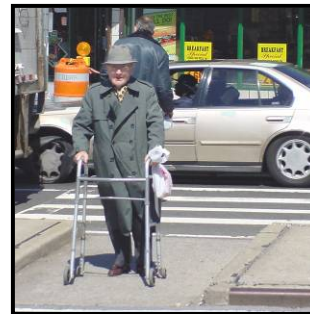
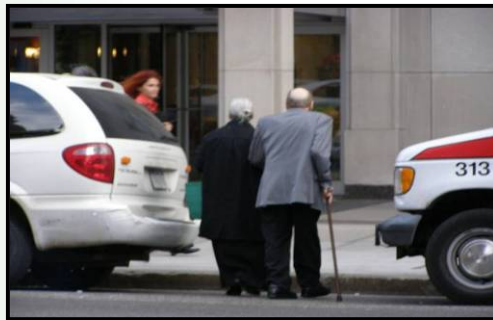


Safe Streets for Seniors Midwood

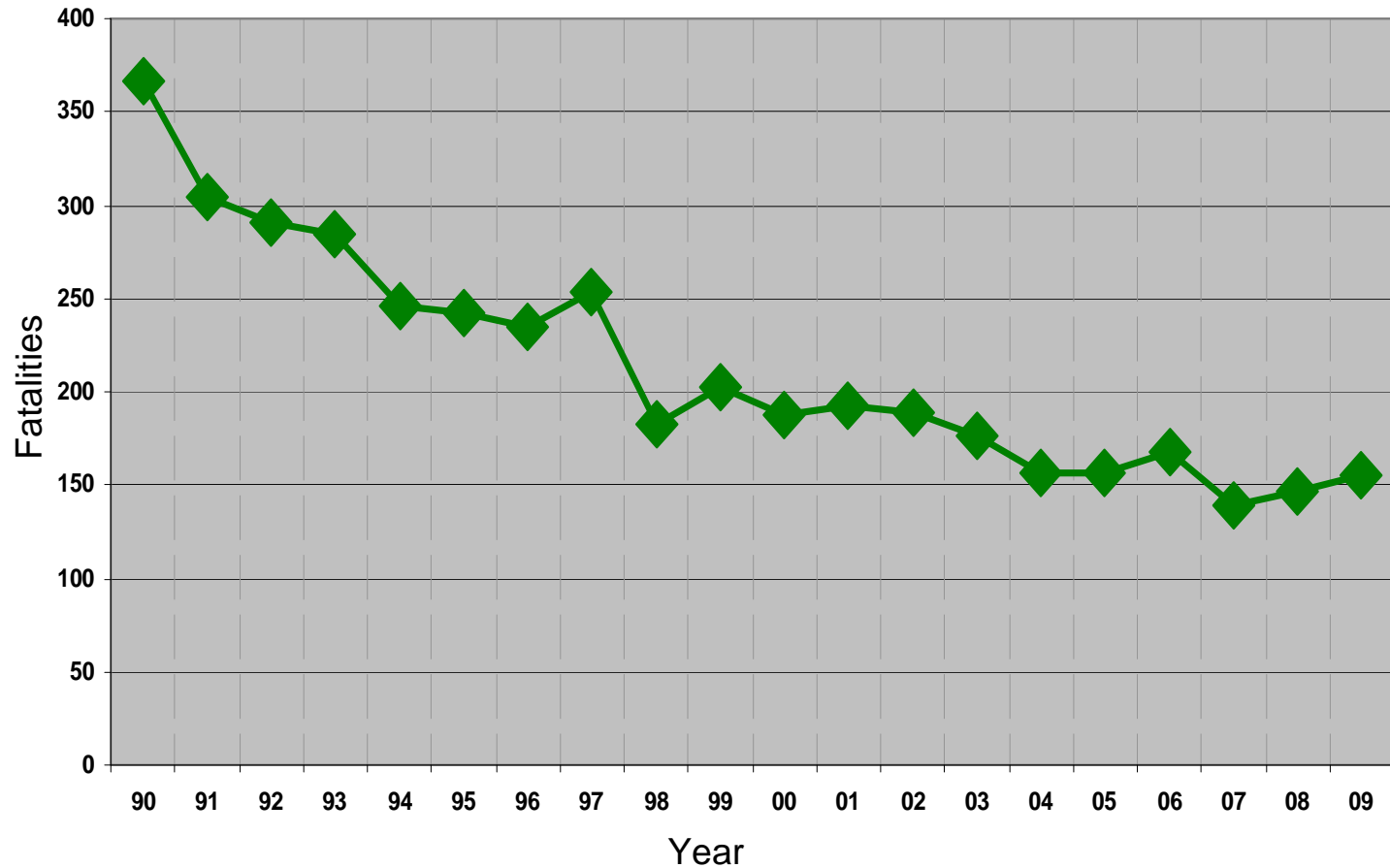
May 17, 2010
Community Board 15



Pedestrian Fatality History

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

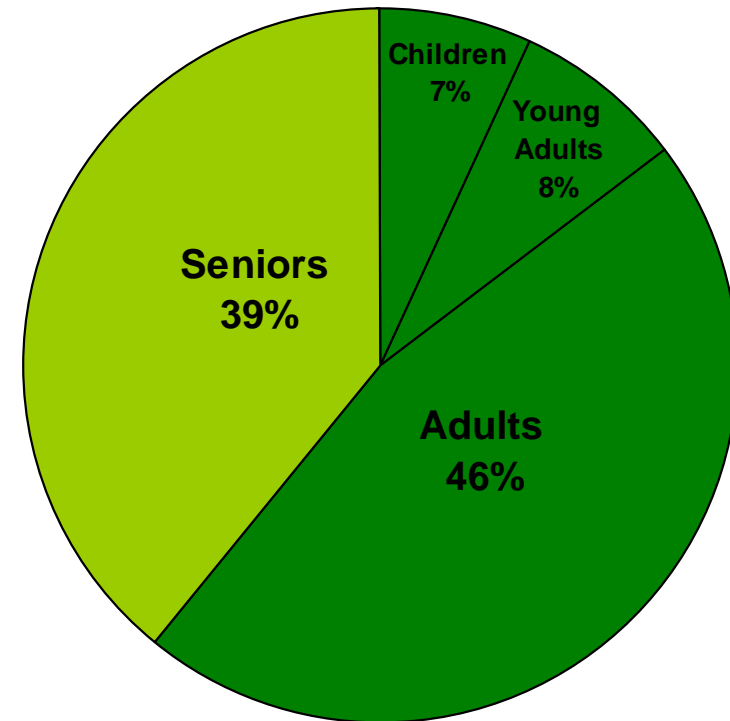
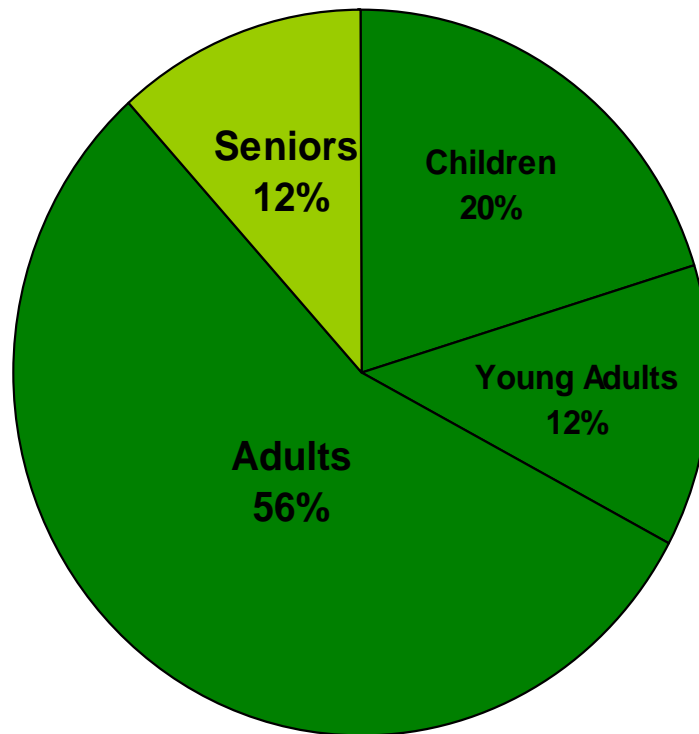
■ Prior to 1950, pedestrians accounted for $\frac{3}{4}$ of traffic fatalities. Now the percentage has decreased to $\frac{1}{2}$.



Senior Pedestrians

- 12% of the population in New York City are seniors

- 39% of pedestrian fatalities are seniors



Children (0-14)

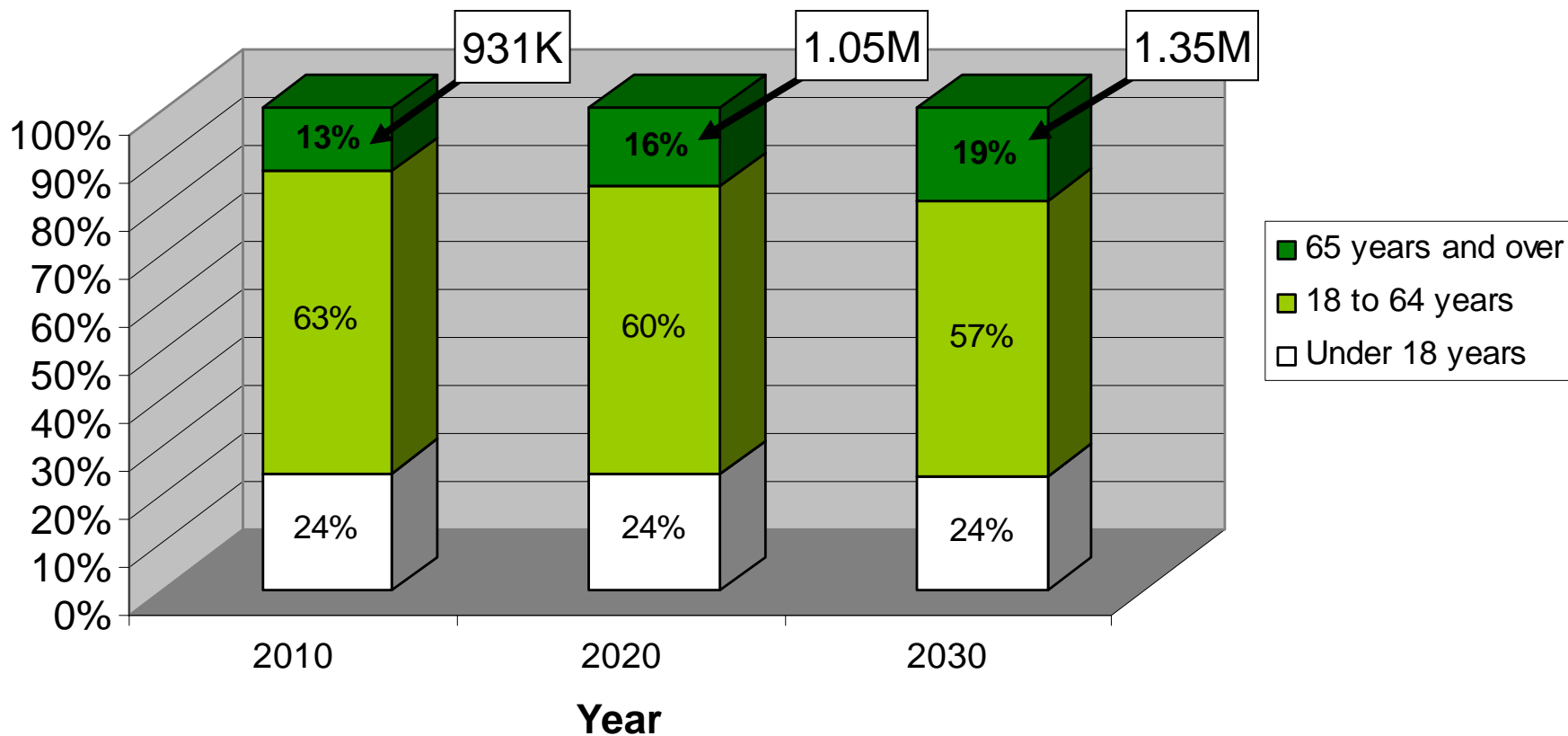
Young Adults (15-24)

Seniors (65+)

Adults (25-65)

Senior Citizen Population Trend

Projected United States Population by Age





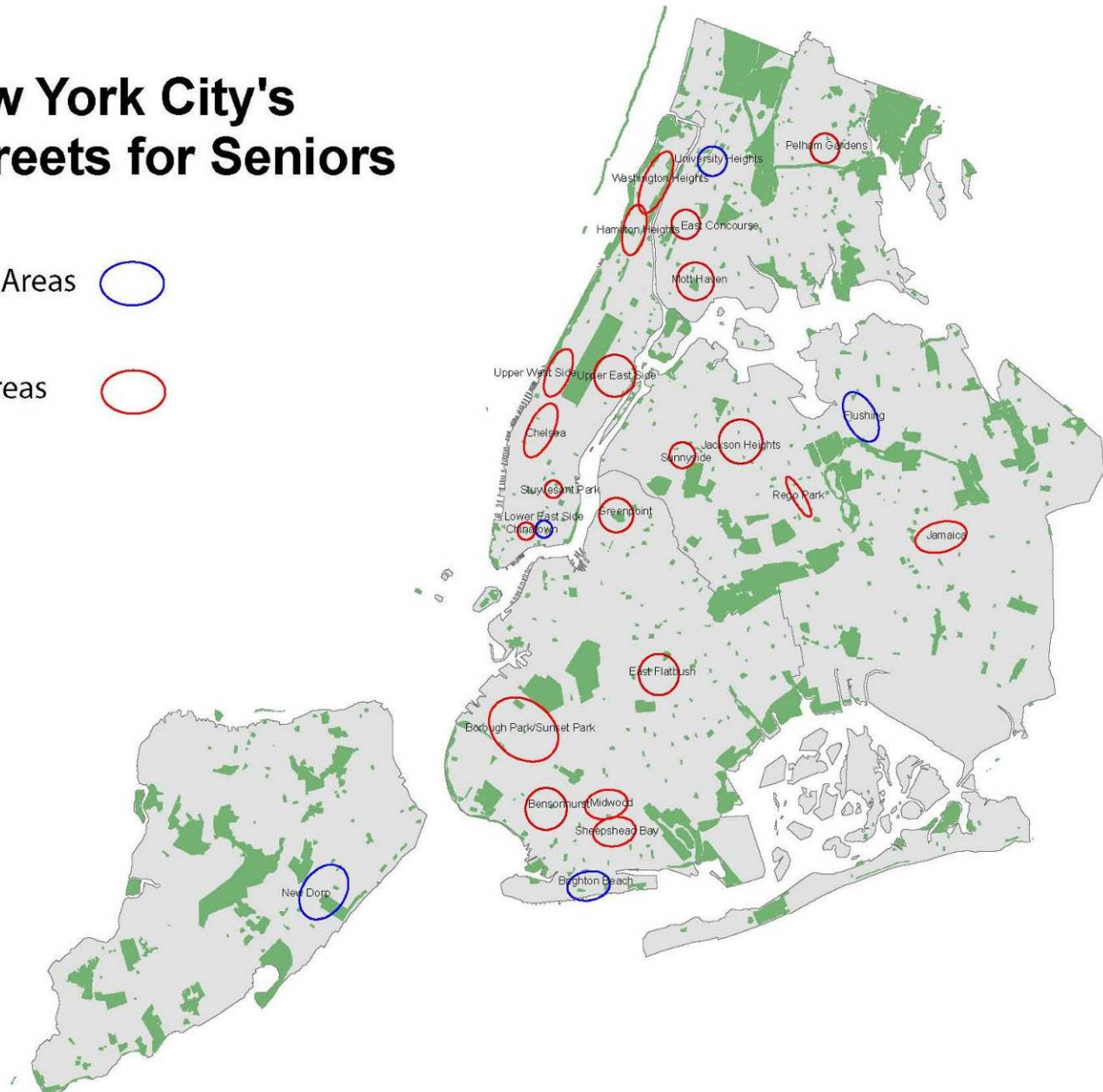
NYCDOT Response

- 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 



Brooklyn

Senior Pedestrian Crashes:
Brooklyn 2001-2006

▲ Fatalities
● Severe Injuries

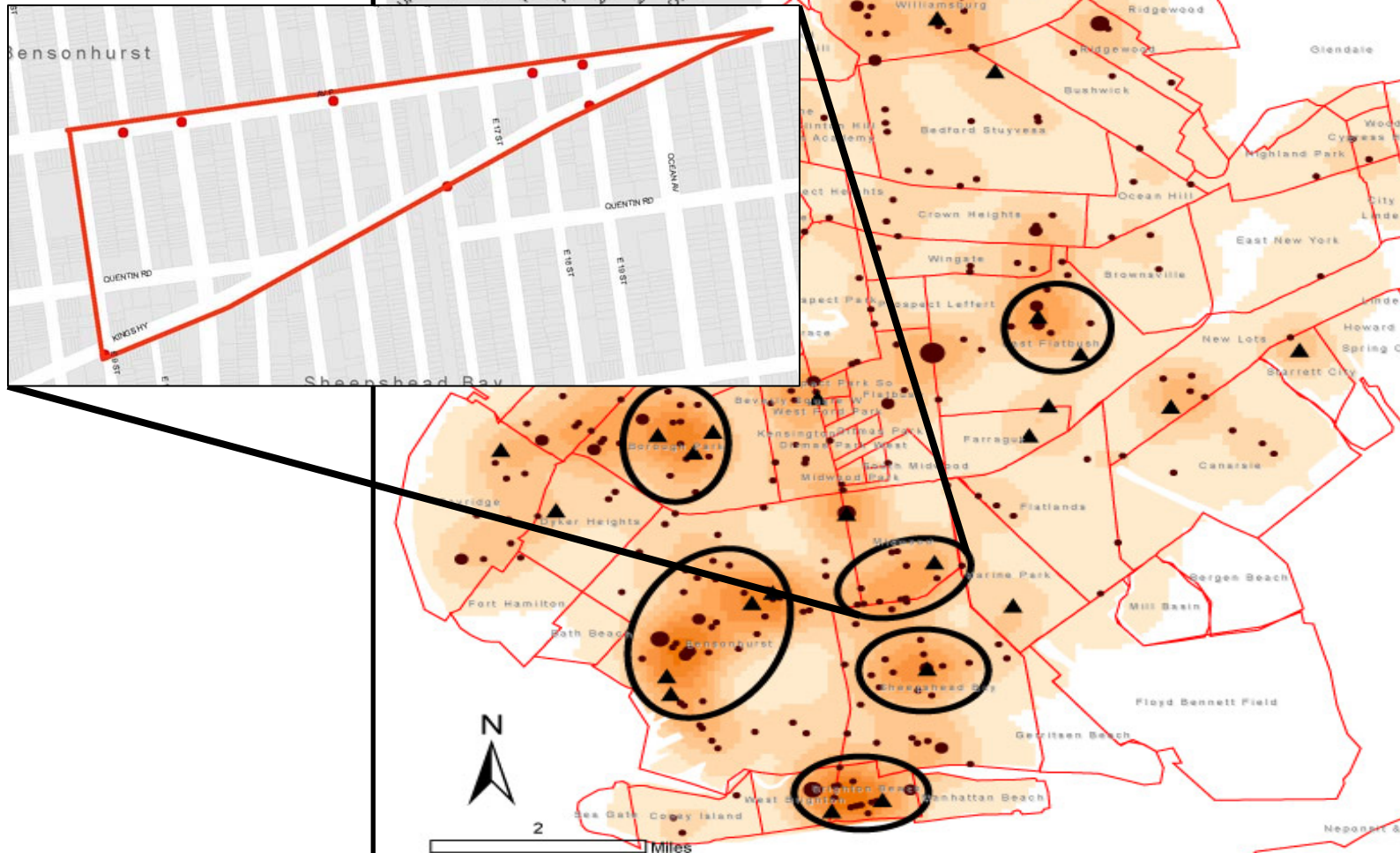


Neighborhoods

Kernel Density: Fatalities and Severe Injuries



Under 4 4-8 8-12 12-16 16-20 20-24 24-28 Over 28





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 15 of 25 signals in area
- Install high visibility crosswalks and advanced stop bars
 - 7 Locations
- Install Leading Pedestrian Intervals (LPIs)
 - Under study at 5 locations
- Refurbish markings
- Repair broken curbs and pedestrian ramps



Site Specific Improvements: Capital

- Curb extensions proposed at 5 locations
 - NE Corner of Quentin Rd and E 9th St
 - SE Corner of Quentin Rd and E 9th St
 - NE Corner of Kings Highway and E 9th St



Timeline

■ Early Action Items

- Signal timing (June 2009)
- Markings (Summer 2010)

■ Capital Concrete Work

- 2011-2012



Comments and Questions

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<http://www.nyc.gov/html/dot/html/sidewalks/safeseniors.shtml>