

East 180th St

Corridor Traffic Calming

2010



Existing Conditions



East 180th St and Arthur Ave, facing east

- Excess road width encourages speeding
- Low volumes encourage jaywalking
- Faintly marked lanes and lack of left turn lanes make intersections confusing



East 180th St and Park Ave, facing east

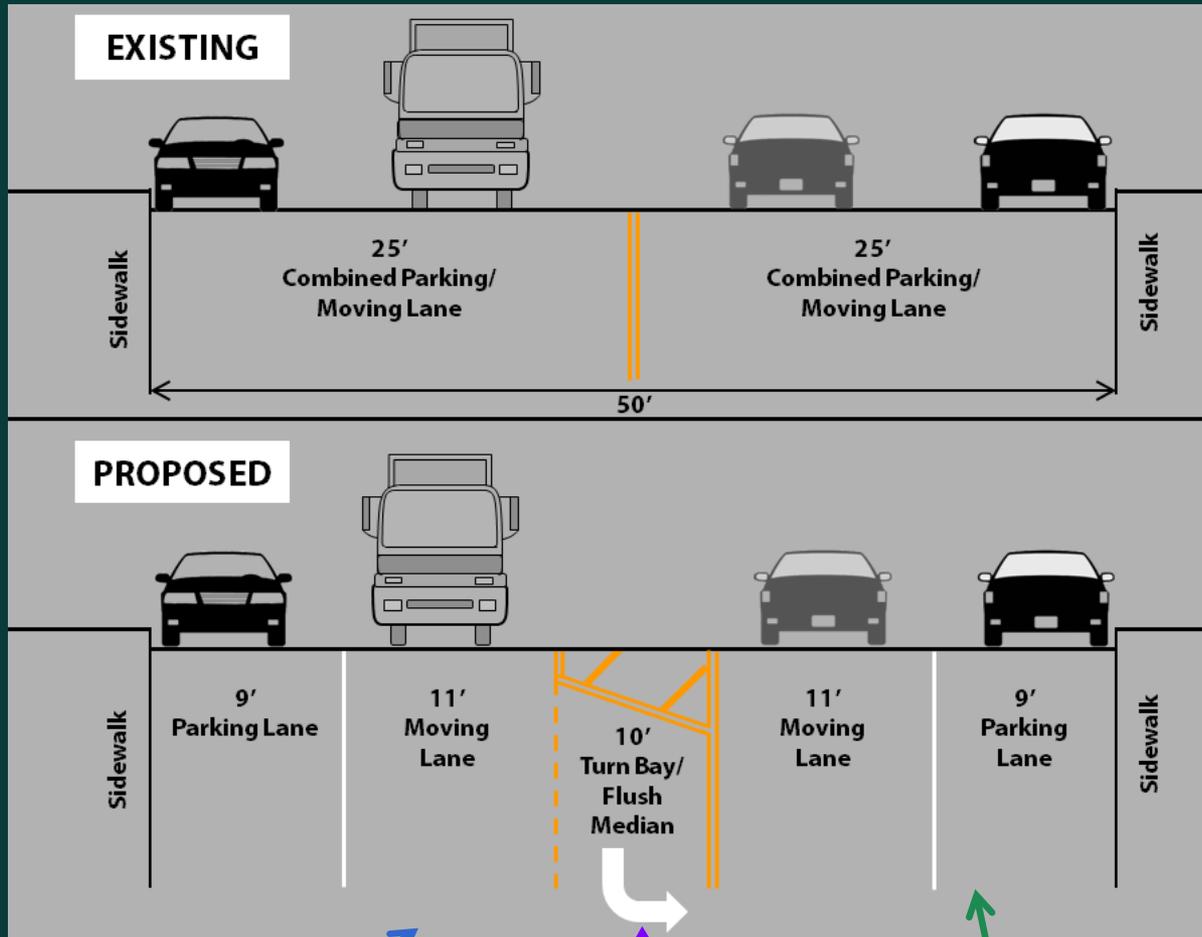
East 180th St (Webster Av to Boston Rd) 2004-2008

	Total Injuries	Avg Inj/Yr	Avg Inj/Mile/Yr
Pedestrian	77	15.4	12.4
Bicyclist	11	2.2	1.8
Motor Vehicle Occupant	375	75	60.4
Total Injuries	463	92.6	74.5

Severity-Weighted Injuries Per Mile Ranking:
95th Percentile of Bronx Corridors

2 fatalities: 1 bicyclist E180/Park Ave (2005),
 1 pedestrian E180/3rd Ave (2004)

Proposal



One moving lane in each direction

Left turn bays, painted median,

Striped parking lanes

Proposal

Pedestrian Refuge Island

Empire Blvd



Install flush center medians with **20 new left turn bays**



Before

Precedent: Laconia Avenue



Before

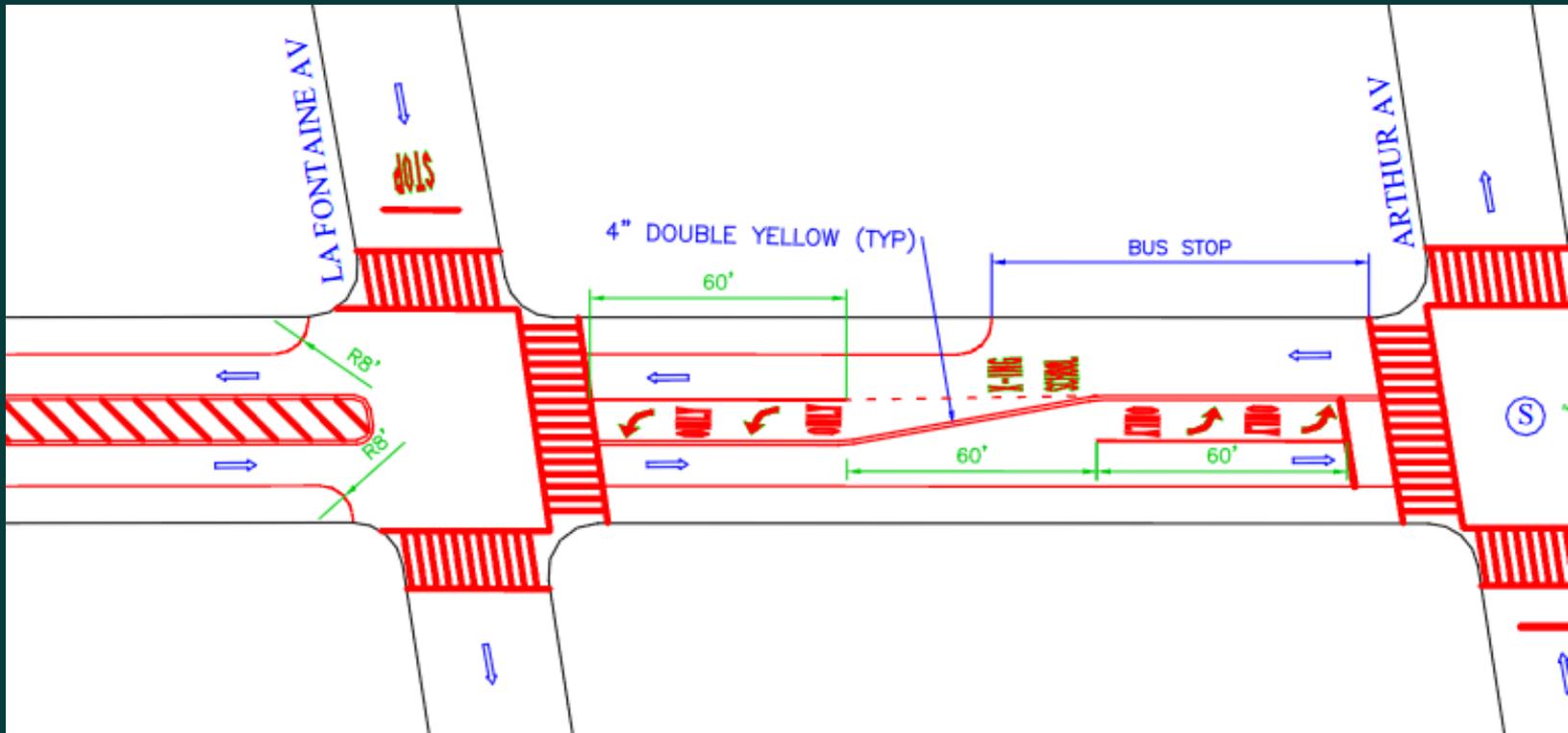
After

Benefits

- Narrower road reduces speeding
- Left turn bays ensure free flowing traffic
- Pedestrian islands facilitate safer crossings
- Trees and landscaping green center median
- All parking spaces conserved

Similar projects experienced fewer pedestrian crashes 1st year:

- Chrystie St (M): -34%
- Allerton Ave (Bx): -100%



Next Steps

- Final Design
- Implementation Concurrent with repaving
 - September/October 2010

Questions?

Thank
You