

# B82 Southern Brooklyn Select Bus Service

For presentation to CB 5 Transportation Committee | April 24, 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





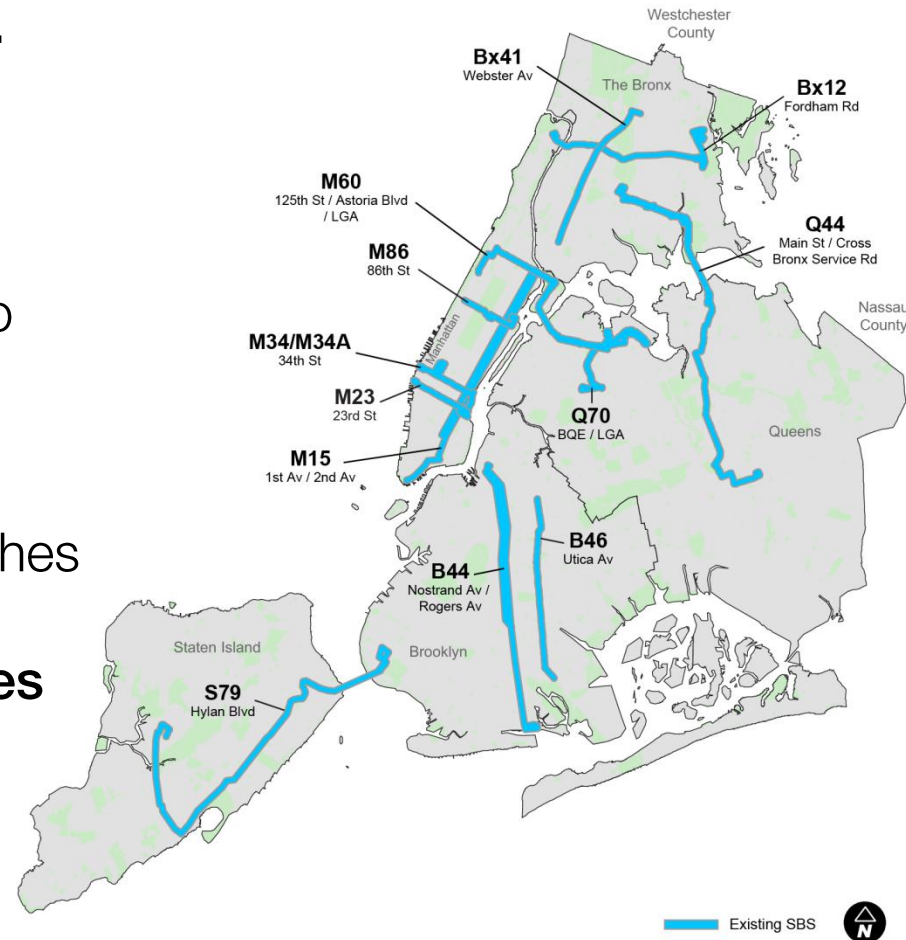
# Select Bus Service in New York City

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 12 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](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 86<sup>th</sup> St
    - Glenwood Rd at Rockaway Parkway
    - Flatlands Ave at Rockaway Parkway
    - Bay Parkway at 86<sup>th</sup> St #2
    - Kings Highway at W. 7<sup>th</sup> St
    - Kings Hwy at McDonald Ave
    - Kings Hwy at Ocean Ave
    - Kings Hwy at E. 15<sup>th</sup> St #2
- Brooklyn Borough Service Cabinet Presentation
- Kings Highway BID Walkthrough

CB5 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

## 2016 *continued*

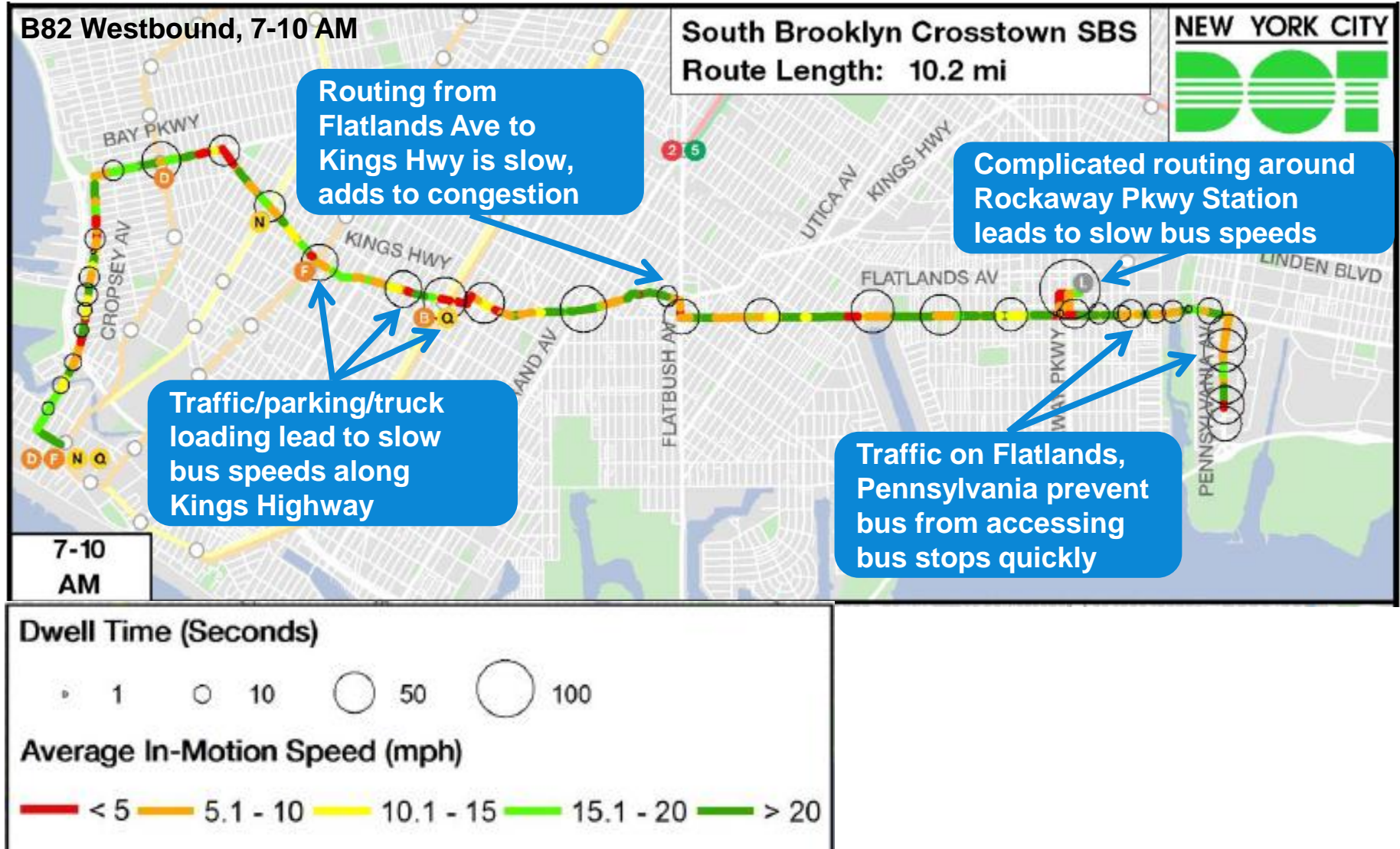
- Stakeholder meeting with Kings Hwy Beautification Association, Edith and Carl Marks Center
- Magen David Yeshiva Discussion
- **Christian Cultural Center Traffic Observation**
- Kings Hwy @ Fraser Square Constituent Walkthrough

## 2017

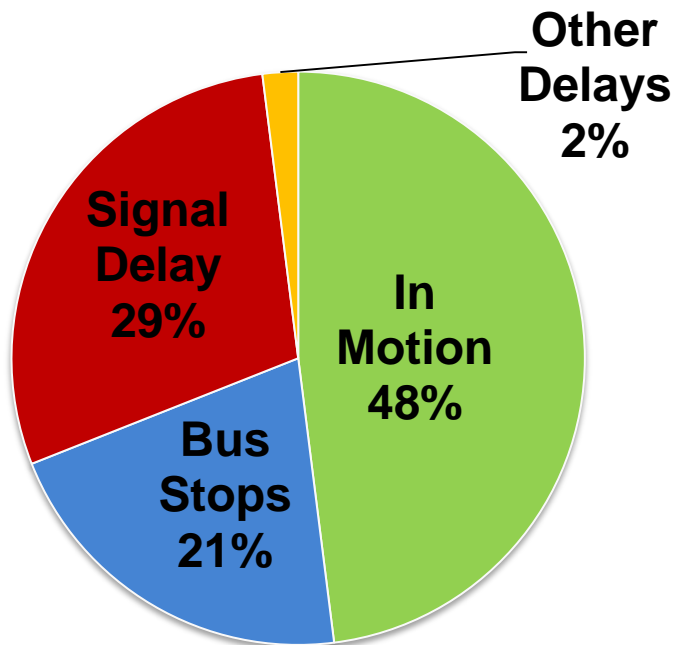
- Library Outreach
  - Canarsie Branch
  - Highlawn Branch
  - Kings Highway Branch
  - Highlawn Branch #2
- **Senior Centers Outreach**
  - **Vandalia Neighborhood**
    - Abe Stark Center
    - Midwood Neighborhood Center
    - Ocean Parkway Neighborhood Center
- CB18 Leadership Meeting
- CM Williams Town Hall Meeting



# 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



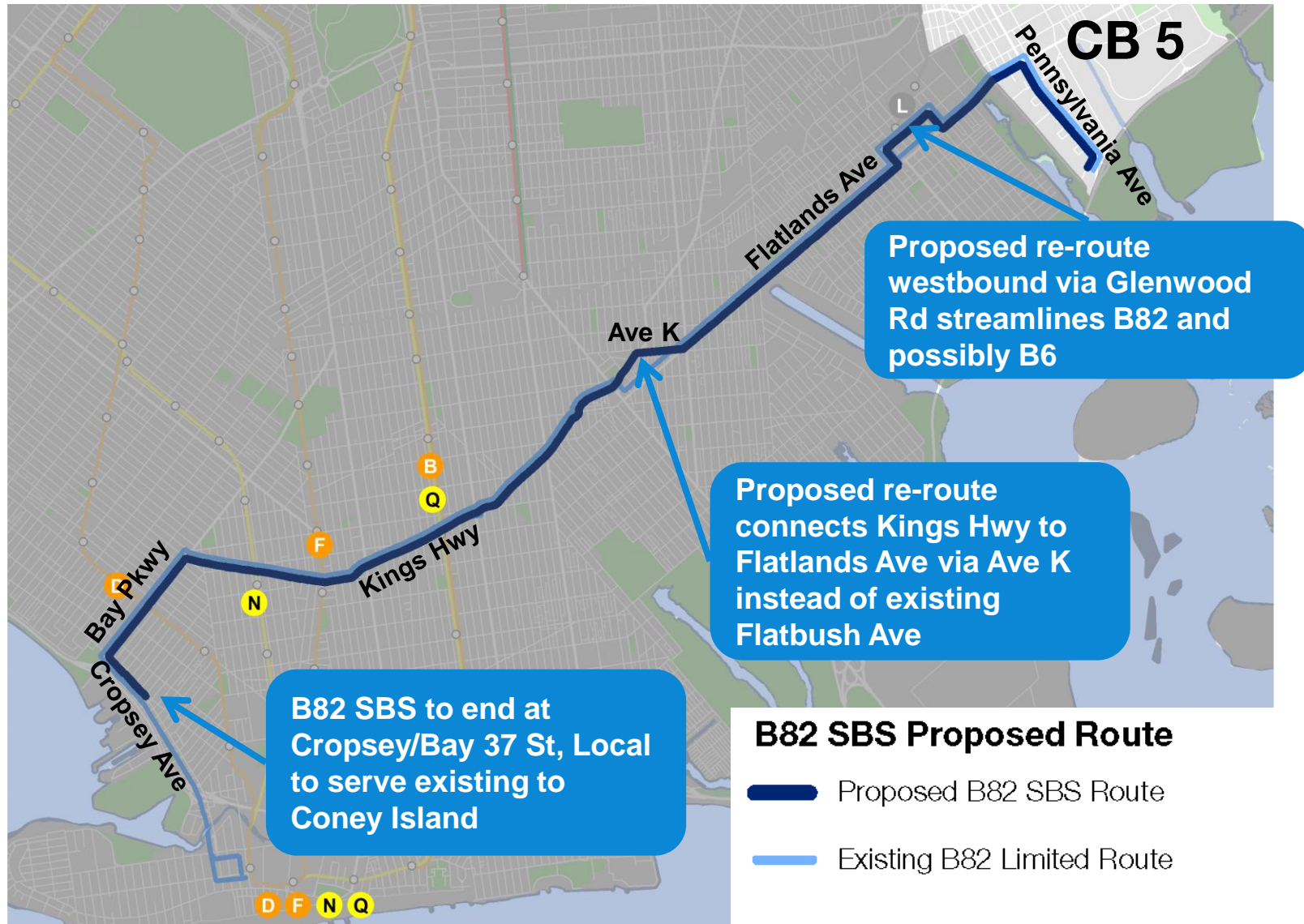


# B82 Safety Issues





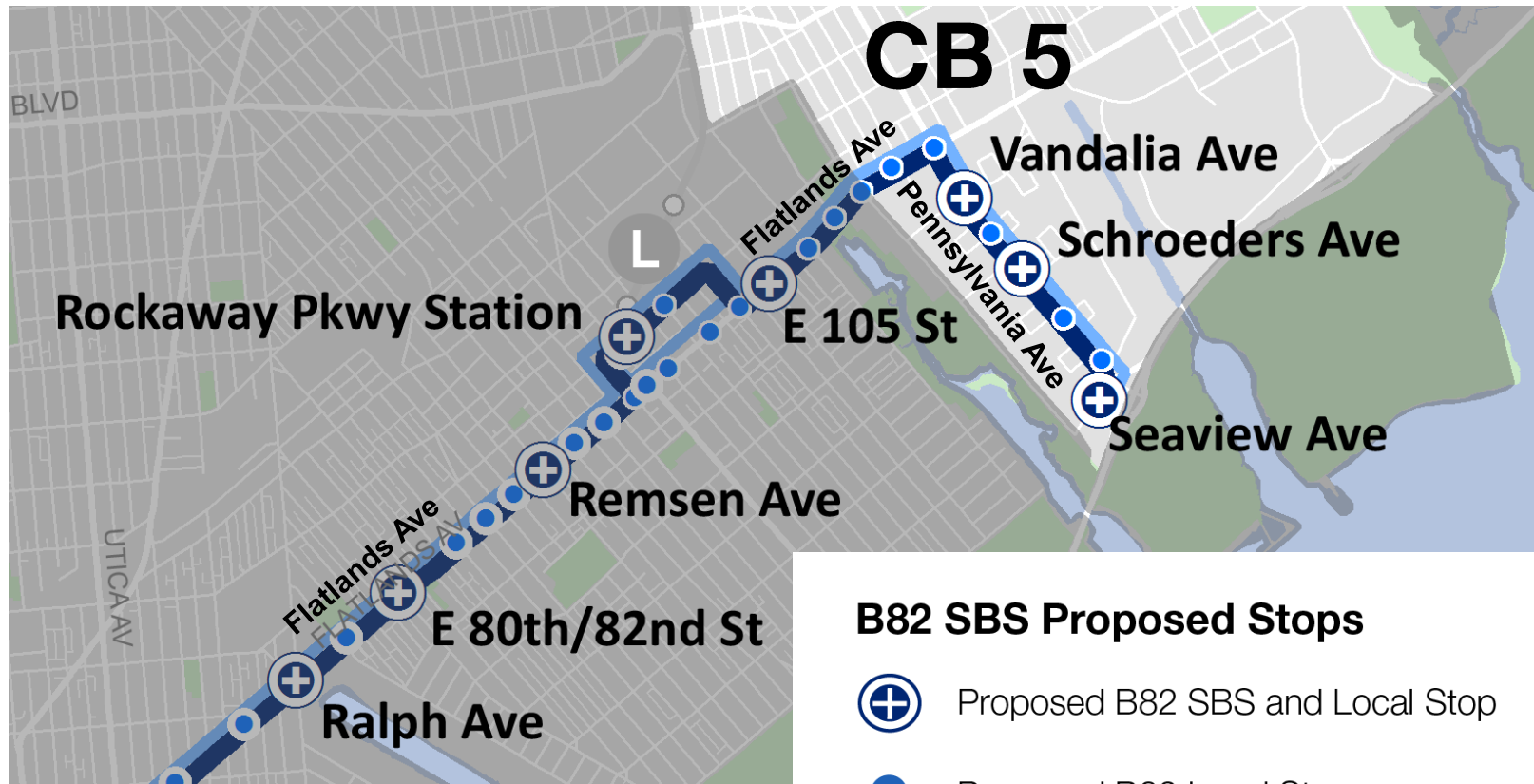
# B82 Route Changes







# B82 SBS Stops



# B82 SBS Stops



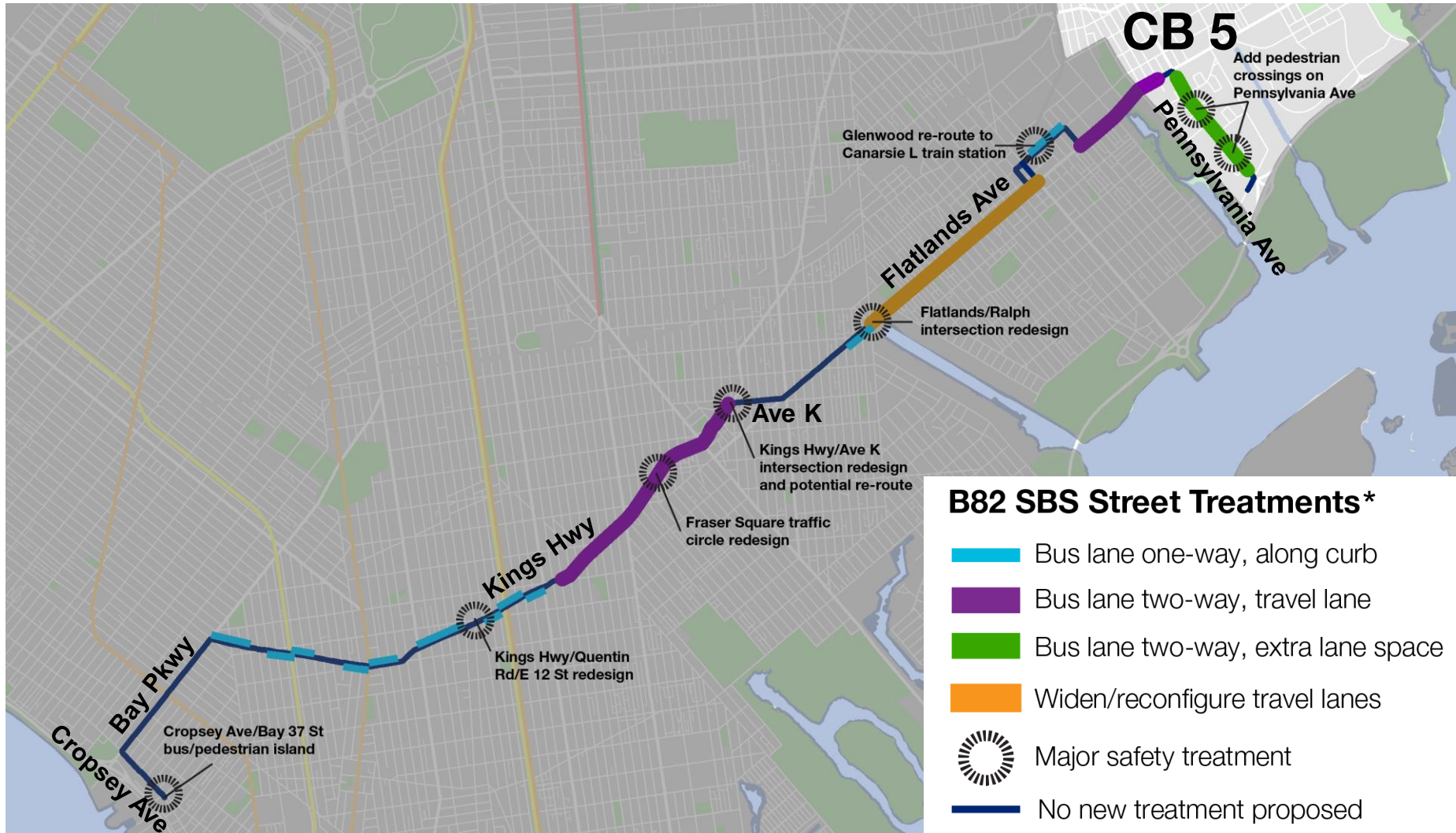
## B82 SBS Proposed Stops

-  Proposed B82 SBS and Local Stop
-  Proposed B82 Local Stop
-  Proposed B82 SBS Route
-  Existing B82 Limited Route



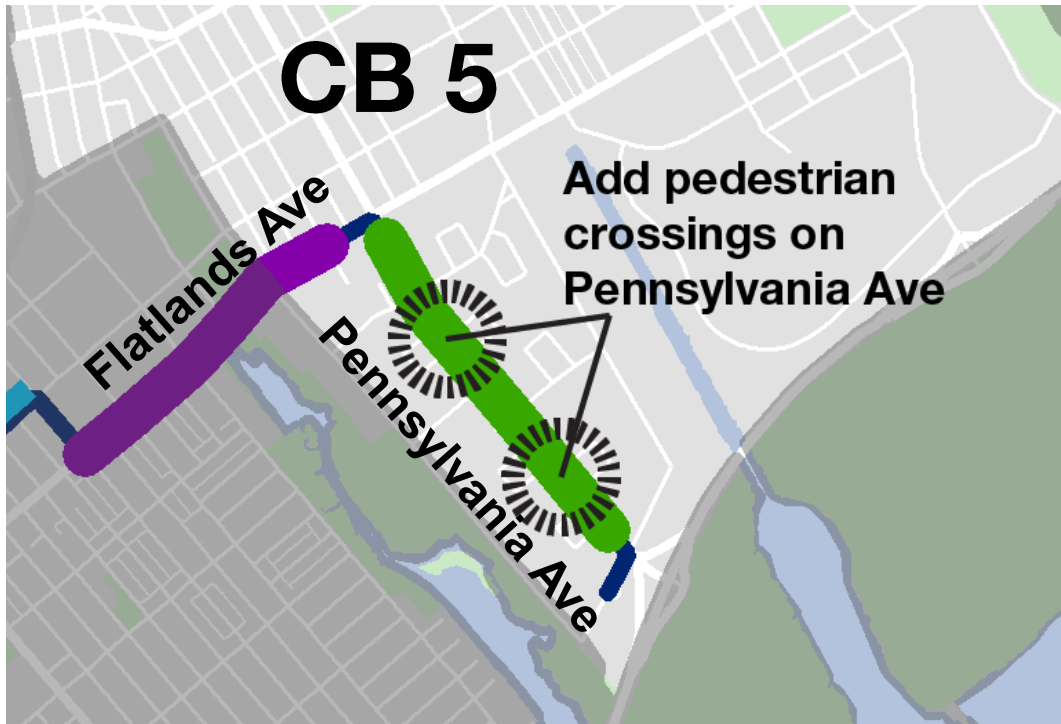
# B82 SBS Proposed Designs

# Proposed Street Treatments



**\*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

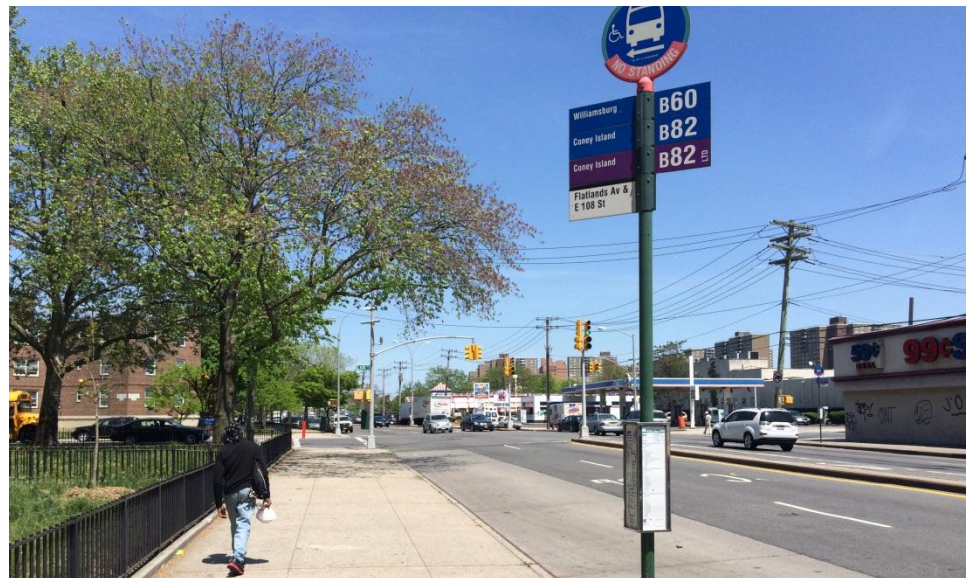
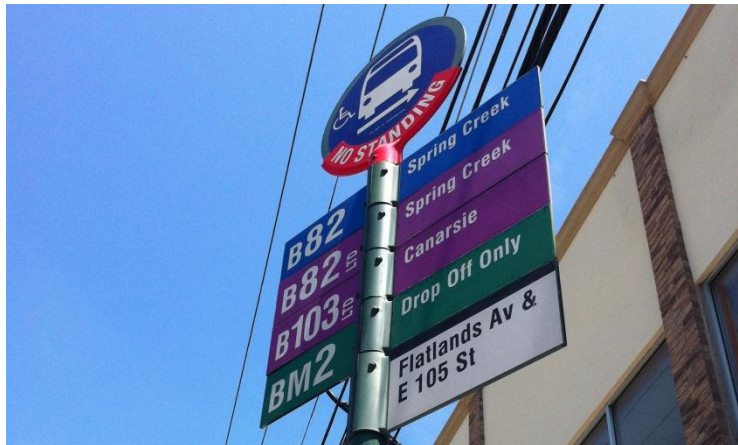
**\*Note: Bus lanes serve all buses, emergency vehicles, and right turns**

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

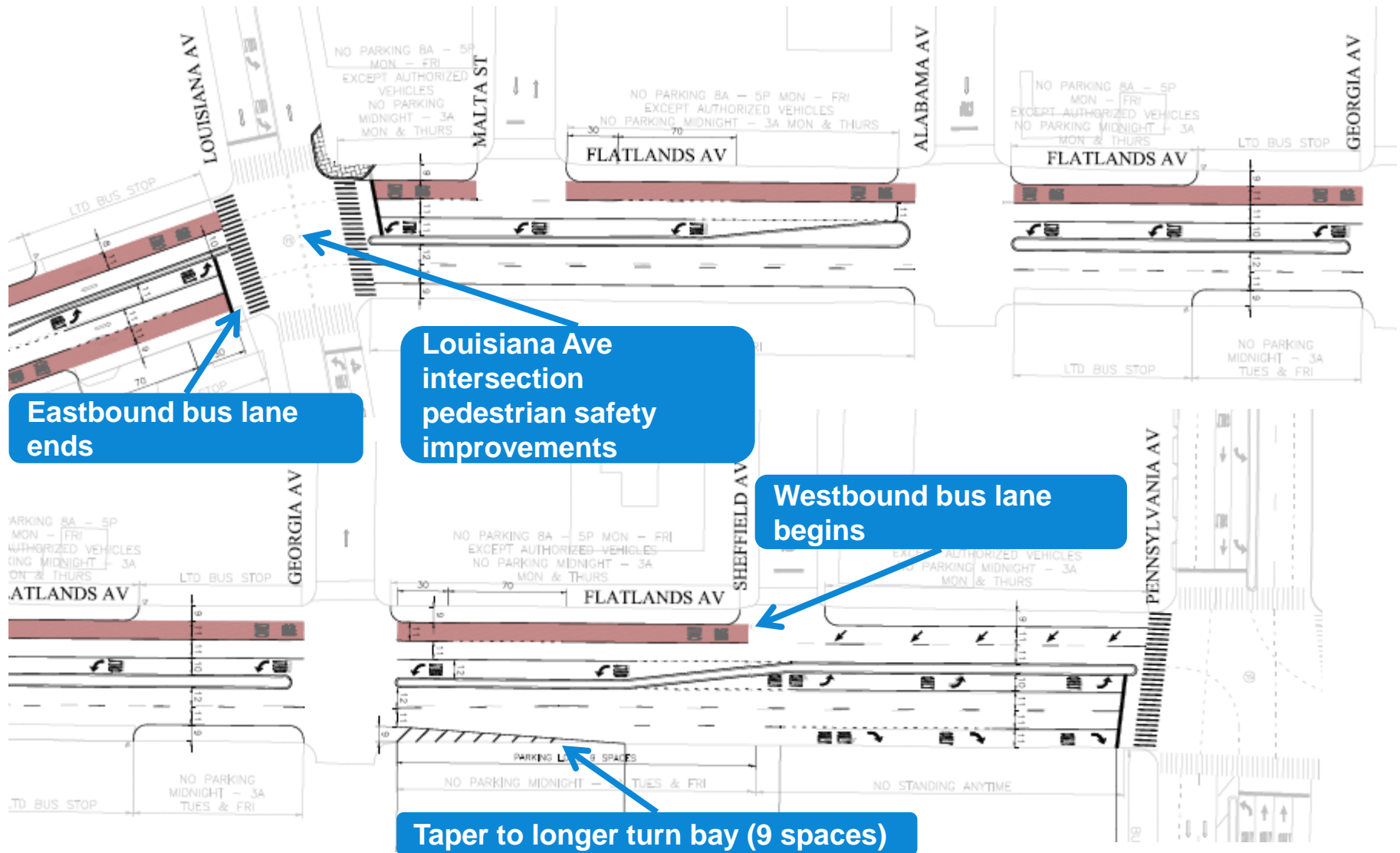


# Existing: Flatlands Ave (E 103 St to Pennsylvania Ave)

- 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)





# 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

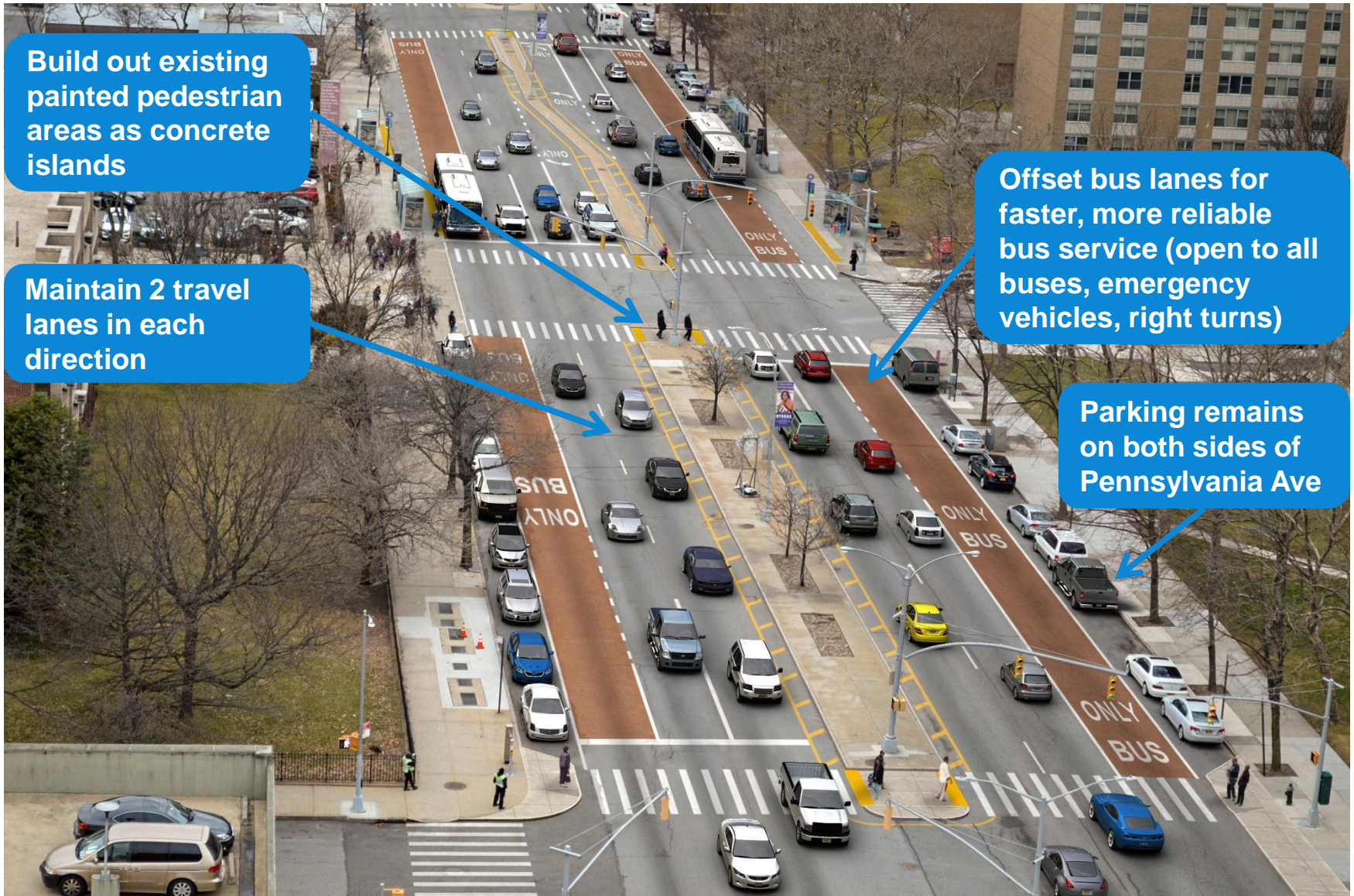


# Existing: Pennsylvania Ave (Flatlands Ave to Seaview Ave)



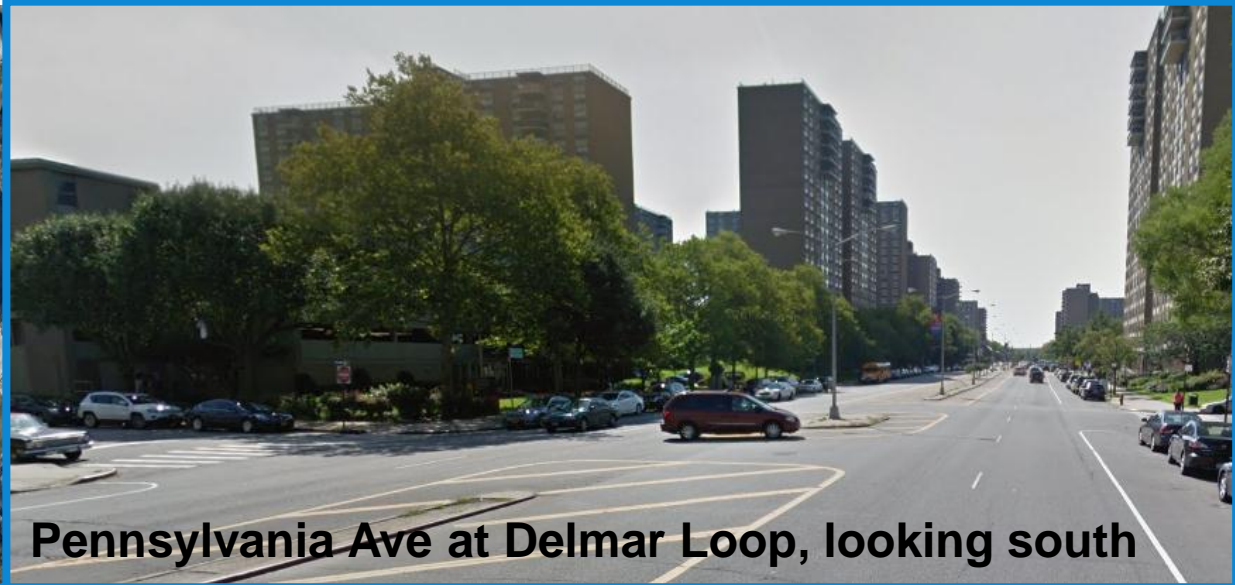
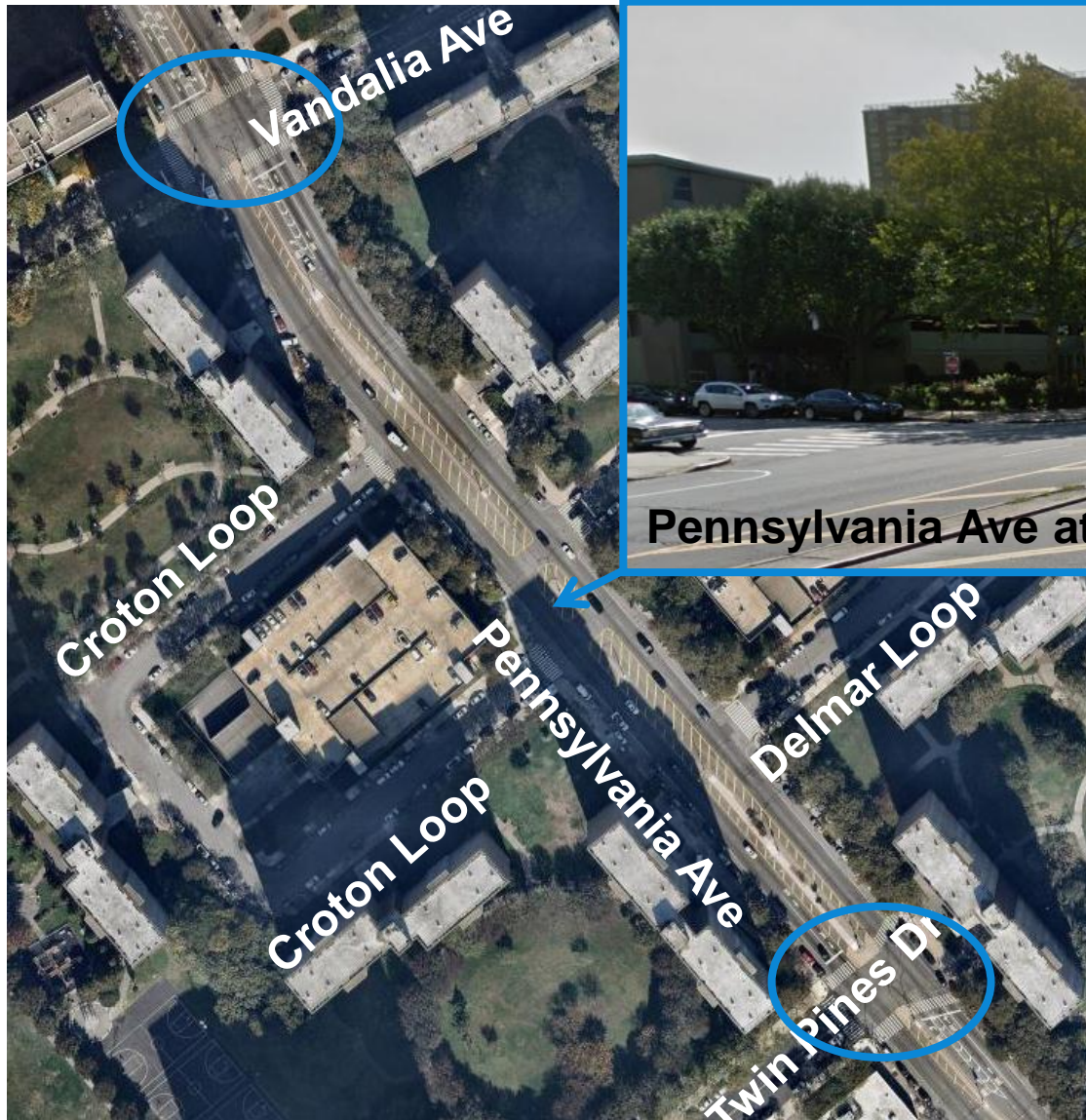


# Proposed: Pennsylvania Ave (Flatlands Ave to Seaview Ave)





# Existing: Pennsylvania Ave at Delmar Loop

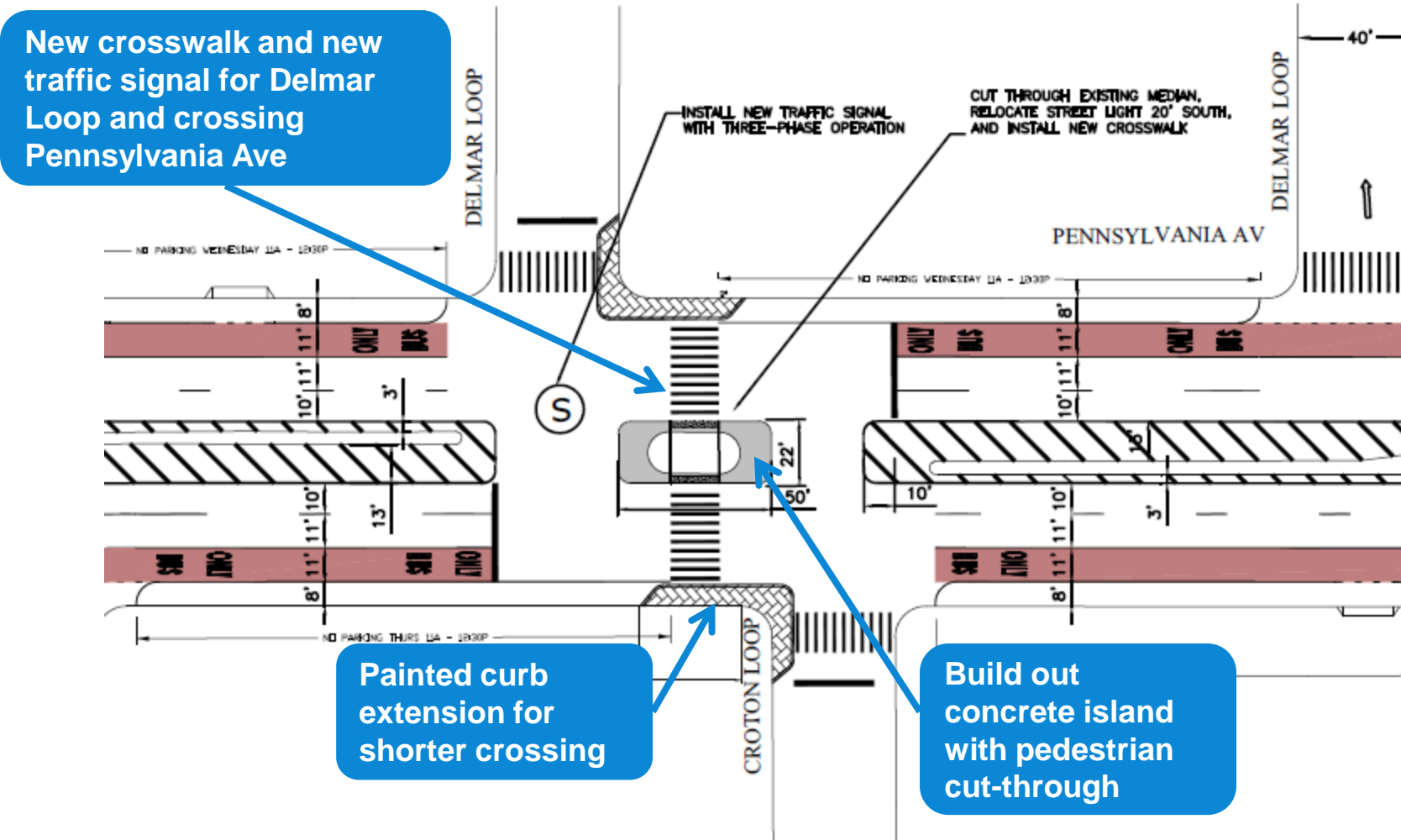


Pennsylvania Ave at Delmar Loop, looking south

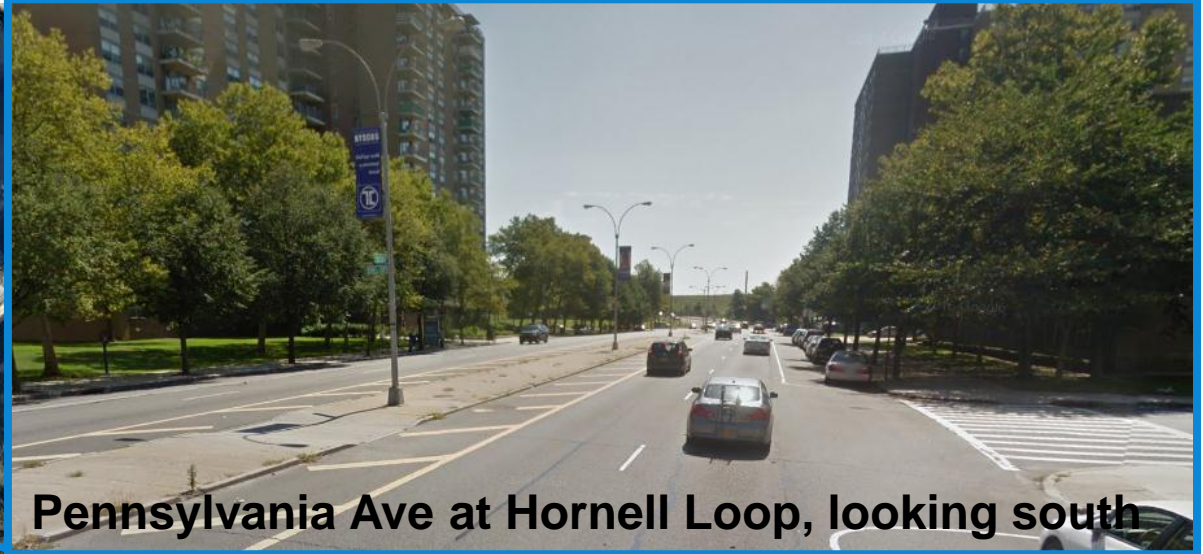
- More than 1,000 feet between nearest marked crosswalks at Vandalia Ave and Twin Pines Dr
- High number of midblock crossings throughout the day



# Proposed: Pennsylvania Ave at Delmar Loop

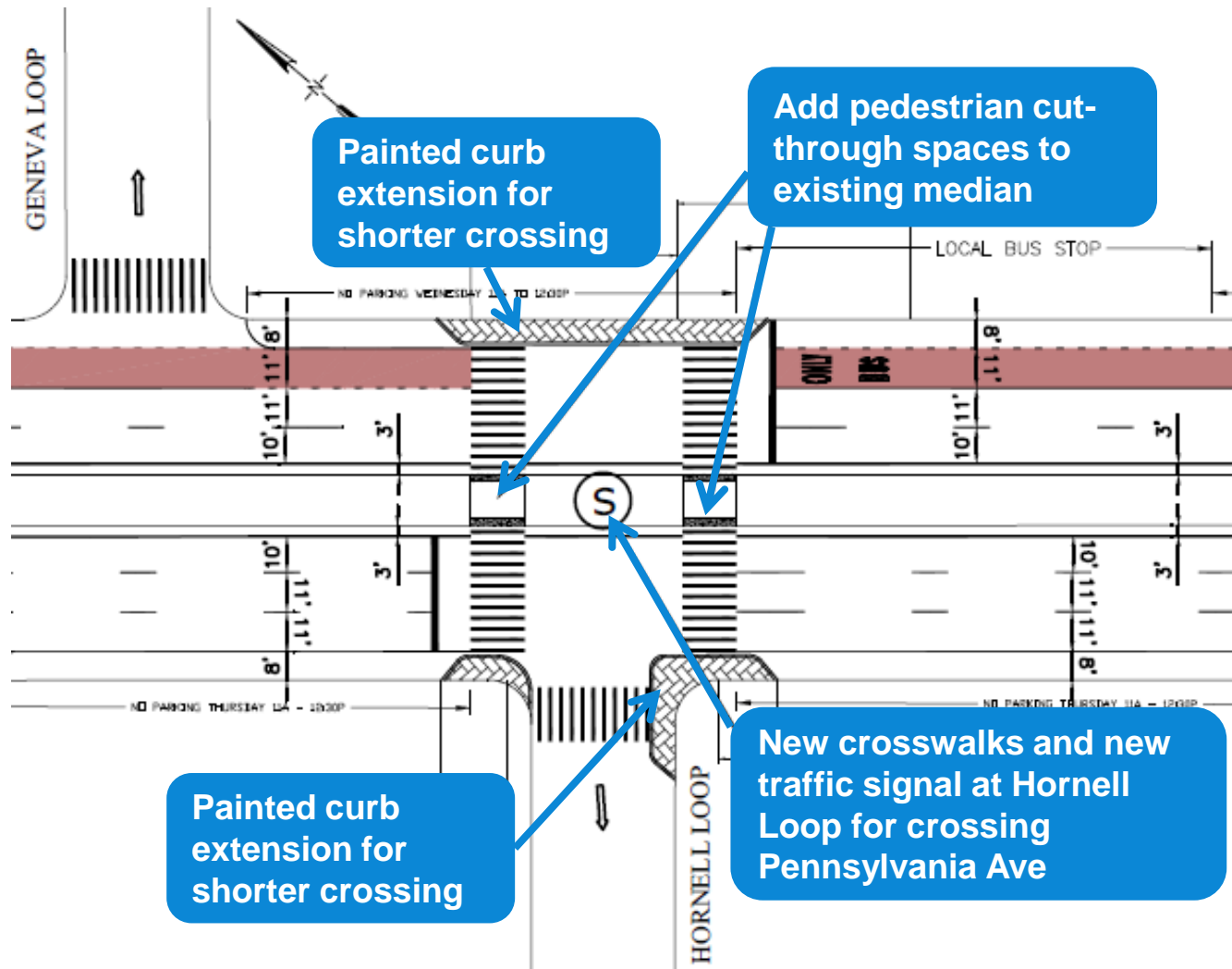


# Existing: Pennsylvania Ave at Hornell Loop



- 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





# 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](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**

# Questions and Discussion

