

B82 Southern Brooklyn Select Bus Service

For presentation Starrett City Tenant Association | December 13, 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



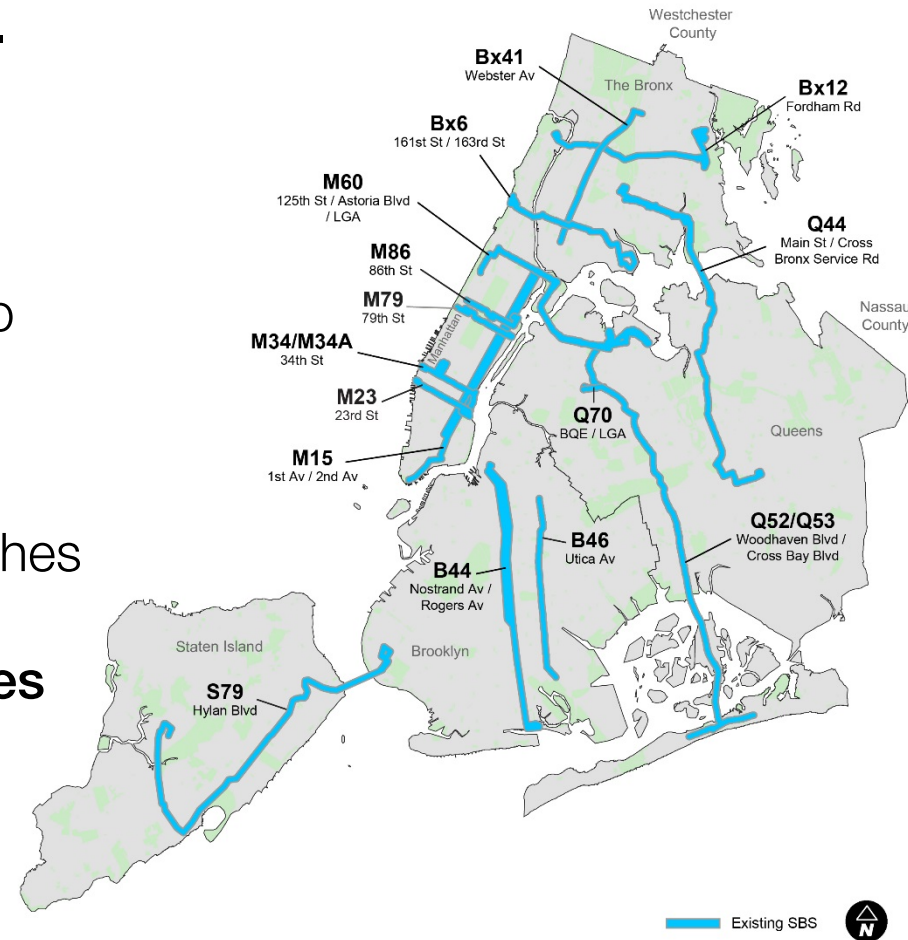
Select Bus Service in New York City

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 15 Select Bus Service routes in operation serving all 5 boroughs.



Select Bus Service Features

Dedicated Bus Lanes



Signal Priority for Buses



- **Faster** bus rides
- **Reduced traffic conflicts** between buses and traffic
- **More reliable** bus service
- Buses spend **less time stopped** at red lights

Off-Board Fare Collection



All-Door Boarding



- **Quicker** bus boarding
- Buses spend **less time waiting** at bus stops

Select Bus Service Features

Improved Station Amenities



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

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)
 - **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

Near/In Starrett City Outreach

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

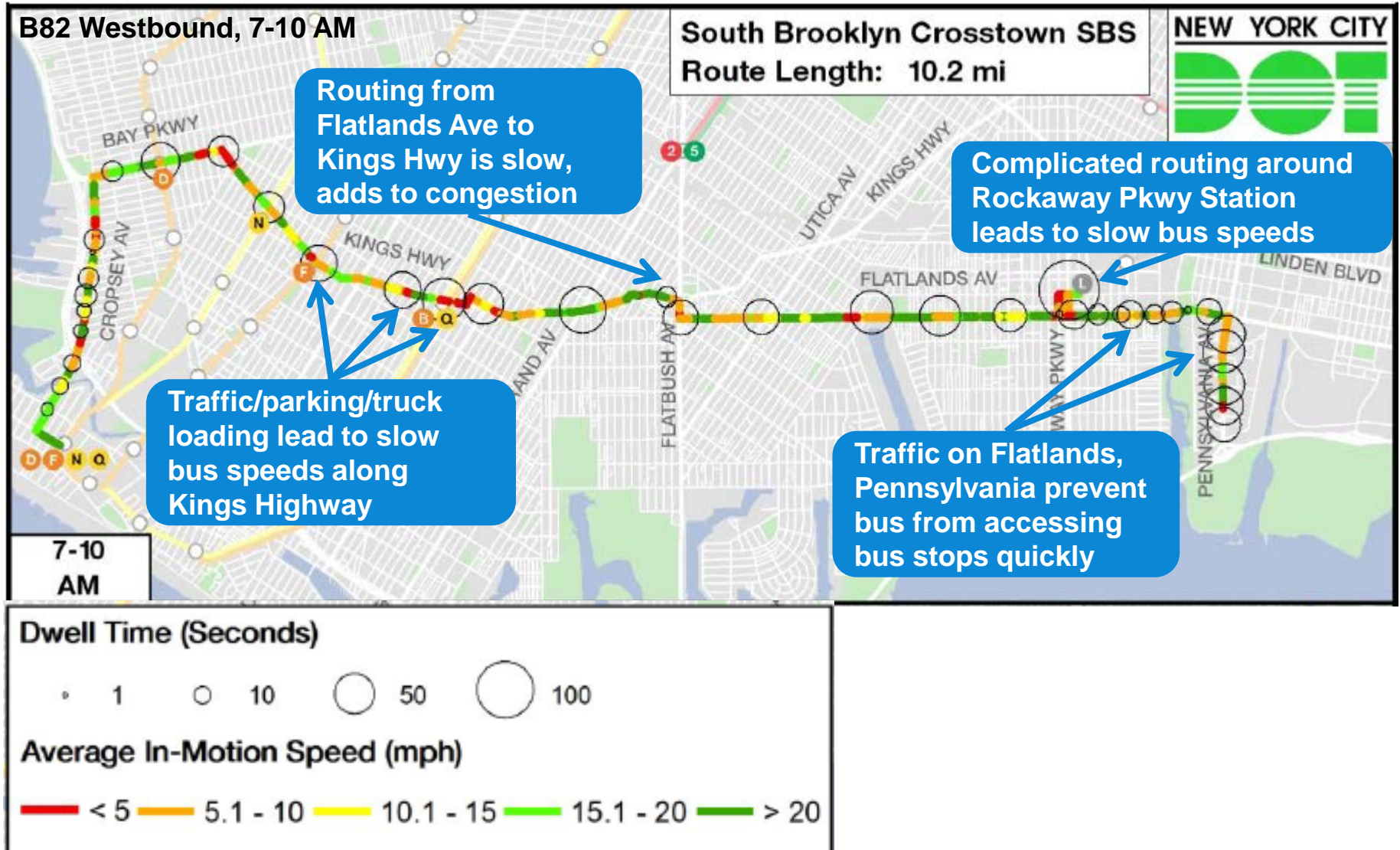
2017

- 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 TA Present Briefing
- **2nd Starrett City TA President Briefing**

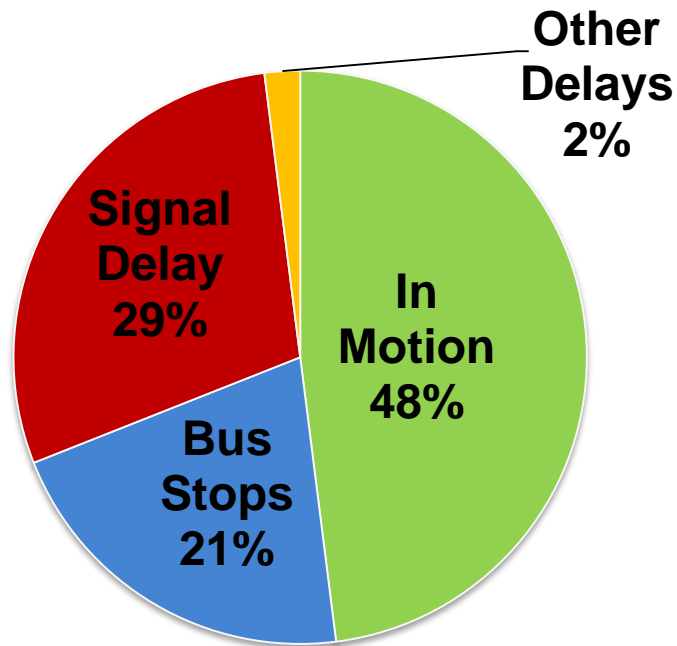
Community Engagement

- **What We Heard From You:**
 - **Access to Gateway Mall important**
 - **Concerns with B83 bus service**
 - **Questions about fare payment**
 - **Double parking on Pennsylvania Ave**
 - **Crossing safety questions**
 - **Access to Rockaway Parkway** 

Existing B82 Bus Speeds



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



nyc.gov/visionzero

- 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 Stops



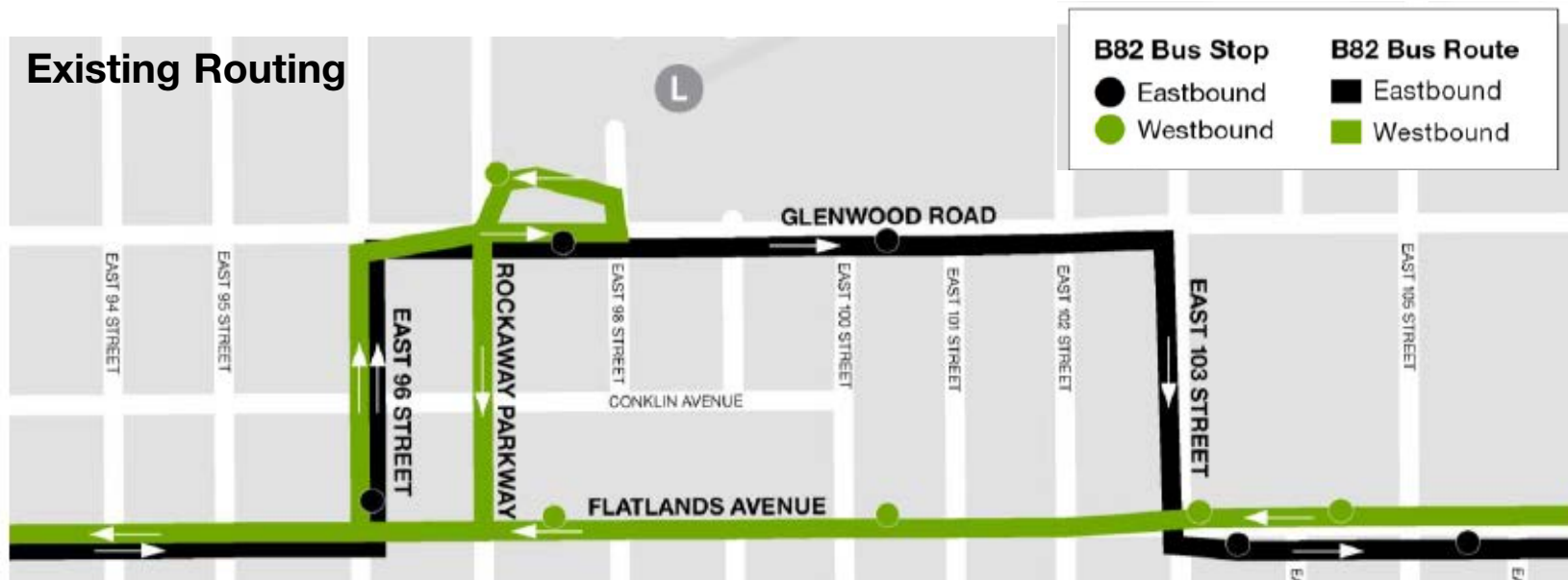
B82 SBS Stops



B82 SBS Proposed Designs

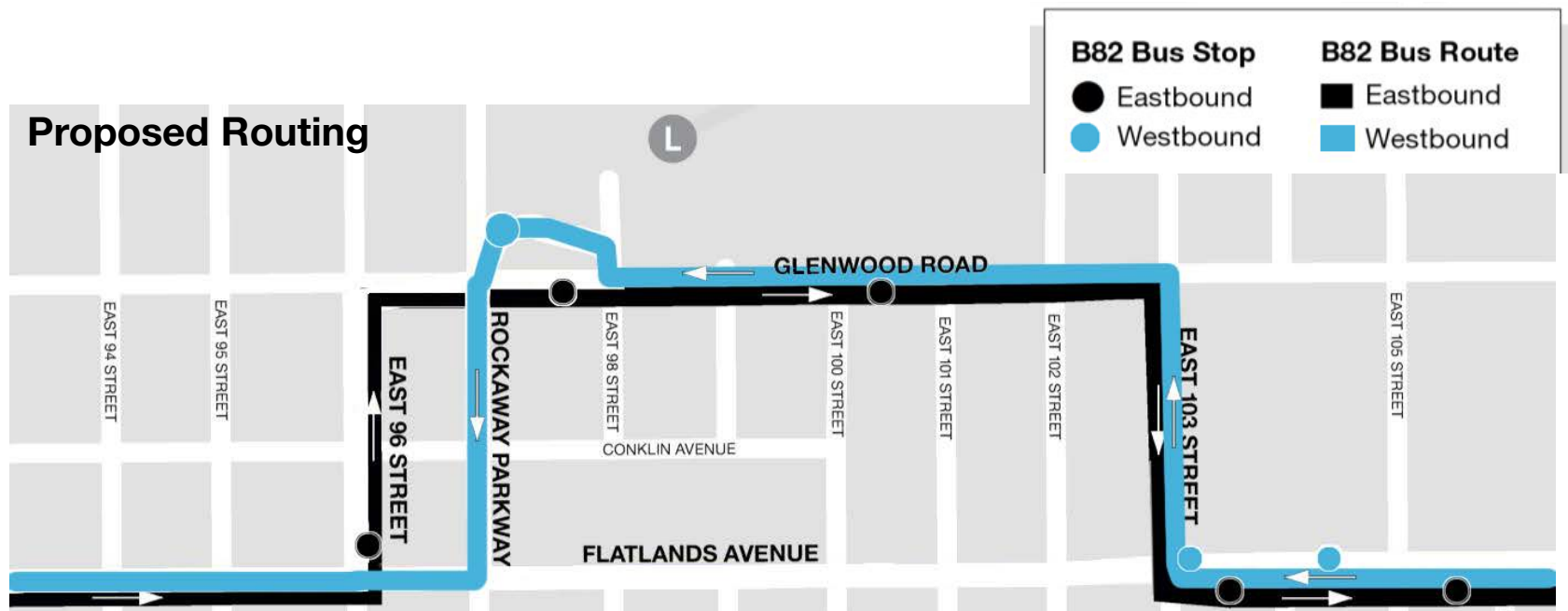
B82 route to Canarsie-Rockaway Pkwy

- 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



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



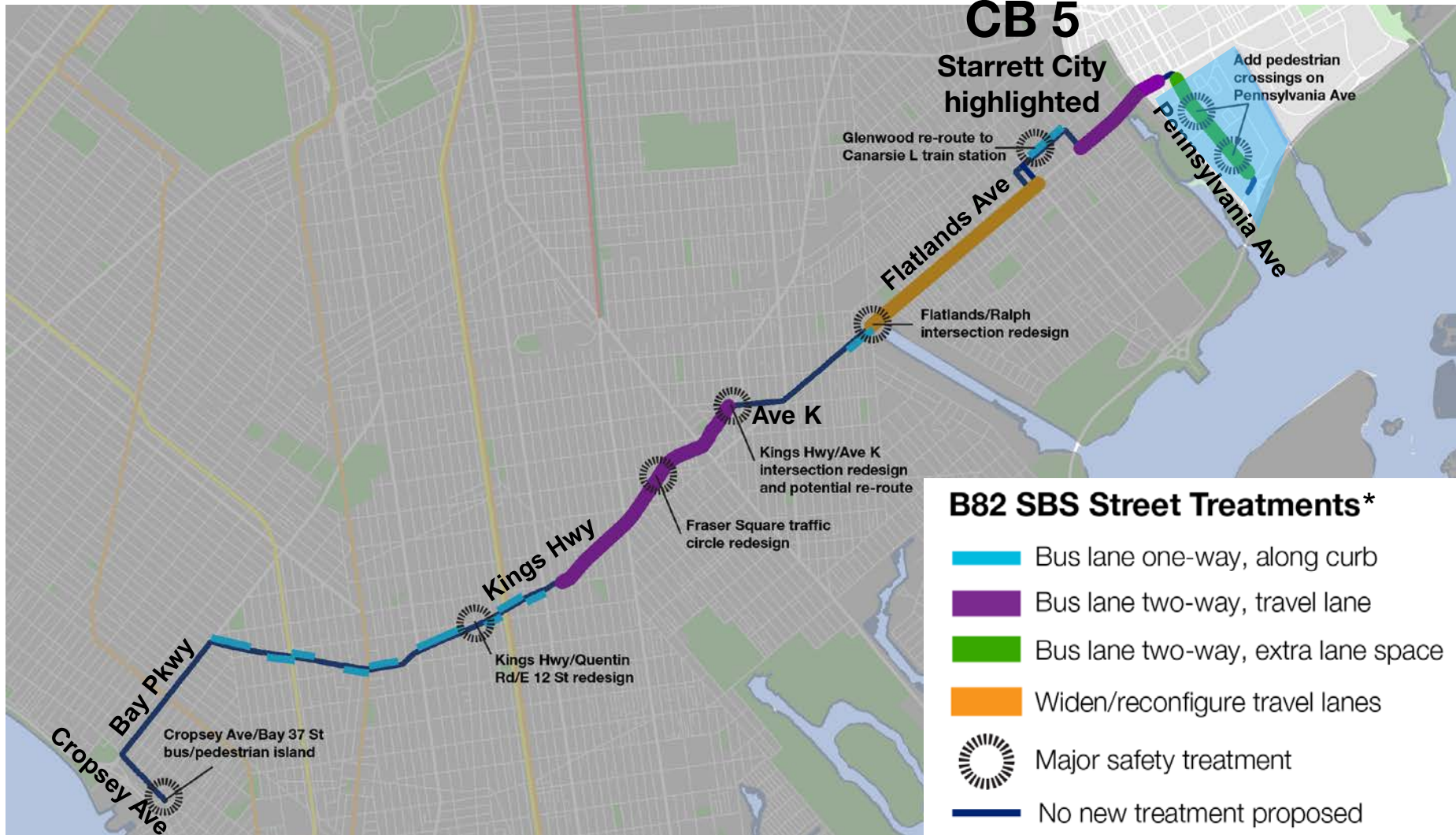
L - Rockaway
Parkway
Station Entrance

Glenwood Rd at E 98 St

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

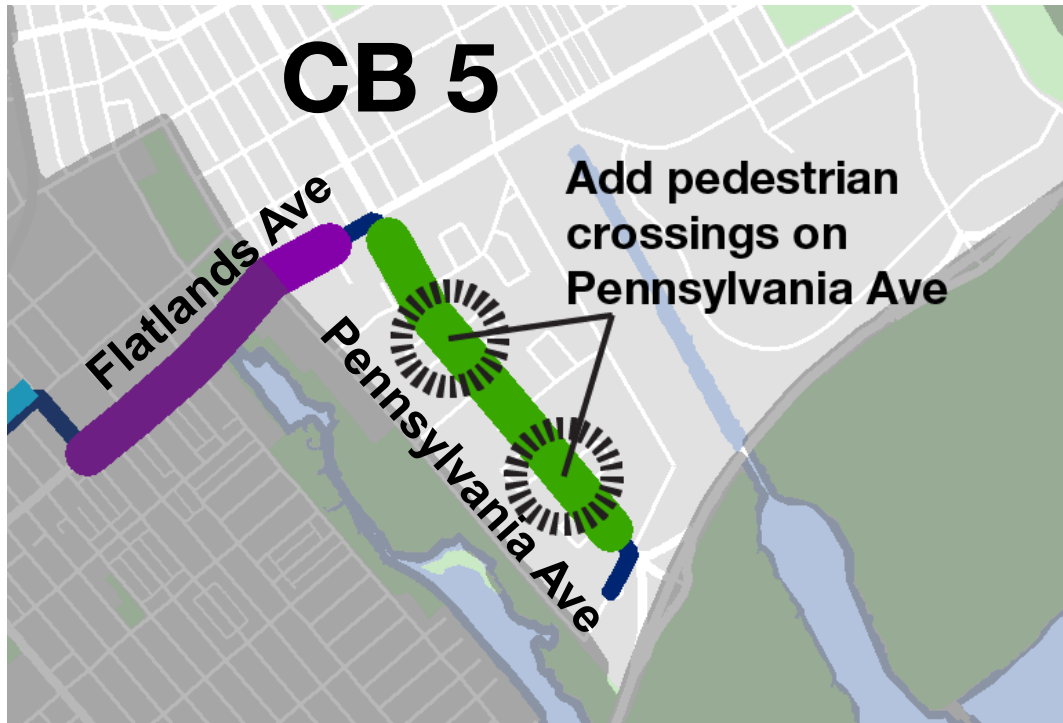


Proposed Street Treatments



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

District 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**

- Key design pieces:
 - Flatlands Ave from E 103 St to Pennsylvania Ave
 - Pennsylvania Ave from Flatlands Ave to Seaview Ave

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

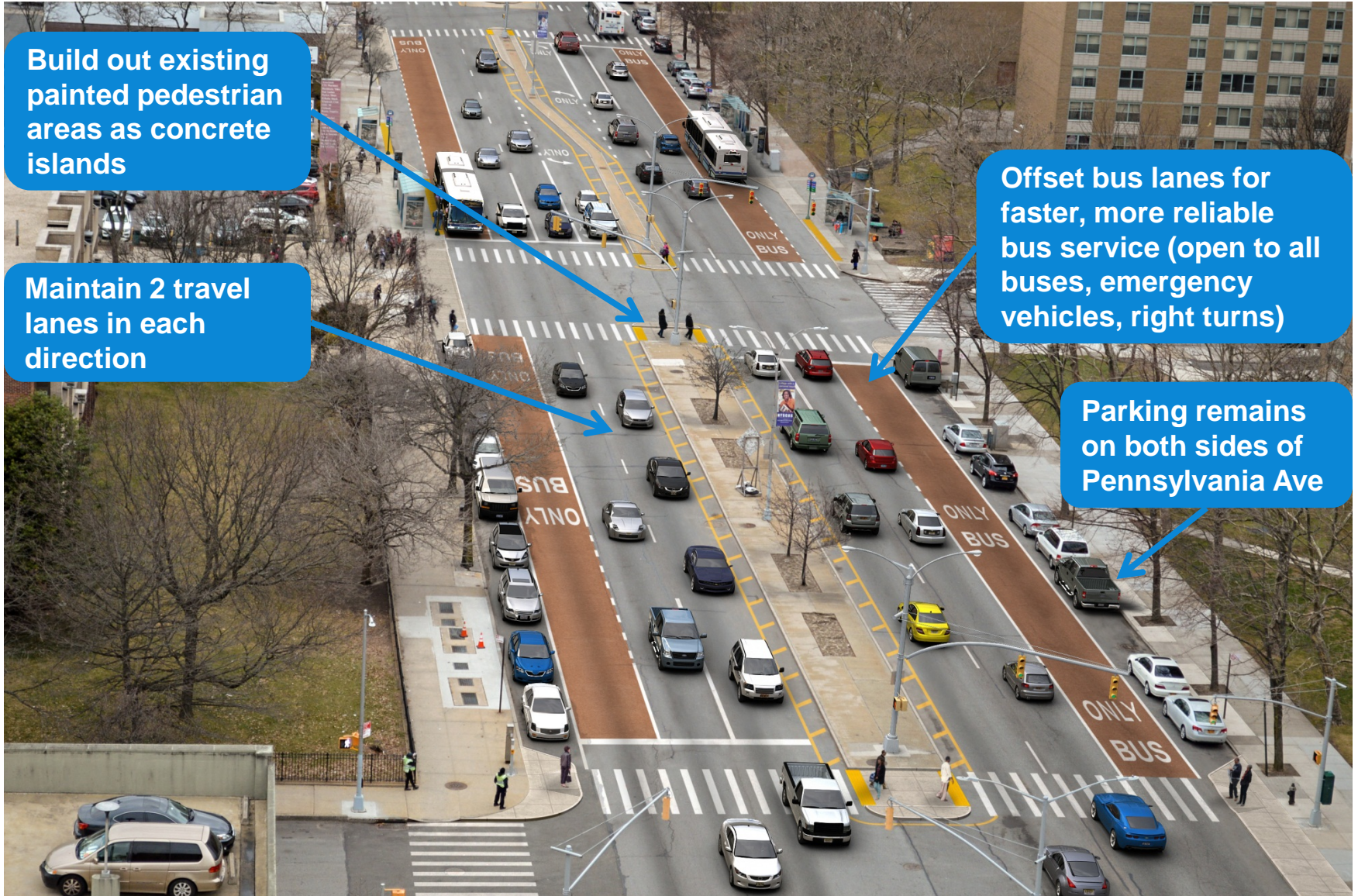


Pennsylvania Ave at Vandalia Ave, looking south

Existing: Pennsylvania Ave (Flatlands Ave to Seaview Ave)



Proposed: Pennsylvania Ave (Flatlands Ave to Seaview Ave)



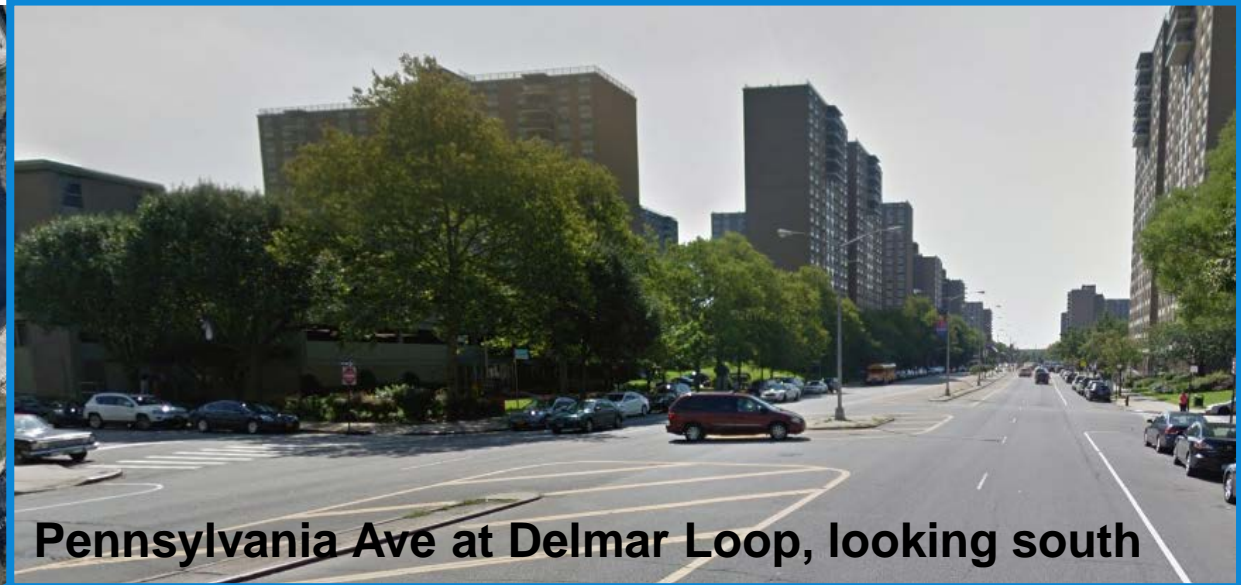
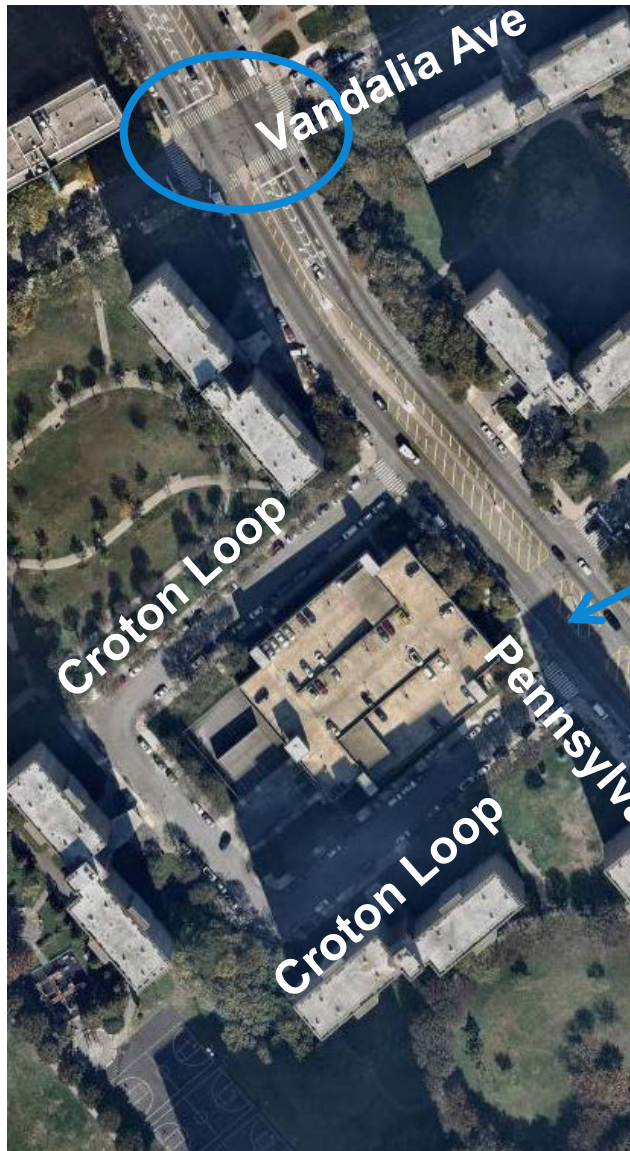
Build out existing painted pedestrian areas as concrete islands

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

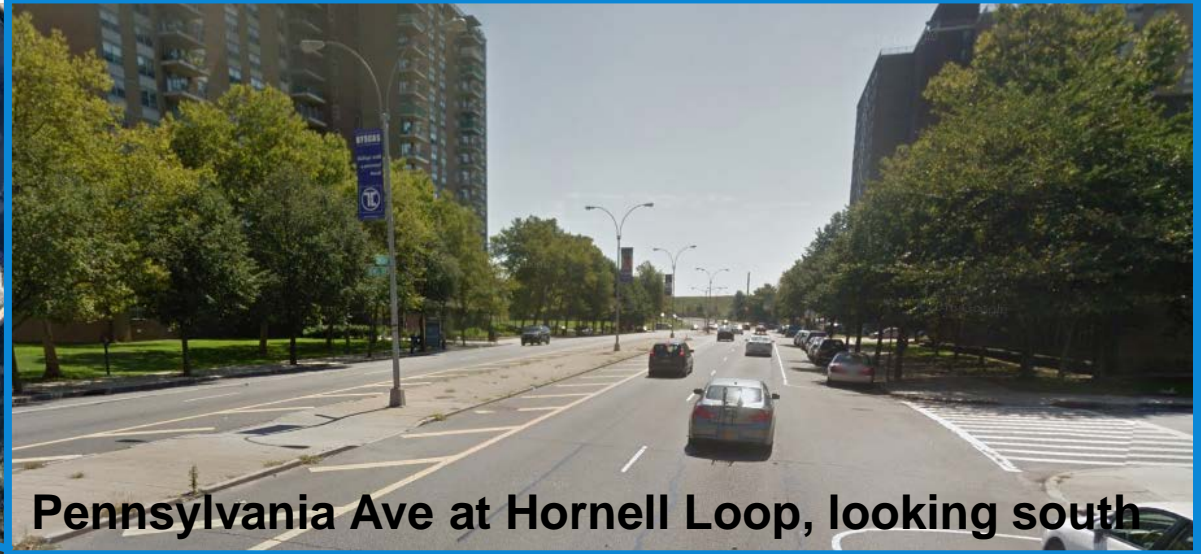
Pennsylvania Ave at Delmar Loop



Pennsylvania Ave at Delmar Loop, looking south

- 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

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
- Add traffic signal and crosswalk

Next Steps

Fall 2017

- Update street design based on community feedback
- Continue Stakeholder Outreach

Winter-Spring 2018

- Present final plan to community boards and elected officials
- Continue stakeholder outreach
- Begin construction for SBS fare machine installation

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**

Questions and Discussion

