B82 Southern Brooklyn Select Bus Service
For presentation to CB 5 Transportation Committee | January 22, 2018
Overview

• Project Background
• B82 SBS Plan & Street 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
Community Engagement

• Borough Hall Kickoff Meeting (2015)
• Online Feedback Portal
  – Site is still live at nycdotfeedbackportals.nyc
• Stakeholder Meetings
  – 40+ meetings to date across the corridor
  – Civic associations, schools, senior centers, libraries, places of worship, medical centers
• On-Street Outreach
  Over 1500 passengers reached at 12 Bus Stops
  – 3000 project information cards distributed
• Community Board Meetings
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
    • Stakeholder meeting with Kings Hwy Beautification Association, Edith and Carl Marks Center
    • Magen David Yeshiva Discussion

2016 continued
• 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, CB11, CB14, CB15, CB18
• United Canarsie South Civic Association
  • 2nd NYCHA Breukelen Houses Presentation
  • 2nd Starrett City TA Meeting

CB 5 District Outreach
Community Engagement

• What We Heard From You Last Time (April 2017):
  – Flatlands Ave at Louisiana Ave is an important B82 stop for access to CCC, shopping center, Breukelen Ballfields
  – Questions about SBS fare payment and how the new service will work
  – Access to Canarsie-Rockaway Parkway station
B82 Transit Issues – CB5

- Buses are delayed by traffic, double parking, difficulty pulling in and out of bus stops
- Customers wait in long lines to pay on board the bus
- Some bus stops lack amenities (seating, shelters, countdown clocks, etc.)
B82 Safety Issues – CB5

- Vision Zero is a multiagency effort to reduce traffic fatalities
- Improving safety is a goal of all DOT projects

Key Safety Issues Identified along the B82 Route in CB5:

- Long pedestrian crossings along Pennsylvania Ave and Flatlands Ave
- Long gaps between places to safely cross the street
- Limited visibility at some intersections
- Difficult turns across traffic
B82 Route Changes

Proposed re-route westbound via Glenwood Rd for more direct connection to L station

B82 SBS Proposed Route

- Proposed B82 SBS Route
- Existing B82 Limited Route
Stop added in response to CB 5 request
B82 SBS Stops

Stop added in response to CB 5 request

B82 SBS Proposed Stops

- Proposed B82 SBS and Local Stop
- B82 Local Stop

Proposed B82 SBS Route

Existing B82 Limited Route
B82 SBS Plan & Designs
Proposed Street Treatments – CB5

Street Changes in CB5 to Improve Bus Service and Safety:

• Bus Lanes on Flatlands Ave (E 103 St to Pennsylvania Ave, 7A-7P Mon-Sat)
• Bus Lanes on Pennsylvania Ave (Flatlands Ave to Seaview Ave, 24/7)
• New pedestrian crossings to cross Pennsylvania Ave
• Wider concrete pedestrian islands along 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
- Widen/reconfigure travel lanes
- Major safety treatment
- No new treatment proposed

*Note: Bus lanes serve all buses, emergency vehicles, and right turns
Flatlands Ave (E 103 St to Pennsylvania Ave)

• 3 city bus routes and 1 express bus route use this portion of Flatlands Ave
• Important transit connection to Canarsie-Rockaway Pkwy station
• Buses move only 5-10 MPH during AM and PM rush hour
Flatlands Ave (E 103 St to Pennsylvania Ave)

Existing

- 19’ Travel Lane/Bus Stop/Parking
- 11’ Travel Lane
- 10’ Turn Lane
- 11’ Travel Lane
- 19’ Travel Lane/Bus Stop / Parking

Proposed

- 8’ Bus Stop/Parking
- 11’ Bus Lane
- 11’ Travel Lane
- 10’ Turn Lane
- 11’ Travel Lane
- 11’ Bus Lane
- 8’ Bus Stop/Parking

- Faster, more reliable transit connection to Canarsie-Rockaway Pkwy L station and points west
- Minimal parking loss
- Improved signal timing to provide better flow for buses and traffic
- New high-visibility crosswalks along Flatlands Ave
Proposed: Flatlands Ave (E 103 St to Pennsylvania Ave)

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

- Faster, more reliable service for B82 SBS/Local, B83, express buses
- No changes to travel lanes and minimal parking loss
- More protected crossings for pedestrians with wider concrete islands
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
- Add traffic signal with crosswalk
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
- Add traffic signal and crosswalk
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

- Westbound buses will be re-routed via Glenwood Rd bus lane
  - Faster, more direct routing to Canarsie-Rockaway Pkwy station
  - More customer-friendly routing by matching both directions
  - Reduces bus traffic on local streets and at major intersections
- B82 SBS will temporarily stop outside of Canarsie-Rockaway Pkwy station on Glenwood Rd, due to new MTA station reconstruction project (until approximately 2020)
Next Steps

Winter 2018
• Present final plan to community boards and elected officials
• Continue stakeholder outreach
• Begin fare machine construction at B82 SBS stops

Spring – Summer 2018
• Implement project street designs and install SBS stop amenities – fare machines, bus shelters, wayfinding totems with countdown clocks
• Summer 2018: 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