B82 Southern Brooklyn
Select Bus Service
For presentation to NYCHA Breukelen Houses Tenants Association | September 20, 2017
Overview

- Project Background
- B82 SBS Proposed Designs
- Next Steps
- Questions and discussion
B82 Project Background

The Southern Brooklyn B82 corridor was identified as a potential candidate for Select Bus Service in the 2009 Bus Rapid Transit Phase II Study.

• Serves 32,000 daily riders on B82 Limited and Local

• Heavily used route with slow trips

• Important east-west transit connection across Southern Brooklyn

• Connects to 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 (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 14 Select Bus Service routes 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
  - Clearer, shorter pedestrian crossings
  - 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

- **Real-Time Passenger Information**
  - More comfortable wait for the bus

Community Engagement

- **Borough Hall Kickoff Meeting** (June 2015)
- **Online Feedback Portal Launches** (August 2015-Present)
  - Over 130 location specific comments to date
  - Site is still live at nycdotfeedbackportals.nyc
- **On-Street Outreach** (August 2015 – August 2017)
  - Over 1700 passengers reached at 12 Bus Stops
  - 3000 project information cards distributed
- **Stakeholder Meetings** (June 2015 – present)
  - 30+ meetings to date across the corridor
- **Community Board Meetings** (January 2016 – Present)
## Community Engagement

### 2015
- Elected Officials Briefing Kickoff
- Kings Highway BID Meeting
- On-Street Outreach:
  - Pennsylvania Ave
  - Kings Highway at E.15th St
  - Ralph Ave at Flatlands Ave
  - Bay Parkway at 86th St
  - Glenwood Rd at Rockaway Parkway
  - Flatlands Ave at Rockaway Parkway
- Bay Parkway at 86th St #2
- Kings Highway at W. 7th St
- Kings Hwy at McDonald Ave
- Kings Hwy at Ocean Ave
- Kings Hwy at E. 15th St #2
- Brooklyn Borough Service Cabinet Presentation
- Kings Highway BID Walkthrough

### 2016
- CB18 Full Board Presentation
- Kings Highway BID Monthly Meeting Presentation
- NYCHA Breukelen Houses TA President Briefing
- Holy Family RC Church
- Starrett City TA President Briefing
- NYCHA Breukelen Houses TA Meeting
- Brooklyn Auditory Oral School Consultation
- Starrett City TA Meeting
- CB18 Leadership Meeting
- CM Williams Field Meeting
- New York Community Hospital Walkthrough
- St Matthew’s Church Briefing
- Canarsie Full Gospel Briefing
- Christian Cultural Center Briefing
- Mt. Sinai Beth Israel Walkthrough

### 2016 continued
- CM Greenfield Briefing
- Magen David Yeshiva Discussion
- Christian Cultural Center Traffic Observation
- Kings Hwy @ Fraser Square Constituent Walkthrough

### 2017
- Library Outreach
  - Canarsie Branch
  - Highlawn Branch
  - Kings Highway Branch
  - Highlawn Branch #2
- Senior Centers Outreach
  - Vandalia Neighborhood
    - Abe Stark Center
    - Midwood Neighborhood Center
    - Ocean Parkway Neighborhood Center
- CB5, CB11, CB14, CB15, CB18
- United Canarsie South Civic Association
- 2nd NYCHA Breukelen Houses TA Present Briefing
Existing B82 Bus Speeds

Routing from Flatlands Ave to Kings Hwy is slow, adds to congestion.

Complicated routing around Rockaway Pkwy Station leads to slow bus speeds.

Traffic/parking/truck loading lead to slow bus speeds along Kings Highway.

Traffic on Flatlands, Pennsylvania prevent bus from accessing bus stops quickly.

B82 Westbound, 7-10 AM

South Brooklyn Crosstown SBS Route Length: 10.2 mi

Traffic Time (Seconds)

- 1
- 10
- 50
- 100

Average In-Motion Speed (mph)

- < 5
- 5.1 - 10
- 10.1 - 15
- 15.1 - 20
- > 20
B82 Transit Issues

- Over 50% of trip spent delayed, crawling, or at bus stop
- Customers wait in long lines to pay on board the bus
- Bus stops lack amenities, not ADA accessible

**In Motion**
- Signal Delay 29%
- Bus Stops 21%
- In Motion 48%

**Other Delays**
- 2%
B82 Safety Issues

- Long crossings
- Lack of pedestrian refuges
- Limited visibility
- Complex intersections
- Difficult turns across traffic
- Narrow median bus stops

B82 SBS Proposed Route

- Proposed B82 SBS Route
- Existing B82 Limited Route
- Top 5 Crash Location

nyc.gov/visionzero

Kings Hwy @ Ocean Pkwy
Kings Hwy @ Nostrand Ave
Flatlands Ave @ Rockaway Pkwy
Flatlands Ave @ Pennsylvania Ave
Flatlands Ave @ Ralph Ave
B82 Route Changes

B82 SBS to end at Cropsey/Bay 37 St, Local to serve existing to Coney Island

Proposed re-route connects Kings Hwy to Flatlands Ave via Ave K instead of existing Flatbush Ave

Proposed re-route westbound via Glenwood Rd streamlines B82 and possibly B6

B82 SBS Proposed Route

- Proposed B82 SBS Route
- Existing B82 Limited Route
B82 SBS Stops

B82 SBS Proposed Stops

- Proposed B82 SBS and Local Stop
- Proposed B82 Local Stop
- Proposed B82 SBS Route
- Existing B82 Limited Route
- Breukelen Houses

Rockaway Pkwy Station
Louisiana Ave
Vandalia Ave
Schroeders Ave
Seaview Ave
Pennsylvania Ave
Remsen Ave
E 80th/82nd St
Ralph Ave
Flattend Ave
EN BLVD
UTICA AV

B82 SBS Stops

13
B82 SBS Proposed Designs
B82 route to Canarsie-Rockaway Pkwy

- Westbound loop confusing and slow for bus customers
  - Can take up to 10 minutes to return to Flatlands Ave
- Adds unnecessary traffic on local streets and at major intersections
B82 route to Canarsie-Rockaway Pkwy

- Propose re-routing westbound buses via Glenwood Rd
  - Streamlines routing, removes unnecessary distance & turns
  - More customer-friendly routing by matching both directions
  - Reduces bus traffic on local streets and at major intersections
B6 route to Canarsie-Rockaway Pkwy

- Westbound loop confusing and slow for bus customers
  - Can take up to 10 minutes to return to Flatlands Ave
- Adds unnecessary traffic on local streets and at major intersections
B6 route to Canarsie-Rockaway Pkwy

- Faster, more direct routing to Rockaway Pkwy Station via Glenwood Rd
- Relocates B6 to Glenwood Rd, E 103 St Stop to E 102 St providing more direct connections to Breukelen Houses
Existing: Glenwood Rd (Rockaway Pkwy to E 103 St)

- Land uses along north side:
  - Auto shops with garages & parking lots (2)
  - MTA property with parking lot
  - Residences (3 with driveways, 5 without)
  - Off-street parking area
- Much of parking on north curb taken up by adjacent auto/rental shops that store trucks and vans in the street
  - 20-40% of spaces open at any given time
Existing: Glenwood Rd (Rockaway Pkwy to E 103 St)

Existing one-way on Glenwood only serves eastbound buses
Proposed: Glenwood Rd (Rockaway Pkwy to E 103 St)

Bus lane replaces parking lane along north curb (E 98 St to E 103 St)

Direct bus connection to Canarsie-Rockaway Pkwy station

Eastbound: open to all traffic
Westbound: buses only

Glenwood Rd at E 98 St
Existing: Glenwood Rd  (Rockaway Pkwy to E 103 St)

Glenwood Rd at E 98 St
Proposed: Glenwood Rd (Rockaway Pkwy to E 103 St)

Glenwood Rd at E 98 St
Existing: Flatlands Ave (E 103 St to Pennsylvania Ave)

- Wider portion of Flatlands with concrete medians
- 3 city bus routes and 1 express bus route use this portion of Flatlands Ave
- Transit connection from Starrett City, Breukelen Houses to Canarsie-Rockaway Pkwy station
Proposed: Flatlands Ave (E 103 St to Pennsylvania Ave)

- Eastbound bus lane from E 103 St to Louisiana Ave
- Westbound bus lane from Pennsylvania Ave to E 105 St
- Glenwood Rd bus lane from E 103 St to Rockaway Pkwy Station

B82 SBS Proposed Stops
- Proposed B82 SBS and Local Stop
Proposed: Flatlands Ave (E 103 St to Pennsylvania Ave)

- Eastbound bus lane ends
- Louisiana Ave intersection pedestrian safety improvements
- Westbound bus lane begins
- Taper to longer turn bay (9 spaces)
Proposed: Flatlands Ave (E 103 St to Pennsylvania Ave)

Example of offset bus lanes: Bx41 Webster Ave SBS, The Bronx
Next Steps

Summer - Fall 2017
• Update street design based on community feedback
• Continue Stakeholder Outreach

Fall 2017 – Winter 2017
• Present final plan to community boards and elected officials
• Continue stakeholder outreach

Spring – Summer 2018
• Implement project street designs, SBS stop amenities
• Launch B82 Southern Brooklyn Select Bus Service
Thank You!

• Questions?

• We appreciate your input! You can provide it at your convenience online:
  – www.nyc.gov/brt or
  – nycdotfeedbackportals.nyc/south-brooklyn-sbs

• To invite us to community events or give other feedback, please email us at brt@dot.nyc.gov