

Pelham Gardens Safe Streets for Seniors Program

Presentation to Bronx
Community Board 11



NYC Department of Transportation
Office of Traffic Planning
June 9, 2009

Pelham Gardens Senior Pedestrian Focus Area

- Allerton Avenue from Fish Avenue to Eastchester Road
- Eastchester Road from Allerton Avenue to Waring Avenue

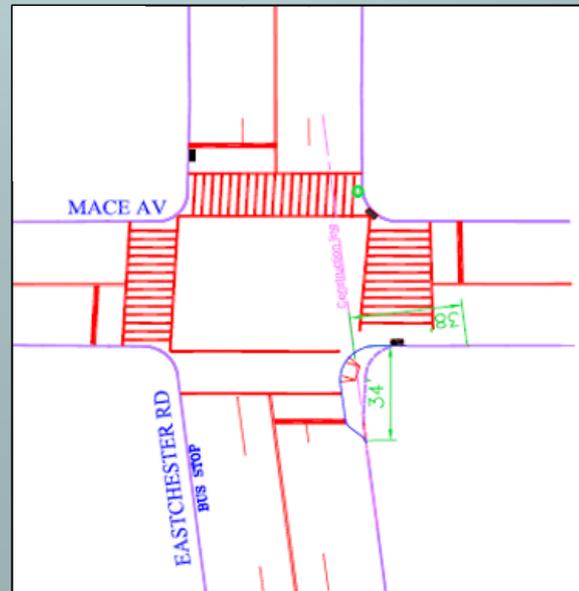


Pedestrian Safety Improvements

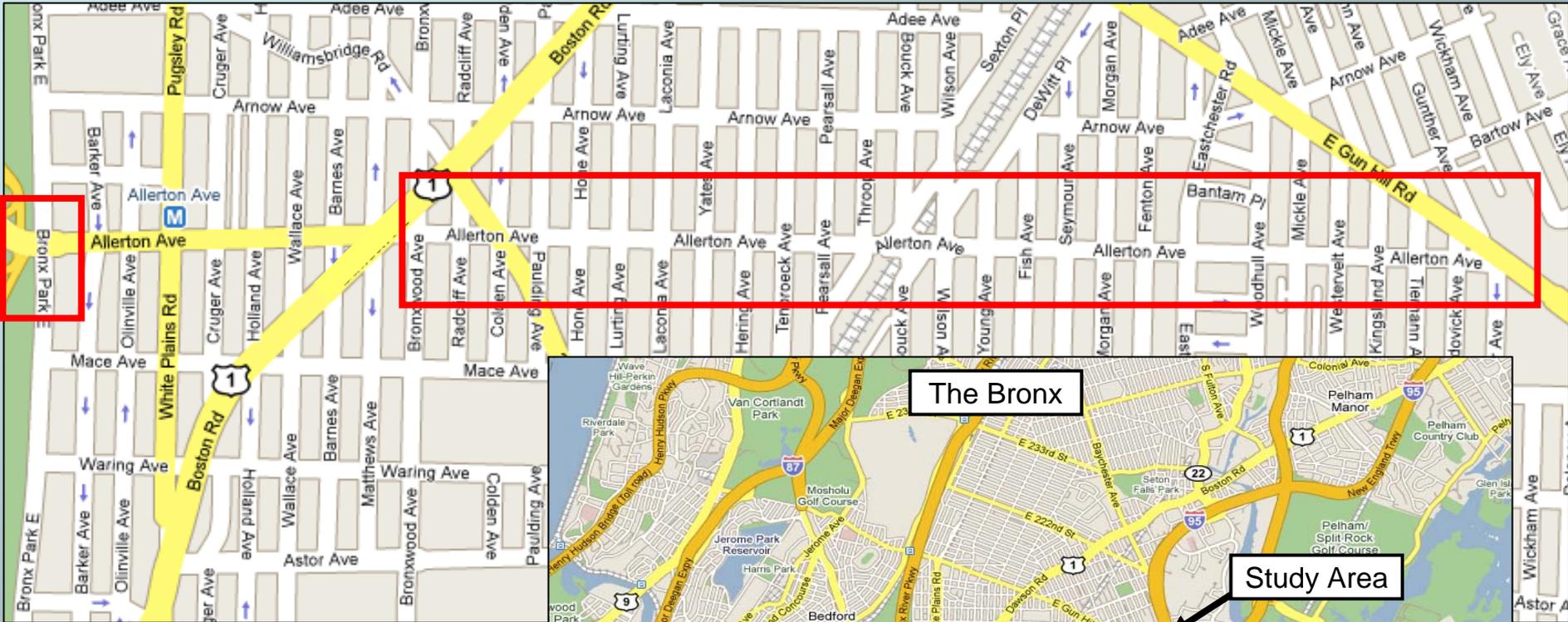
- Modify signals for 3ft/sec crossing time
 - Increased crossing time at all 5 intersections
 - March 2009
- Upgrade crosswalks to high visibility and install advanced stop bars
 - June 2009
- Narrow the roadway and install pedestrian refuge islands and sidewalk extensions to make crossings safer
 - Summer 2009

Eastchester Road Improvements

- Install sidewalk extensions at Mace Avenue and Waring Avenue
 - Shortens crossing distances
 - Slows turning vehicles

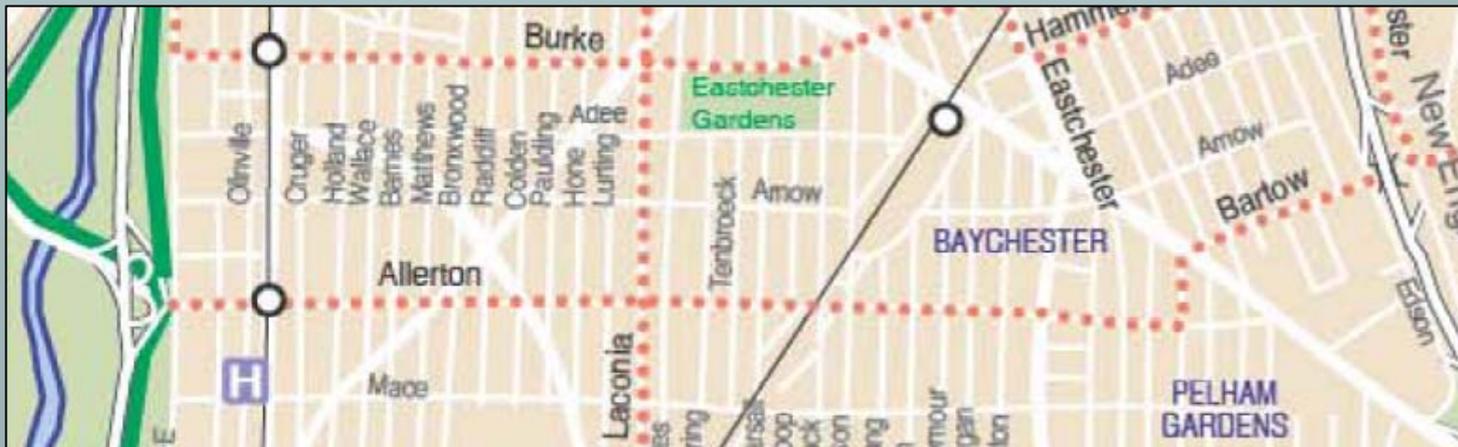


Allerton Project Area



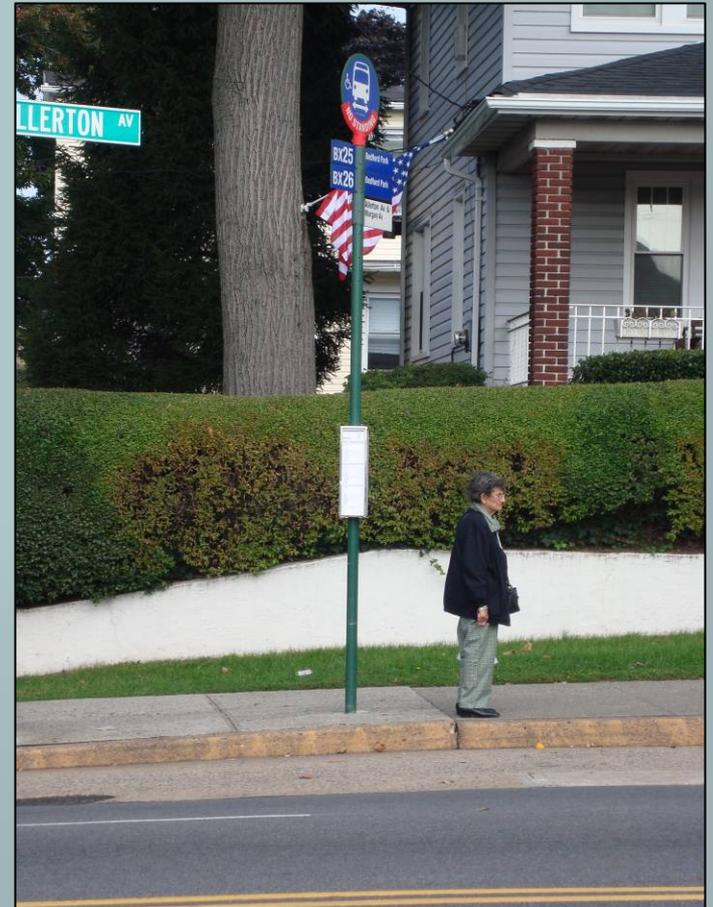
Allerton Traffic Calming Background

- Senior Pedestrian Focus Area
- Wide roadway with speeding and excess capacity
- Bike master plan route



Pedestrian Safety Issues

- Long crossing distances
- Speeding vehicles



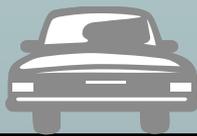
Speeding on Allerton

- 55% of vehicles were speeding
- Eastbound 85th percentile speeds as high as 40.2mph
- Westbound 85th percentile speeds as high as 38.0mph

Allerton - Existing Geometry



8' Parking Lane with Bus Stops

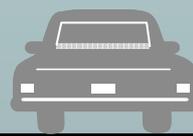


11' Moving Lane



11' Moving Lane

CENTERLINE



11' Moving Lane



11' Moving Lane

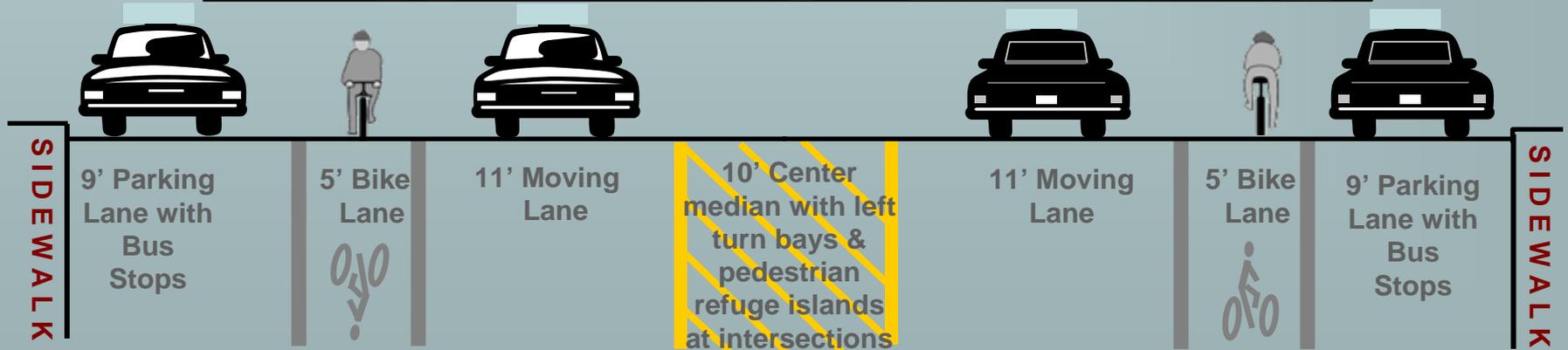


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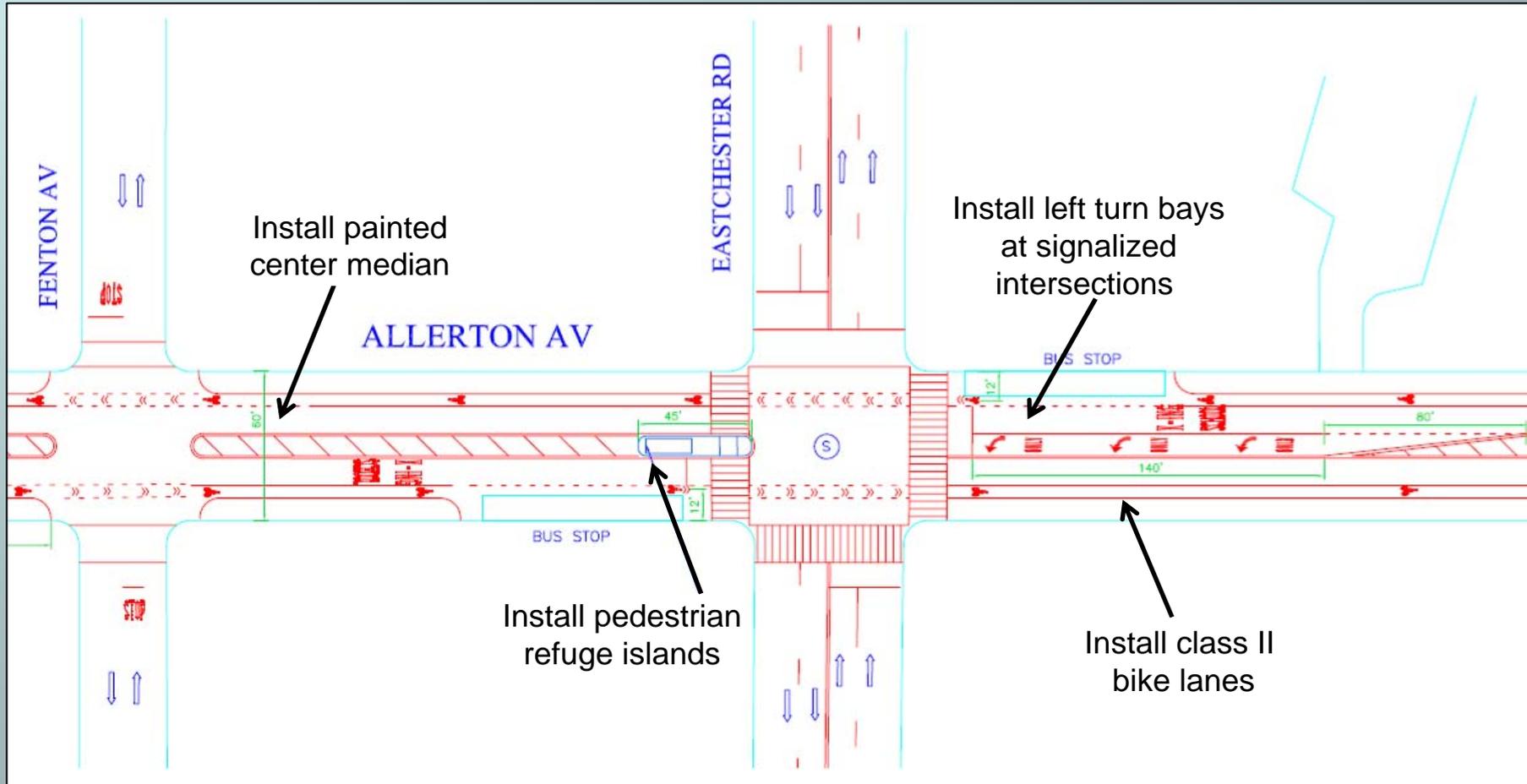
SIDEWALK

SIDEWALK

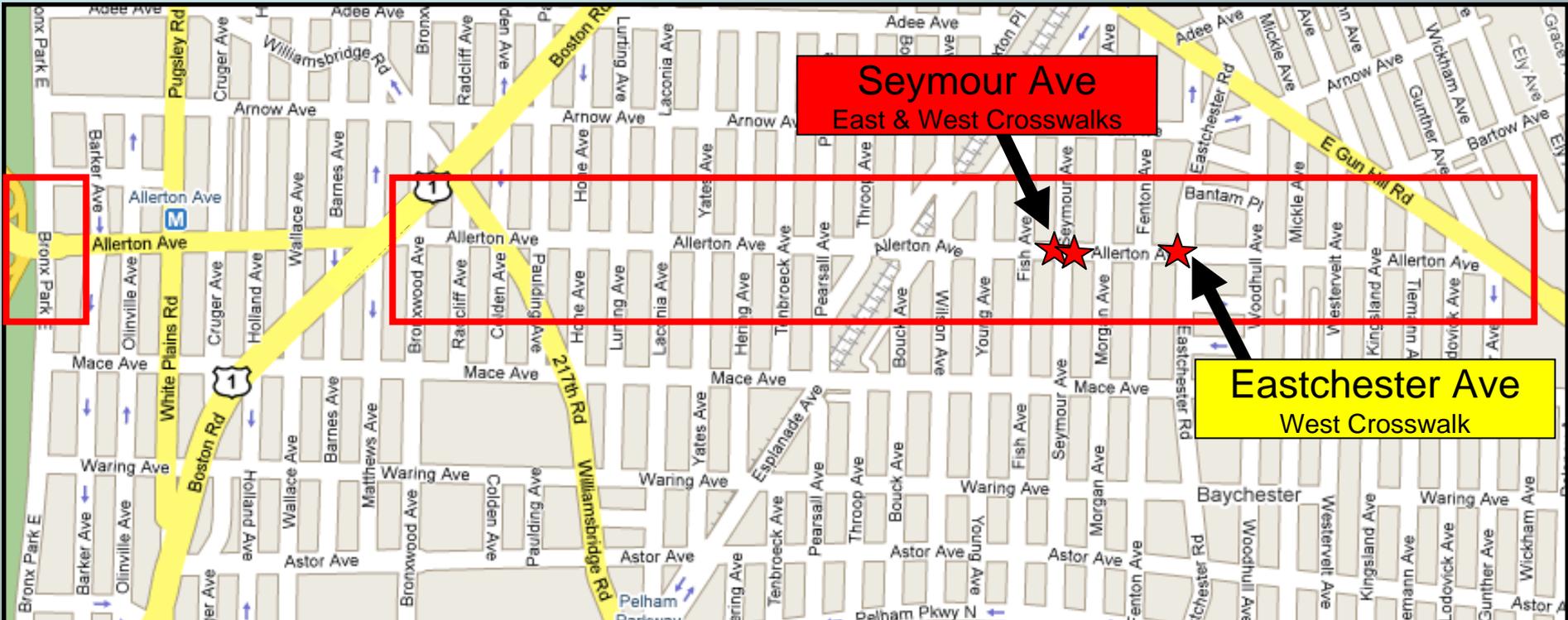
Allerton - Proposed Design



Allerton – Proposed Design



Pedestrian Refuge Islands



Left Turn Bays



Bike Lanes

- New bike lane from Boston Road to Kingsland Avenue



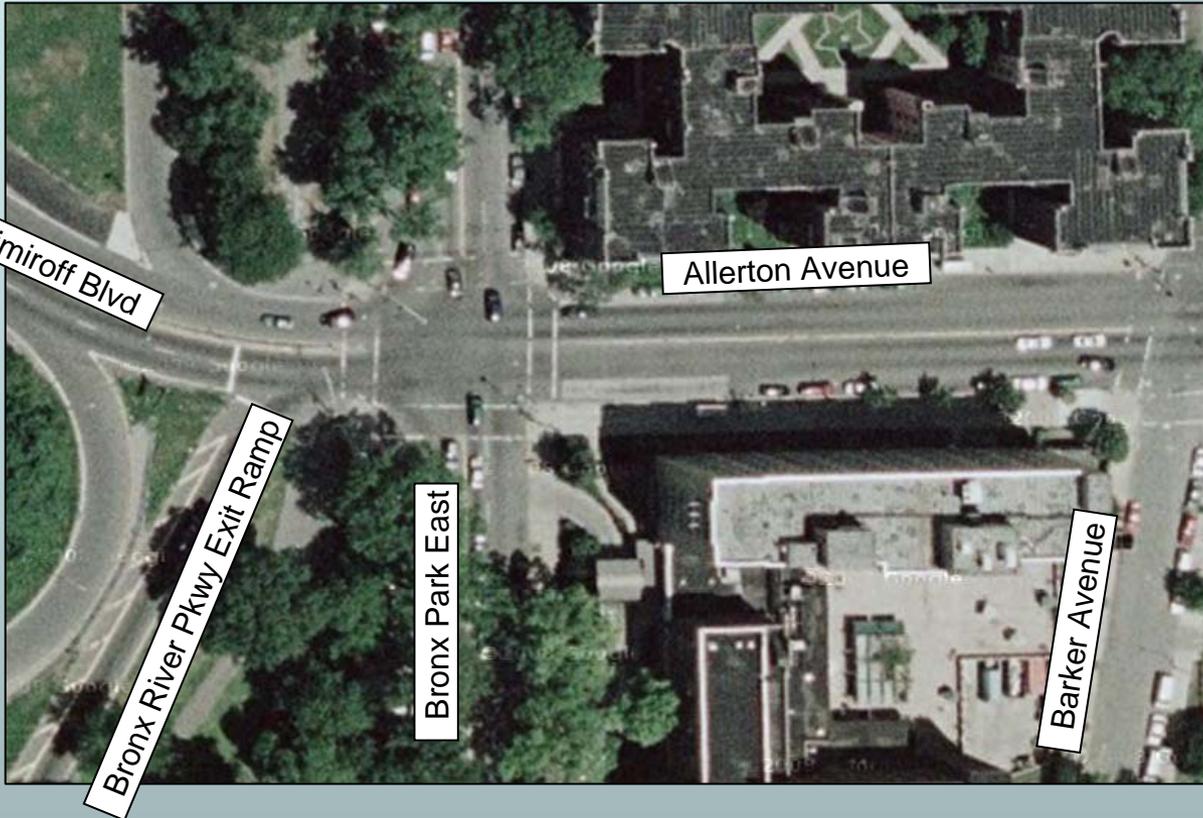
- Part of Bike Master Plan



- Provides connection to Bronx River Greenway



Bronx Park East Intersection

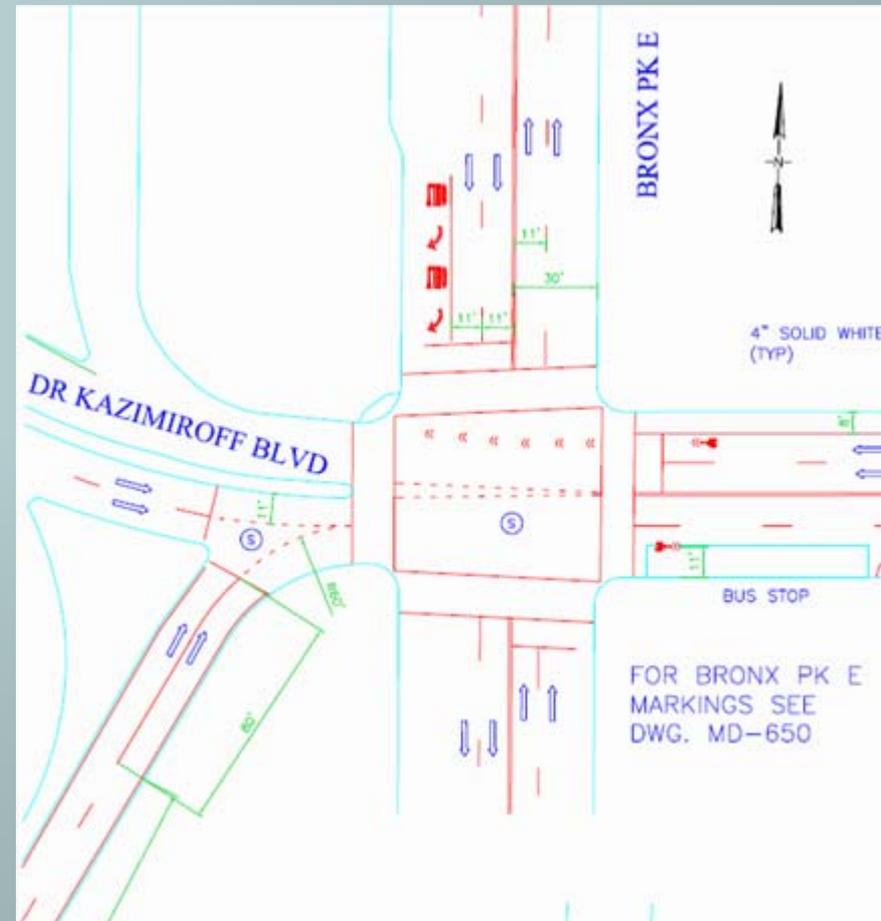


Issues

- Intersection LOS = E
- Queuing from Bronx River Pkwy Exit Ramp and Dr. Kazimiroff Blvd
- Heavy turn volumes

Bronx Park East Mitigation

- Widen exit ramp to 2 lanes approaching intersection to reduce queuing on Bronx River Parkway
- Give more green time to Dr. Kazimiroff Blvd
- Provide right turn lane for southbound Bronx Park East
- Install shared bike lane on Allerton Avenue from Bronx Park East to Olinville Avenue



Vanderbilt Avenue Traffic Calming Project (July 2008)

- Speeding
 - 21% decrease in average speeds
 - 64% decrease in number of speeders
- Crashes
 - 22% reduction in injuries since implementation



Clarendon Road Traffic Calming Project – July 2008

- Speeding
 - 20% decrease in average speeds
 - 50% decrease in number of speeders
- Crashes
 - 25% decrease in pedestrian crashes



Comments and Questions