

South Brooklyn Select Bus Service

Presentation to CB 18 | January 20, 2016



Overview

- About Select Bus Service
- Project background
- Community engagement
- B82 overview
- Identified issues
- Next steps
- Questions

About Select Bus Service

Select Bus Service (SBS) is NYC's brand name for a package of improvements that result in faster and more reliable bus service.

SBS benefits:

- Faster, more reliable bus service
- Reduced crashes
- Increased ridership and high customer satisfaction
- Minimal effects on traffic speeds and volumes (with positive effects along the corridor)



Select Bus Service Features

Dedicated Bus Lanes



Signal Priority for Buses



Faster bus rides

Reduced traffic conflicts
between buses and other 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



Project Background

The Bus Rapid Transit Phase II Study (2009) identified the South Brooklyn east-west corridor as a *priority service need*.

Key issues raised at public workshops included:

- Bus trips are *long and slow*
- Many parts of South Brooklyn are *underserved by transit*
- A bus trip across South Brooklyn can take *up to 2 hours*

Community Engagement

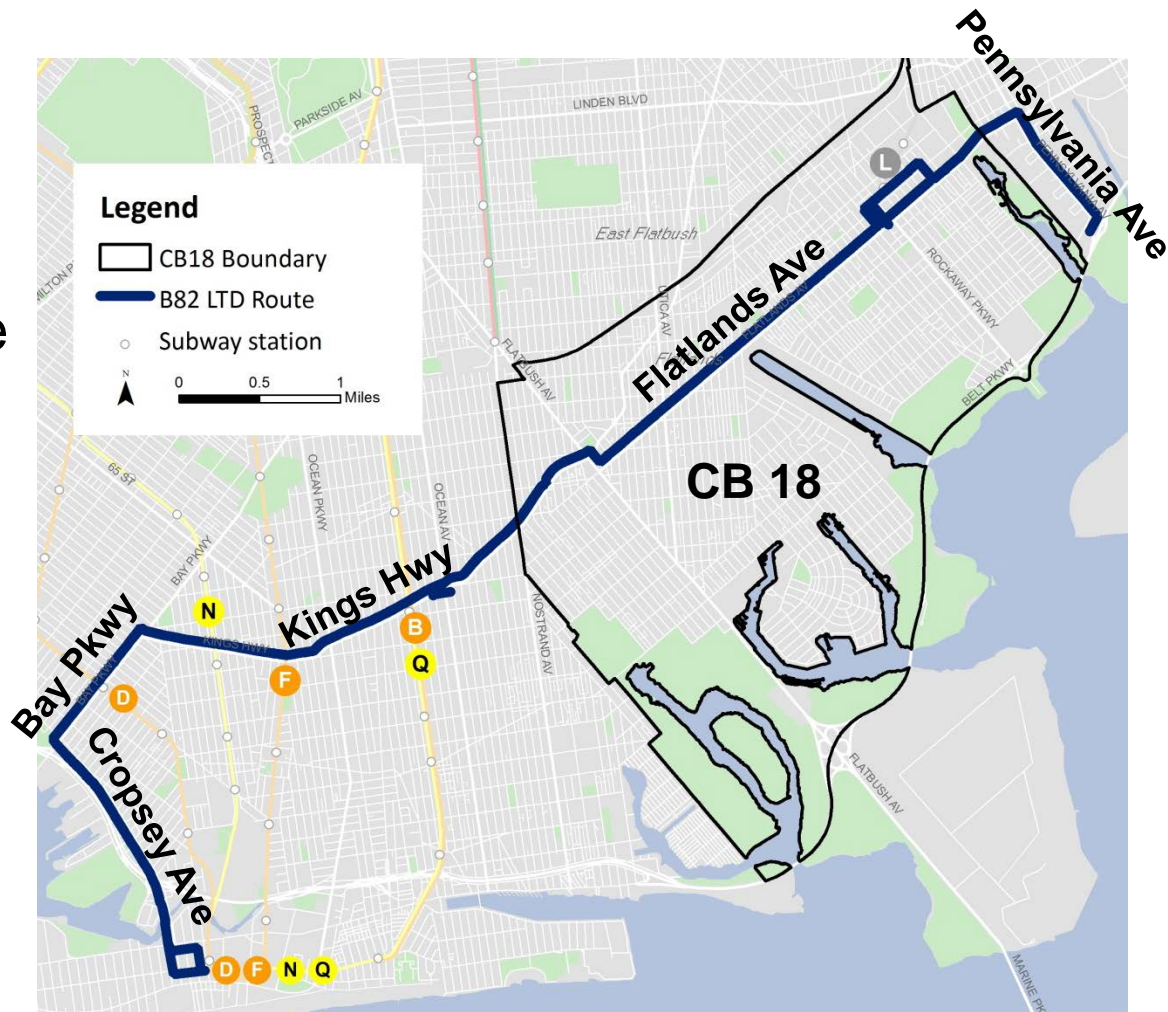
Engagement is ongoing and will include:

- Public workshops or open houses
- Community board meetings
- Bus rider engagement
- Stakeholder meetings

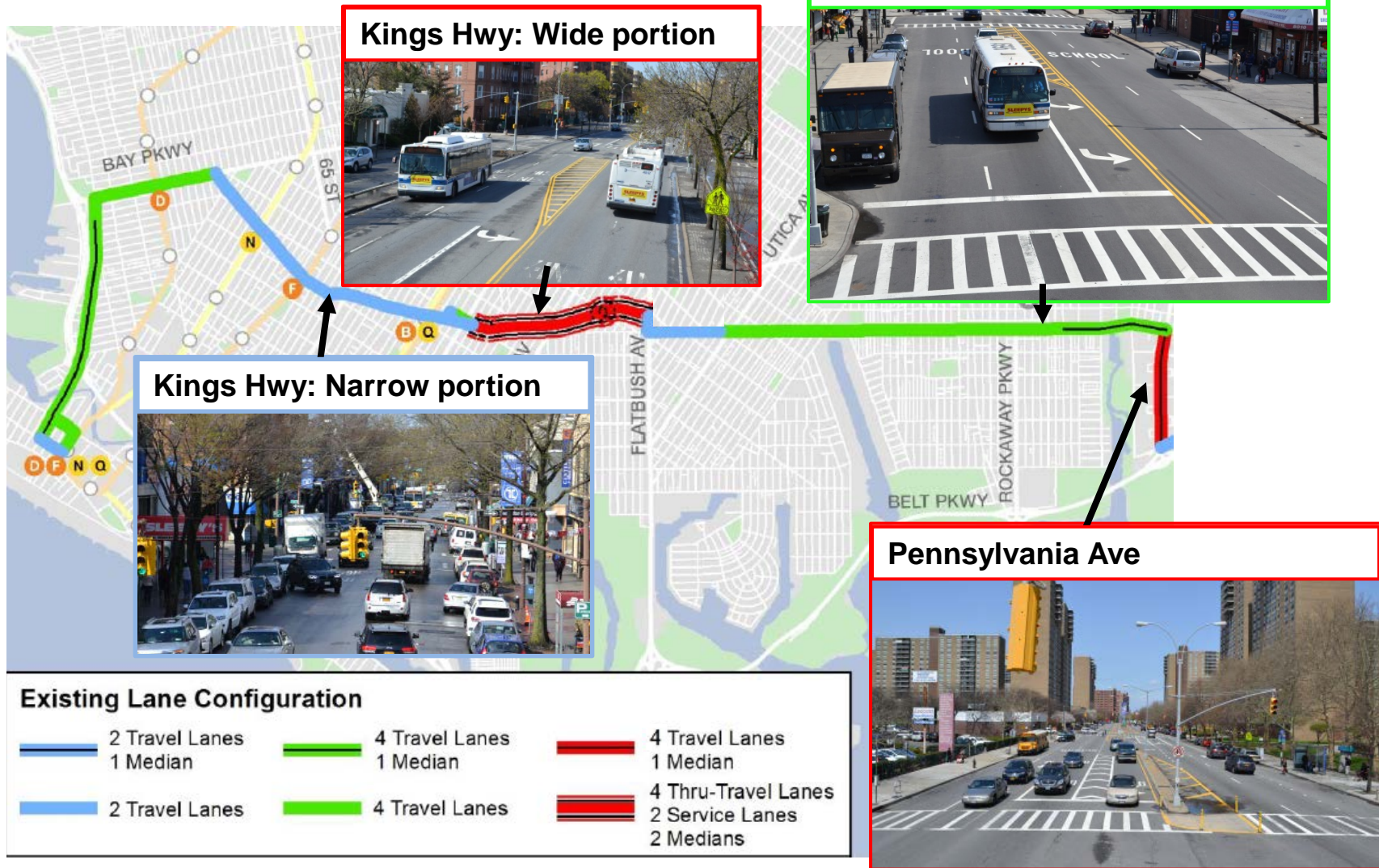


B82 Corridor Overview

- **10 miles** long
- **32,000** daily riders
- Connects to **six subway lines** and the **three highest-ridership bus routes** in Brooklyn
- **Key east-west connector** along Kings Hwy and Flatlands Ave

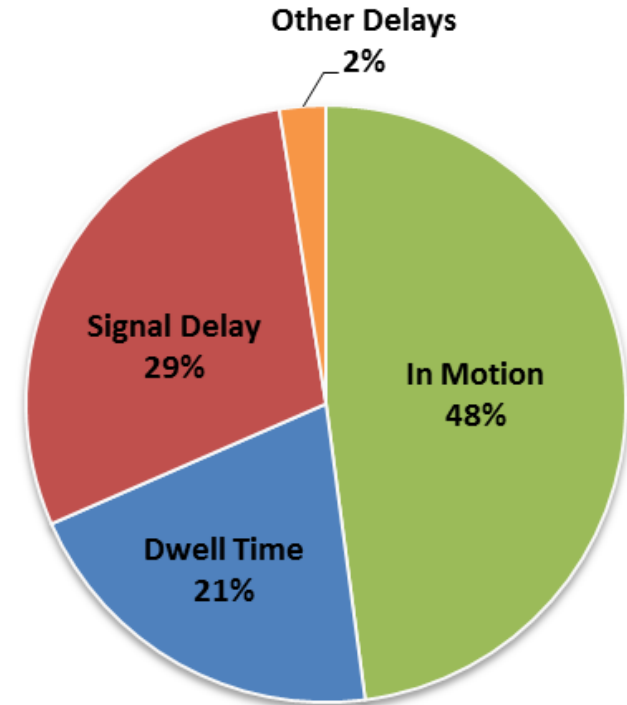


B82 Corridor Map



Transit Issues

- **Long delays - Bus is in motion only 48% of the time, due to:**
 - Traffic signal delay
 - Time at bus stops (Dwell time)



Transit Issues

- **Bus stops, access to bus stops** need improvement
- **Bus crowding** during rush hours & before/after school

Existing stop



Existing stop



Potential stop (Pelham Pkwy, BX 12)



Traffic Issues



- Many portions of the corridor move reasonably well, even during rush hour
- Congestion issues at key points along the corridor
 - Focusing on these as part of project improvements

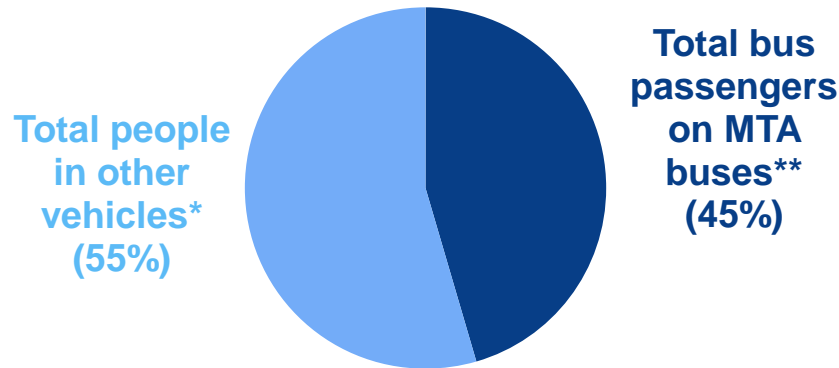
Traffic Issues



- Commercial deliveries, double parking
- Traffic signal coordination
- Complex intersections – difficult turns, long waits
 - Focusing on all of these as part of project improvements

Traffic and Transit

PM Rush Hour (5-6 PM)



When vehicle volumes are highest on Flatlands Ave, city bus passengers still make up 45% of people on the road.

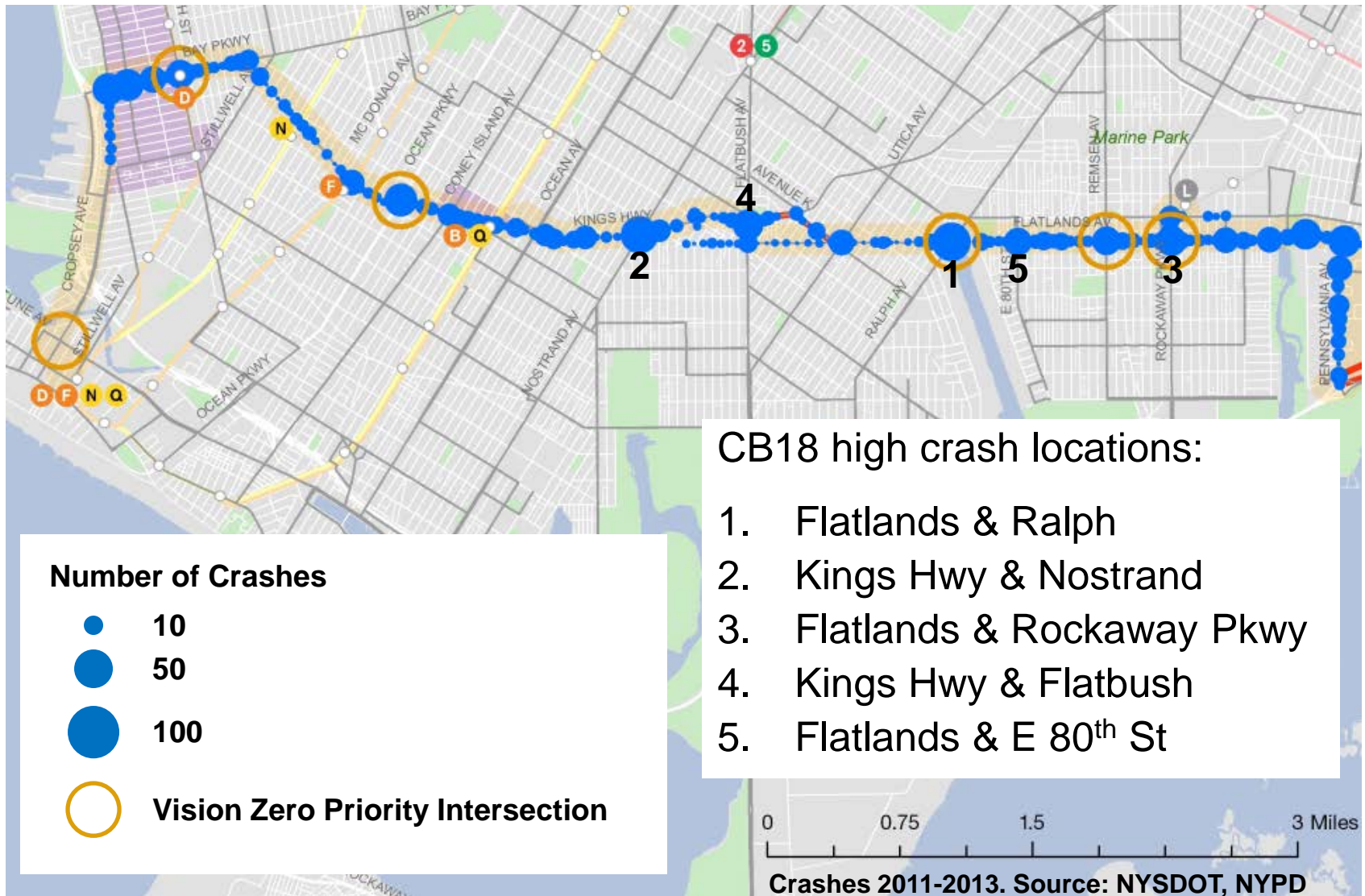


Flatlands Ave showing afternoon city bus & school bus traffic during “school rush hour”

*Calculated using 2015 traffic volumes and vehicle occupancy rate (1.2) from the 2010 NYMTC Hub Bound Report

**Bus passenger count only includes passengers on MTA buses, not school buses or other non-MTA buses

Safety Issues



CB18 high crash locations:

1. Flatlands & Ralph
2. Kings Hwy & Nostrand
3. Flatlands & Rockaway Pkwy
4. Kings Hwy & Flatbush
5. Flatlands & E 80th St

Safety Issues



- Complex intersections – multiple streets converge, difficult to navigate
- Long crossings, worn crosswalks



Next Steps

- **Winter 2016:**
 - Ongoing community engagement by meeting with stakeholder and community groups along the corridor
 - Develop a comprehensive street design based on community feedback received to date
- **Spring 2016:**
 - Present draft designs to the community at public open houses/workshops, community board meetings, and stakeholder meetings

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**