86th Street Traffic Calming
Community Board 10 – March 14, 2012

Commissioner Janette Sadik-Khan, New York City Department of Transportation
Office of Research, Implementation and Safety
Need: Why 86th Street?

Safety:
- 4th and 3rd Aves = Tier 1 intersections in CB10 Ped Safe report
- Four schools along corridor

Crashes:
- 4th Ave & 86th St = High Pedestrian Crash Location (23 accidents and 1 fatality from 2006-10)
- High Crash Corridor (88th percentile for pedestrian injuries/mi)

Speeding:
- Over 45% of vehicles exceed speed limit
Crash Details

36% of ped crashes: Peds crossing with signal

Turning vehicle failure-to-yield

32% of ped crashes: Peds crossing midblock

Wide streets with no safety refuge

Rear-ending and overtaking were 40% of vehicle crashes

Speeding and unsafe lane-changes
Focused Solutions

Remove one travel lane in each direction (Shore Rd to 4th Ave)

Install painted center median (10’) with left turn bays

Add wide parking lane stripe (14’)

Upgrade crosswalks

Ban NB left turn from 4th onto 86th St
Proposal Details: NB left turn ban

- Peak NB left turns at 86th St = 34 (~ 1 per signal cycle)
- Vehicles have option of turning left at 87th or 84th Street
- Removes left turn from most skewed part of intersection and makes intersection safer for crossing
Proposal: Example

Install left turn bays and painted medians
Separates left turns and better organizes traffic
Safer midblock crossings for peds
Install wide 14’ parking lane stripe
Keeps travel lane clear of double parking

Example configuration: Gerritsen Ave, Brooklyn
Proposal: Benefits

- Reduces speeding and calms traffic
- Reduces vehicle/pedestrian conflict
- Provides safer pedestrian crossings
- Better manages traffic flow
- Provides footprint for future capital project

Speeding reduced by 60%

Injuries decreased by 49% (peds by 19%)

Example configuration: Gerritsen and Avenue T, Brooklyn

86th Street and 3rd Ave, looking west towards Ridge Blvd

Poly Place, Brooklyn
Questions?

Contact: Brooklyn Borough Commissioner’s office at (718) 222-7273 or cworkman@dot.nyc.gov