WEBSTER AVENUE SBS

Study Corridor

- Based on the existing Bx41 bus route
- 5.3 miles long
- Within a quarter-mile of the corridor:
  - 125,000 residents
  - 74% of households do not own a car
  - 63% of residents commute by public transit

Project Goals

1. Speed buses and improve reliability
2. Improve safety for all corridor users
3. Support community needs
Bx41 LTD buses are stopped more than 50% of the time.
One-way travel time can vary by up to 20 minutes (typical times are between 37 and 57 minutes).
Travel times are worst in the PM peak.

Average Bx41 LTD trip = 46 minutes

Bus stops

Red lights

Congestion
Average Bx41 LTD In-Motion Speed (PM Peak)

Note: In-motion speed does not include time spent stopped at bus stops or at traffic lights.
SELECT BUS SERVICE IN NYC

Bus Rapid Transit (BRT)
A cost-effective approach to transit service that cities around the world have used to make riding the bus more like a subway. BRT improves speed, reliability, and passenger comfort/convenience.

Select Bus Service (SBS)
New York City’s version of BRT, first used on the Fordham Road-Pelham Parkway Bx12 bus route in the Bronx.

Bx12 SBS
Fordham Road / Pelham Parkway

- Launched: June 2008
- Corridor: 207th Street in Upper Manhattan to the Bay Plaza Shopping Center in Co-op City, Bronx via Fordham Road and Pelham Parkway
- Features:
  - Red-colored curbside 7am-7pm bus lanes on Fordham Road
  - “Delivery windows” in the retail core
  - Fare Pre-Payment
  - Transit Signal Priority
  - Simplified service pattern
- Results:
  - Speed: 20% reduction in travel time
  - Ridership: 7% increase in first year
  - Customer Satisfaction: 98% satisfied or very satisfied

M15 SBS
First Avenue / Second Avenue

- Launched: October 2010
- Corridor: South Ferry to 125th Street in Manhattan via First and Second Avenues
- Features:
  - Red-colored curbside and offset bus lanes
  - New low-floor, three-door buses
  - Fare Pre-Payment
  - Pedestrian and bicycle safety improvements
  - 2012: Bus bulbs and transit signal priority
- Results:
  - Speed: 15-18% reduction in travel time
  - Ridership: 9% increase in first year
  - Customer Satisfaction: 99% satisfied or very satisfied
  - Safety: 21% reduction in traffic injuries in sections with full design treatments
SELECT BUS SERVICE FEATURES

Faster Service
- Bus lanes
- Faster fare collection
- Transit signal priority

User-Friendly
- Branding
- Stations
- Passenger information
POTENTIAL PROJECT FEATURES

Offset bus lane
1st/2nd Avenue SBS, Manhattan

Low-floor, three-door articulated buses / City Bench
1st/2nd Avenue SBS, Manhattan

Bus boarding island
White Plains Road / E Gun Hill Road, Bronx

Green pedestrian island
New York Avenue / Empire Boulevard, Brooklyn

Bus bulb
Broadway / Spring Street, Manhattan

Neckdown
Atlantic Avenue / Court Street, Brooklyn