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 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

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

- 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](http://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

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
- 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

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
- CB18 Leadership Meeting
- CM Williams Town Hall Meeting

CB5 District Outreach
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 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 SBS Proposed Route

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

- B82 SBS to end at Cropsey/Bay 37 St, Local to serve existing to Coney Island
- Proposed re-route westbound via Glenwood Rd streamlines B82 and possibly B6
- Proposed re-route connects Kings Hwy to Flatlands Ave via Ave K instead of existing Flatbush Ave

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

Proposed new stop

B82 SBS Proposed Stops

- Proposed B82 SBS Stop
- 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**
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 5

Add pedestrian crossings on Pennsylvania Ave

B82 SBS Street Treatments*

- Bus lane one-way, along curb
- Bus lane two-way, travel lane
- Bus lane two-way, extra lane space
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- Key design pieces:
  - Flatlands Ave from E 103 St to Pennsylvania Ave
  - Pennsylvania Ave from Flatlands Ave to Seaview Ave
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 Pennsylvania Ave/Starrett City to Canarsie-Rockaway Pkwy station
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)
Existing: Pennsylvania Ave (Flatlands Ave to Seaview Ave)

- Slow bus speeds along Pennsylvania Ave
- Serves 5 bus routes (B82 Local, B82 Limited, B83, BM2, BM5)
- Long pedestrian crossings
- Narrow concrete medians

Pennsylvania Ave near Twin Pines Dr, looking south

Pennsylvania Ave at Vandalia Ave, looking south
Existing: Pennsylvania Ave (Flatlands Ave to Seaview Ave)
Proposed: Pennsylvania Ave (Flatlands Ave to Seaview Ave)

- Build out existing painted pedestrian areas as concrete islands
- Maintain 2 travel lanes in each direction
- Offset bus lanes for faster, more reliable bus service (open to all buses, emergency vehicles, right turns)
- Parking remains on both sides of Pennsylvania Ave
Existing: Pennsylvania Ave at Delmar Loop

• More than 1,000 feet between nearest marked crosswalks at Vandalia Ave and Twin Pines Dr
• High number of midblock crossings throughout the day
Proposed: Pennsylvania Ave at Delmar Loop

New crosswalk and new traffic signal for Delmar Loop and crossing Pennsylvania Ave

Painted curb extension for shorter crossing

Build out concrete island with pedestrian cut-through
Existing: Pennsylvania Ave at Hornell Loop

- More than 1,000 feet between nearest marked crosswalks at Geneva Loop and Seaview Ave
- High number of midblock crossings throughout the day
Proposed: Pennsylvania Ave at Hornell Loop

- **Painted curb extension for shorter crossing**
- **Add pedestrian cut-through spaces to existing median**
- **New crosswalks and new traffic signal at Hornell Loop for crossing Pennsylvania Ave**
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: Kings Hwy at Nostrand Ave, Kings Hwy at Flatbush Ave, Flatlands Ave at Ralph 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 or
  – nycdotfeedbackportals.nyc/south-brooklyn-sbs

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