Longwood Avenue
Corridor Safety Improvements

Summer 2014

Commissioner Polly Trottenberg, New York City Department of Transportation
Presented by the Pedestrian Projects Group to Bronx CB 2 on June 11, 2014
Community Request

• March 2010 – Need for corridor improvements identified in community workshop

Crash Data

• Corridor ranking in the 10% of high crash corridors in the Bronx

• Major crash locations along Longwood Ave:
  • Bruckner Blvd
  • Southern Blvd (1 pedestrian fatality in 2010)
  • Westchester Ave & Prospect
Wide road with low traffic volumes

305 vehicles during PM peak southbound at Southern Blvd

Double parking and left-turning vehicles cause weaving of thru-traffic

Longwood Ave - Existing
Left-turn lanes and wide parking lanes reduce weaving behavior.
Bruckner Blvd – Existing

PM Peak (4-5P)
Jan 2013

Heavy turns
Bruckner Blvd - Proposed

- Left-turn only lane
- High visibility crosswalks
- Marked left turn, thru, and right turn only lanes

Crosswalks:
- Proposed no standing anytime
Westchester Ave - Existing

Complex six-leg intersection with heavy pedestrian traffic

Long crossings with columns obstructing visibility
Westchester Ave - Existing

Pedestrians crossing outside of crosswalk
Westchester Ave - Existing

Narrow islands for Westchester Ave bus stops not ADA accessible
Westchester Ave - Proposed

- High visibility crosswalks and shorter crossing distance
- New crosswalk
- Painted pedestrian space at subway entrances
- Widen concrete islands at bus stops
- Improve ADA accessibility
Hewitt Place - Existing

Eastbound lanes not aligned on Hewitt Pl

Soft right turn can be taken at higher speeds
Hewitt Pl - Existing

Long crossing and fast right-turns from Longwood Ave

Lanes not aligned with Hewitt Pl to the southwest
Hewitt Place - Proposed

- Safer right turn
- Shorter crossing distance
- Better alignment for eastbound vehicles
Expected Benefits

- Traffic calming
- Organized vehicle movements
- Shorter, safer pedestrian crossings
- Increased pedestrian space
- Improved bus stop access