

Neighborhood Slow Zone Clinton Hill/Bed Stuyvesant, Brooklyn

Jan
2014



What is a Neighborhood Slow Zone?

- Speed limit set at 20mph
- Small, self-contained area (~5x5 blocks or ¼ mile diameter)
- Announced with special signage
- 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 30 km (18 mph) zones
- **Barcelona**
 - Crash rates dropped up to 27%
 - Similar programs have also been adopted in Berlin, Zurich, Dublin, Stockholm & Helsinki



Quality-of-Life Improvements



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

Slow Zone Components: Gateways

- Drivers are alerted that they are entering a traffic calmed zone with special signage



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



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



Speed Humps vs Speed Bumps

- NYC DOT uses the term bump for what technically is a speed hump
- Speed Hump
 - Gradual rise designed to be taken at 15-20mph
 - 3 to 4 inches in height
- Speed Bump
 - Abrupt rise designed to be taken at 5mph or less
 - 3 to 6 inches in height



Speed Hump
NYC Standard



Speed Bump
Not Used in NYC

Clinton Hill/Bed Stuy Slow Zone Application

- Slow Zone application
 - Application submitted by the Brooklyn Waldorf School Parent Council
- Proposed Implementation:
 - March 2014 Speed Hump Installation
 - April 2014 Signs and Markings
- 1 of 5 zones for Brooklyn
- DOT installing 15 Slow Zones citywide in 2014-2016

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

- Many letters of support (65 Letters Total)
 - Letitia James - Council Member District 35
 - Society for Clinton Hill
 - Brooklyn Waldorf School
- High amount of severe crashes
- Good size (.2 sq mi)
- Good boundaries (wide busy streets)
- 4 schools in zone area

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



Bedford Ave and Clifton Pl

Proposed Slow Zone



Fulton Ave and Cambridge Pl

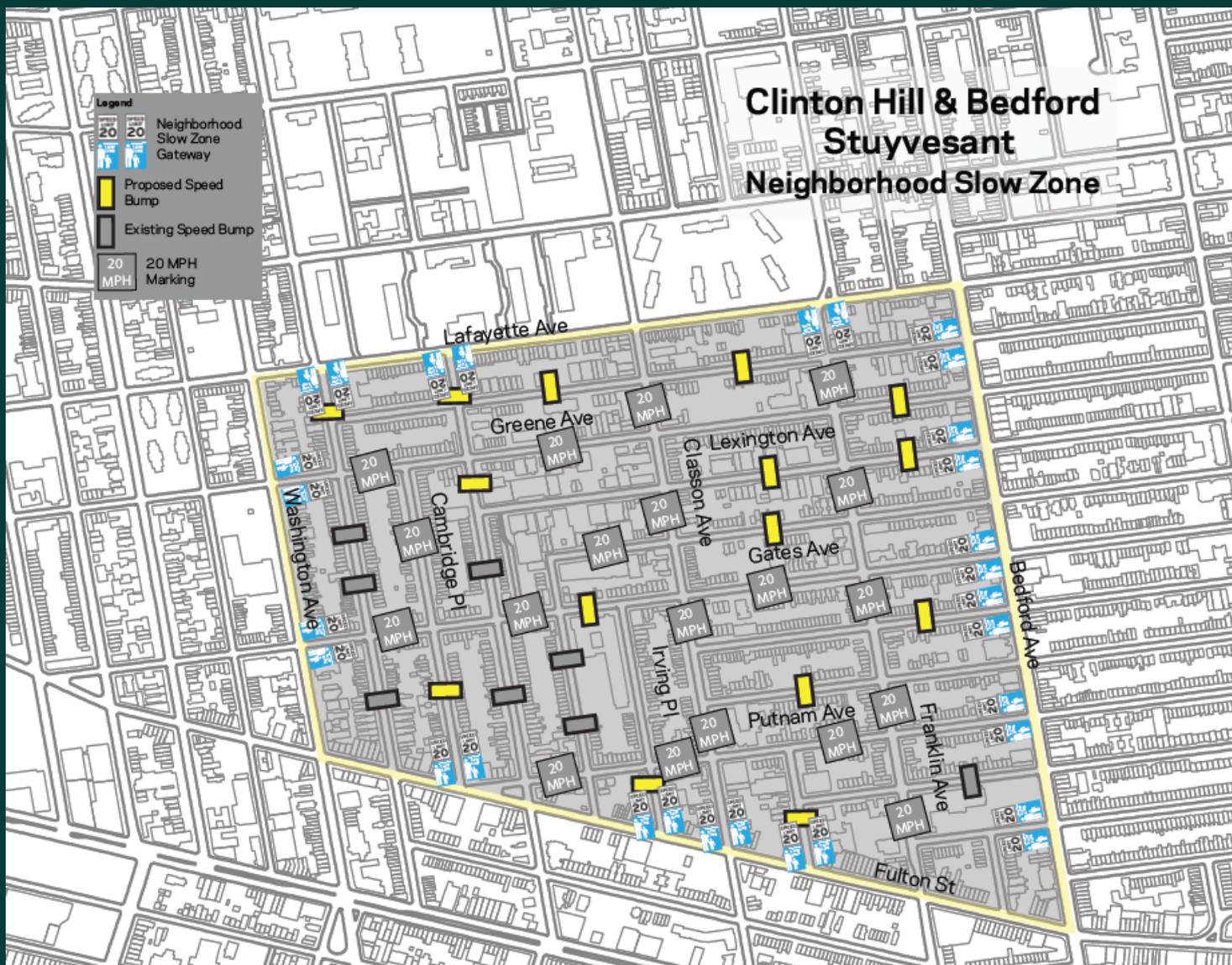
Proposed Slow Zone



Bedford Ave and Gates Ave

Proposed Slow Zone

- 15 **proposed** speed bumps
- 15 proposed gateways



Questions?

**Thank
You**