

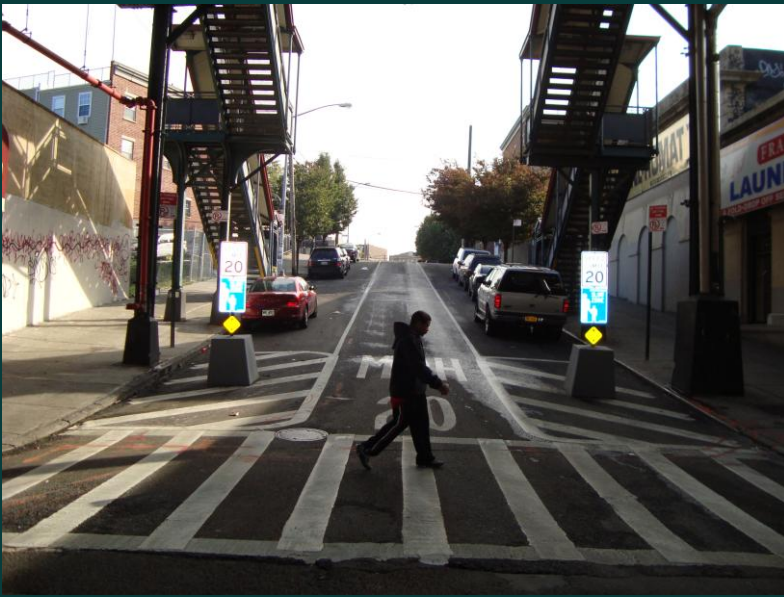
Neighborhood Slow Zone Corona QN

June
2012



What is a Neighborhood Slow Zone?

- Speed limit set at 20mph
- Small, self-contained area (~5x5 blocks or ¼ mile diameter)
- Announced with signage and gateways
- Self-enforcing via speed bumps
- 20mph markings remind drivers to slow down




Safety Impacts

- **London, UK:**
 - 46% reduction in fatal and severe injury crashes, as compared to untreated areas
 - Average speeds reduced 9mph
 - No collision migration (crashes did not increase in adjacent areas)
- **The Netherlands**
 - Average decrease of injuries of ~25% in Zones 30
- **Barcelona**
 - Crash rates dropped up to 27%
- Similar programs have also been adopted in Berlin, Zurich, Dublin, Stockholm & Helsinki



Quality-of-Life Improvements

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- Reduced traffic noise
 - Reduced cut-through traffic
 - More social streets

Slow Zone Components: Gateways

- Roadway is narrowed by sign base, signs and markings to bring down vehicle speeds
- Drivers are clearly alerted that they are entering a traffic calmed zone
- 1-2 parking spaces removed at each gateway (“daylighting”)



Slow Zone Components: Speed Bumps

- Keep vehicle speeds around 20mph; 15 mph near schools
- ~30% reduction in mid-block crashes
- ~20% reduction in speeds
- Speed bumps distributed evenly throughout the Slow Zone
- Key element in making the Slow Zone “self-enforcing”
- Follow standard speed bump criteria when choosing streets for installation



Slow Zone Components: 20 MPH Markings

- Install on streets in between or infeasible for speed bumps
- Exclude on:
 - Streets leaving the Slow Zone
 - Very short blocks



Corona Slow Zone Application


- Application received February 1, 2012
- Submitted by CM Julissa Ferreras
- 33 other Queens Applications were received, accounting for ~35% of total, 2nd highest Borough
- DOT will install 13 Slow Zones citywide in 2012-2013
- Corona scheduled for 2012 implementation

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:

Borough:

Community Board(s):

Contact Person and Title:

Contact's Address:

City:

State:

Zip Code:

Slow Zone Selection Criteria

- Average Injuries per year **33.6**
- Ranked per mile, more dangerous than **79%** of Queens streets
- Ideal size (.26 sq mi)
- Strong boundaries (busy, commercial streets, elevated train)
- 2 schools
- 10 pre-k / Head Start / daycare centers
- Two subway stops nearby
- Highly residential

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)

Proposed Slow Zone



- 14 **proposed** speed bumps
- 5 **existing** speed bumps
- 13 proposed gateways
- 21 20mph markings

Proposed Slow Zone



38th Ave and Junction Blvd

Proposed Slow Zone



106th St and 34th Ave

Questions?

**Thank
You**