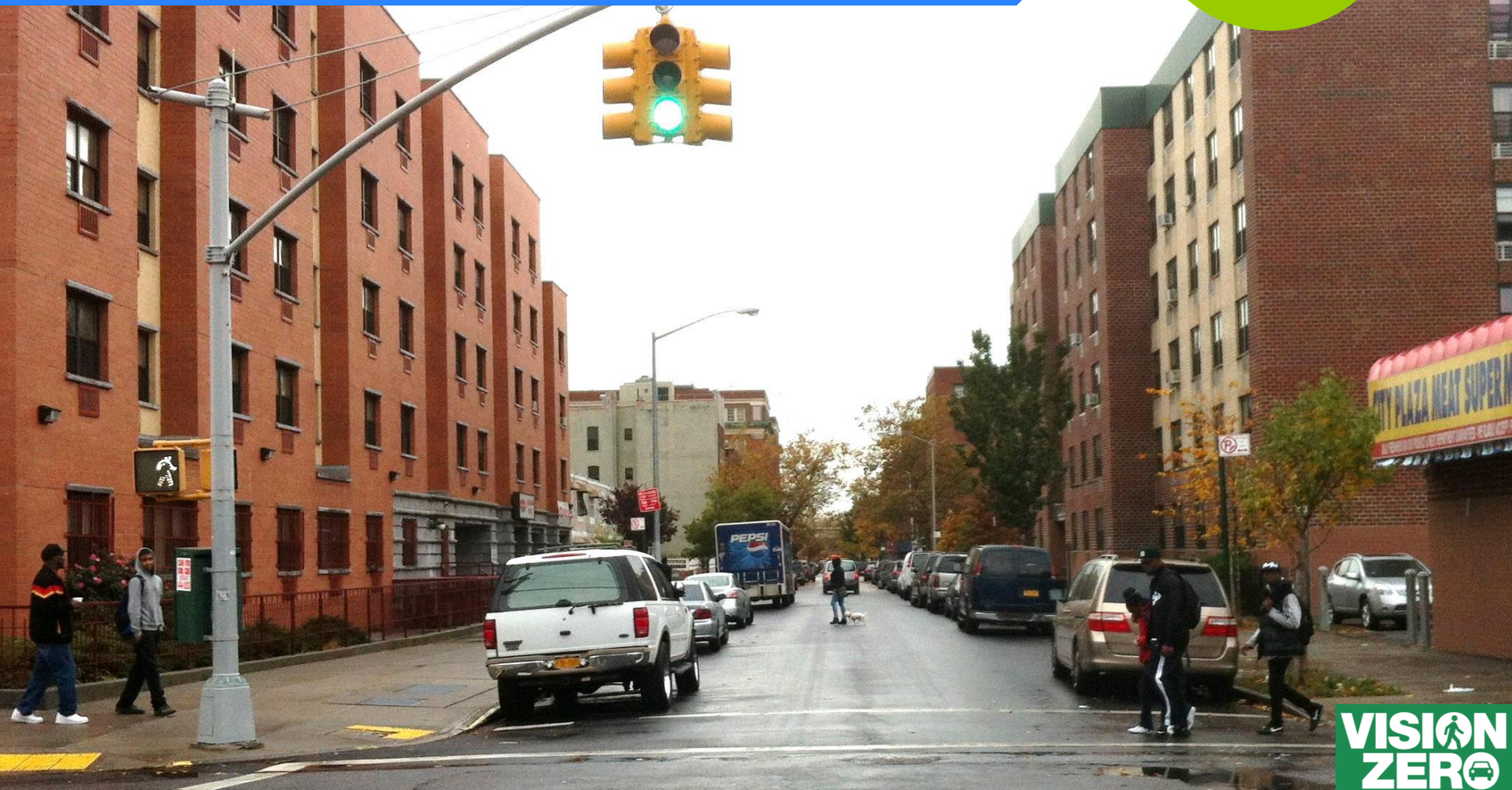


# Neighborhood Slow Zone East New York-Brownsville, Brooklyn

Oct  
2014



Commissioner Polly Trottenberg New York City Department of Transportation  
Office of Research, Implementation & Safety  
October 20, 2014 to Brooklyn Community Board 5



# Odds of Pedestrian Death\*

70%  20%  5%

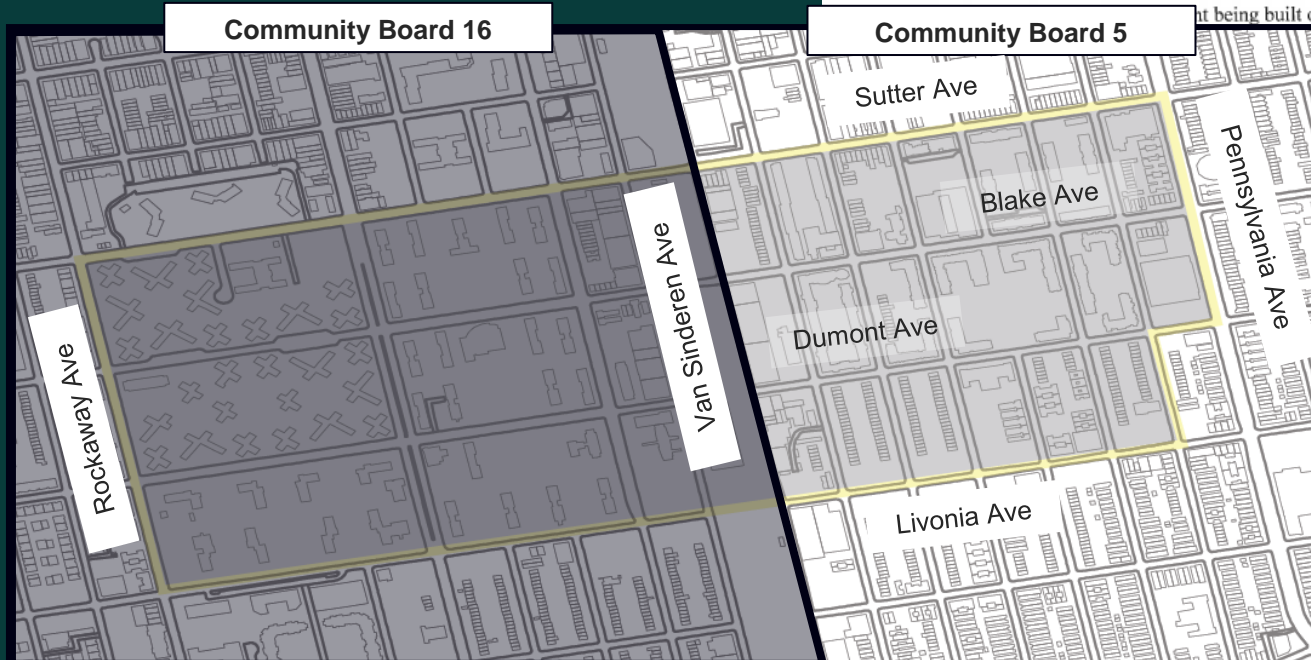




# Background

## Neighborhood Slow Zone Application

- Community Board 5
- Community Board 16  
Full Board Approved Spring 2014
- Brownsville Partnership



...being built on Livonia along with the other housing developments  
...it will be a welcome to have the area listed as a  
...ing the safety for the residents especially the children  
...hood Slow Zone for East New York and Brownsville.

# Neighborhood Slow Zone

Improving Safety  
in Neighborhoods

## 1. Neighborhood Slow Zone Program

## 2. Slow Zone Application

Why it was selected

## 3. Slow Zone Proposal

East New York-Brownsville CB 5 Section



# Neighborhood Slow Zone Program

Neighborhood  
Group/Stakeholder  
Applies  
Brownsville Partnership,  
CB 5, CB 16

Competitive  
Selection  
Safety #1 Criteria

Neighborhood  
Slow Zone  
Proposal

New York City Department of Transportation  
**NYC Neighborhood Slow Zone**  
Application for Communities & Neighborhoods

2014

Please read through the Neighborhood Slow Zone Guidelines before completing the application

**Community Information**

Name of Interested Community/Group: Brooklyn Waldorf School Parent Council Borough: Brooklyn  
Community Board(s): Two and Three Contact Person: Konrad Melsner  
Contact Person's Title: Council President Contact's Address: 11 Jefferson Ave  
City: Brooklyn State: NY Zip Code: 11238  
Contact's Phone #: 718.812.4302 Contact's Email: pa@brooklynwaldorf.org

**Slow Zone Example**

Slow Zones should be a self contained area surrounded by strong boundaries. Some examples of strong zone boundaries are highways, parks, elevated trains, dead ends, and major streets.

For example the Boerum Hill Slow Zone (pictured right) is bounded by the major streets Atlantic Ave, 3rd Ave, Union Street, and Smith Street.

**Boerum Hill Slow Zone**

**Proposed Boundaries of Slow Zone**

Describe the proposed location and boundaries of the Neighborhood Slow Zone. (Please attach a map).  
Fulton to Gates, Bedford to Grand. This Zone contains nine schools, eight houses of worship, a library, a playground, it's bordered by Crispus Attucks Park, Putnam Pedestrian Plaza, and the Bed-Stuy YMCA. The Zone includes a portion of Franklin Ave, a residential street that drivers use as a raceway once it changes from a one-lane plus bike-lane to two lanes at Lafayette, five blocks north of the Zone. A speed-gun survey found that Franklin's average speed (at Madison) is 38mph, and that cars regularly hit the upper 40s. According to CrashStat, 219 people have been struck by cars within this zone in recent years. In just three weeks, three separate crashes barreled onto sidewalks, hitting three pedestrians, two of whom were children standing outside their school, P.S. 3.  
This speeding epidemic is in jarring, dangerous contrast to the relaxed, vibrant sidewalk culture. Dominated by Southern and Caribbean migrants, sidewalks here are slow—people saunter, smile, and say hello; they cluster around stoops, barbecue on the sidewalk, play skelly in the street, and stop to admire chickens in a neighbor's front yard.  
Please help us bring the street and sidewalk into a better harmony. We are desperate to keep our children safe.



16 Selected  
74 Applications  
2014-15

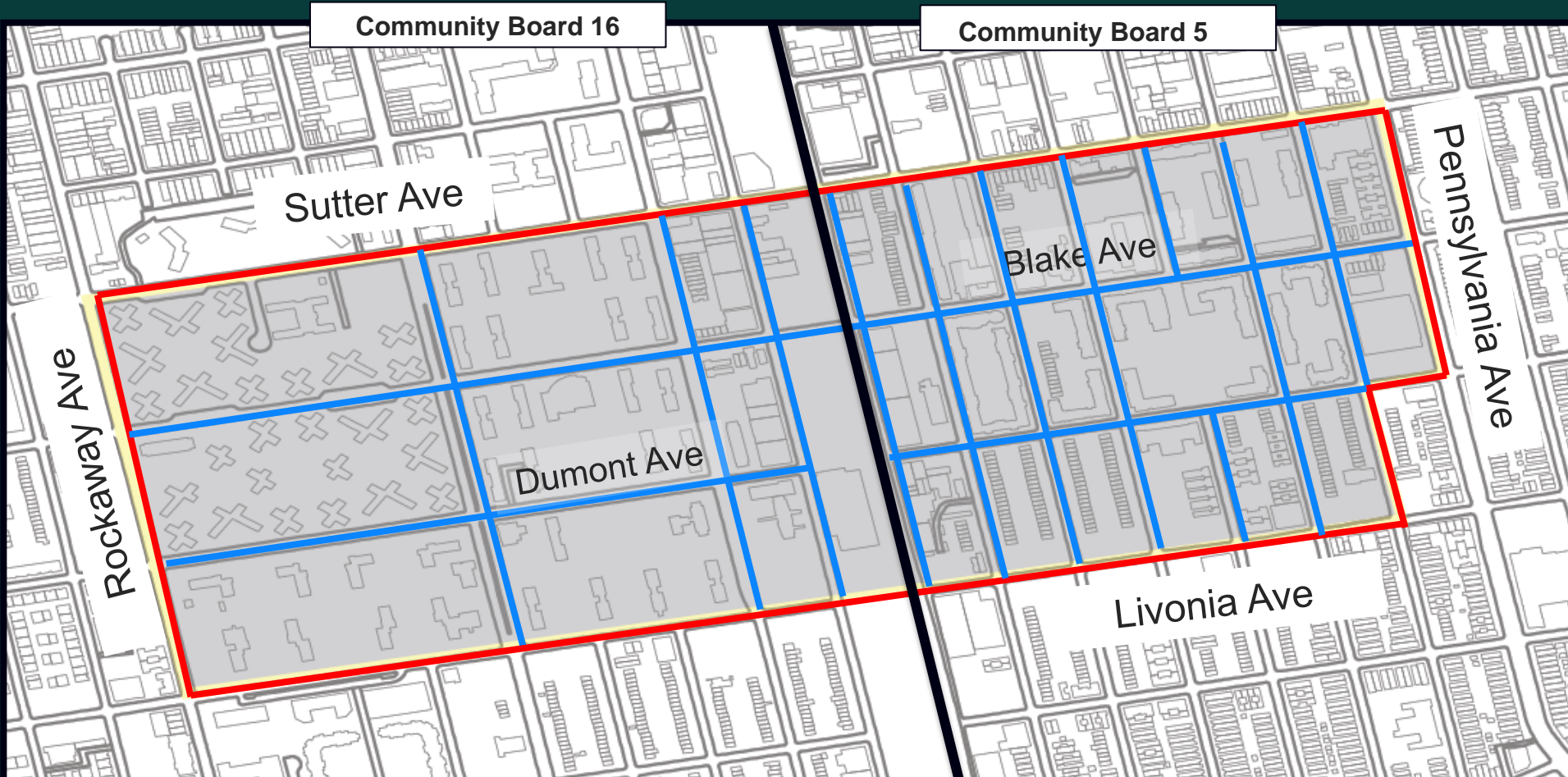
Brownsville-East New York Slow Zone





# What is a Neighborhood Slow Zone?

- Neighborhood streets speeds changed to 20 MPH
- Boundary streets **unchanged**





# Slow Zone Components: Gateway Signage

Placed at entrances to the Neighborhood Slow Zone Area





# Slow Zone Components: 20 MPH Markings



Markings placed throughout zone to remind motorist of the speed limit



# Slow Zone Component: Speed Bump

- Makes the Slow Zone “self-enforcing”; **lower speeds through design**
- Distributed evenly throughout the Slow Zone
- Successfully used throughout NYC

Bumped streets:  
~**40% reduction**  
in injury crashes  
  
~**20% reduction**  
in speeds

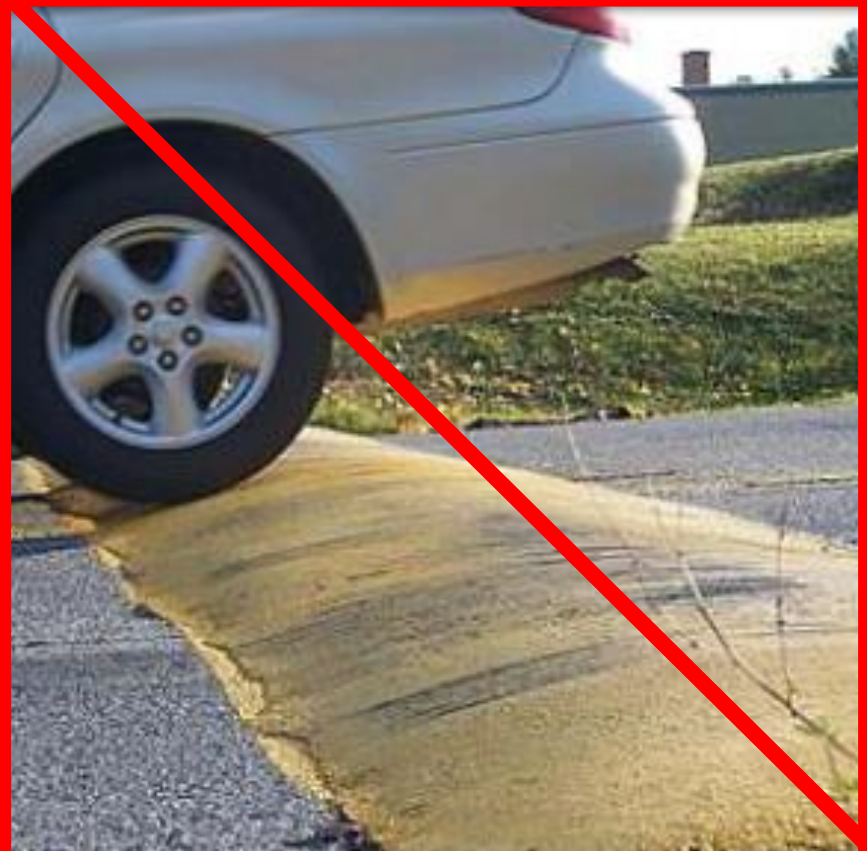


# Speed Bumps & Speed Humps

NYC DOT Standard



Never Used by NYC DOT





# Program History

- Pilot Project 1 zone 2011
  - Bronx: Claremont Slow Zone
- 1<sup>st</sup> Round 13 zones 2012-13
  - Brooklyn: Boerum Hill
  - Queens: Corona, East Elmhurst-Jackson Heights, Auburndale, Elmhurst
  - Bronx: Mt Eden, Riverdale, Eastchester, Baychester
  - Staten Island: Rosebank, New Brighton-St George, Dongan Hills
  - Manhattan: Inwood
- 2<sup>nd</sup> Round 16 zones (Current) 2014-15
  - Brooklyn: Clinton Hill, East New York/Brownsville, Crown Heights, Brooklyn Heights, Prospect Heights
  - Queens: Jackson Heights, Sunnyside Gardens-Woodside, Sunnyside, Astoria
  - Bronx: Norwood, Parkchester, Westchester Square
  - Staten Island: Midland Beach
  - Manhattan: Alphabet City, West Village, Hudson Heights

### Promising Safety Findings\*:

- **10-15%** reductions in speeds
- **14%** overall reduction in crashes with injuries
- **31%** reduction in vehicle injuries
- Ongoing evaluation of Slow Zones

\*Corona, Inwood, New Brighton/St George, Mt Eden, one-year after data





# Neighborhood Slow Zone Application

High amount of **severe crashes/fatalities**

- 5 per mile

Good **boundaries** (wide busy streets)

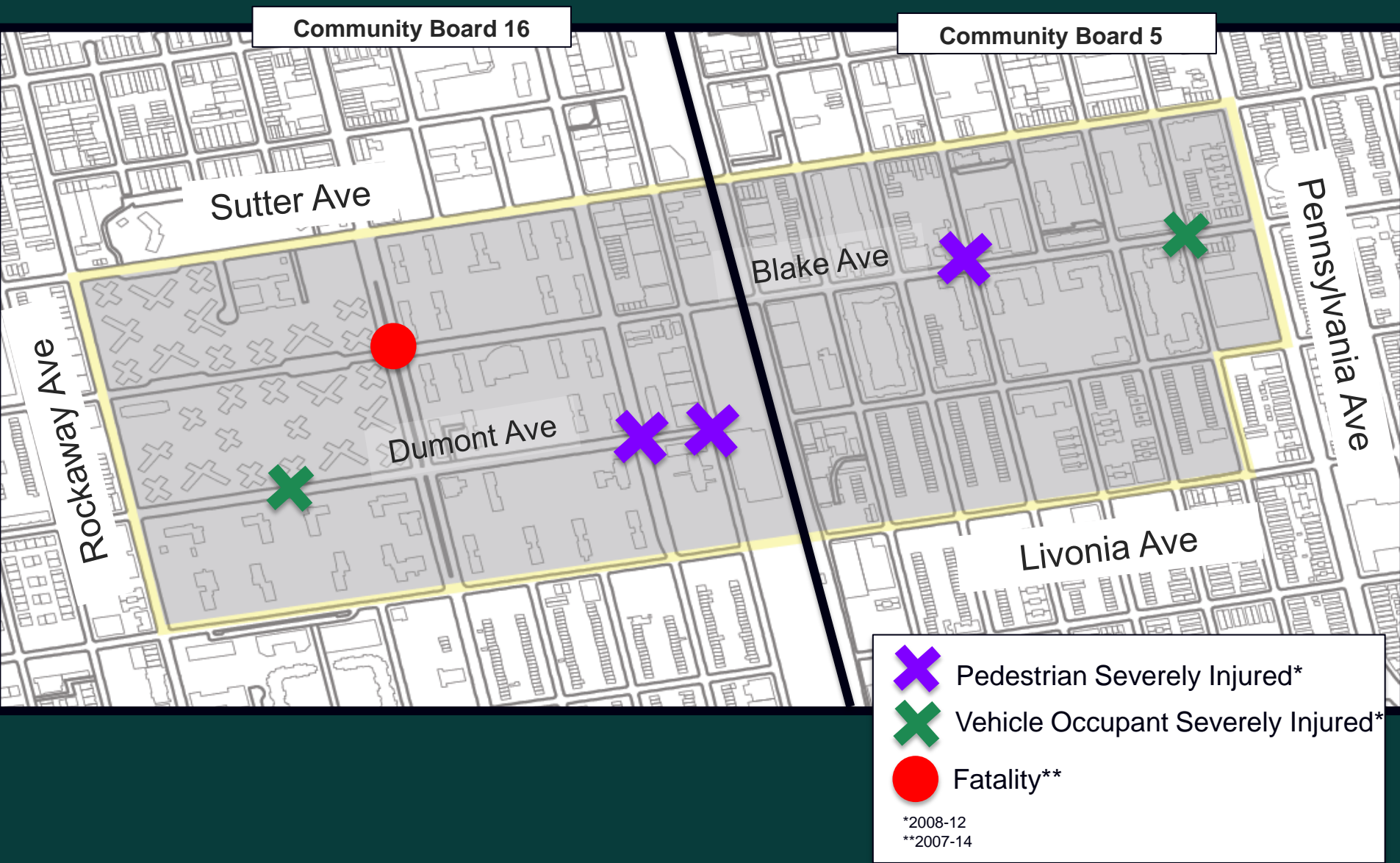
Many **letters of support**

- Schools
- Community Groups

	Severe Crashes	Crash Injuries	Size
East New York-Brownsville	<b>5 per mile</b>	<b>71 per year</b>	.25 sq mi
Boerum Hill (2013 Zone)	2 per mile	32 per year	.25 sq mi

Positive Criteria	Crashes	Letters of Support	Schools	Senior Centers	Daycare	Strong Boundaries	Subway Stations	Bus Routes (on Boundary)	Truck Routes (on boundary)
Negative Criteria	Fire Stations	Hospitals						Bus Routes (in zone)	Truck Routes (in zone)

# Severe Injuries & Fatalities

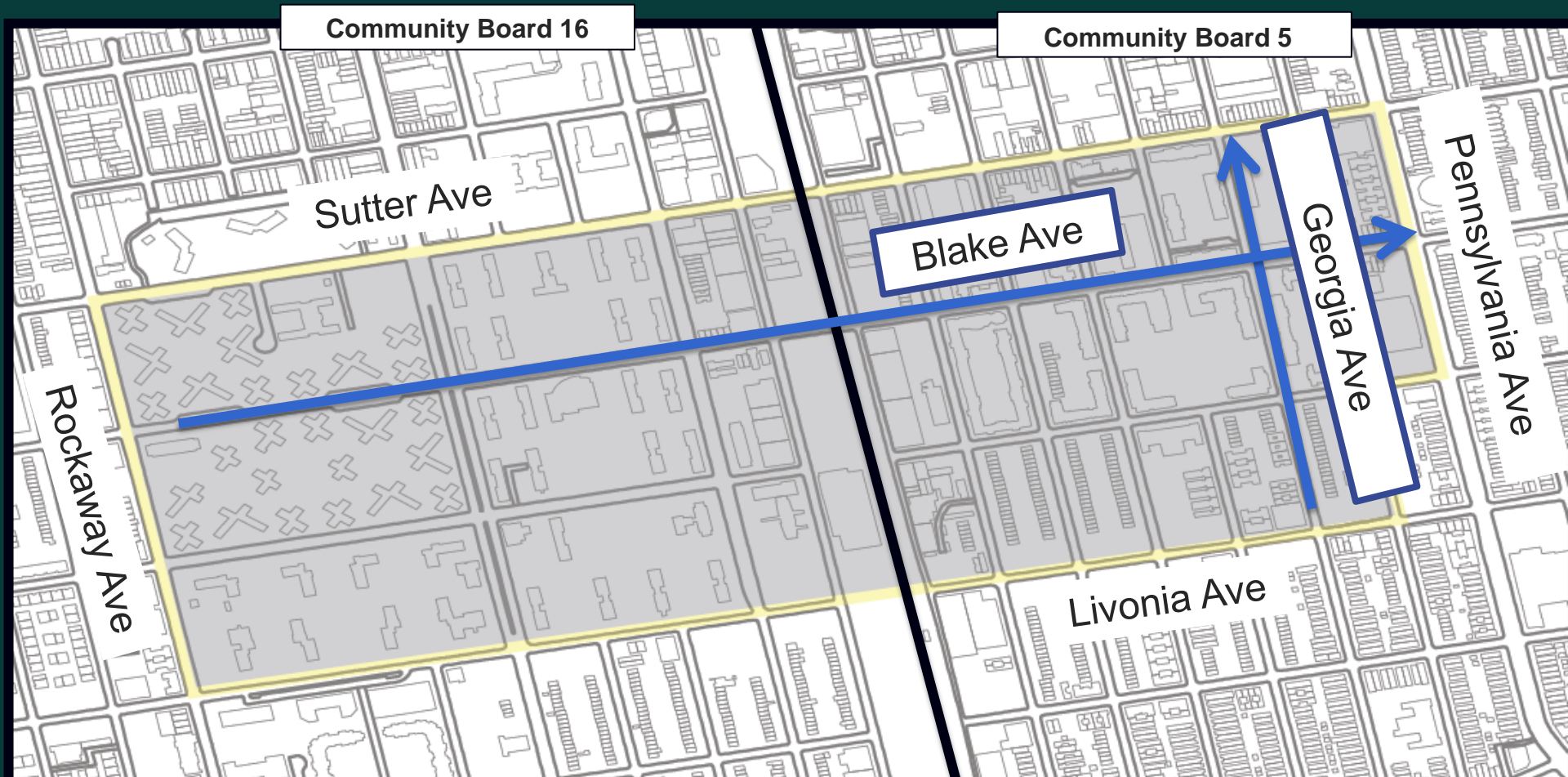




# Sample of Speeds in Zone

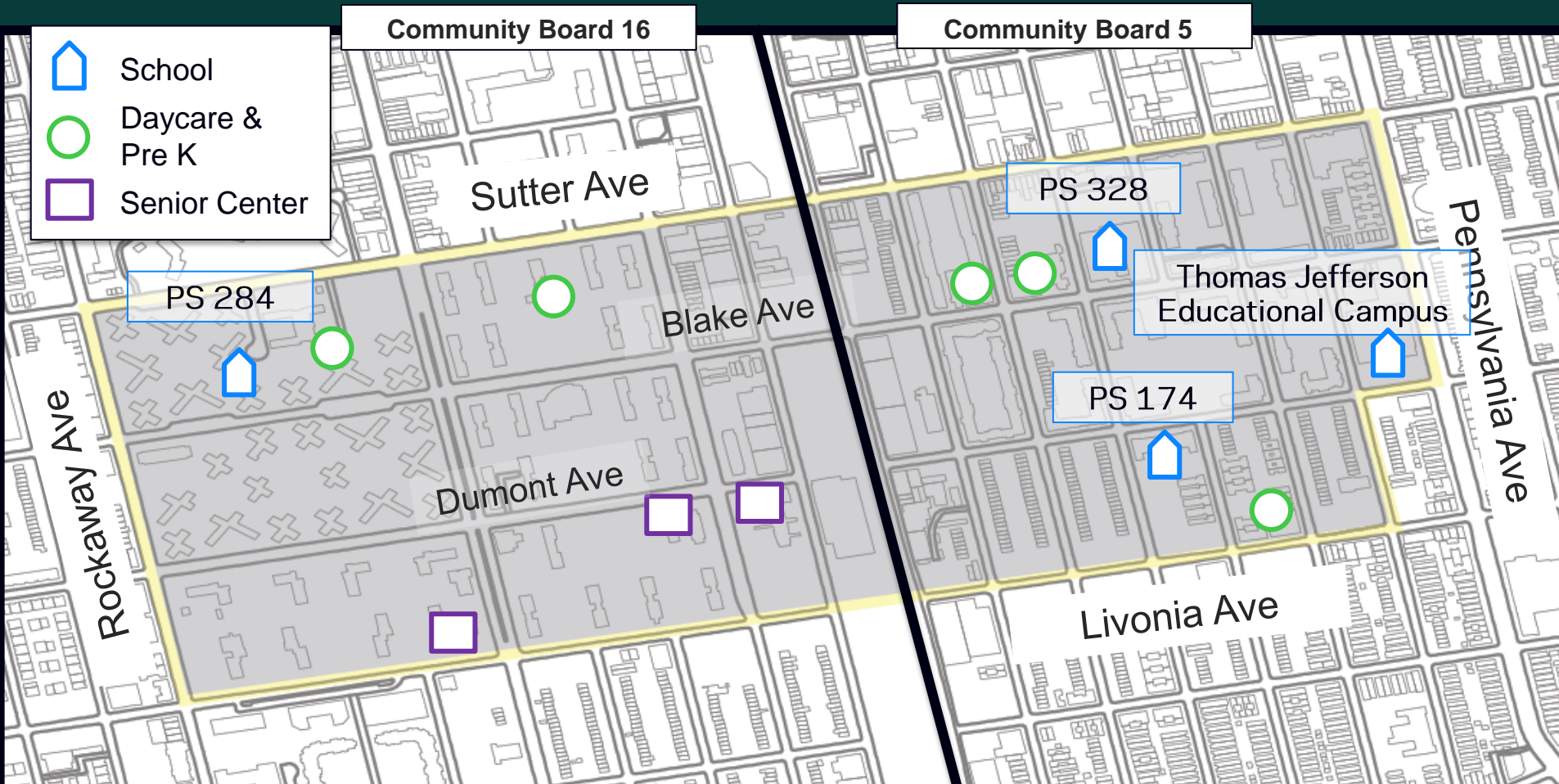
Speeding on residential streets with homes and schools

	Blake Av EB	Georgia Av NB
Avg Speed	26 MPH	26 MPH
Drivers above Speed Limit (30 MPH)	20%	17%



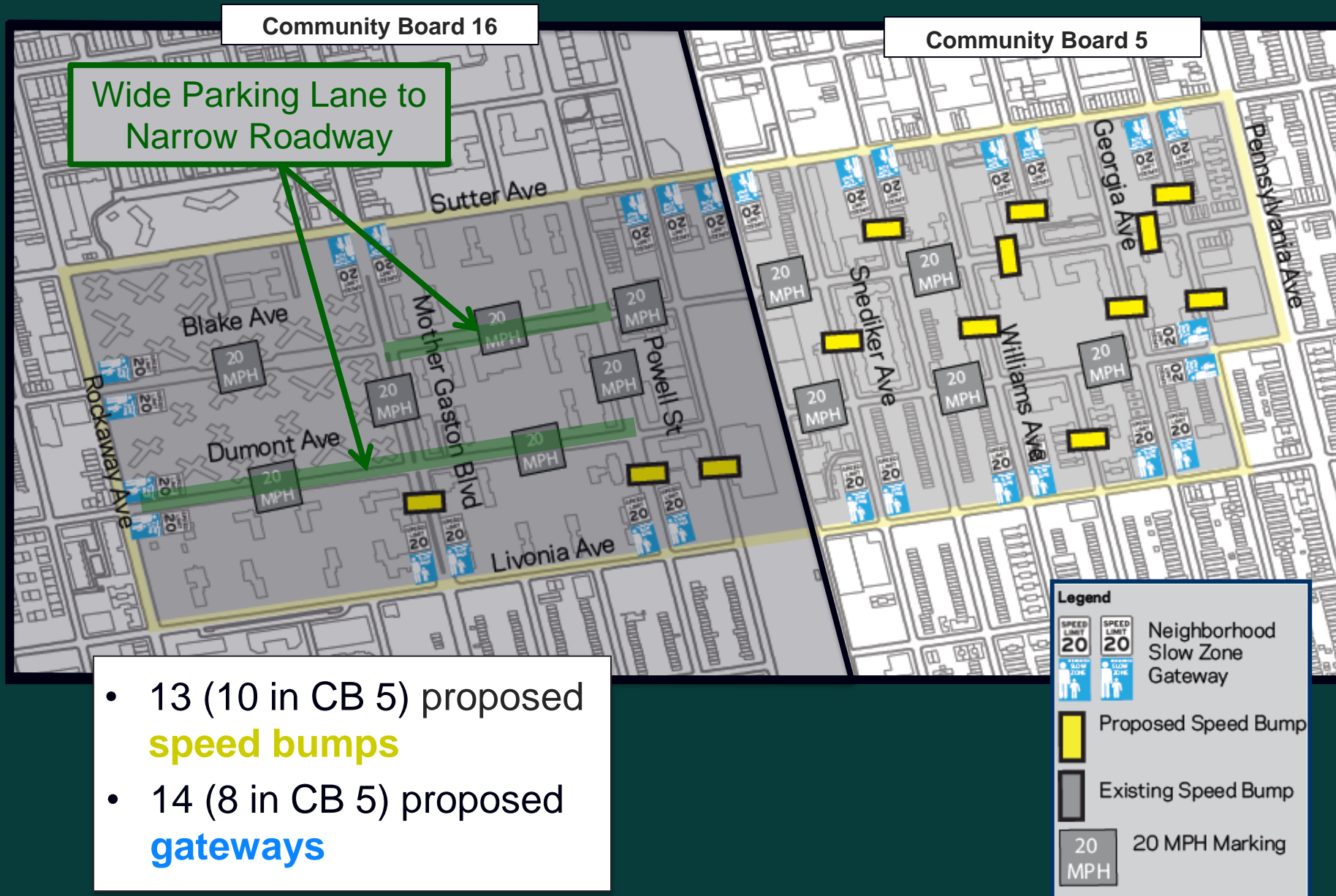
# Schools and Community Resources in Slow Zone

## 3 Schools in Community Board 5 Section

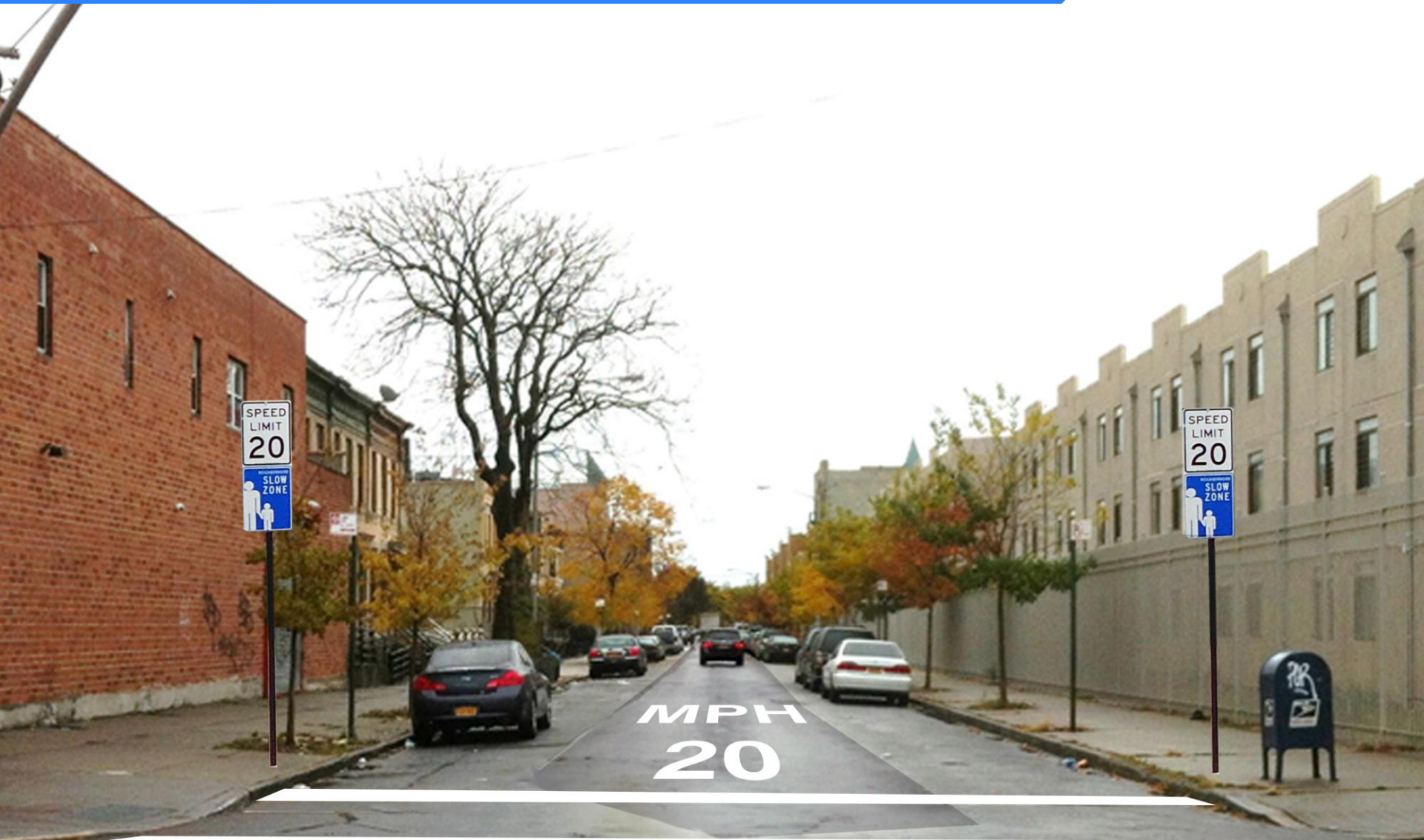




# Proposed East New York-Brownsville Slow Zone



# Proposed Slow Zone



Sutter Ave & Hinsdale St



# Increasing Safety in East New York-Brownsville

## Local Request

- CB 5 and CB 16 in conjunction with Brownsville Partnership

## Why implement?

- **3 schools** in the CB 5 section
- Odds of pedestrian death **4 times lower** at 20 mph compared to 30 mph



Questions?

**Thank  
You**



# Brooklyn Bus Map

 Slow Zone

No Speed Bumps  
will be placed on  
bus routes

