

86th Street

Traffic Calming

Community Board 10 – March 14, 2012

2012



Commissioner Janette Sadik-Khan, New York City Department of Transportation
Office of Research, Implementation and Safety



Need: Why 86th Street?

Safety:

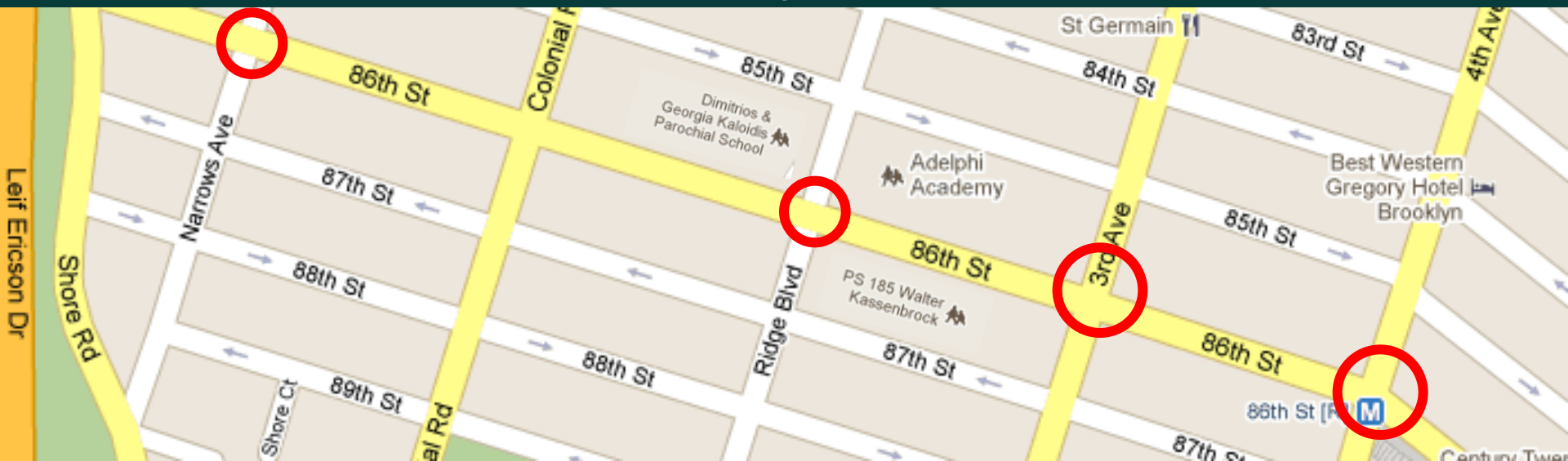
- 4th and 3rd Aves = Tier 1 intersections in CB10 Ped Safe report
- Four schools along corridor

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

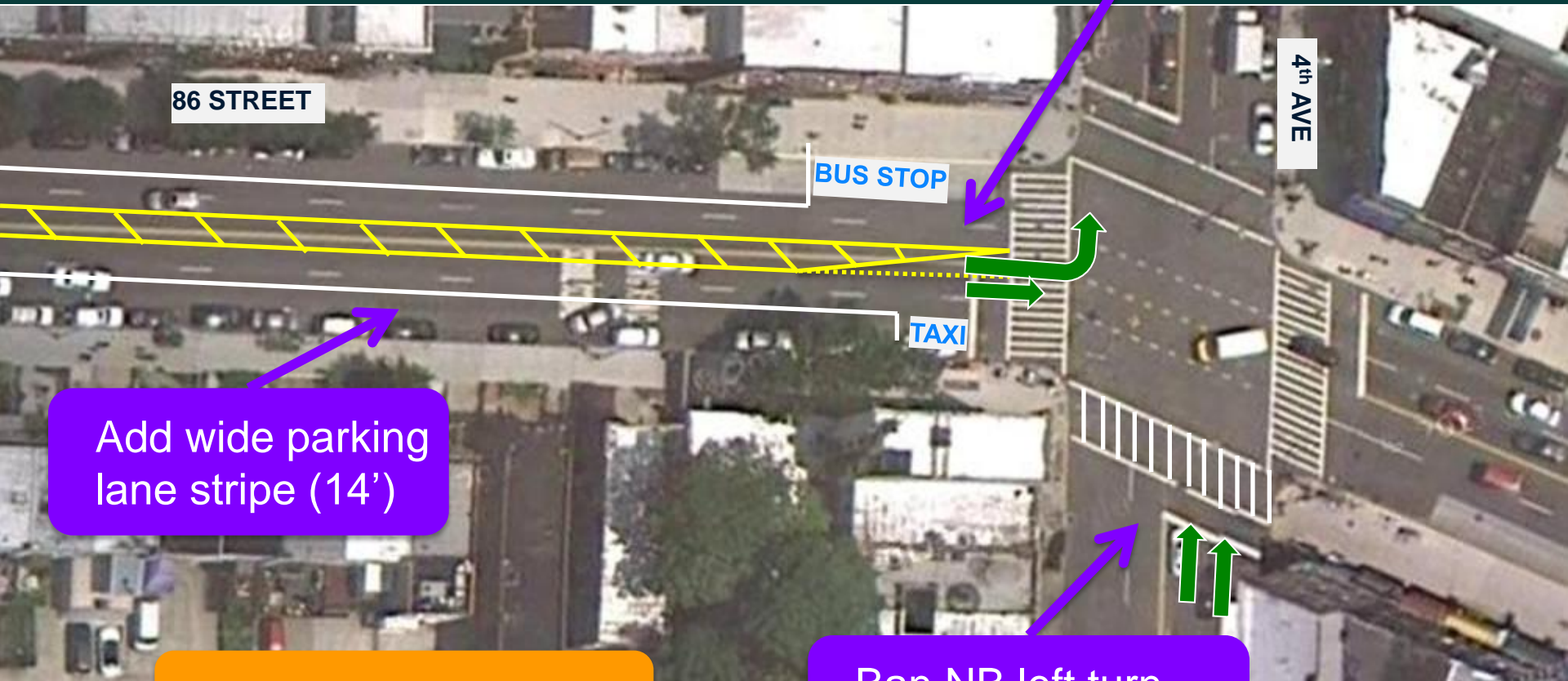
Speeding and
unsafe lane-changes



Focused Solutions

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

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

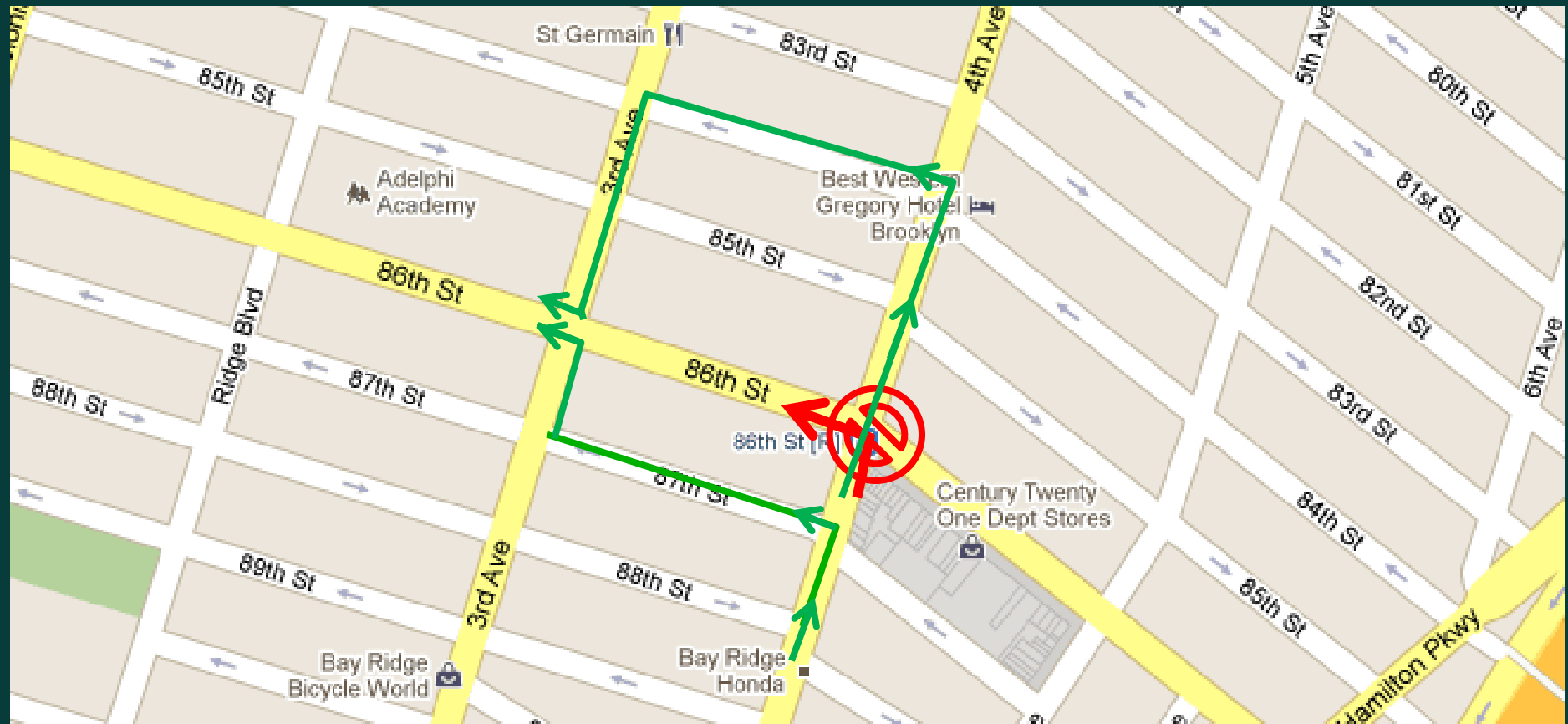


Add wide parking lane stripe (14')

Upgrade crosswalks

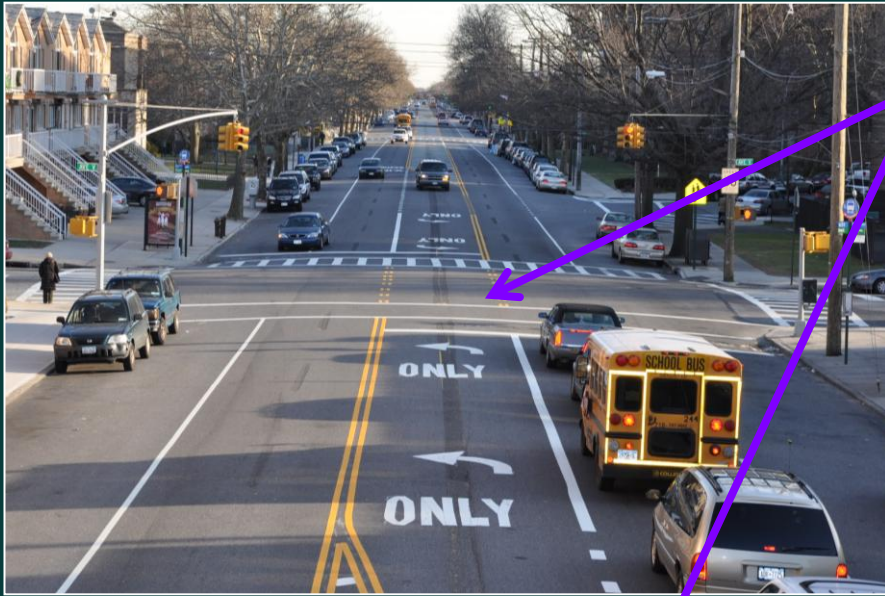
Ban NB left turn from 4th onto 86th St

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

Proposal: Benefits

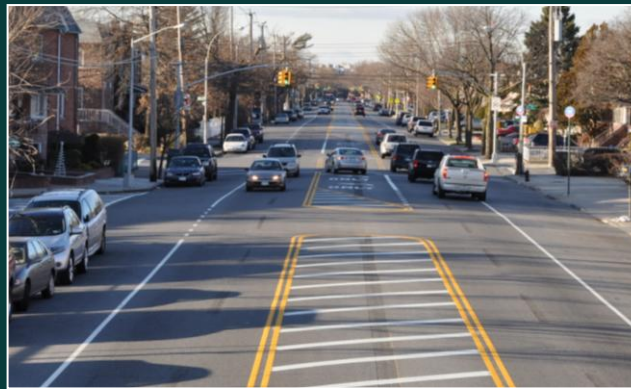
- Reduces speeding and calms traffic
- Reduces vehicle/pedestrian conflict
- Provides safer pedestrian crossings
- Better manages traffic flow
- Provides footprint for future capital project

Speeding
reduced by 60%

Injuries decreased by
49% (peds by 19%)



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



Example configuration: Gerritsen
and Avenue T, Brooklyn



Poly Place, Brooklyn



Questions?



Thank
You

Contact: Brooklyn Borough Commissioner's office at (718) 222-7273 or
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