Vision Zero - Slower Speeds Save Lives

Odds of Pedestrian Death*

70% → 20% → 5%

1. Neighborhood Slow Zone Program

2. Slow Zone Application
   Assembly Members
   • Jeffrey Dinowitz
   • Mark Gjonaj

3. Slow Zone Proposal Norwood
Neighborhood Slow Zone Program

Neighborhood Group/Stakeholder Applies
Assembly Members Jeffrey Dinowitz & Mark Gjonaj

Competitive Selection
Safety #1 Criteria

15 Selected
74 Applications
2014-16

Norwood Slow zone
What is a Neighborhood Slow Zone?

Neighborhood residential speeds reduced to **20 MPH**
- Signage
- Markings
- Speed Bumps
Residential Streets 20 MPH

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

Safety on your neighborhood streets: 
~30\% of fatalities currently occur on local roads
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
Slow Zone Components: 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**

- **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 15 zones (Current) 2014-16**
  - Brooklyn: Bedford Stuyvesant-Clinton Hill, Brownsville/East New York, Crown Heights, Brooklyn Heights, Prospect Heights
  - Queens: Jackson Heights, Sunnyside Gardens-Woodside, Sunnyside
  - **Bronx: Norwood, Parkchester, Westchester Square**
  - Staten Island: Midland Beach
  - Manhattan: Alphabet City, West Village, Hudson Heights
Promising Safety Findings*:

- **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
Slow Zone Application Norwood

Slow Zone application

• Application submitted by Assembly Members Jeffery Dinowitz and Mark Gjonaj

Proposed Implementation

• April 2014 Speed Hump Installation
• May 2014 Signs and Markings
High amount of **severe crashes**
- 4 per mile

**Good boundaries** (wide busy streets)

**Many letters of support**

<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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<tbody>
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<td><strong>Norwood</strong></td>
<td>4 per mile</td>
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<tr>
<td><strong>Parkchester</strong></td>
<td>3 per mile</td>
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<td><strong>Westchester Square</strong></td>
<td>3 per mile</td>
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<th>Negative Criteria</th>
<th>Fire Stations</th>
<th>Hospitals</th>
<th>Schools</th>
<th>Senior Centers</th>
<th>Daycare</th>
<th>Strong Boundaries</th>
<th>Subway Stations</th>
<th>Bus Routes (in zone)</th>
<th>Truck Routes (in zone)</th>
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Significant Community Support

- Petition with 135 signatures from community members in support of application
- Supporting groups
  - Bronx Community Board 7
  - Gabriel Oliver Koppell - Council Member District 11 at time of application
  - 52nd Precinct Community Council
  - Friends of the Williamsbridge Oval
  - Montefiore Medical Center
  - Mosholu Preservation Corporation
Proposed Slow Zone

Putnam Pl and E Gun Hill Rd
Proposed Slow Zone

Decatur St and E 204th St
### Sample of Speeds in Zone

<table>
<thead>
<tr>
<th></th>
<th>E 206th St EB</th>
<th>Parkside Pl</th>
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<tbody>
<tr>
<td>Avg Speed</td>
<td>25 MPH</td>
<td>24 MPH</td>
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<tr>
<td>Drivers above</td>
<td>12%</td>
<td>9%</td>
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<tr>
<td>Speed Limit (30 MPH)</td>
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- Speeding on residential streets with homes and schools
- 13 proposed speed bumps
- 12 proposed gateways
Increasing Safety in Norwood

Local Request

- Slow Zone application from local Assembly Members, supported by petition and community groups

Why implement?

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

Thank You