

# B82 Southern Brooklyn Select Bus Service

For presentation to NYCHA Breukelen Houses Tenants Association | September 20, 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





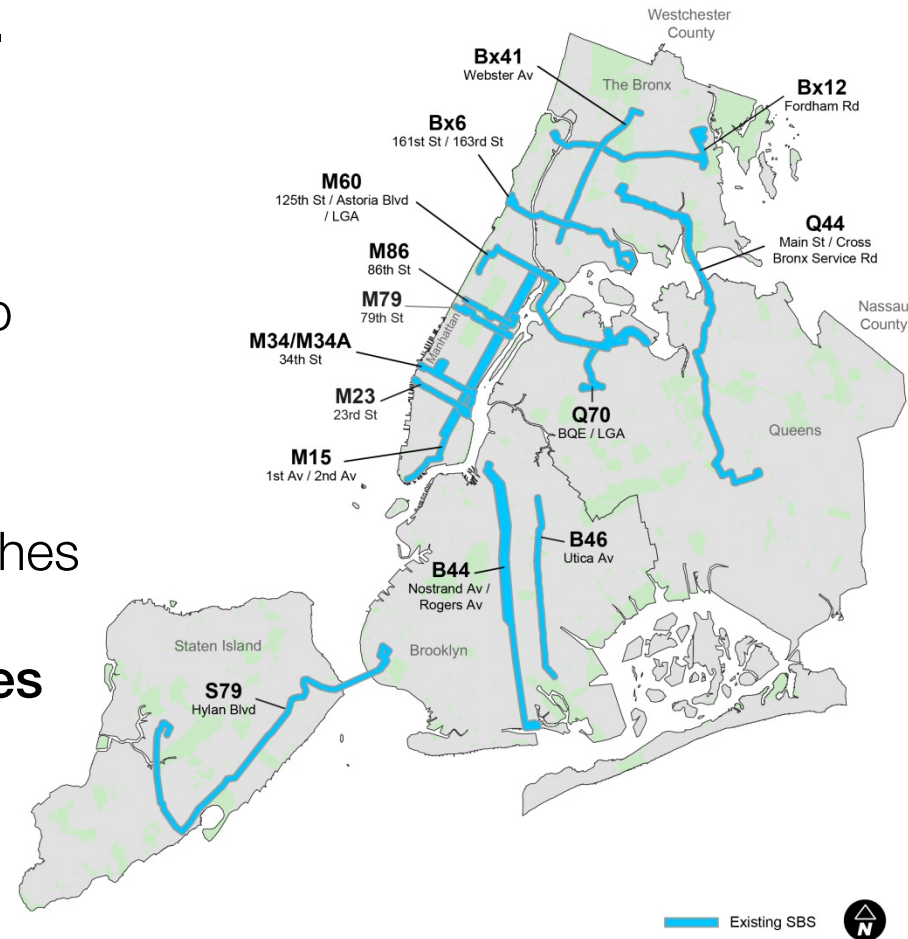
# Select Bus Service in New York City

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 14 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-Present)
  - Over 130 location specific comments to date
  - Site is still live at [nycdotfeedbackportals.nyc](http://nycdotfeedbackportals.nyc)
- **On-Street Outreach**  
(August 2015 – August 2017)
  - Over **1700** 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 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

Near Breukelen Houses

## 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*

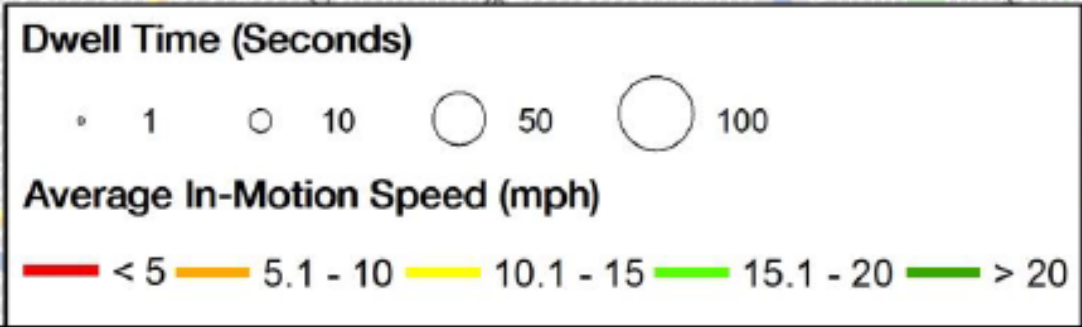
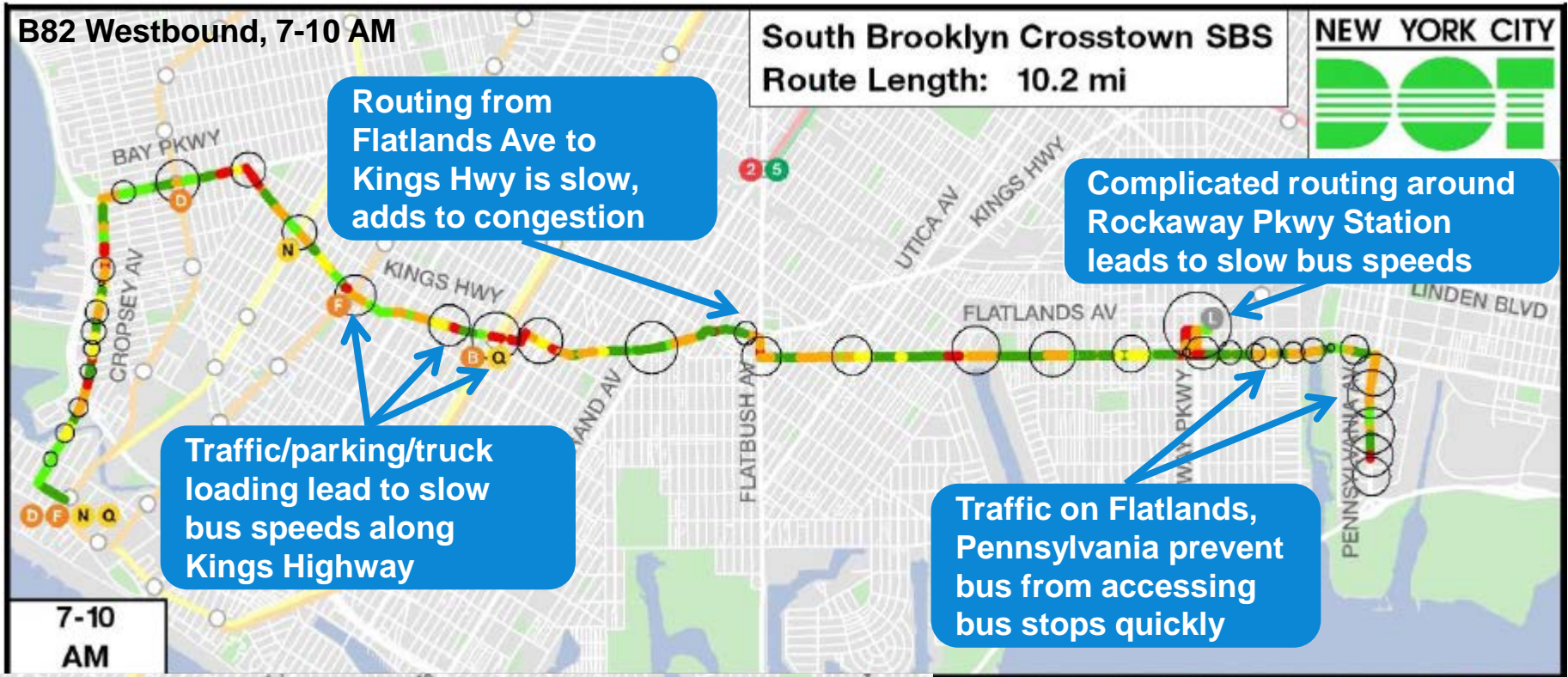
- CM Greenfield Briefing
- Magen David Yeshiva Discussion
- Christian Cultural Center Traffic Observation
- Kings Hwy @ Fraser Square Constituent Walkthrough

## 2017

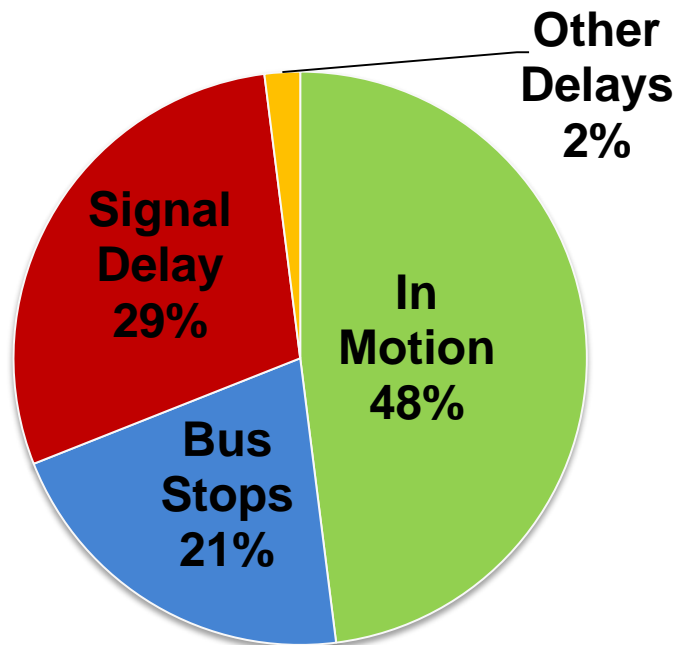
- Library Outreach
  - Canarsie Branch
  - Highlawn Branch
  - Kings Highway Branch
  - Highlawn Branch #2
- Senior Centers Outreach
  - Vandalia Neighborhood
  - Abe Stark Center
  - Midwood Neighborhood Center
  - Ocean Parkway Neighborhood Center
- CB5, CB11, CB14, CB15, CB18
- United Canarsie South Civic Association
- 2nd NYCHA Breukelen Houses TA Present Briefing



# 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](http://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

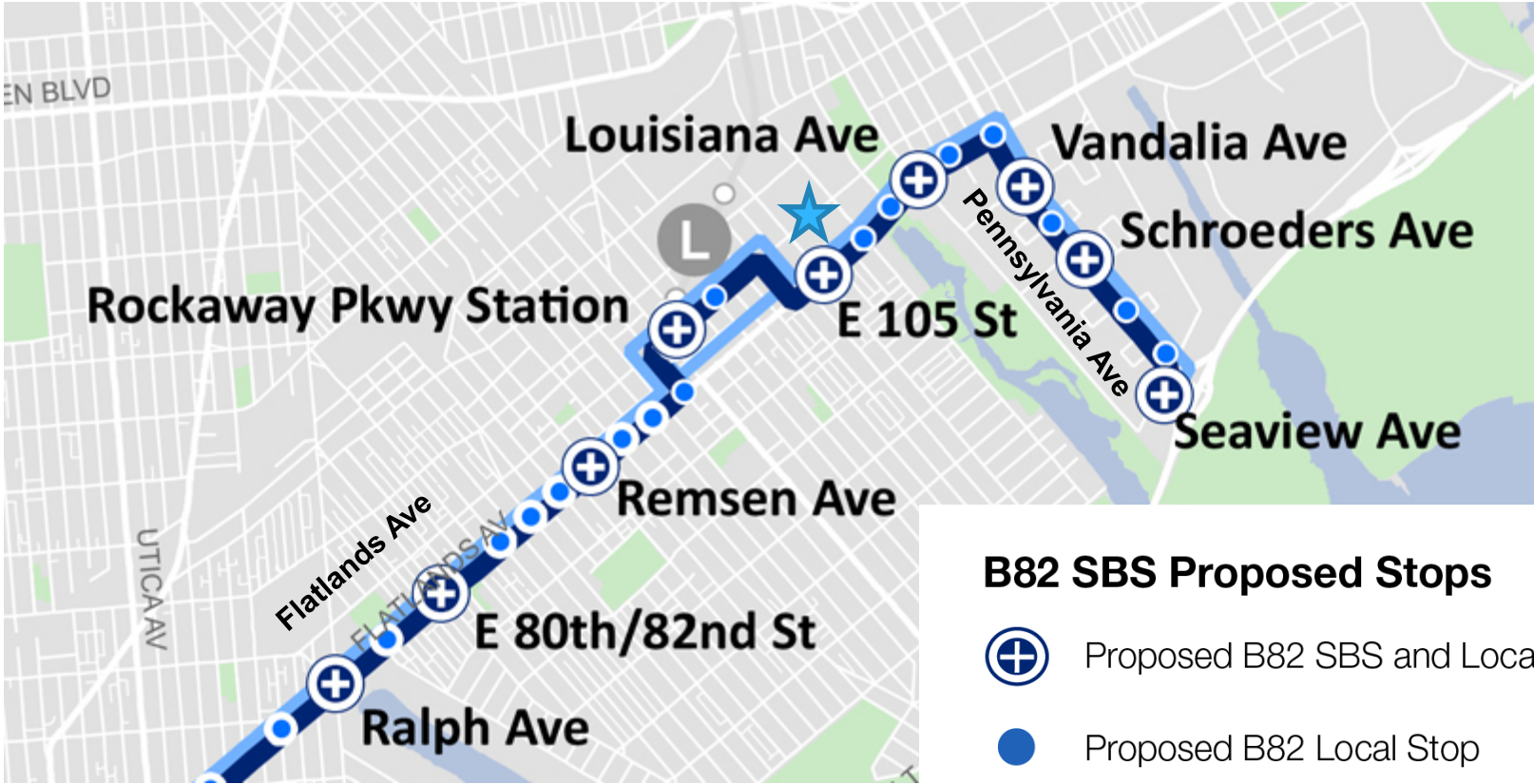
- Proposed B82 SBS Route
- Existing B82 Limited Route
- Top 5 Crash Location



# B82 Route Changes



# B82 SBS Stops



## B82 SBS Proposed Stops

- ⊕ Proposed B82 SBS and Local Stop
- Proposed B82 Local Stop
- Proposed B82 SBS Route
- Existing B82 Limited Route
- ★ Breukelen Houses

# B82 SBS Proposed Designs



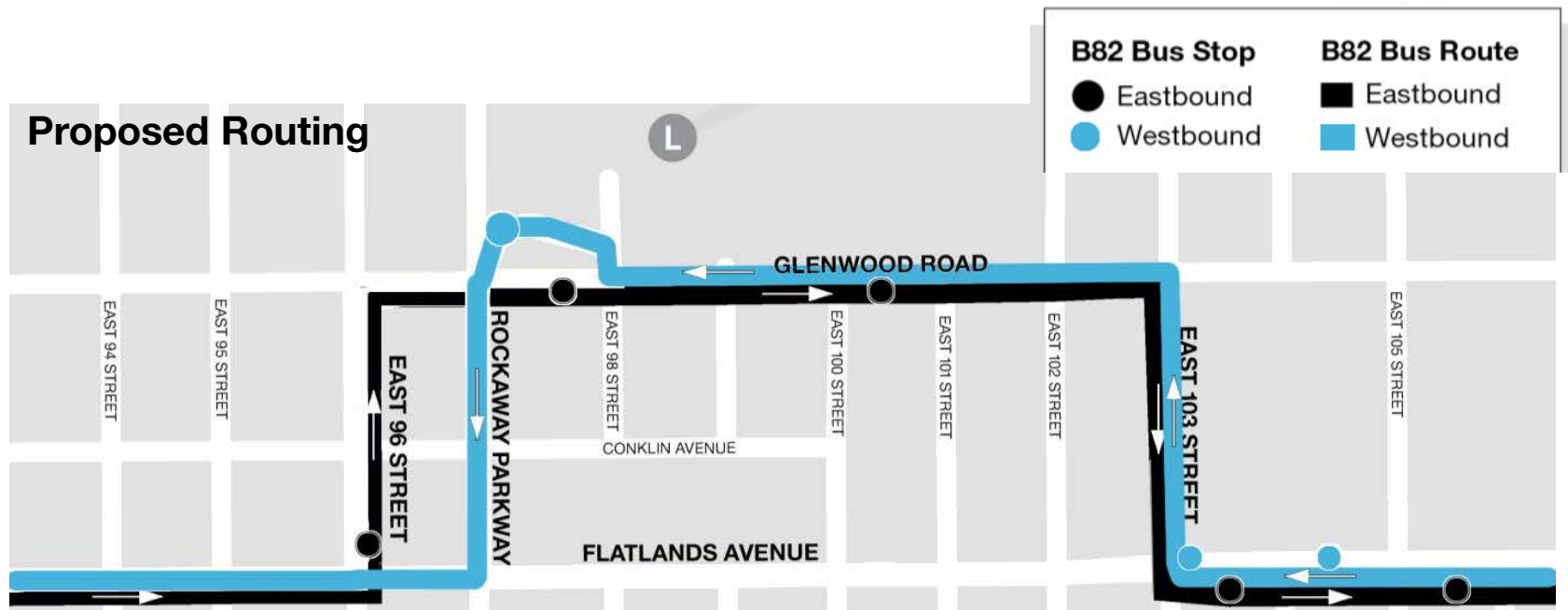
# B82 route to Canarsie-Rockaway Pkwy

- 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



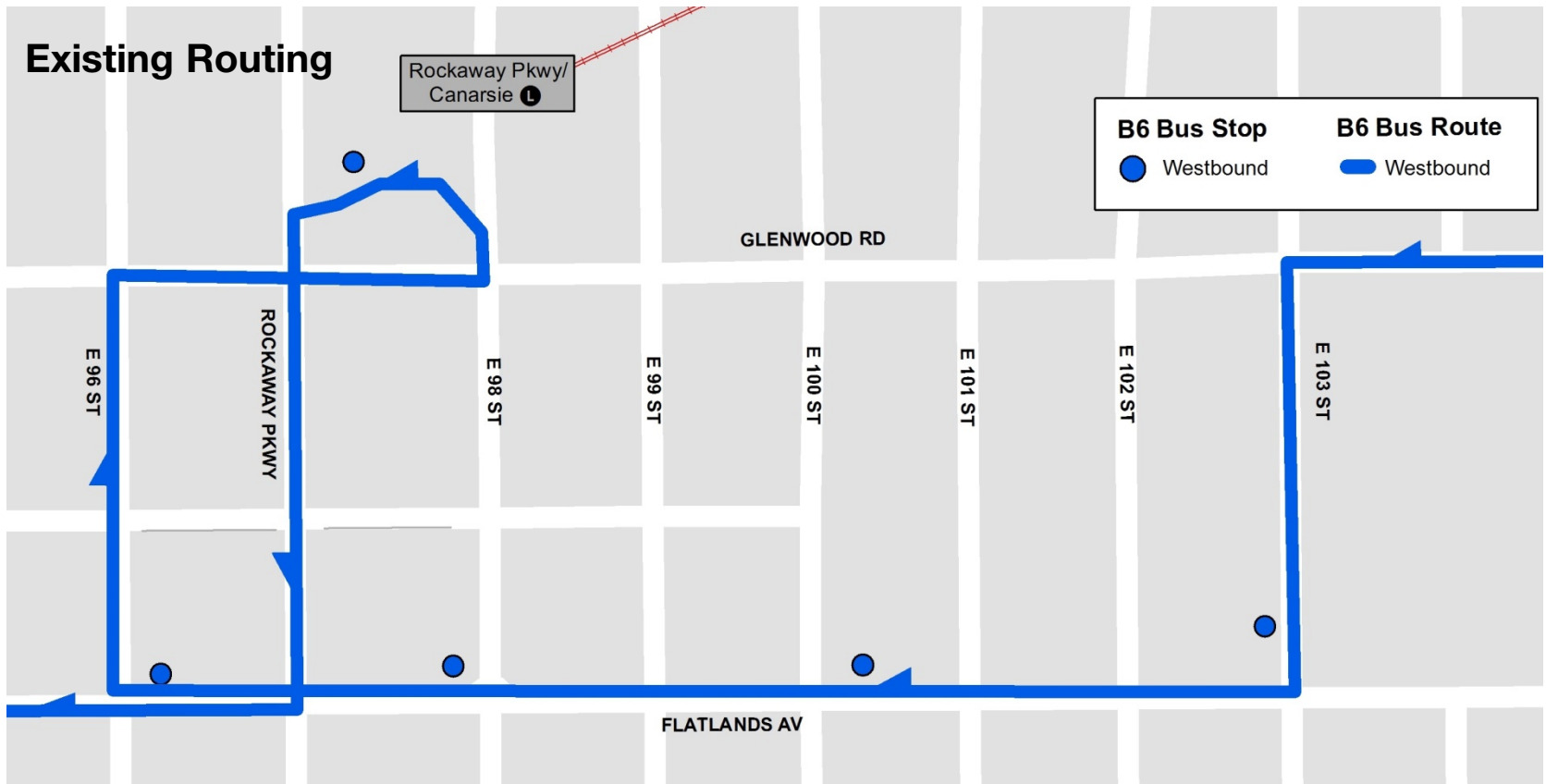
# B82 route to Canarsie-Rockaway Pkwy

- 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



# B6 route to Canarsie-Rockaway Pkwy

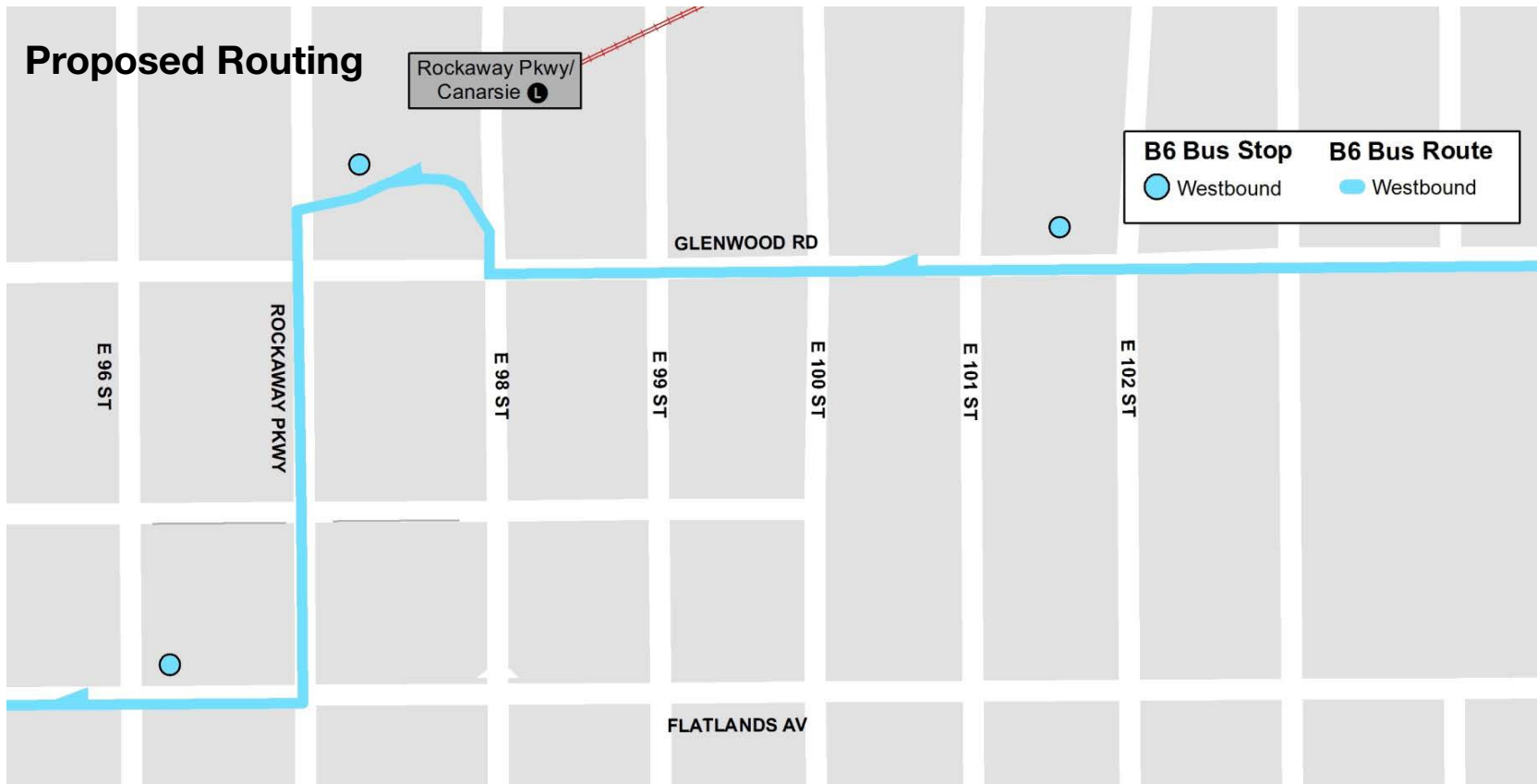
- Westbound loop confusing and slow for bus customers
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# B6 route to Canarsie-Rockaway Pkwy

- Faster, more direct routing to Rockaway Pkwy Station via Glenwood Rd
- Relocates B6 to Glenwood Rd, E 103 St Stop to to E 102 St providing more direct connections to Breukelen Houses



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

- Land uses along north side:
  - Auto shops with garages & parking lots (2)
  - MTA property with parking lot
  - Residences (3 with driveways, 5 without)
  - Off-street parking area
- Much of parking on north curb taken up by adjacent auto/rental shops that store trucks and vans in the street
  - 20-40% of spaces open at any given time



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

L - Rockaway Parkway Station

LOCAL BUS



GLENWOOD RD

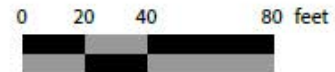
LOCAL BUS

Existing one-way on Glenwood only serves eastbound buses

Glenwood Rd at E 98 St

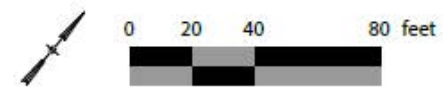
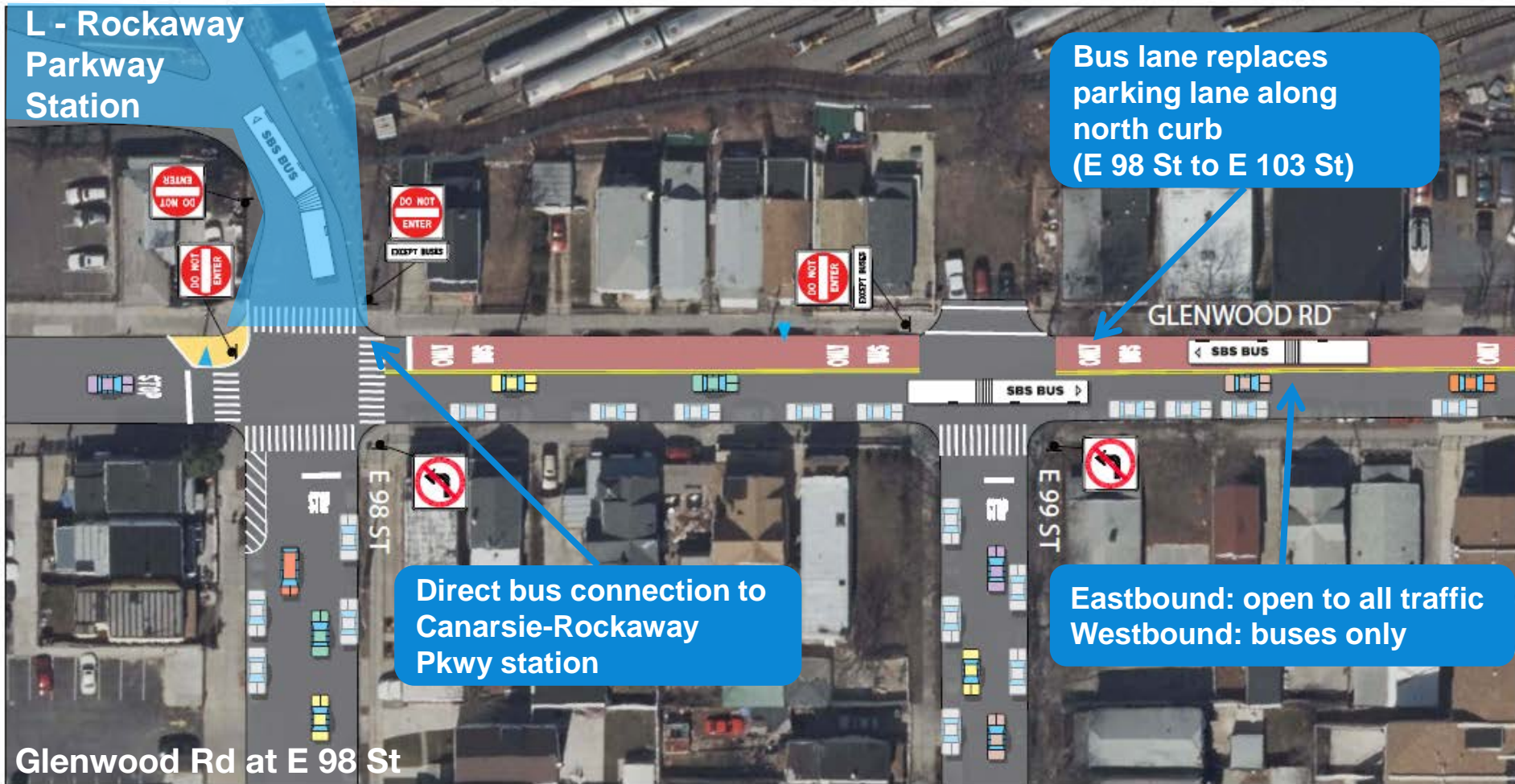
E 98 ST

E 99 ST





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





# 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)




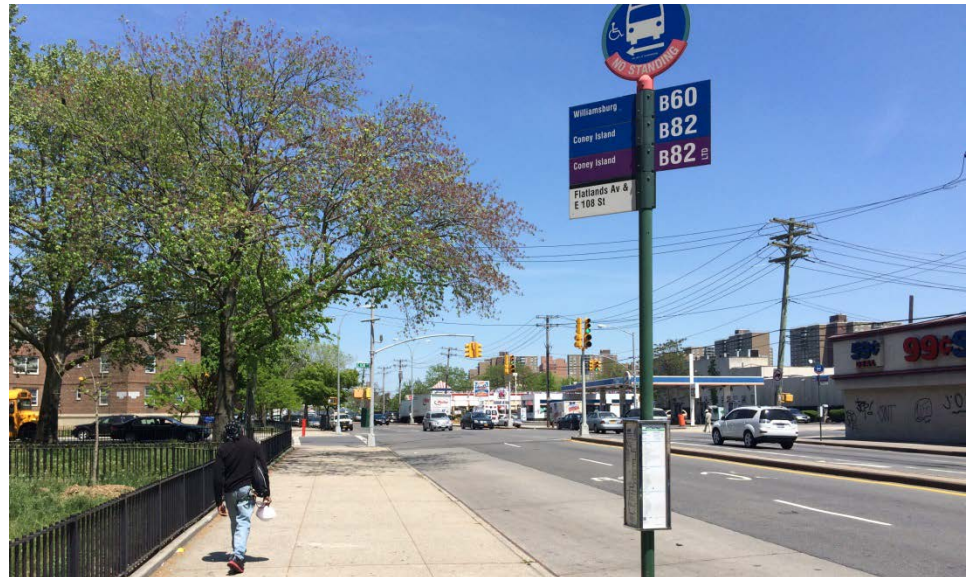
Glenwood Rd at E 98 St

STOP L - Rockaway Parkway Station Entrance



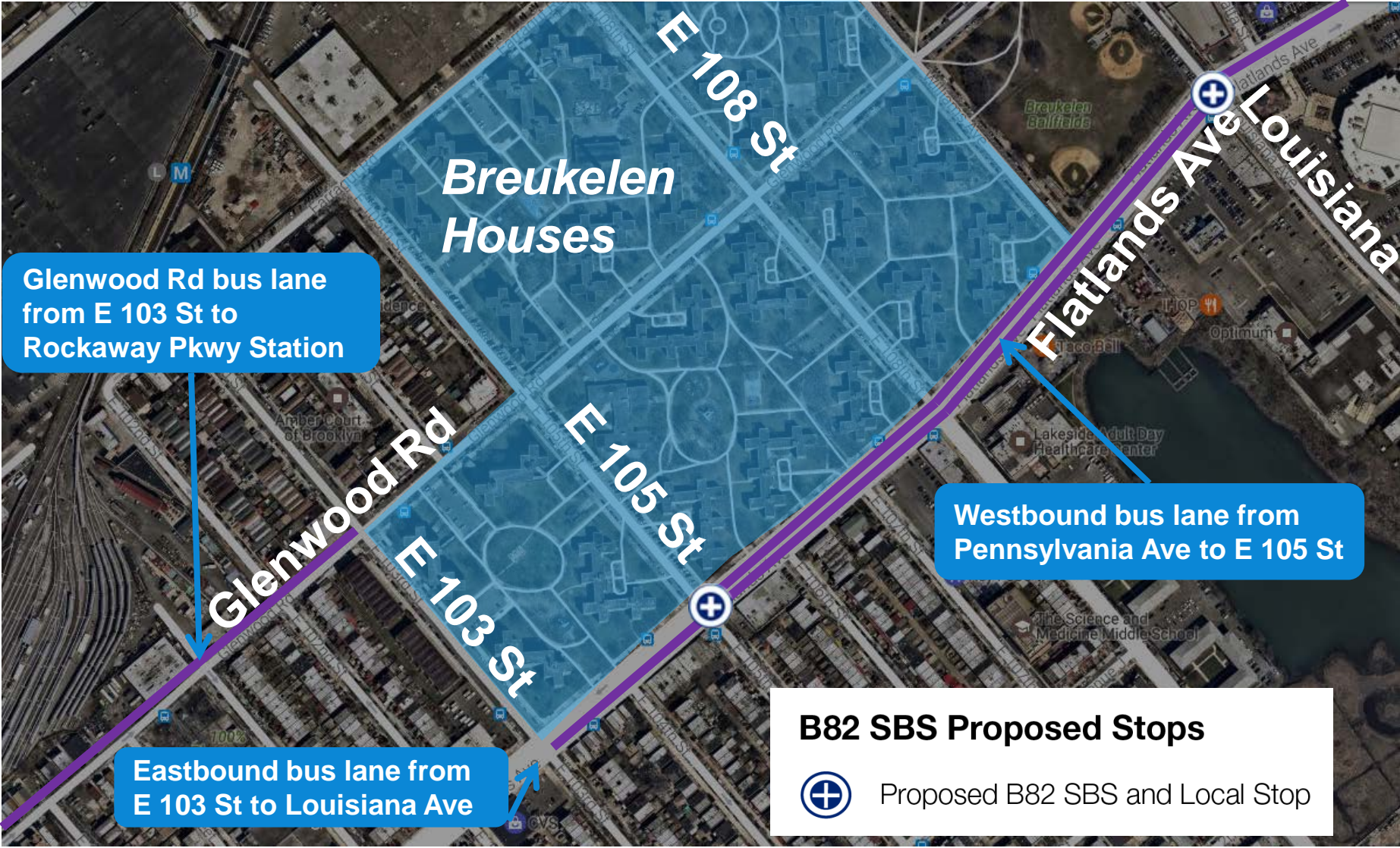
# Existing: Flatlands Ave (E 103 St to Pennsylvania Ave)

- Wider portion of Flatlands Ave with concrete medians
- 3 city bus routes and 1 express bus route use this portion of Flatlands Ave
- Transit connection from Starrett City, Breukelen Houses to  Canarsie-Rockaway Pkwy station

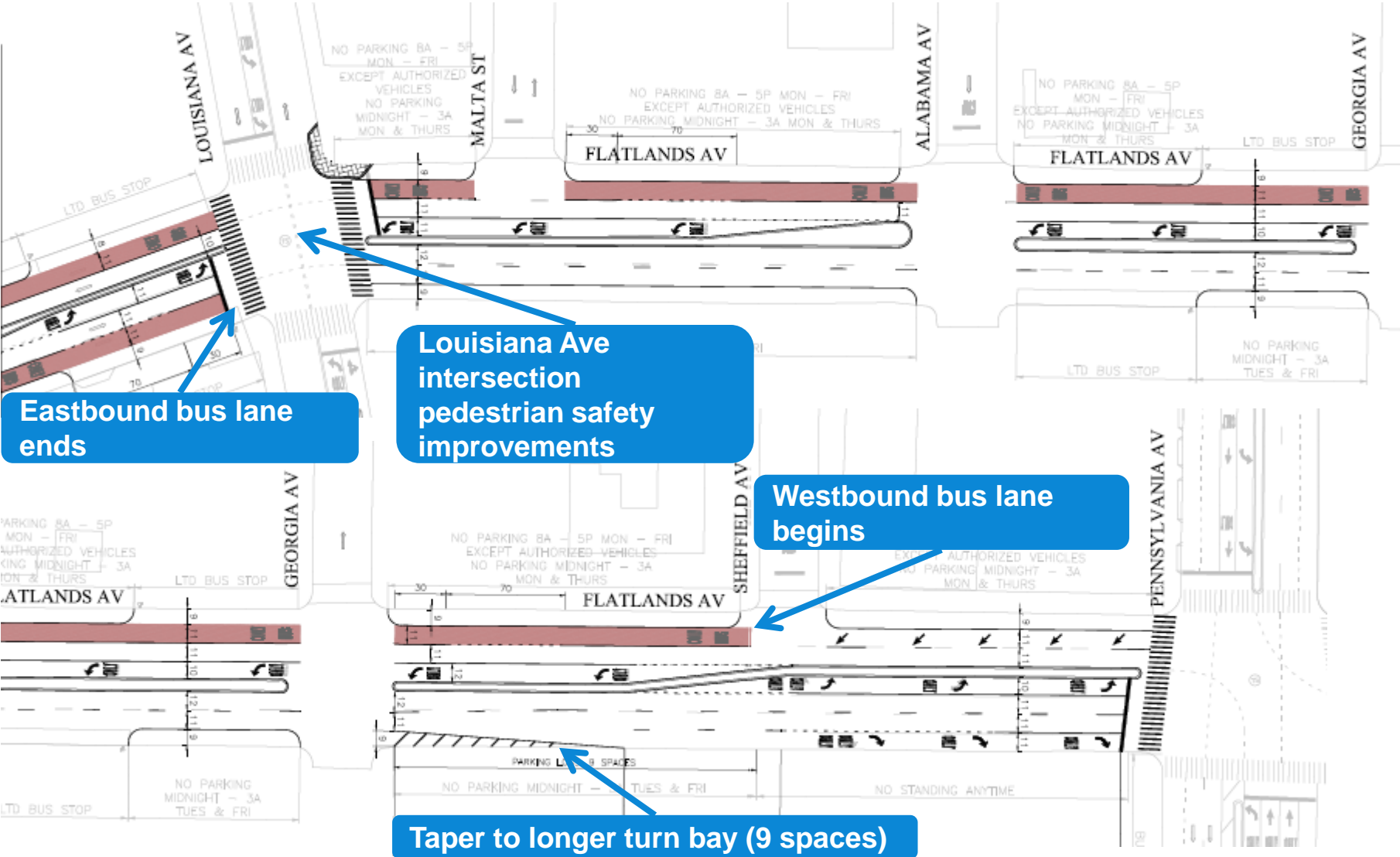




# Proposed: Flatlands Ave (E 103 St to Pennsylvania Ave)



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





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



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

# Next Steps

## Summer - Fall 2017

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

## Fall 2017 – Winter 2017

- Present final plan to community boards and elected officials
- Continue stakeholder outreach

## 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](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

