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 \(\text{D N F B Q L}\) 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 12 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**
  - More attractive, appealing bus stops

- **Real-Time Passenger Information**
  - 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
Community Engagement

- **Borough Hall Kickoff Meeting** (June 2015)

- **Online Feedback Portal Launches** (August 2015)
  - Over 130 location specific comments to date
  - Site is still live at nycdotfeedbackportals.nyc

- **On-Street Outreach** (August 2015 – August 2016)
  - Over 1500 passengers reached at 12 Bus Stops
  - 3000 project information cards distributed

- **Stakeholder Meetings** (June 2015 – present)
  - 27 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

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### 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
- Fraser Square Field Meeting
- **New York Community Hospital Walkthrough**

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### 2016 continued
- Stakeholder meeting with Kings Hwy Beautification Association, Edith and Carl Marks Center
- Magen David Yeshiva Discussion
- Christian Cultural Center Traffic Observation
- Kings Hwy @ Fraser Square Constituent Walkthrough

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### 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

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CB 14 and Nearby Outreach
Existing B82 Bus Speeds

- Bus stops blocked by traffic lead to slow bus speeds along Kings Highway.
- 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.

Dwell 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
B82 Safety Issues

- Long crossings
- Lack of pedestrian refuges
- Limited visibility
- Complex intersections
- Difficult turns across traffic
- Narrow median bus stops
B82 Route Changes

Normalize B82 service with all Locals serving Coney Island, all SBS ending at Cropsey/Bay 37 St

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 B6

B82 SBS Proposed Route

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

Proposed new stop

CB 14 District

B82 SBS Proposed Stops

- Proposed B82 SBS Stop
- Proposed B82 SBS Route
- Existing B82 Limited Route
B82 SBS Proposed Designs
Proposed Street Treatments

B82 SBS Street Treatments*

- **Bus lane one-way, along curb**
- **Bus lane two-way, travel lane**
- **Bus lane two-way, extra lane space**
- **Widen/reconfigure travel lanes**
- **Major safety treatment**
- **No new treatment proposed**

*Note: Bus lanes serve all buses, emergency vehicles, and right turns*
District Treatments

CB 14 District

Key design pieces:

- Kings Hwy main road bus lanes, E 23 St to Ave K
- Kings Hwy at Nostrand Ave safety improvements

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*Note: Bus lanes serve all buses, emergency vehicles, and right turns
Existing: Kings Highway (E 23 St to Ave K)

- Wide, boulevard style portion of Kings Highway
- Narrow, deteriorating medians serve as bus stops
- Large, complex intersections
- Major east-west transit corridor
  - Used by B82 Local, B82 Limited, B7 Local, school buses, coach buses, other buses
  - During AM and PM rush hours, buses come once per minute along Kings Hwy
Existing: Kings Highway (E 23 St to Ave K)

Kings Hwy at Nostrand Ave
Proposed: Kings Highway (E 23 St to Ave K)

- Larger, lighted bus shelters
- Real-time passenger information screens and off-board fare payment
- Reconstructed, level landing platforms
- Wider medians with ample space for passengers
- Added seating
- Transit Signal Priority – keeps lights green longer for buses (& traffic)
- ADA accessible bus stops with subway-style edge strips
Existing: Kings Highway (Nostrand Ave to Ave K)
Proposed: Kings Highway (Nostrand Ave to Ave K)
Next Steps

Spring 2017
• Present draft plan to community boards and elected officials
• Continue stakeholder outreach

Summer 2017
• Update street design based on community feedback
• Begin implementation for critical safety and transit accessibility locations of project: Reconstruct medians at Kings Hwy at Nostrand Ave & Flatbush Ave

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

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](http://www.nyc.gov/brt) or
  – [nycdotfeedbackportals.nyc/south-brooklyn-sbs](http://nycdotfeedbackportals.nyc/south-brooklyn-sbs)

• To invite us to community events or give other feedback, please email us at [brt@dot.nyc.gov](mailto:brt@dot.nyc.gov)
Questions and Discussion