B82 Southern Brooklyn
Select Bus Service
October 9, 2018
Overview

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About B82 Select Bus Service (SBS)
B82 Project Background

• Serves 28,000 daily riders on B82 SBS (previously Limited) and Local

• Heavily used route with historically slow trips

• Important east-west transit connection across Southern Brooklyn

• Connects to \( \text{D N F B Q L} \) subway lines and 21 bus routes, including B44 Nostrand SBS and B46 Utica SBS

• Serves areas far from the subway
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:
- 10-30% faster bus speeds
- About 10% increase in ridership
- More reliable service
- Customer satisfaction of 95%
- Safer streets / reduction in crashes

There are 16 Select Bus Service corridors in operation serving all 5 boroughs.
Select Bus Service Features

- **Faster** bus rides
- **Reduced traffic conflicts** between buses and traffic
- **More reliable** bus service
- Buses spend **less time stopped** at red lights
- **Quicker** bus boarding
- Buses spend **less time waiting** at bus stops
Select Bus Service Features

- **Improved Station Amenities**
  - Better visibility for pedestrians, bus operators, and drivers

- **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
B82 Limited is Now B82 SBS

- B82 SBS service launched on 10/01/18, replacing the B82 Limited
- B82 SBS begins at Cropsey Ave & Bay 37 St and serves **many of the same stops as the existing B82 Limited**, running to Pennsylvania Ave in Starrett City
- B82 SBS **operates for more hours of the day** than the B82 Limited did (service now operates from 4:45 AM to 11:00 PM)
- **All current stops are served by the B82 Local**, except for three stops planned for removal (due to close proximity to nearby stops and no corresponding stop in opposite direction):
  - Kings Hwy at W 9 St, eastbound
  - Kings Hwy at Van Sicklen, eastbound
  - Kings Hwy at E 9 St, eastbound
Flatlands/Ralph Area Updates
Previous: Flatlands Ave at Ralph Ave

Paerdegat Ave South @ Flatlands Ave
Lightly used street complicates the intersection for pedestrians and traffic

Very long pedestrian crossings between large high school, shopping centers

Heavy turn traffic from northbound Ralph Ave to eastbound Flatlands Ave, and from westbound Flatlands Ave to southbound Ralph Ave

Vision Zero Priority Intersection & highest # of crashes on B82 corridor 2010-2014:
103 crashes
134 injuries
New: Flatlands Ave at Ralph Ave

- Slip closed to create a simpler 4-leg intersection and give more signal time to Flatlands and to Ralph
- Increased pedestrian crossing time at all crosswalks (4 to 13 seconds longer)
- Pedestrian island added to south crosswalk (highest # of pedestrian crashes here)
- Left turn bans: Northbound and Eastbound
- New curbside bus lane (Active 7 AM – 7 PM Mon-Sat)
Existing: Flatlands Ave (Ave I to Ralph Ave)

- Large 5-leg intersections w/ many overlapping movements
- Congested area and traffic lights not well synchronized
- Paerdegat Ave South @ Flatlands Ave: Lightly used street complicates the intersection for pedestrians and traffic
- Long crossings, minimal crossing time
New: Flatlands Ave (Ave I to Ralph Ave)

- Longer green lights for Flatlands, better coordination of signals
- Ave I one-way this block with new angled parking
- Increased pedestrian crossing time at all crosswalks, as requested (4 to 13 seconds longer)
- Ralph Ave northbound: currently pursuing longer right turn bay along the curb to help with traffic (requires removing some street parking and large truck parking)
- Shorter crossings
- Bus lane/right turn lane (7 AM-7 PM Mon-Sat)
Questions?