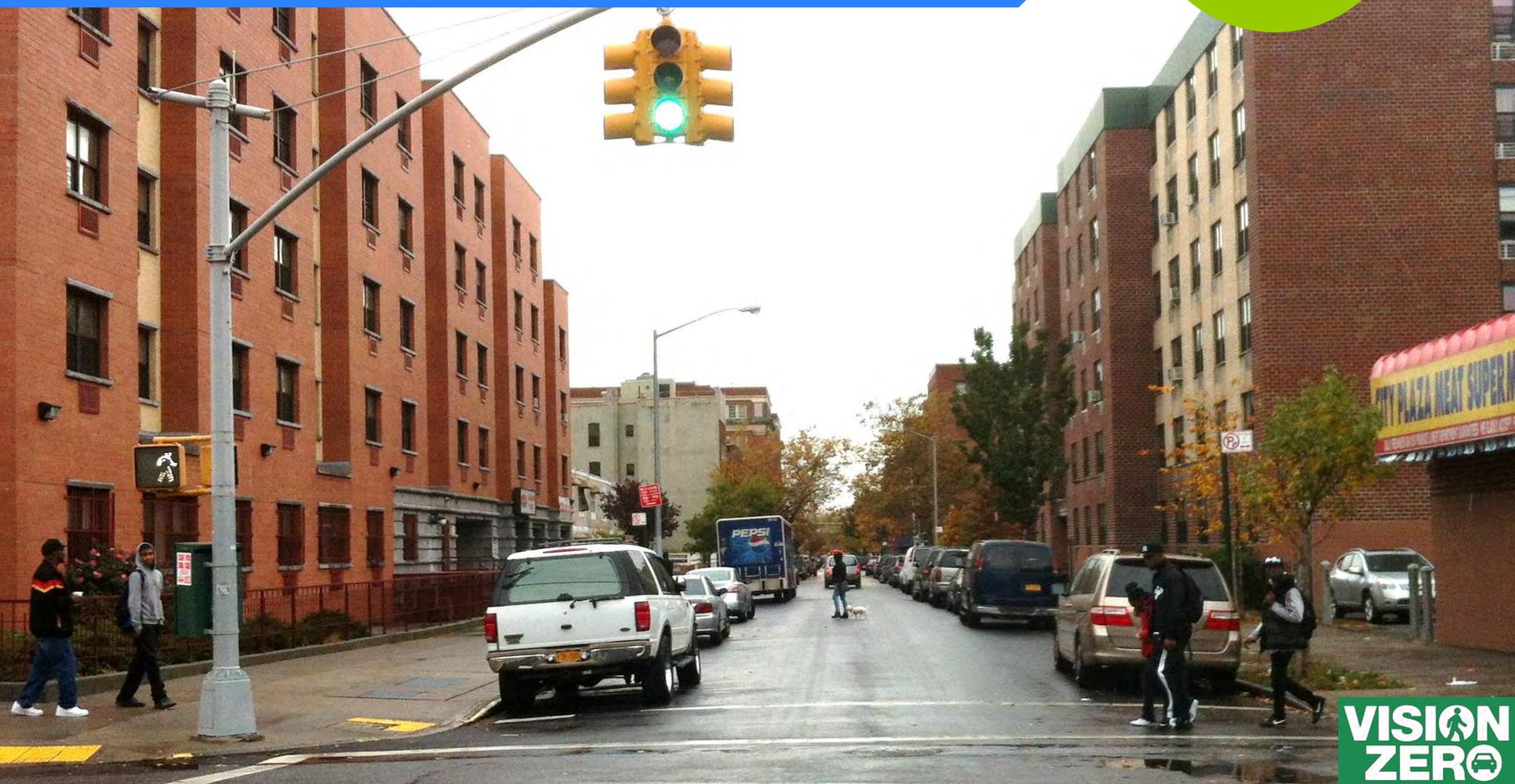


Neighborhood Slow Zone Brownsville-East New York, Brooklyn

June
2014



Commissioner Polly Trottenberg New York City Department of Transportation
Office of Research, Implementation & Safety
June 25, 2014 to Brooklyn Community Board 5



Odds of Pedestrian Death*

70%  20%  5%



*U.S. Department of Transportation - National Highway Traffic Safety Administration . (1999). Literature Review on Vehicle Travel Speeds and Pedestrian Injuries-DOT HS 809 021 October 1999

Neighborhood Slow Zone

Improving Safety
in Neighborhoods

1. Neighborhood Slow Zone Program

2. Slow Zone Application

Brownsville Partnership w/ CB 5 and CB 16

3. Slow Zone Proposal

Brownsville-East New York



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 2014
NYC Neighborhood Slow Zone
Application for Communities & Neighborhoods

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 Meisner
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.



Proposed Boundaries of Slow Zone

Describe the proposed location and boundaries of the Neighborhood Slow Zone. (Please attach a map.)
Fullon to Gates, Bedford to Grand. This Zone contains nine schools, eight houses of worship, a library, and 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



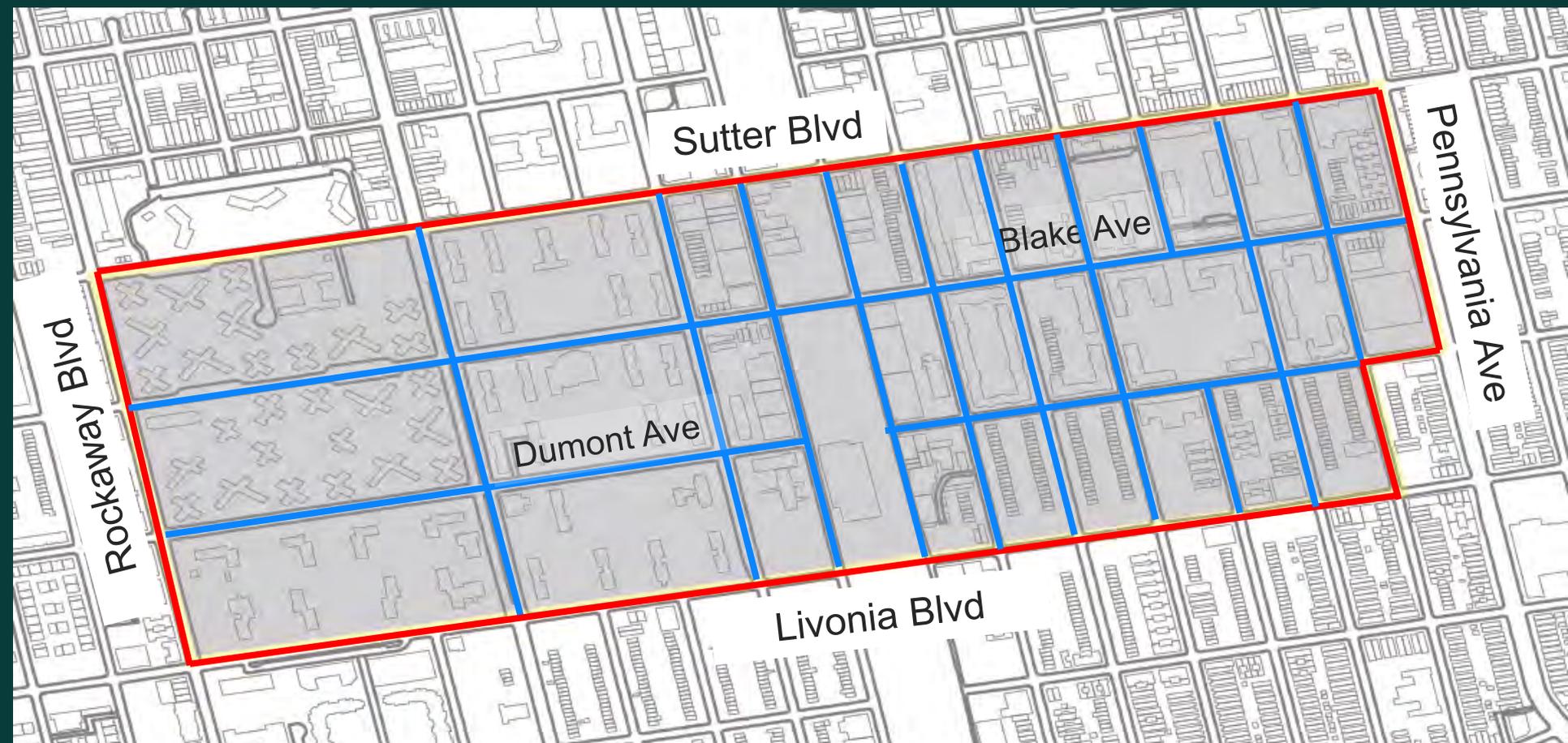
What is a Neighborhood Slow Zone?

Neighborhood residential speeds reduced to **20 MPH**



Residential Streets 20 MPH

- Neighborhood streets speeds changed to 20 MPH
- Boundary streets unchanged, speeds remain 30 MPH



Slow Zone Components

3 main tools to reduce speeds in the zone

- Gateway Signage
- 20 MPH Markings*
- Speed Bumps*

*Not applied on boundary streets which remain 30 mph



Gateway Signs



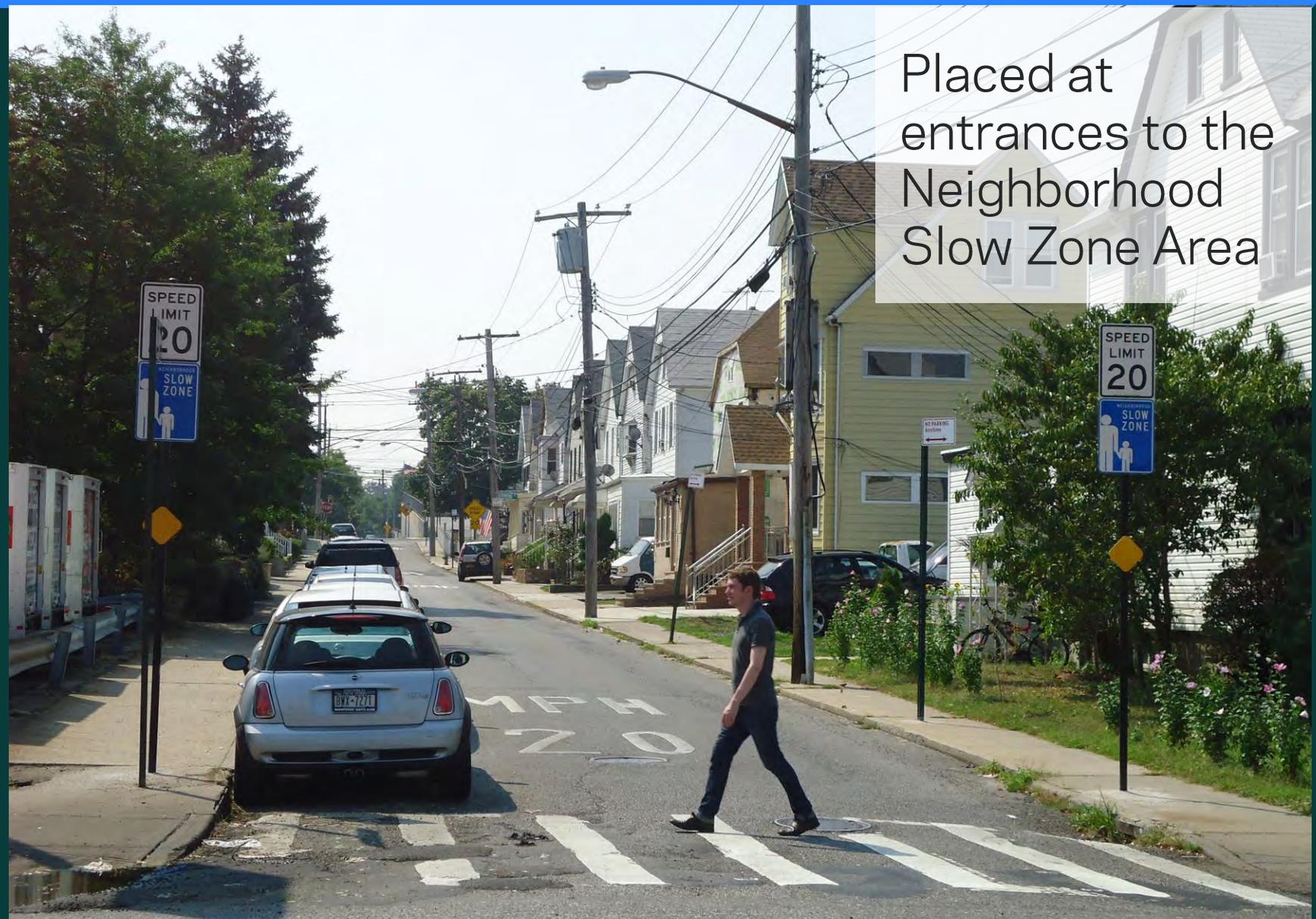
Markings



Speed Bumps

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



Gradual rise
designed to
be taken at
20 mph

Never Used by NYC DOT

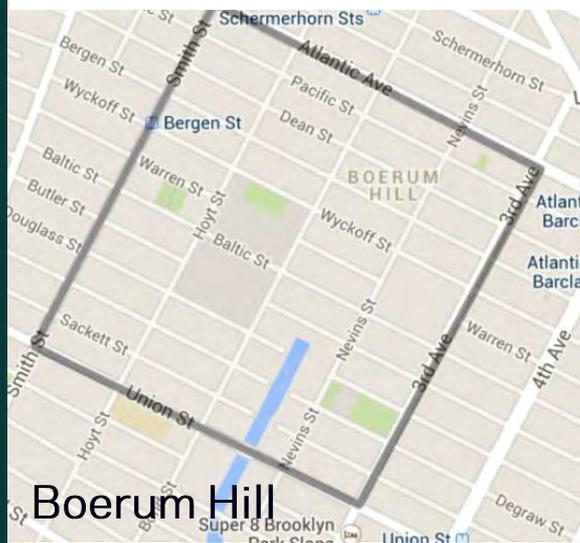


Program History

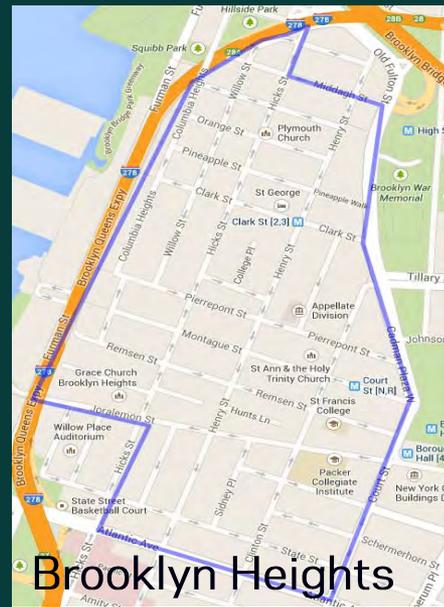
- **Pilot Project 1 zone 2011**
 - Bronx: Claremont Slow Zone
- **1st Round 13 zones 2012-13**
 - Brooklyn: Boerum Hill
 - Queens: Corona, East Elmhurst-Jackson Heights, Auburndale, Elmhurst
 - Bronx: Mt Eden, Riverdale, Eastchester, Baychester
 - Staten Island: Rosebank, New Brighton-St George, Dongan Hills
 - Manhattan: Inwood
- **2nd Round 16 zones (Current) 2014-15**
 - Brooklyn: Clinton Hill, Brownsville/East New York, 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

Sample Brooklyn Zones (2013-15)

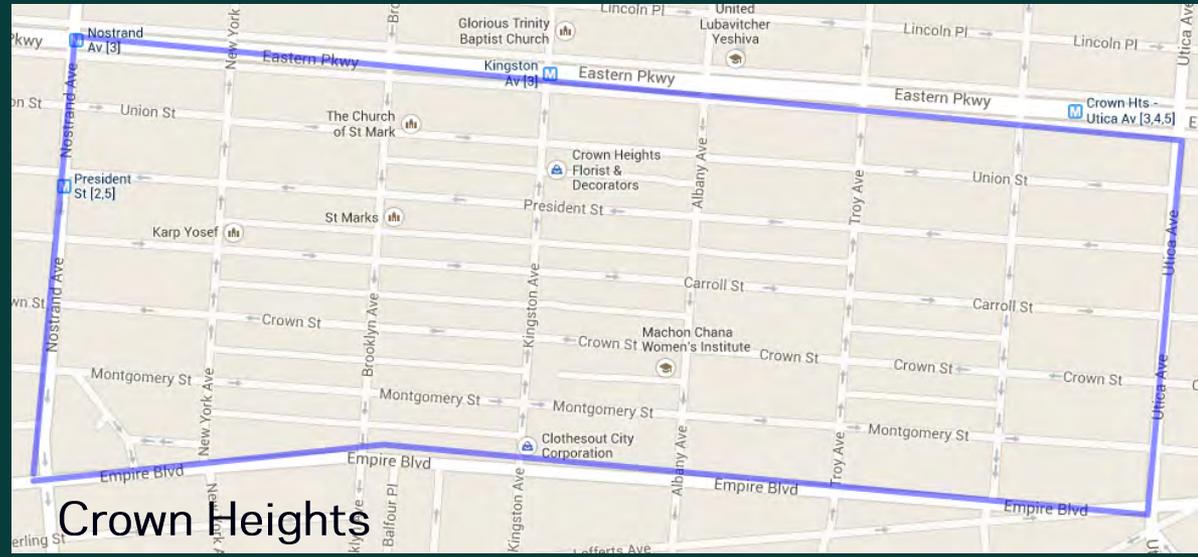
Implemented June 2013



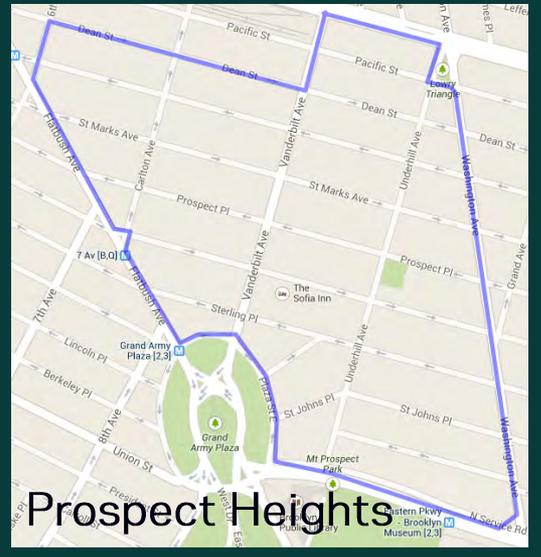
Boerum Hill



Brooklyn Heights



Crown Heights



Prospect 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



Application Brownsville-East New York

Slow Zone application

- Community Board 5
- Community Board 16
- Brownsville Partnership

The Borough of Brooklyn



COMMUNITY BOARD NO. 5

The City of New York

127 Pennsylvania Avenue *Brooklyn, NY 11207
Telephone: (718) 498-5711 Fax: (718) 345-0501
(E-Mail) Bk05@cb.nyc.gov

MARTY MARKOWITZ
Borough President

NATHAN BRADLEY
Chairman

WALTER CAMPBELL
District Manager

May 31, 2013

New York City Department of Transportation
55 Water Street
New York, New York 10041

To All Parties:

Community Board #5 is very happy to join with Community Board #16 to fully support the Neighborhood Slow Zone that is bounded by Sutter Avenue to Livonia and Pennsylvania to Rockaway Avenues.

With the new housing development being built on Livonia along with the other housing developments already in place plus the schools and day care center it will be a welcome to have the area listed as a Slow Zone.

Community Board #5 is always in favor of improving the safety for the residents especially the children in our community.

This letter is written to fully support the Neighborhood Slow Zone for East New York and Brownsville.

Sincerely,

Walter Campbell

Walter Campbell
District Manager
Community Board #5

New York City Department of Transportation

2013

NYC Neighborhood Slow Zone

Application for Communities & Neighborhoods



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

Community Information

Name of Interested Community/Group: BROWNVILLE PARTNERSHIP Borough: BROOKLYN
CB16 and CBS

Community Board(s): CB16 + CBS Contact Person: NUBUR CHAUDHURY
MANAGER, COMMUNITY PENNSYLVANIA PARTNERSHIP

Contact Person's Title: _____ Contact's Address: _____

City: BROOKLYN State: NY Zip Code: 11212

Contact's Phone #: _____ Contact's Email: NCHAUDHURY@CM74SOLUTIONS.COM

Slow Zone Selection Criteria

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
Brownsville-East New York	5 per mile	71 per year	.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



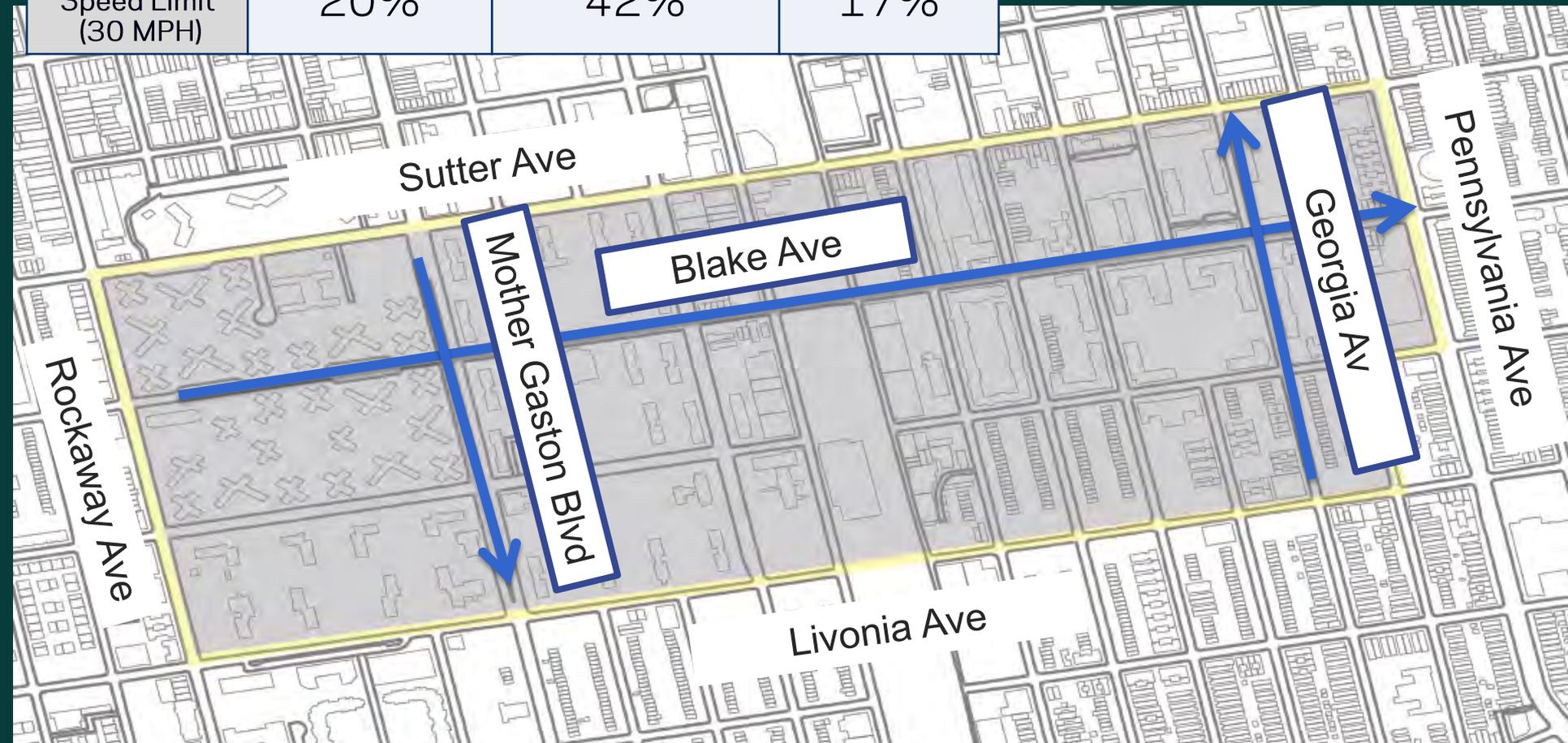
-  Pedestrian Severely Injured*
-  Vehicle Occupant Severely Injured*
-  Fatality**

*2008-12
**2007-14

Sample of Speeds in Zone

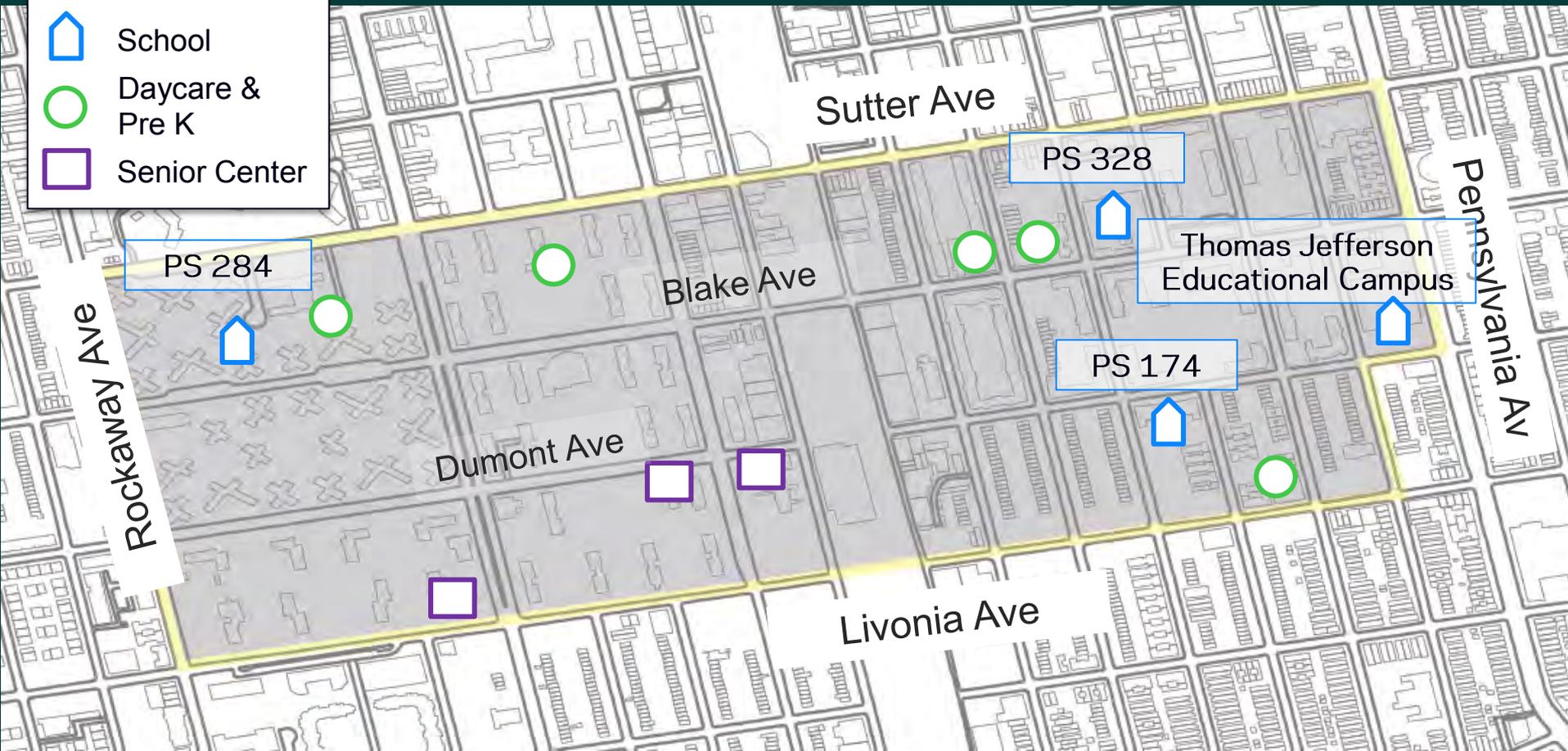
	Blake Av EB	Mother Gaston Blvd SB	Georgia Av NB
Avg Speed	26 MPH	30 MPH	26 MPH
Drivers above Speed Limit (30 MPH)	20%	42%	17%

Speeding on residential streets with homes and schools

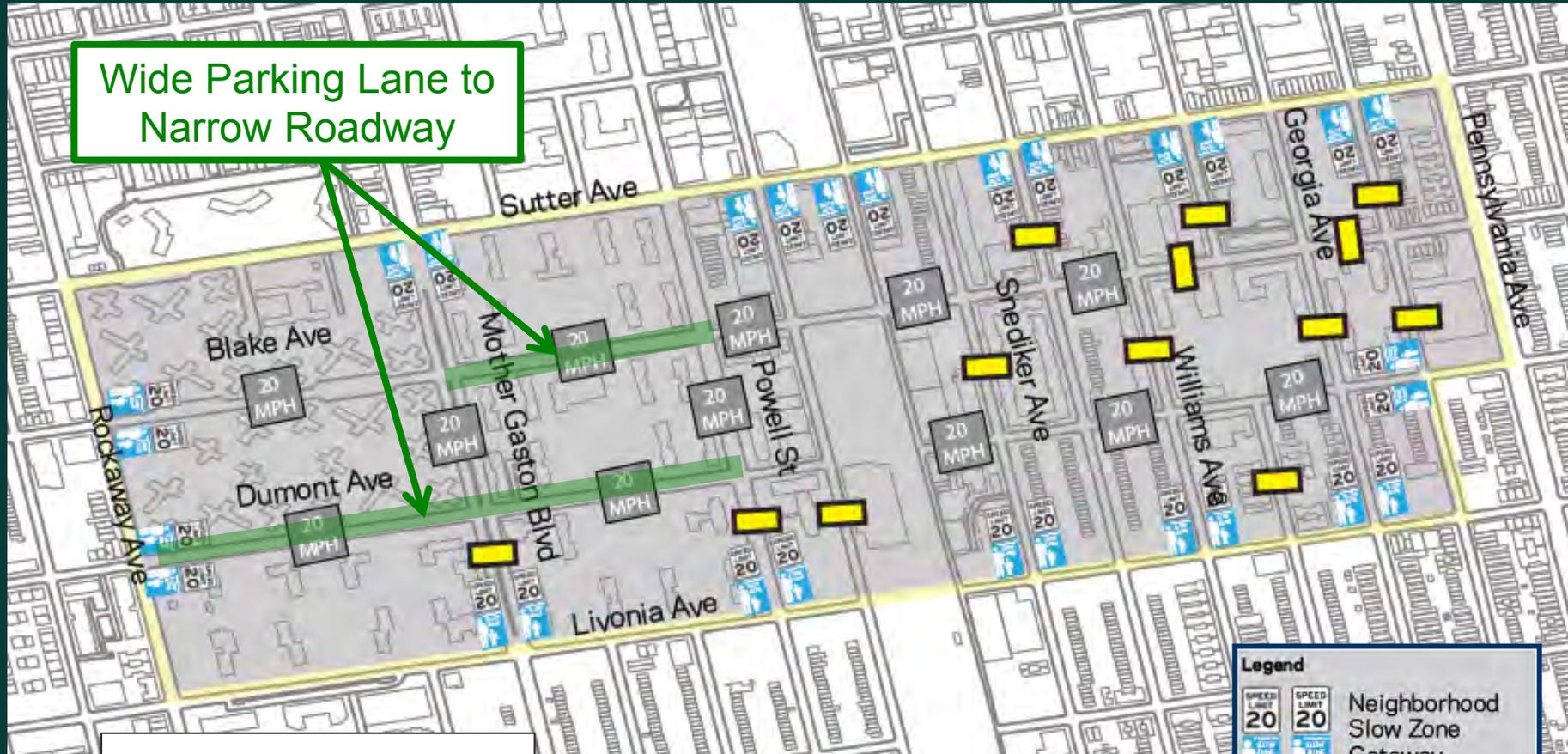


Schools and Community Resources in Slow Zone

-  School
-  Daycare & Pre K
-  Senior Center



Proposed Brownsville-East New York Slow Zone



Wide Parking Lane to Narrow Roadway

- 13 proposed **speed bumps**
- 14 proposed **gateways**

Legend

		Neighborhood Slow Zone Gateway
		Proposed Speed Bump
		Existing Speed Bump
		20 MPH Marking

Proposed Slow Zone



Sutter Ave & Hinsdale St

Proposed Slow Zone



Livonia Ave & Georgia Ave

Proposed Slow Zone



Sutter Ave & Alabama Ave

Increasing Safety in Brownsville-East New York

Local Request

- Slow Zone application submitted by Brooklyn CB 5 and CB 16 in conjunction with Brownsville Partnership



Why implement?

- **4 schools** in the proposed zone
- 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

