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

The Bronx

Study 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
- 11' Moving Lane
- 11' Moving Lane
- 8' Parking Lane with Bus Stops
Allerton - Proposed Design

9' Parking Lane with Bus Stops
5' Bike Lane
11' Moving Lane
10' Center median with left turn bays & pedestrian refuge islands at intersections
11' Moving Lane
5' Bike Lane
9' Parking Lane with Bus Stops
Allerton – Proposed Design

- Install pedestrian refuge islands
- Install painted center median
- Install left turn bays at signalized intersections
- Install class II bike lanes
Pedestrian Refuge Islands

- Seymour Ave
  - East & West Crosswalks
- Eastchester Ave
  - West Crosswalk
Left Turn Bays

- Williamsbridge/Colden Ave
- Laconia Ave
- Wilson Ave
- Bronxwood Ave
- Hone Ave
- Thrope Ave
- Fish Ave
- Eastchester Ave
- Kingsland Ave
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