Odds of Pedestrian Death*

70% → 20% → 5%

1. Neighborhood Slow Zone Program

2. Slow Zone Application
Montgomery Street Block Association

3. Slow Zone Proposal
Neighborhood Slow Zone Program

Neighborhood Group/Stakeholder Applies
Montgomery Street Block Association

Competitive Selection
Safety #1 Criteria

16 Selected
74 Applications
2014-15

Crown Heights Neighborhood Slow Zone

New York City Department of Transportation
NYC Neighborhood Slow Zone

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

Contact Information
Name of Interested Community Group: Brooklyn Residents Against Traffic Violence
Contact Address: 770 Nostrand Ave
City: Brooklyn
State: NY
Zip Code: 11221
Contact Phone: 718-688-8300

Slow Zones should be self-contained areas surrounded by strong boundaries. Some examples of strong zone boundaries are right-of-way, parks, schoolyards, dead-end streets, and/or an older neighborhood center. For example, the Brooklyn Heights Slow Zone is surrounded by four blocks and includes four schools. Boundaries include the Brooklyn Heights Promenade, Atlantic Ave, 3rd Ave, Union Street, and Smith Street.

Proposed Boundaries of Slow Zone

Create a proposed location boundary for the proposed Slow Zone. It may include a mix of residential, commercial, and institutional areas. The proposed zone should be a combination of residential streets, parks, schools, and other community amenities.

Neighborhood Slow Zone Proposal
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
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, 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
Application Crown Heights

Slow Zone application

- Application submitted by Montgomery Street Block Association
  Support: Crown Heights Jewish Community Council & Kingston Avenue Merchants Association

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

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

<table>
<thead>
<tr>
<th>Community Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Interested Community/Group:</td>
</tr>
<tr>
<td>Community Board(s):</td>
</tr>
<tr>
<td>Contact’s Address:</td>
</tr>
<tr>
<td>City:</td>
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</tbody>
</table>
Neighborhood Slow Zone Application

High amount of severe crashes/fatalities
• 4 per mile

Good boundaries (wide busy streets)
• Utica Av, Empire Blvd & Nostrand Av
  Truck Routes

Many children in the area
• Schools
• Pre K
• Daycare Centers

<table>
<thead>
<tr>
<th>Positive Criteria</th>
<th>Crashes</th>
<th>Letters of Support</th>
<th>Schools</th>
<th>Senior Centers</th>
<th>Daycare</th>
<th>Strong Boundaries</th>
<th>Subway Stations</th>
<th>Bus Routes (on Boundary)</th>
<th>Truck Routes (on boundary)</th>
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</thead>
<tbody>
<tr>
<td>Negative Criteria</td>
<td>Fire Stations</td>
<td>Hospitals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>Severe Crashes</th>
<th>Crash Injuries</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crown Heights</td>
<td>4 per mile</td>
<td>87 per year</td>
<td>.4 sq mi</td>
</tr>
<tr>
<td>Boerum Hill (2013 Zone)</td>
<td>2 per mile</td>
<td>32 per year</td>
<td>.25 sq mi</td>
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</tbody>
</table>
Severe Injuries & Fatalities

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

*2008-12
**2007-14
Sample of Speeds in Zone

Speeding on residential streets with homes and schools

<table>
<thead>
<tr>
<th></th>
<th>Carroll St</th>
<th>President St</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg Speed</td>
<td>26 MPH</td>
<td>27 MPH</td>
</tr>
<tr>
<td>Drivers above</td>
<td>27%</td>
<td>23%</td>
</tr>
<tr>
<td>Speed Limit (30 MPH)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Schools and Community Resources in Slow Zone

- MACADEMY
- President St
- Brooklyn Ave
- Beth Rivkah School
- PS 161
- Saint Mark’s Day School
- Machon Chana
- Eastern Parkway
- Carroll St
- Yeshiva Beis Chaya Mushka
- United Lubavitcher Yeshiva
- PS 221
- Stars & Knights Day School
- Utica Ave
- Nostrand Ave

School
Daycare & Pre K
- 26 proposed **speed bumps**
- 11 proposed **gateways**
Proposed Slow Zone

Empire Blvd & Kingston Ave
Increasing Safety in Crown Heights

Local Request
- Montgomery Street Block Association

Why implement?
- 9 schools in the proposed area
- Odds of pedestrian death 4 times lower at 20 mph compared to 30 mph
Questions?

Thank You
Bus Map

☐ Slow Zone

No Speed Bumps will be placed on bus routes