

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

CB 5 District 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

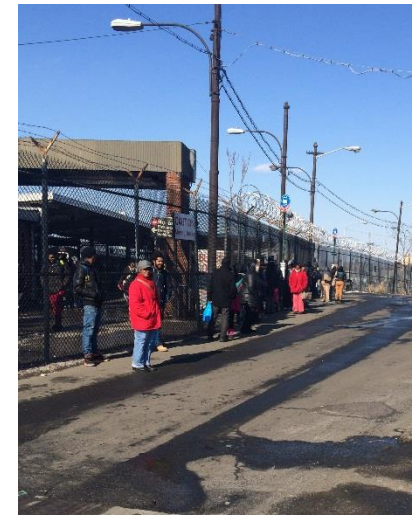
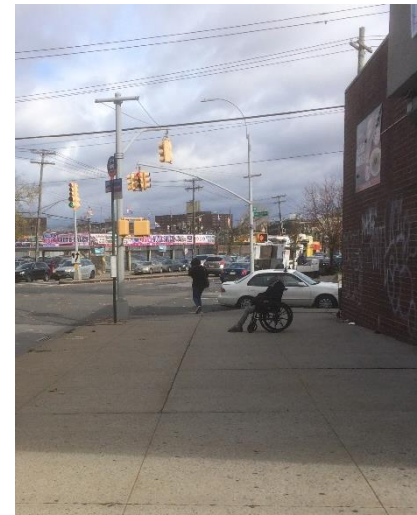
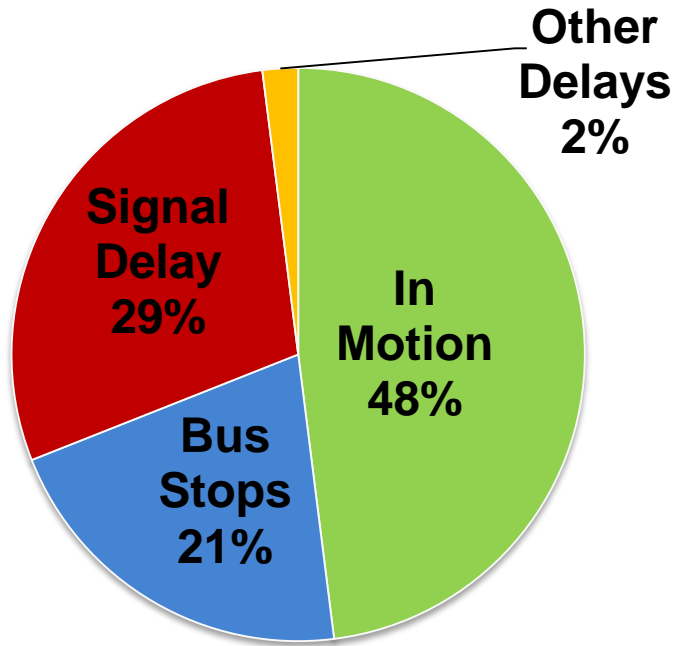
2017

- 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 Presentation
- **2nd Starrett City TA Meeting**

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

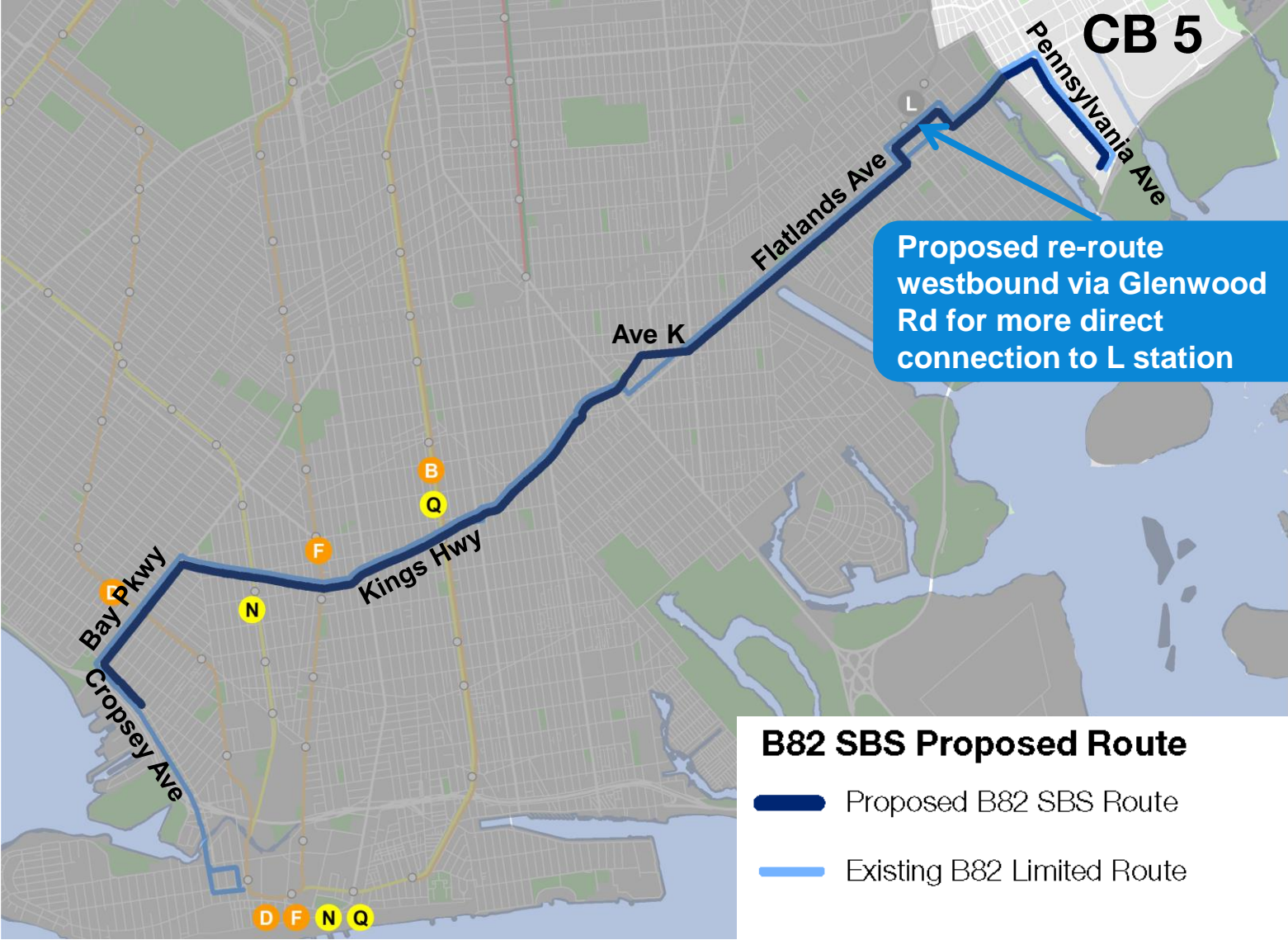


- Vision Zero is a multiagency effort to reduce traffic fatalities
- Improving safety is a goal of all DOT projects

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

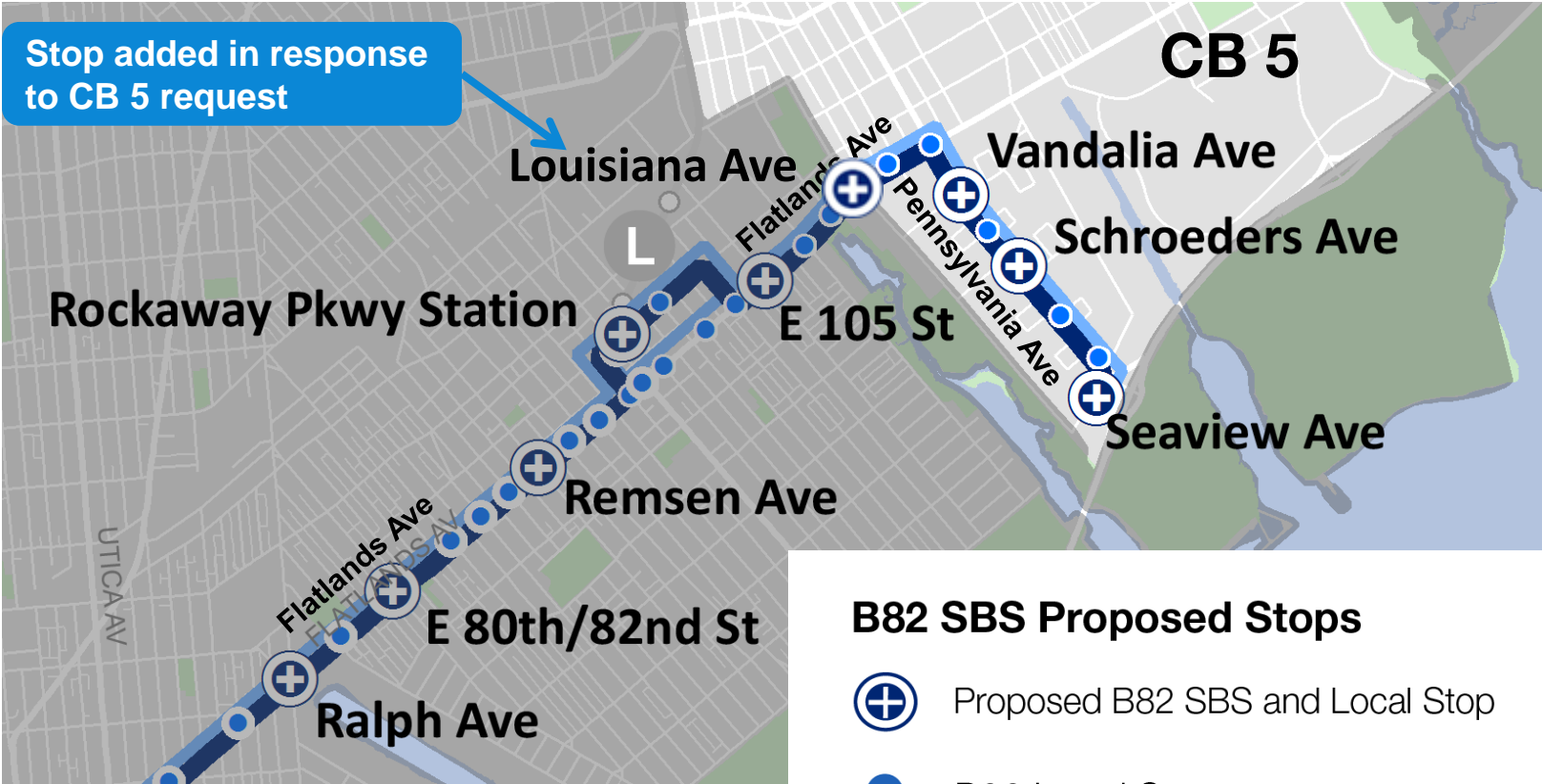
B82 Route Changes







B82 SBS Stops



B82 SBS Stops

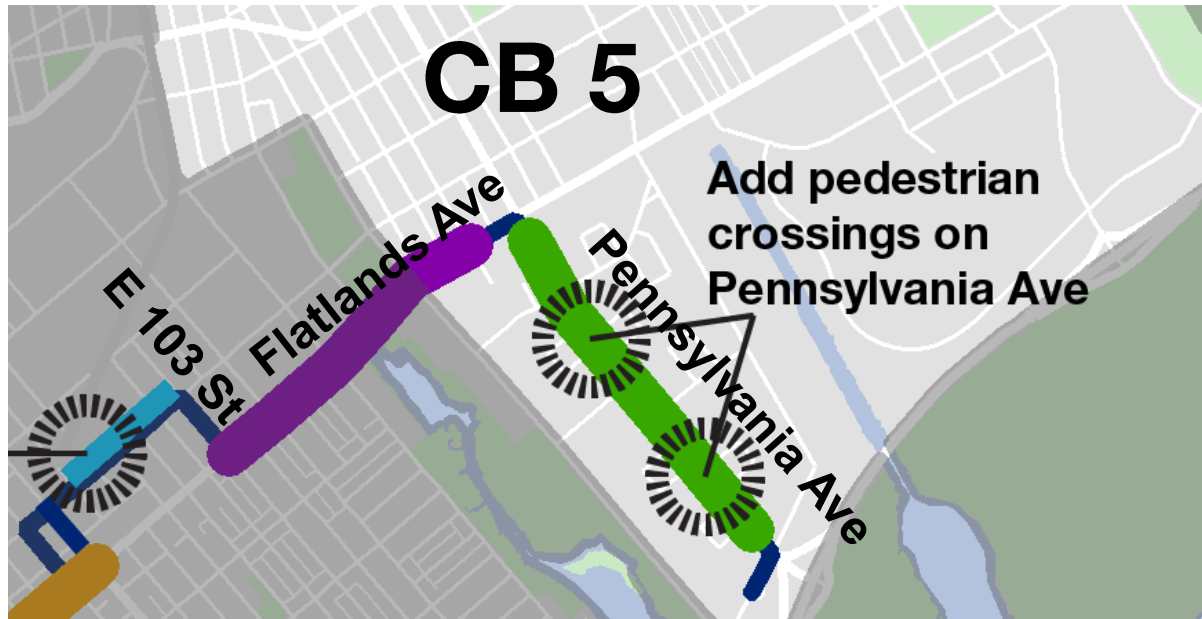


B82 SBS Proposed Stops







-  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



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**

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

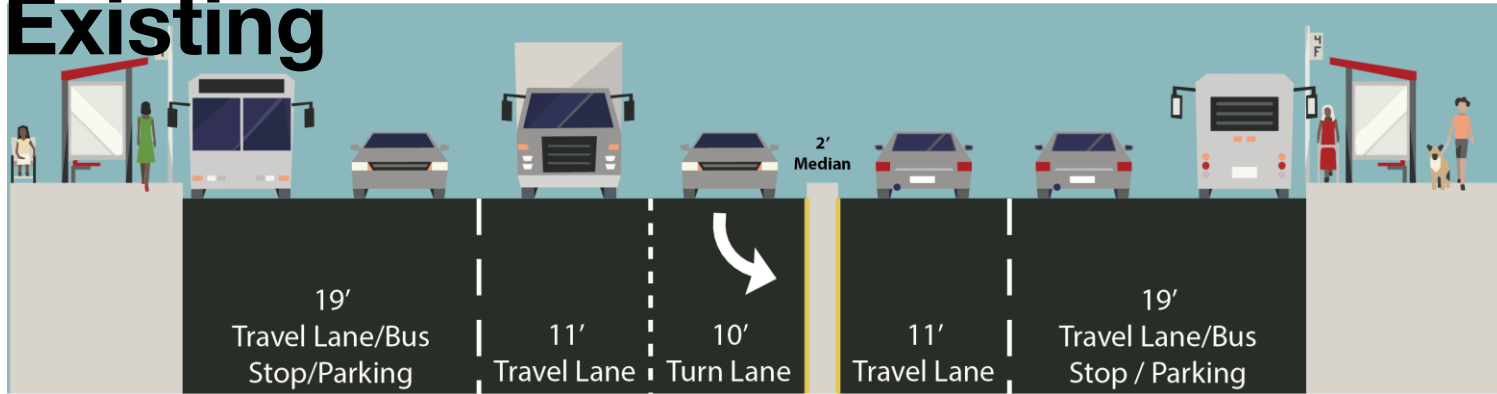
Flatlands Ave (E 103 St to Pennsylvania Ave)

- 3 city bus routes and 1 express bus route use this portion of Flatlands Ave
- Important transit connection to **L** Canarsie-Rockaway Pkwy station
- Buses move only 5-10 MPH during AM and PM rush hour

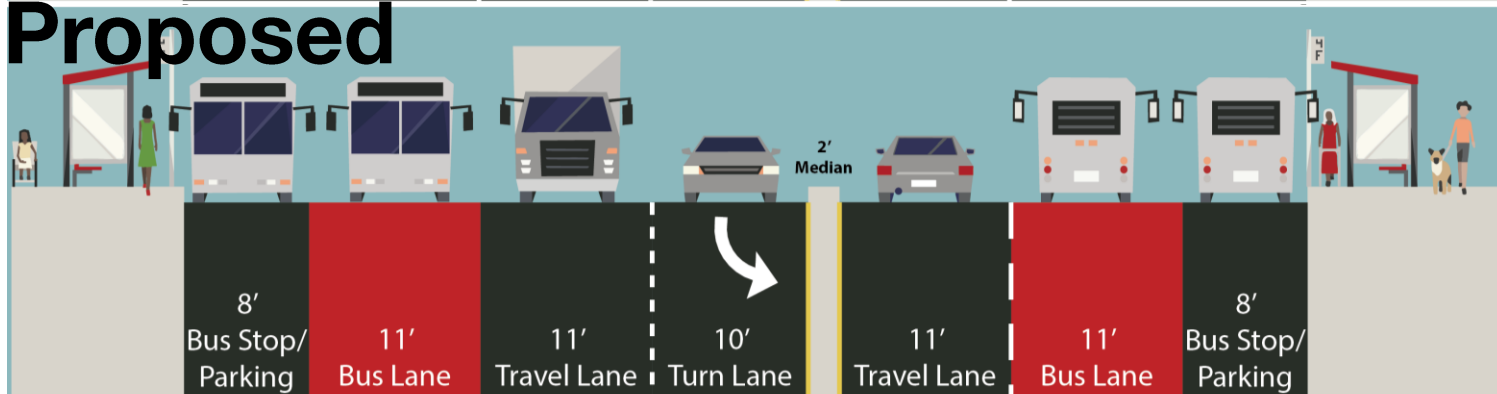


Flatlands Ave (E 103 St to Pennsylvania Ave)

Existing



Proposed



- 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

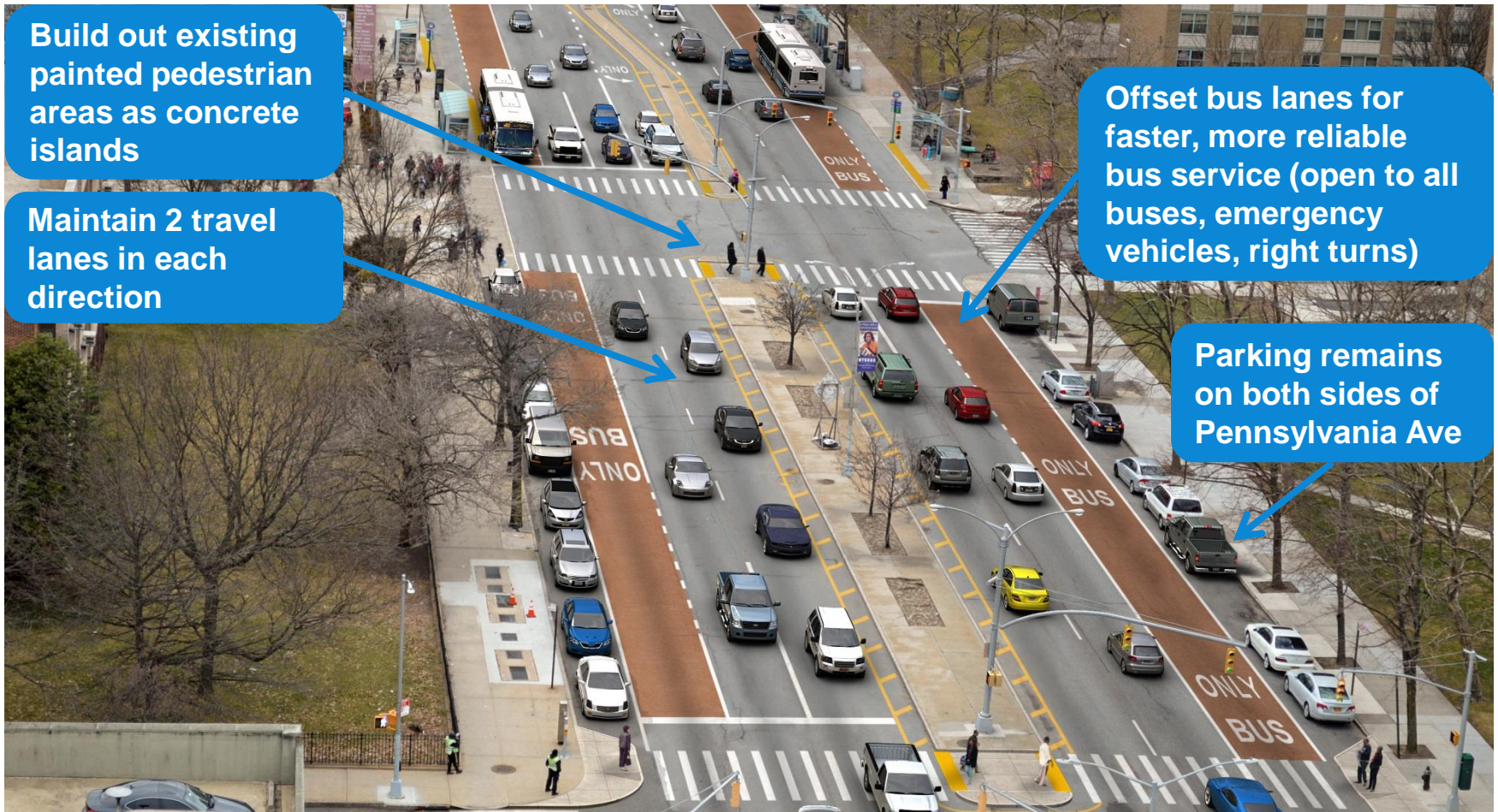


Pennsylvania Ave at Vandalia Ave, looking south

Existing: Pennsylvania Ave (Flatlands Ave to Seaview Ave)

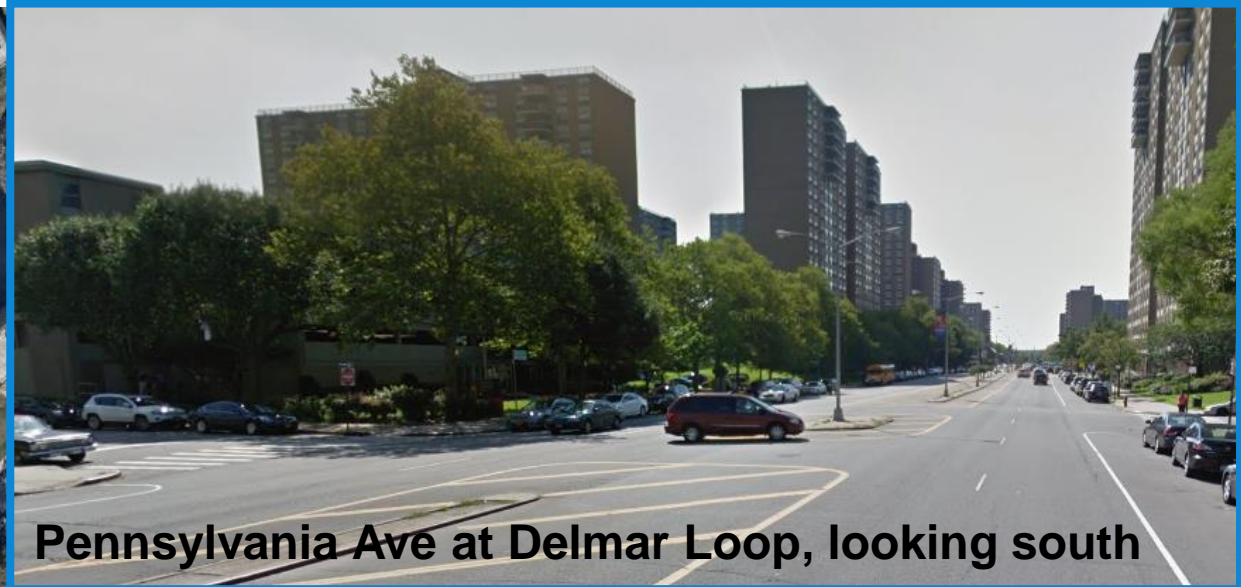
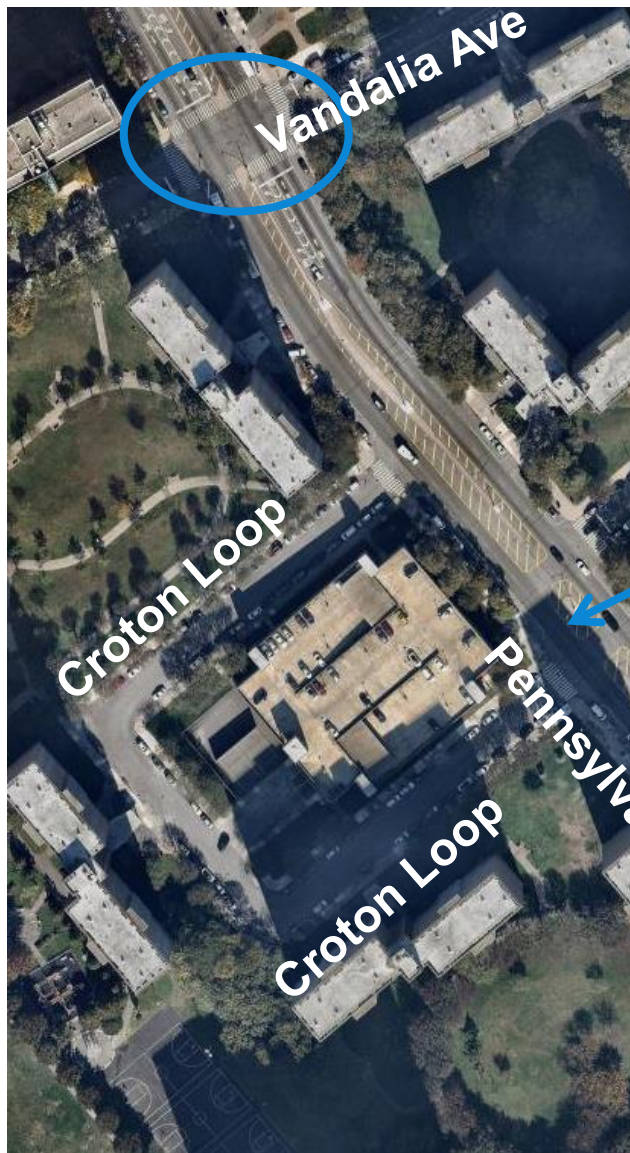


Proposed: Pennsylvania Ave (Flatlands Ave to Seaview Ave)



- 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

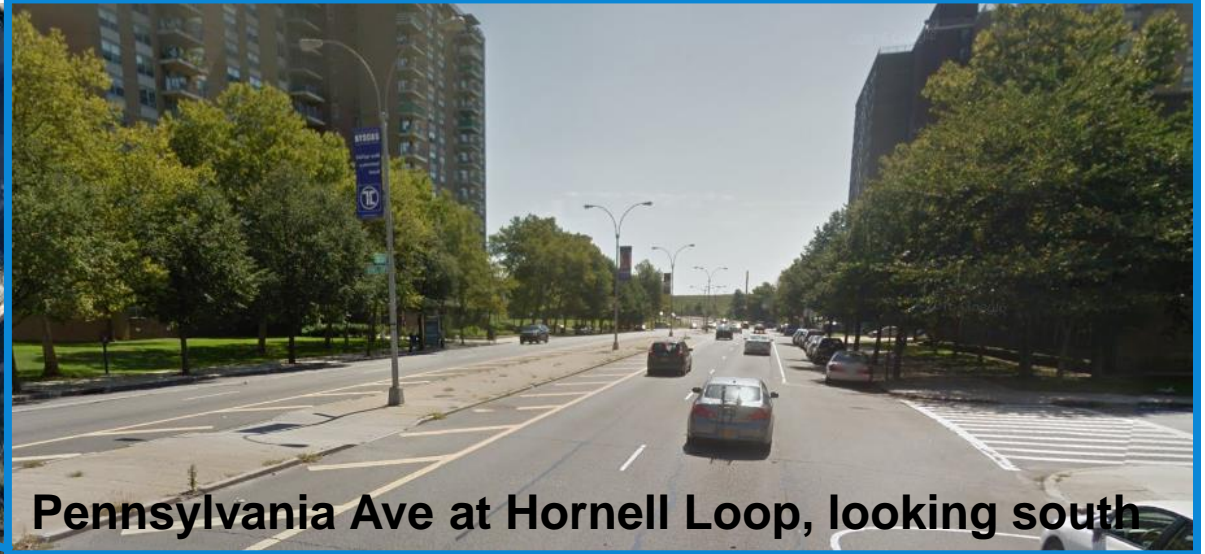
Pennsylvania Ave at Delmar Loop



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

Pennsylvania Ave at Hornell Loop

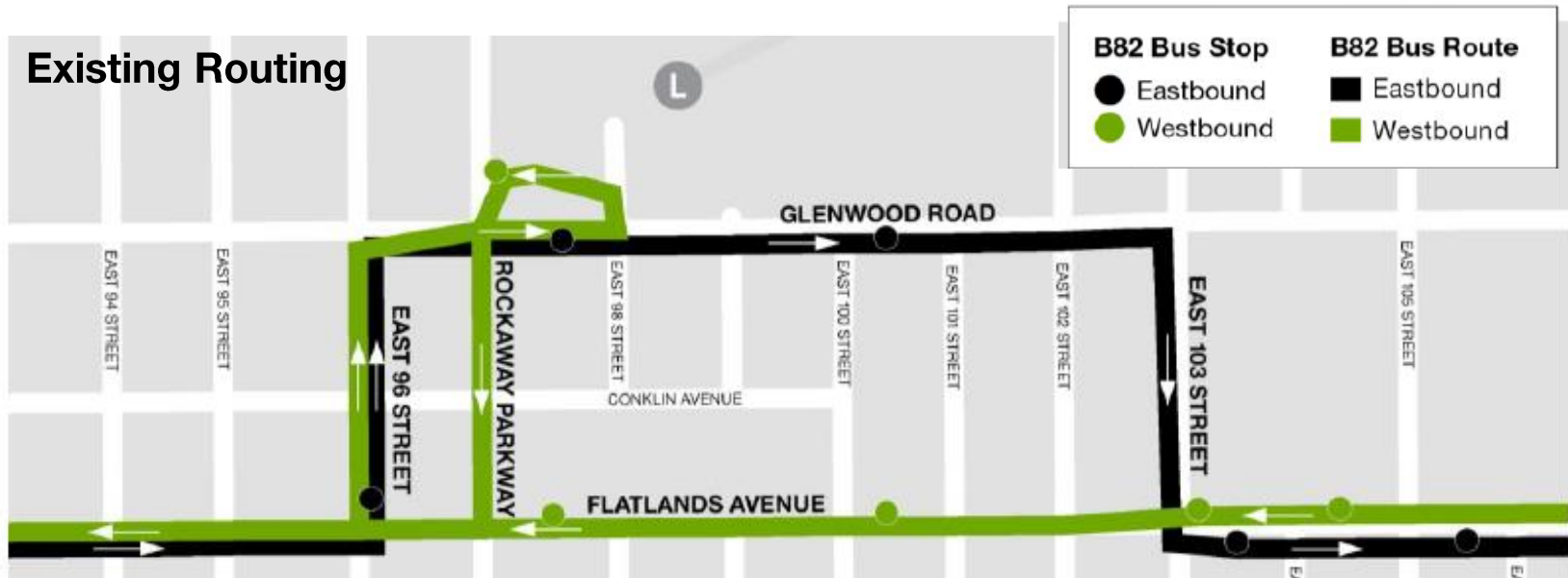


Pennsylvania Ave at Hornell Loop, looking south

- 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

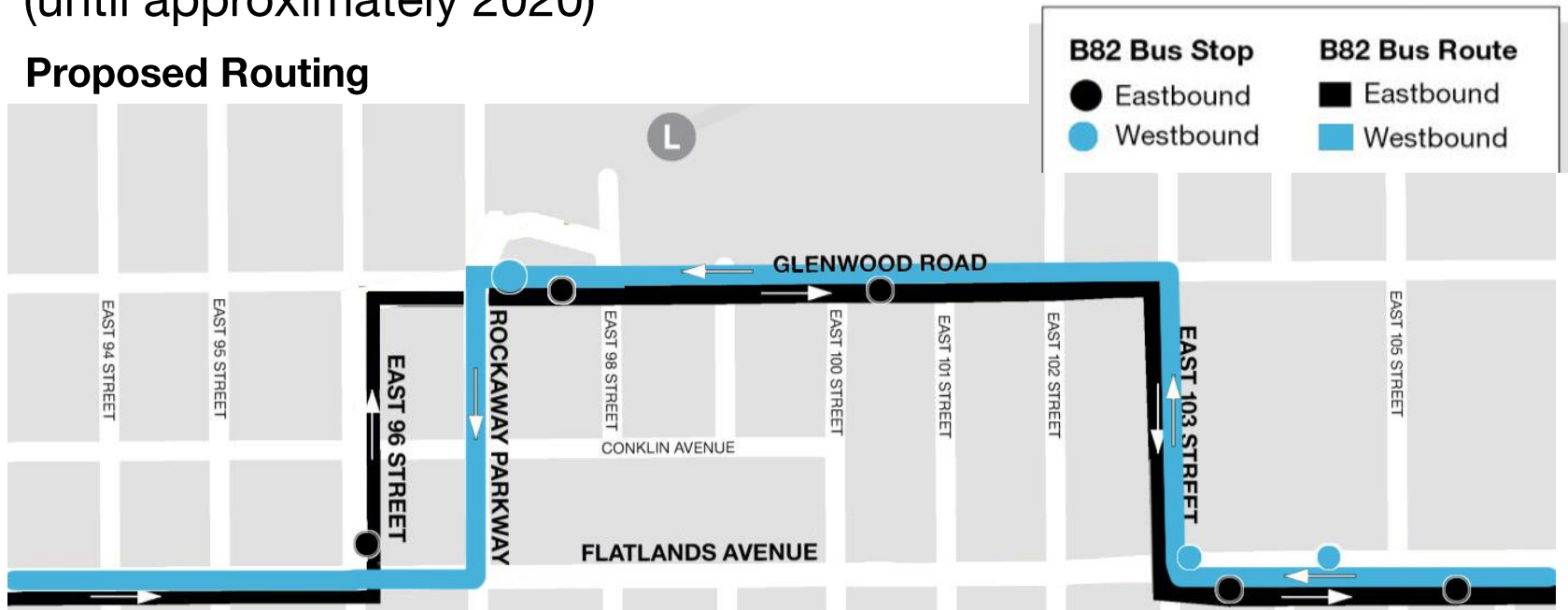
- Westbound loop confusing and slow for bus customers
- Can take up to 10 minutes to return to Flatlands Ave
- Adds unnecessary traffic on local streets and at major intersections



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)

Proposed Routing



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**

Questions and Discussion

