

Neighborhood Slow Zone Brooklyn Heights, Brooklyn

April
2015



New York City Department of Transportation
Office of Research, Implementation & Safety
Presented to Brooklyn Community Board 2 Transportation Committee, April 21st, 2015



Odds of Pedestrian Death*

70%  20%  5%



Neighborhood Slow Zone

Improving Safety in Neighborhoods

1. Neighborhood Slow Zone Program

2. Slow Zone Application

Brooklyn Heights Association

3. Slow Zone Proposal

Brooklyn Heights



Neighborhood Slow Zone Program

Neighborhood
Group/Stakeholder
Applies
Brooklyn Heights Association

Competitive
Selection
Safety #1 Criteria

Neighborhood
Slow Zone
Proposal

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

2013

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

Community Information

Name of Interested Community/Group: Tompkins Square Park & Playgrounds Parents' Assoc. Borough: Manhattan
Community Board(s): 3 Contact Person: Chad Marlow
Contact Person's Title: Founder Contact Address: 155 East 4th Street, Apt. 3G
City: New York State: New York Zip Code: 10009
Contact's Phone #: 545-275-4481 Contact's Email: TSP3A@yahoo.com

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):

- East of, but not including any portion of, 1st Avenue
- West of, but not including any portion of, FDR Drive
- North of:
 - o To the east of where 2nd Street meets Houston Street: North of, but not including any portion of, Houston Street
 - o To the west of where 2nd Street meets Houston Street: North of, but not including any portion of, 2nd Street
- South of, but not including any portion of, 14th Street

Proposed slow zone map included in attached documentation.



16 Selected
74 Applications
2014-15



What is a Neighborhood Slow Zone?

Neighborhood residential street speeds reduced to **20 MPH**



Residential Streets 20 MPH

- Neighborhood streets speeds changed to **20 MPH**
- Boundary streets unchanged, speeds remain **25 MPH**



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

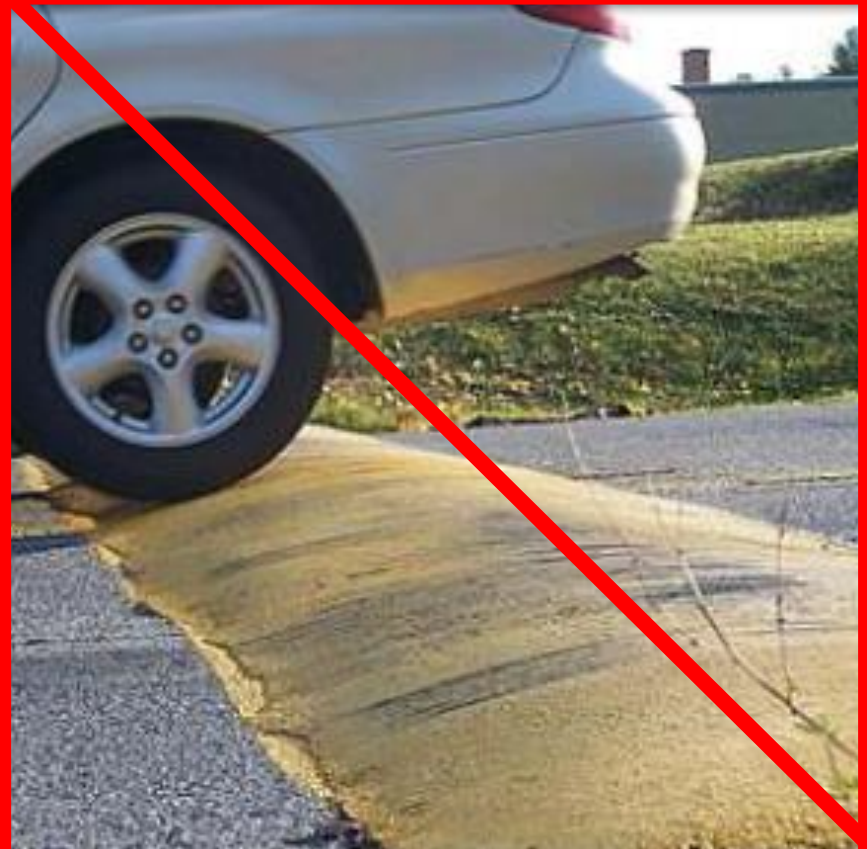


Speed Bumps & Speed Humps

NYC DOT Standard



Never Used by NYC DOT



Program History

- **Pilot Project 1 zone 2011**
 - Bronx: Claremont Slow Zone
- **1st Round 13 zones 2012-13**
 - Brooklyn: Boerum Hill
- **2nd Round 16 zones (Current) 2014-15**
 - Brooklyn: Brooklyn Heights, Prospect Heights, Clinton Hill, Brownsville-East New York, Crown Heights



Promising Safety Findings*:

- **10-15%** reductions in speeds
- **10%** overall reduction in crashes with injuries
- **27%** reduction in vehicle injuries



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

Application Brooklyn Heights

Slow Zone application

- Application submitted by Brooklyn Heights Association

New York City Department of Transportation

2011

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:	<input type="text"/>	Borough:	<input type="text"/>
Community Board(s):	<input type="text"/>	Contact Person and Title:	<input type="text"/>
Contact's Address:	<input type="text"/>		
<input type="text"/>			
City:	<input type="text"/>	State:	<input type="text"/>
		Zip Code:	<input type="text"/>

Slow Zone Selection Criteria

High amount of **severe crashes**

Good **boundaries** (wide busy streets)

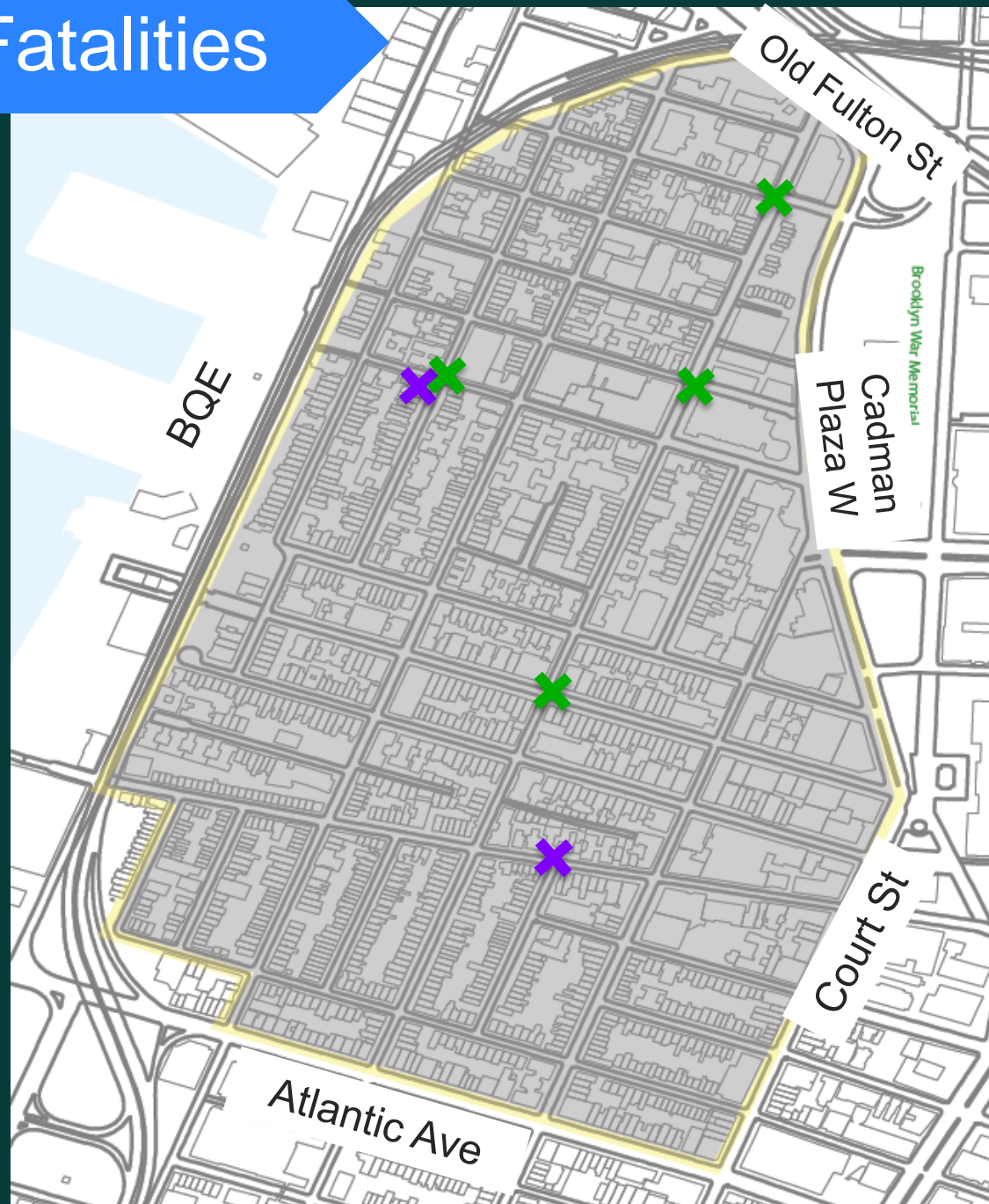
Many **letters of support**

- Councilmember Stephen Levin
- Senator Daniel Squadron
- Assemblywoman Joan Millman
- NY Kids Club
- Willowtown Association
- St. Charles Jubilee Senior Center
- Our Lady of Lebanon Cathedral and St. Ann & the Holy Trinity Church
- Schools: PS 8 PTA, St. Ann's School, Packer Collegiate Institute, Grace Church School, Plymouth Church School

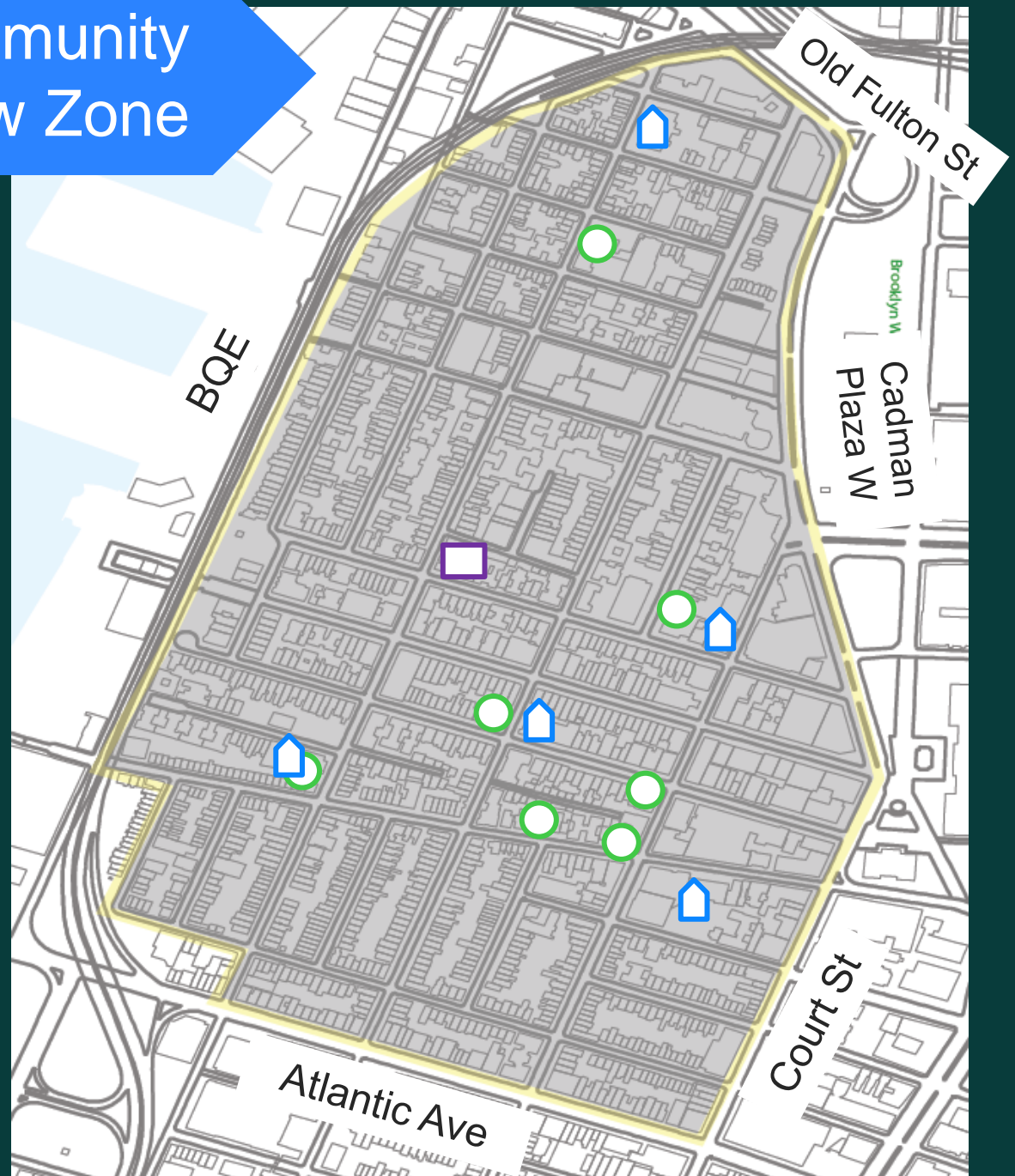
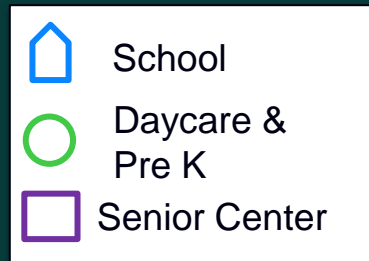
Positive Criteria	Crashes	Letters of Support	Schools	Senior Centers	Daycare	Strong Boundaries	Subway Stations	Bus Routes (on Boundary)	Truck Routes (on boundary)
Negative Criteria	Gateways Required							Bus Routes (in zone)	

Severe Injuries & Fatalities

- ✕ Pedestrian Severely Injured
 - ✕ Vehicle Occupant Severely Injured*
 - Fatality**
- *2009-13
**2008-14

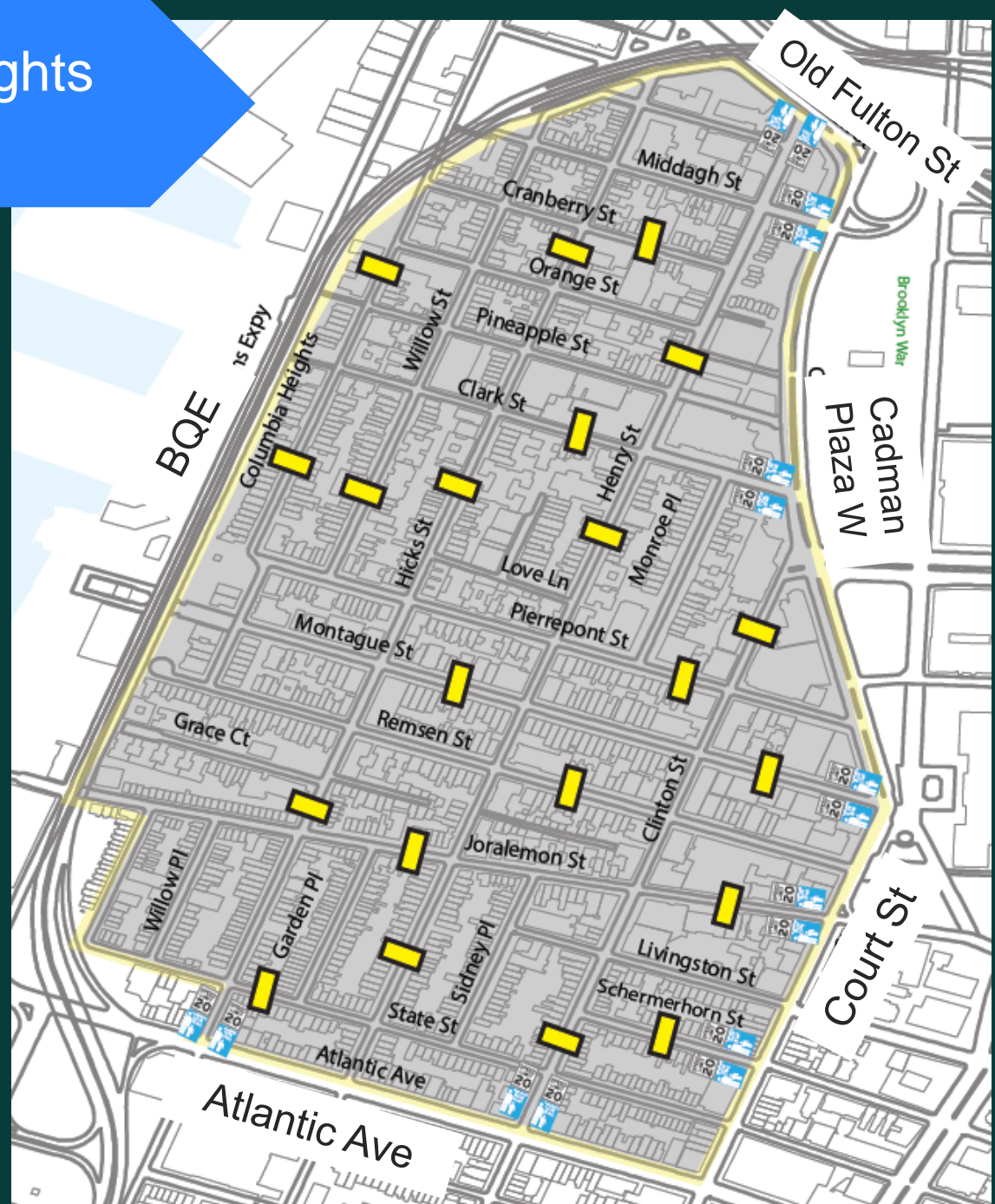
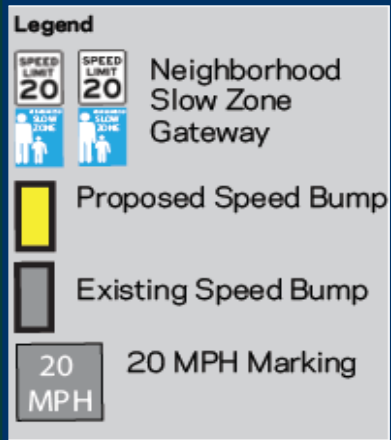


Schools and Community Resources in Slow Zone



Proposed Brooklyn Heights Slow Zone

- 21 proposed **speed bumps**
- 8 proposed **gateways**



Proposed Slow Zone



Schemerhorn St & Court St

Proposed Slow Zone



Montague St and Court St

Conclusion

Local Request

- Slow Zone application submitted by the Brooklyn Heights Association

Proposal

- 21 Speed Humps
- 8 gateways
- 20 mph markings

Benefits

- Slower Speeds
- Safety around schools and on neighborhood streets





Questions?



Thank
You

Contact: DOT Brooklyn Borough Office at (646) 892-1350

Brooklyn Bus Map

No Speed Bumps
will be placed on
bus routes

 Slow Zone

