Safe Streets for Seniors
Sheepshead Bay
May 17, 2010
Community Board 15
Janette Sadik-Khan, Commissioner
Pedestrian Fatality History

- Since 1990 pedestrian fatalities in NYC have decreased by 58% from 366 to 155.

- Prior to 1950, pedestrians accounted for $\frac{3}{4}$ of traffic fatalities. Now the percentage has decreased to $\frac{1}{2}$. 
Senior Pedestrians

- 12% of the population in New York City are seniors
- 39% of pedestrian fatalities are seniors
Projected United States Population by Age

- Under 18 years:
  - 2010: 24%
  - 2020: 24%
  - 2030: 24%

- 18 to 64 years:
  - 2010: 63%
  - 2020: 60%
  - 2030: 57%

- 65 years and over:
  - 2010: 13%
  - 2020: 16%
  - 2030: 19%

Source: Population Division, U.S. Census Bureau
NYCDOT Response

- Developed DOT’s senior pedestrian safety program
- Designated “Senior Pedestrian Focus Areas” based on statistical analysis and mapping
- Initiated pilot projects in each borough
- Created aggressive timeline for remaining focus areas
New York City's Safe Streets for Seniors

2008 Pilot Areas

Phase 2 Areas
Project Process

- Area-wide safety audits
- Senior surveys
- Data collection and analysis
- Proposed improvement measures
- Community feedback
- Final recommendations
- Implementation
- Education outreach
Senior Pedestrian Issues

- Not enough time to cross the street
- Broken or missing pedestrian ramps
- Faded and hard-to-see markings
- Turning vehicles failing to yield
- Poor drainage or ponding in crosswalks
Summary of Improvements

- Time signals for slower walking speed
  - More crossing time at 32 of 40 signals in area
- Install high visibility crosswalks and advanced stop bars
  - 8 Locations
- Install Leading Pedestrian Intervals (LPIs)
  - Under study at 2 locations
- Refurbish markings
- Repair broken curbs and pedestrian ramps
Site Specific Improvements: In-House

- Install curb extensions at 2 locations
  - SE Corner of Ocean Ave and Avenue W
  - SW Corner of Ocean Ave and Gravesend Neck Rd

- Install Pedestrian Islands at 7 locations
  - N Crosswalk: Ocean Ave and Ave S (ban left)
  - S Crosswalk: Ocean Ave and Ave S (ban left)
  - S Crosswalk: Ocean Ave and Ave T (ban left)
  - N Crosswalk: Ocean Ave and Ave V
  - S Crosswalk: Ocean Ave and Gravesend Neck Rd
  - N Crosswalk: Ocean Ave and Ave W (ban left)
  - S Crosswalk: Ocean Ave and Ave W (ban left)
Neckdowns

Pedestrian Refuge Island
Site Specific Improvements: Capital

- Curb extensions proposed at 14 locations
  - NW Corner of Ocean Ave and Ave S
  - SE Corner of Ocean Ave and Ave S
  - NW Corner of Coney Island Ave and Ave T
  - NW Corner of Ocean Ave and Ave T
  - SE Corner of Ave T and Ocean Ave
  - NE Corner of Ave U and Coney Island Ave
  - SW Corner of Ave U and Coney Island Ave
  - NW Corner of Ocean Ave and Ave U
  - SE Corner of Ocean Ave and Ave U
  - SE Corner of Ave V and Ocean Ave
  - NW Corner of Ocean Ave and Ave V
  - SW Corner of Ocean Ave and Graves Neck Rd
  - NW Corner of Ocean Ave and Ave W
  - SE Corner of Ocean Ave and Ave W
Timeline

- Early Action Items
  - Signal timing (June 2009)

- In-House Concrete work
  - June-July 2010

- Capital Concrete Work
  - 2011-2012
Comments and Questions

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