Project Background

- E 180th St ranks 5th in the Bronx for crashes per mile
- 19 serious crashes involving pedestrians between 2004-2008 (8 between 3rd and Webster Avenues)
Existing Conditions

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

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

Proposal

EXISTING

- 25’ Combined Parking/Moving Lane
- 25’ Combined Parking/Moving Lane
- 50’

PROPOSED

- 9’ Parking Lane
- 11’ Moving Lane
- 10’ Turn Bay/Flush Median
- 11’ Moving Lane
- 9’ Parking Lane

- One moving lane in each direction
- Left turn bays, painted median,
- Striped parking lanes
Proposal

Install flush center medians with 20 new left turn bays
Precedent: Laconia Avenue
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