



Safe Streets for Seniors

South Beach, Staten Island



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Safe Streets for Seniors Program



Safe Streets for Seniors is a pedestrian safety initiative for older New Yorkers. The Safe Streets for Seniors program studies crash data, and then develops and implements mitigation measures to improve the safety of seniors and other pedestrians, as well as all road users in New York City.

Since launching the program in 2008, DOT has addressed senior pedestrian safety issues in 25 Senior Pedestrian Focus Areas (SPFAs) in the five boroughs. The SPFAs were selected based on the density of senior pedestrian (age 65+) crashes resulting in fatalities or severe injuries in a five-year period. Since the program began, annual senior pedestrian fatalities have decreased 9 percent citywide, from 58 senior fatalities in 2008 to 53 in 2014. Since 2009, 59 Street Improvement Projects (SIPs) have been implemented within the Senior Areas citywide. Analyzed together, these projects have produced an 11% decrease in total injuries, a 9% decrease in pedestrian crashes, and a 7% reduction in injury crashes.

In 2012-2013, DOT expanded the program to include 12 new areas. They were identified using a similar methodology as the original areas, but also involved new variables such as senior trip generators, concentrations of senior centers, and senior housing locations. DOT is evaluating pedestrian conditions in these neighborhoods from a senior's perspective and plans to make changes, such as extending pedestrian crossing times at crosswalks to accommodate slower walking speeds, constructing pedestrian safety islands, widening curbs and medians, narrowing roadways, and installing new stop controls and signals.

DOT Toolbox



Daylighting:

Better driver-pedestrian visibility



Countdown Signals:

Tell pedestrians how much more time they have to cross



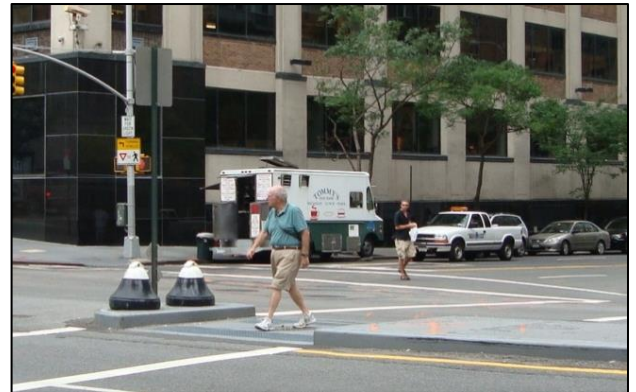
Signal Timing:

Can add more time to cross where possible



Pedestrian Refuge Islands:

Shortens crossings on wide streets, provides safer crossing



Road Diet:

Organizes traffic, less speeding

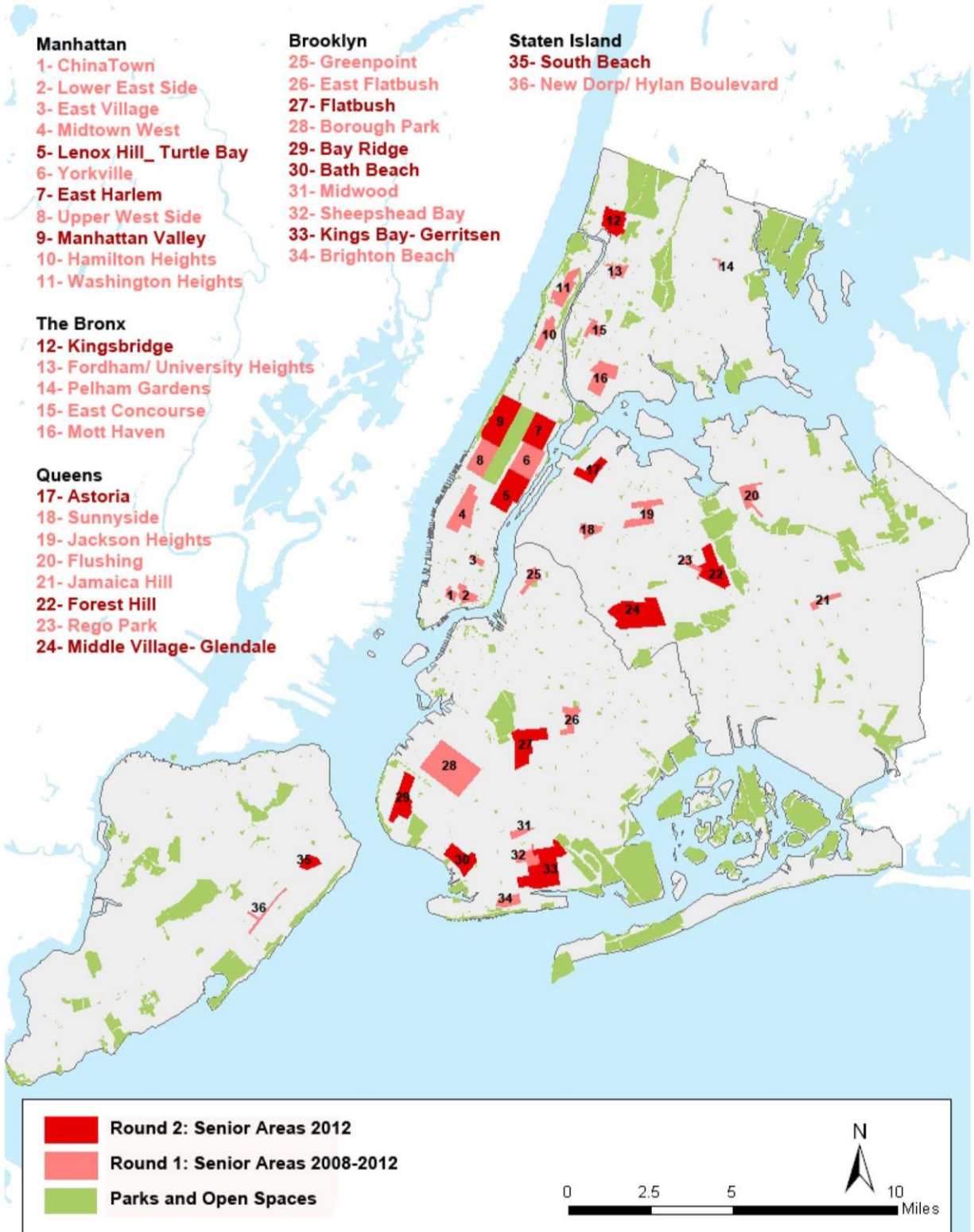


Sidewalk Extension:

Shortens crossing distance, slows turning cars



NYC Senior Areas





Senior Area Background

South Beach, Staten Island

Land Uses:

Residential Commercial, Industrial, Public Institutions, Open Space and Recreation

Senior Centers:

Arrochar Friendship Club Senior Center

New York City Housing Authority South Beach Senior Center

Schools:

PS 46 Albert V Maniscalco

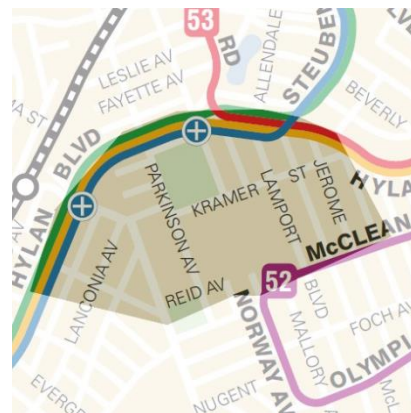
Holy Rosary Elementary School

Subways:

None

Bus Routes:

S52, S53, S78, S79, X1, X2, X3, X9

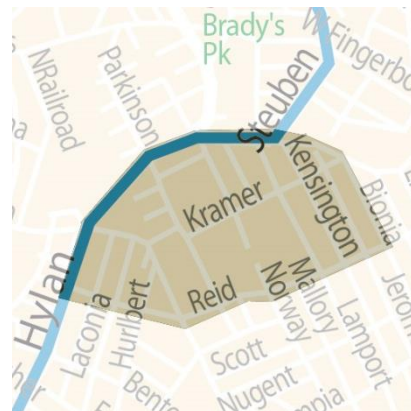
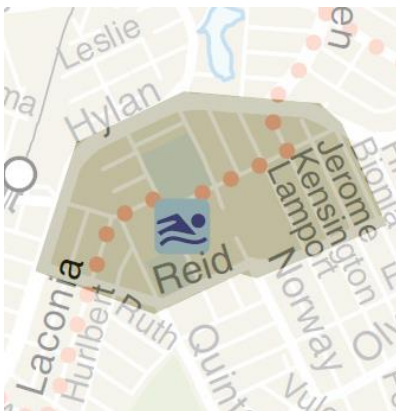


Bike Lanes:

None

Truck Routes:

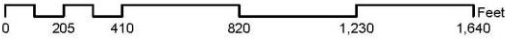
Hylan Blvd (local)



South Beach Senior Crashes Map

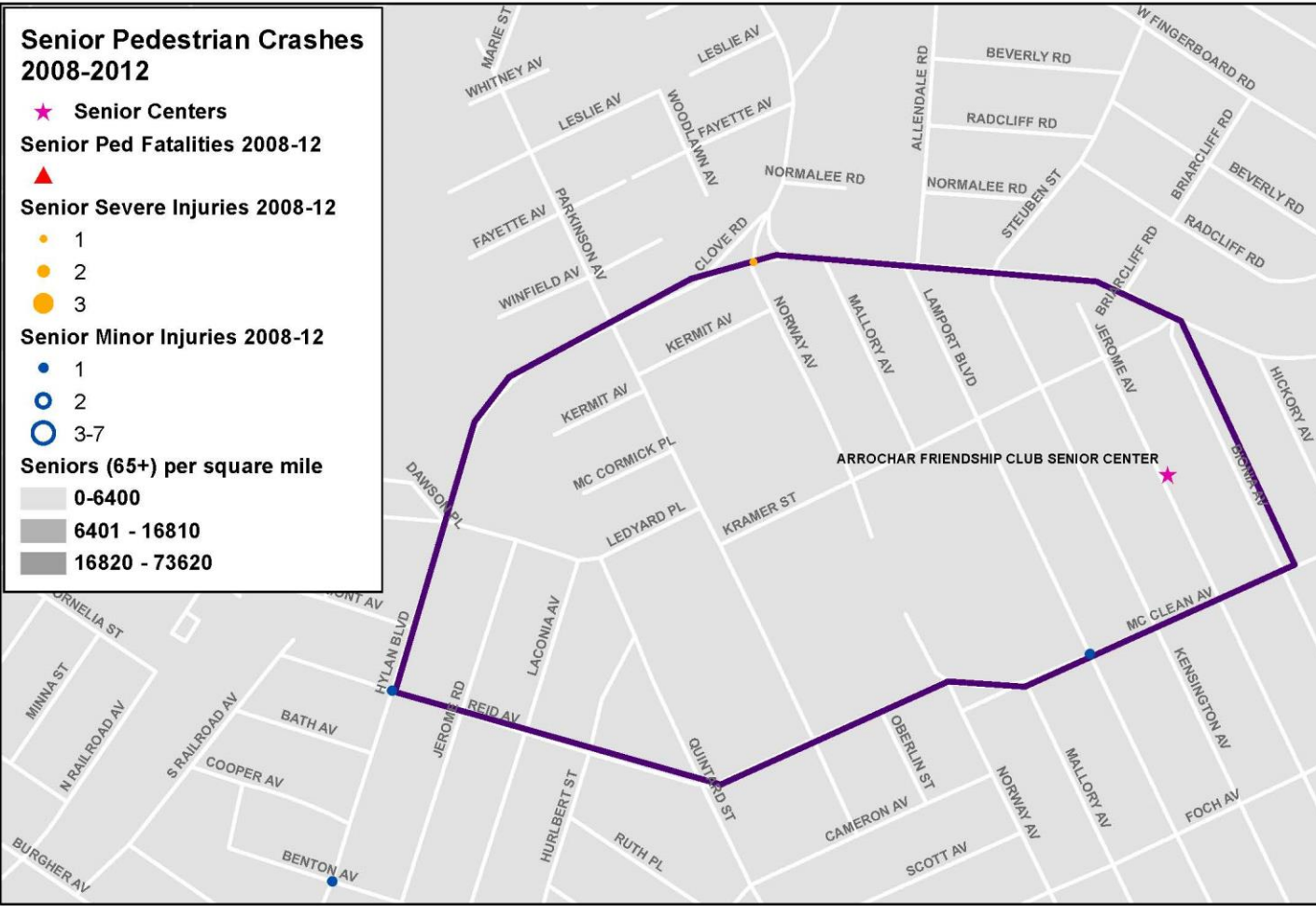


South Beach Senior Pedestrian Focus Area



Senior Pedestrian Crashes 2008-2012

- ★ Senior Centers
- ▲ Senior Ped Fatalities 2008-12
- Senior Severe Injuries 2008-12
 - 1
 - 2
 - 3
- Senior Minor Injuries 2008-12
 - 1
 - 2
 - 3-7
- Seniors (65+) per square mile
 - 0-6400
 - 6401 - 16810
 - 16820 - 73620



Senior Outreach and Concerns



South Beach, Staten Island

Senior Outreach:

DOT receives ideas and feedback in these study areas via presentations and workshops at senior centers and community boards. We have also partnered with NYC Department for the Aging, NYCDOT's Safety Education Team as well as other advocacy groups for seniors to coordinate outreach and share resources.

Senior Concerns:

- Blocks are too long along Hylan Blvd
- Not enough time to cross the street along Hylan Blvd
- Hylan Blvd and Clove Rd feels dangerous
- Missing sidewalks are an issue



Senior Center Outreach

Key Findings and Area-Wide Improvements



South Beach, Staten Island

Key Findings:

Hylan Boulevard

- 2 senior injuries along Hylan Boulevard between Reid Ave and Bionia Ave from 2008-2012

Reid and McClean Avenues

- 2 senior injuries along Reid and McClean Avenues between Hylan Blvd and Bionia Ave from 2008-2012

Area-Wide Improvements:

- Modified 6 signals in the area to accommodate slower walking speeds
- Added additional crossing time at 3 intersections in the area
- Installed countdown signals at 5 intersections in the area along Hylan Blvd
- Planned markings upgrades including new high-visibility and school crosswalks on Hylan Blvd and traffic calming markings on Reid Ave and McClean Ave





Senior Area Projects

Hylan Boulevard and Clove Road

Location:

- Primarily commercial land uses within a residential neighborhood
- Heavy vehicle and pedestrian volumes
- Seven bus lines and local truck route along corridor
- Pedestrians cross mid-block between Clove Rd and Steuben St to make bus transfers

Improvements:

- Installed pedestrian fence along Hylan Blvd from Clove Rd to Steuben St to prevent dangerous mid-block crossing

Benefits:

- Safer pedestrian crossing
- Reduces pedestrian/vehicular conflicts
- Improves road conditions for all users



Pedestrian fence on Hylan Blvd

Senior Area Projects



Hylan Boulevard and Clove Road



Before: Hylan Blvd at Clove Rd



After: Hylan Blvd at Clove Rd



Senior Area Projects

Reid Avenue and McClean Avenue

Location:

- Project limits: Hylan Blvd to Sand Ln
- Primarily residential area
- PS 46 and Holy Rosary Elementary School nearby
- Multiple bus stops for S52 bus along McClean Ave
- Road width varies along project corridor

Improvements:

- Install parking lane stripe to standardize moving lanes
- Install missing crosswalks
- Upgrade crosswalks to high visibility markings
- Implementation planned for Summer 2015

Benefits:

- Safer pedestrian crossing
- Reduces speeding / calms traffic



Existing conditions: Reid Ave