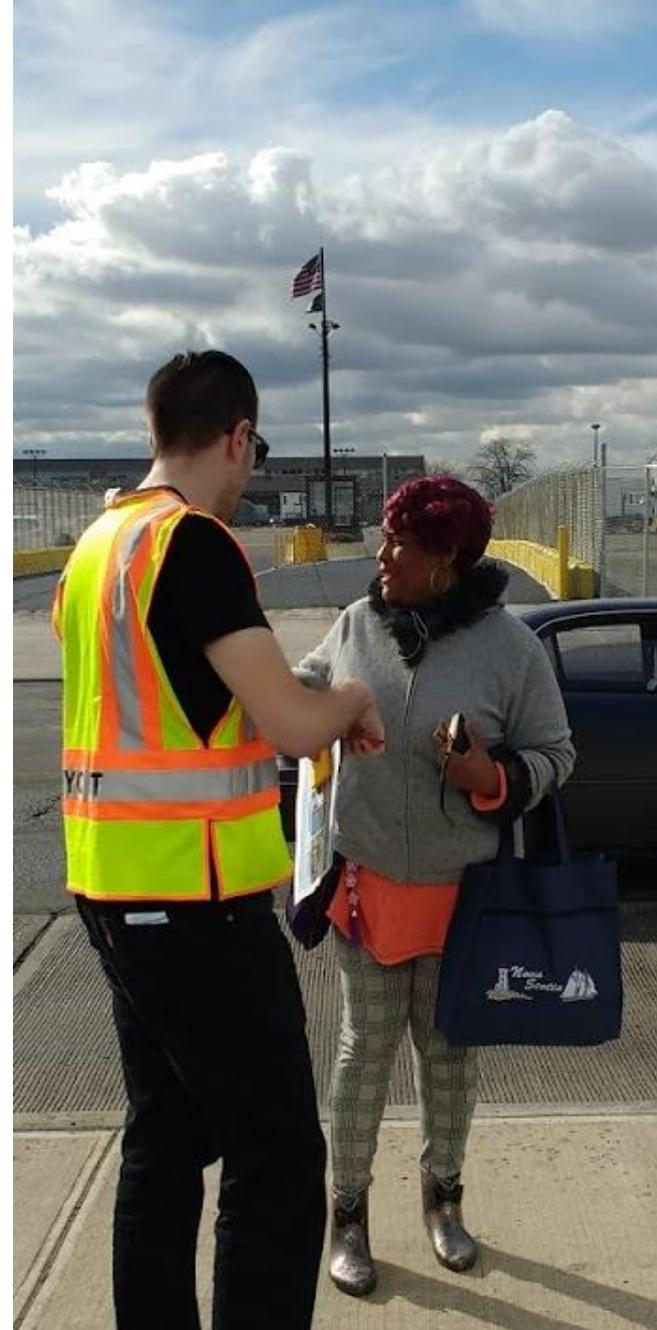
The Bx6 South Bronx corridor was identified as a potential candidate for Select Bus Service in the 2009 Bus Rapid Transit Phase II Study.

- Serves nearly 25,000 daily riders
- Connects to **1**, **C**, **4**, **B**, **D**, **2**, **5**, **6** subway lines, Metro-North, and 20 bus routes, including Bx41 SBS
- 76% of households within a quarter-mile of the route do not own a vehicle



Community Engagement

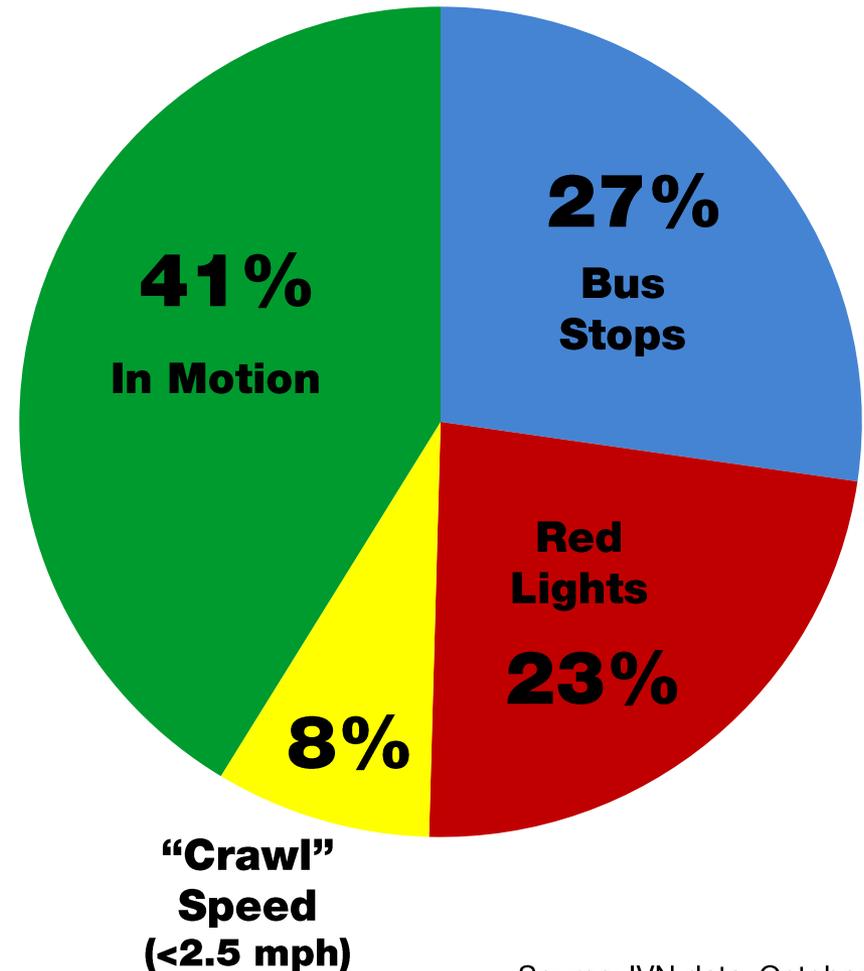
- **Bronx Kickoff Meeting** (November 2015)
- **Bronx/Manhattan On-street Outreach** (November 2015 – June 2016)
 - During AM peak at six locations
 - Received 578 individual comments and distributed over 1,300 Bx6 SBS information cards in English and Spanish
- **Online Feedback Portal** (launched November 2015)
 - Received 51 location-specific comments
- **Bronx Elected Officials Briefing** (April 2016)
- **Bronx Community Board Meetings** (May 2016)
- **Manhattan Community Board Meetings** (June 2016)
- **Manhattan Elected Official Briefing** (forthcoming)



Bus Delays

- 56 minutes on average to travel from Hunts Point to Riverside Drive (4.8 miles)
- Over 25% of trip spent boarding passengers
- Bus is moving less than half of the time

**Bx6 Westbound
4-7 PM Weekdays**



Source: IVN data, October 2015

Safety



- Vision Zero: multiagency effort to reduce traffic fatalities
- 2 Priority Intersections along route in Manhattan

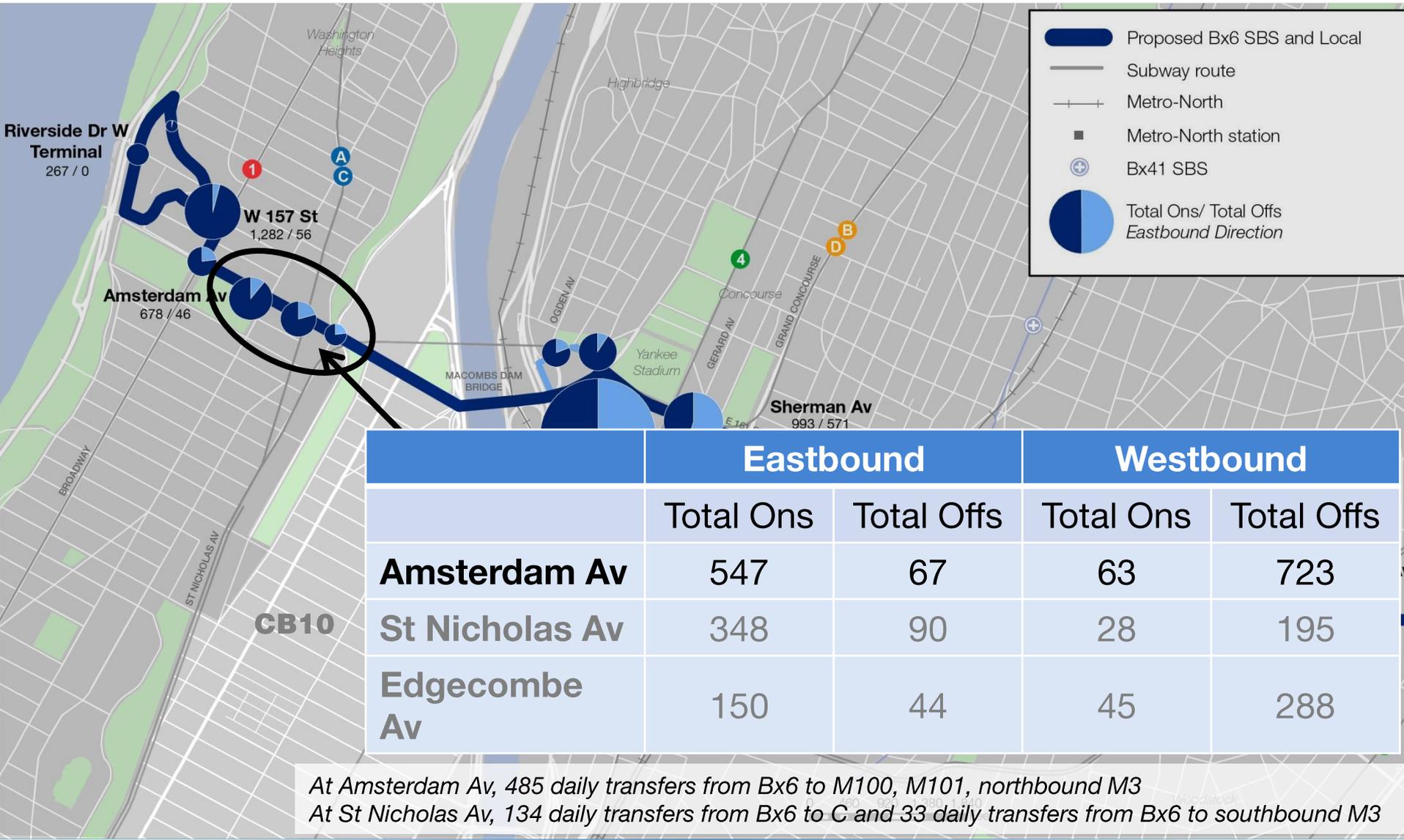


Existing Ridership

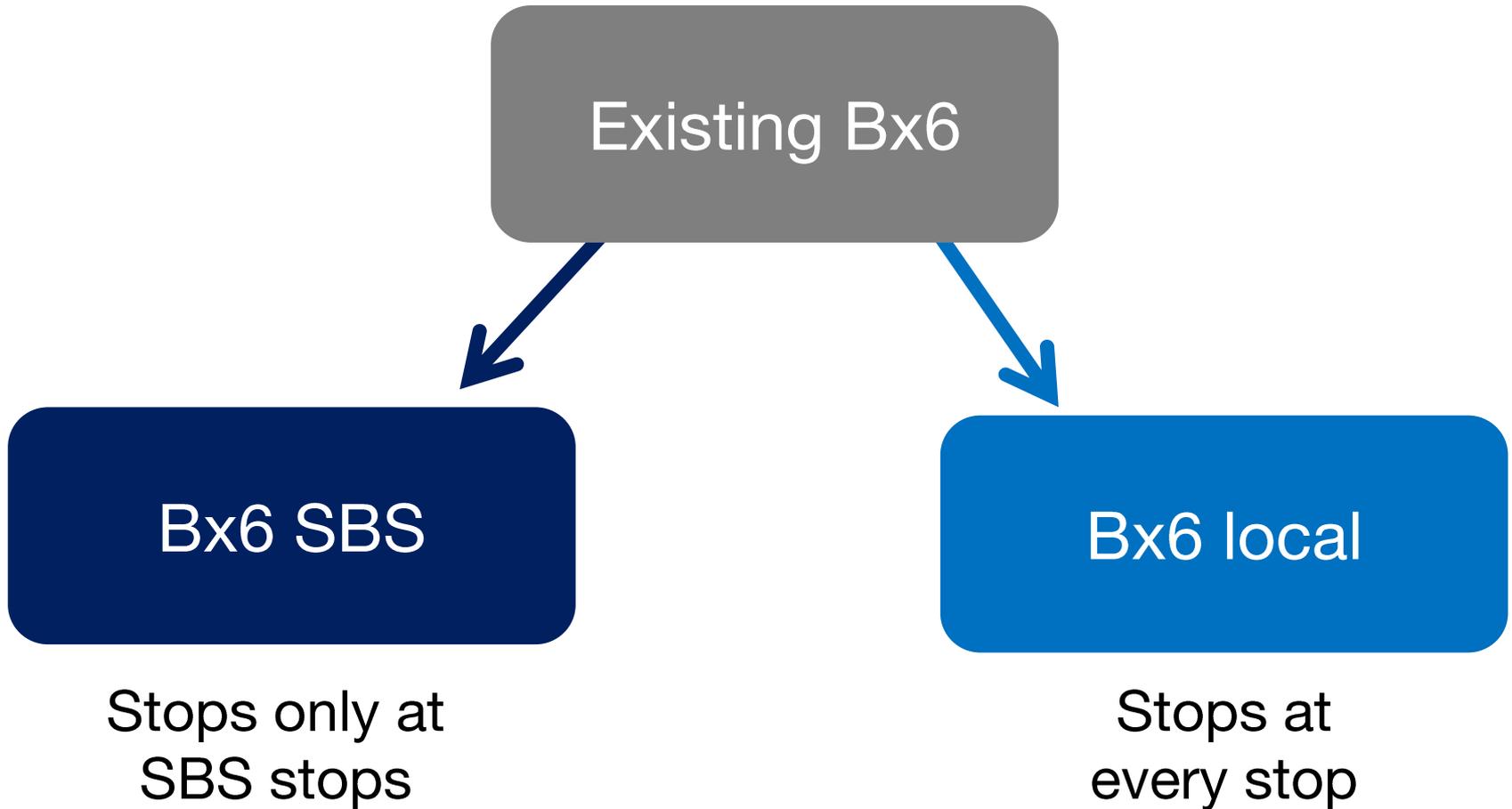
3,700 total eastbound boardings in Manhattan



155th Street Ridership, 7am-7pm



Proposed Service Plan

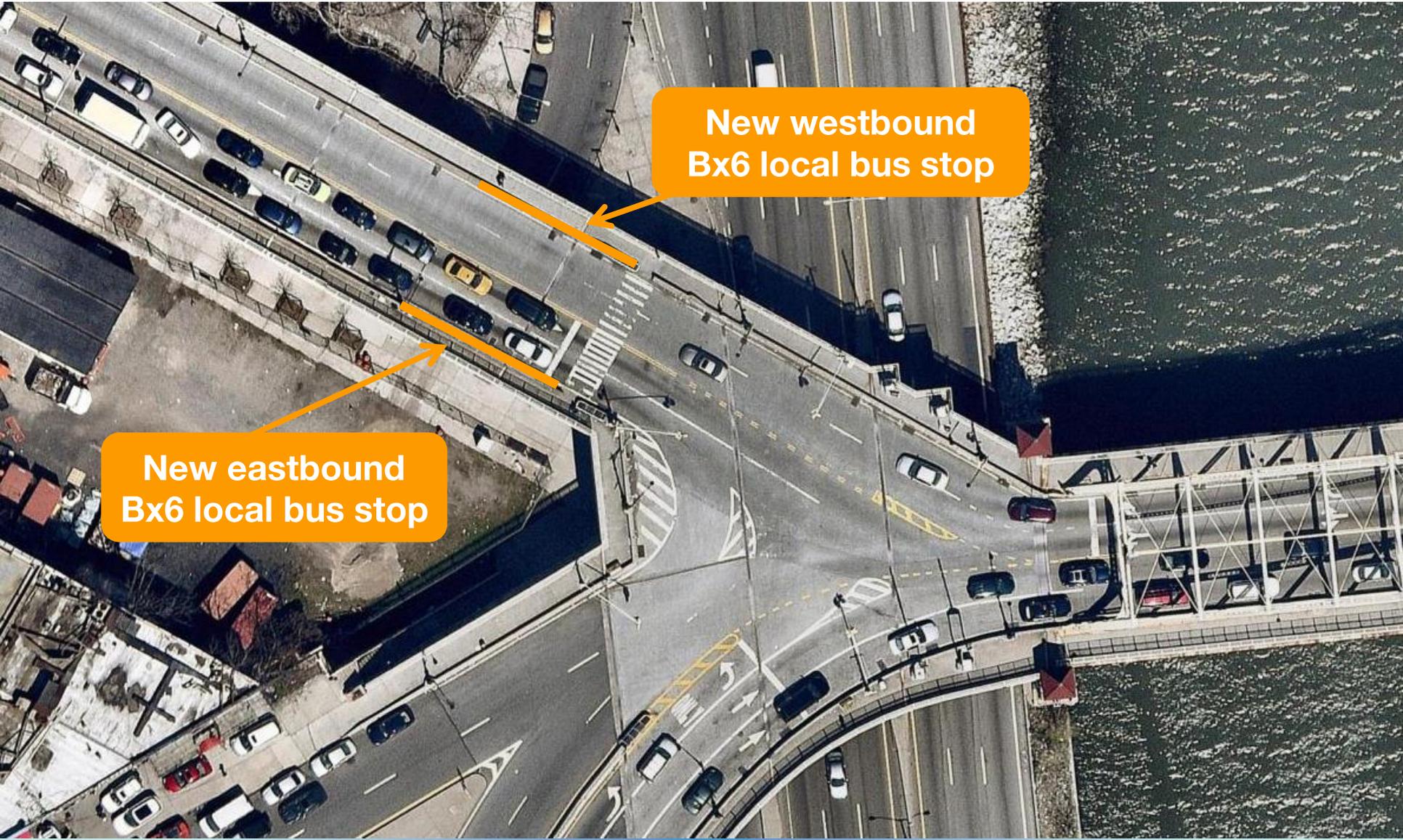


Proposed SBS Stops – Western Section



- Proposed Bx6 SBS and Local
- Proposed Bx6 Local with potential Bx6 SBS
- Bx6 Local
- Proposed Bx6 SBS and Local stop
- Proposed Bx6 Local only stop
- Proposed future Bx6 Local stop
- Proposed stop elimination
- Subway route
- Subway station
- Metro-North
- Metro-North station
- Connecting bus route
- Start of bridge or underpass

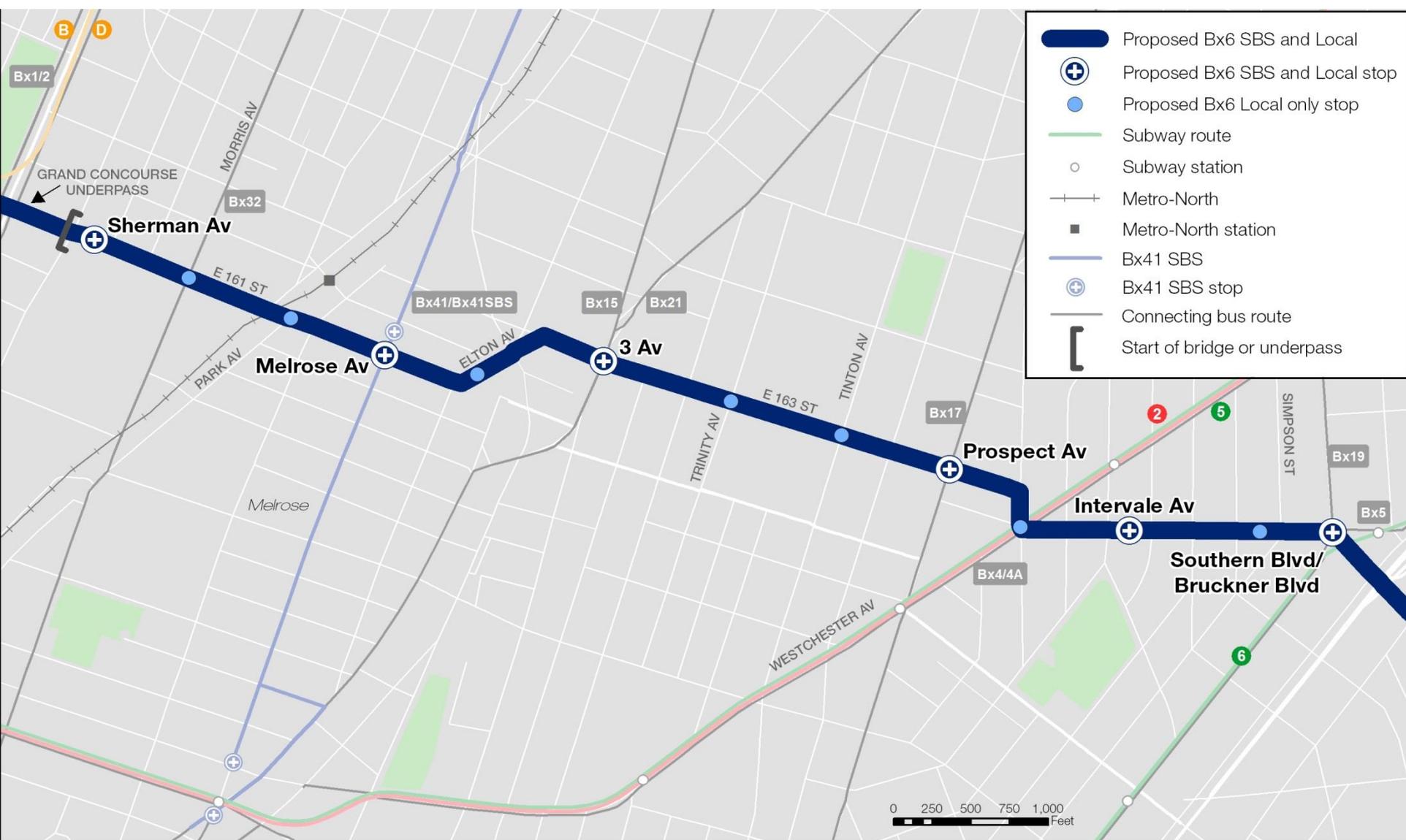
Future 155th St Viaduct Bus Stops



New westbound
Bx6 local bus stop

New eastbound
Bx6 local bus stop

Proposed SBS Stops – Central Section



Proposed SBS Stops – Eastern Section



Issue: 155th St / St Nicholas Pl / Harlem River Driveway



Issue: 155th St Viaduct Congestion



Proposed Street Design and Signal Changes

- No bus lanes proposed for 155th St
- Potential signal timing adjustments to improve traffic flow across Macombs Dam Bridge



Next steps

- Spring 2016
 - Continued outreach (Community Boards, stakeholder meetings, on-street outreach)
 - Draft street design
 - Traffic analysis
- Summer / Fall 2016
 - Finalize street design
 - Finalize service plan
- Spring 2017
 - Launch Bx6 SBS service

Questions and Discussion

Thank
You!

