Background

- Continuing upon community requested 2014 and 2015 projects from Unionport Rd to Ericson Pl
- Pedestrian fatality at E. Tremont Ave at Van Nest Ave in 2014
Safety Data

235 Total Motor Vehicle Injuries
30 Total Pedestrian Injuries
6 Total Bicycle Injuries

Injuries (all types) 2010-2014
Fatality or Serious Injury 2010-2014

E. Tremont Ave is a Vision Zero Corridor
**Speed Study**
(Conducted at time of school dismissal)
- 69% Above speed limit - 25mph
- 30% Above 30 mph
- 10% Above 35 mph
Existing Cross Section

Existing Road Profile

24’ Travel/ Parking Lane
11’ Travel Lane
11’ Travel Lane
24’ Travel/ Parking Lane

70’
Proposed Cross Section

Existing Road Profile

- 24’ Travel/Parking Lane
- 11’ Travel Lane
- 11’ Travel Lane
- 24’ Travel/Parking Lane
- 70’

Proposed Road Profile

- 8’ Parking Lane
- 11’ Travel Lane
- 11’ Travel Lane
- 8’ Planted Pedestrian Island
- 11’ Travel Lane
- 11’ Travel Lane
- 8’ Parking Lane
- 70’

No lane removals
Existing: White Plains to Unionport

Narrow medians do not extend through crosswalks

Misaligned pedestrian cut-through
Existing: White Plains to Unionport

Long crossing distances
Proposed: White Plains to Unionport

- Landscaped pedestrian islands & neckdown
- Shortens crossings and calms speeding traffic
Proposed: White Plains to Unionport

Add Left turn lane onto White Plains Rd
Proposed: White Plains to Unionport
Existing: Beach/Taylor Avenues

Wide intersection with missing crosswalk
Existing: Beach/Taylor Avenues

Broken sidewalk
Existing: Beach/Taylor Avenues

- Duplicate movements
- Creates unclear movements & excessive conflicts
Proposed: Beach/Taylor Avenues

New crosswalk

Landscaped pedestrian islands
Proposed: Beach/Taylor Avenues

Rebuild & widen broken sidewalk
Proposed: Beach/Taylor Avenues

Reverse Taylor to One-Way northbound

Creates predictable turns
Proposed: Beach/Taylor Avenues
Existing: E180th/Bronx River Ave

Limited visibility around road bend
Existing: E180th/Bronx River Ave

- Long crossing distances
- Pedestrian desire line

72'
Existing: E180th/Bronx River Ave

Unnecessary turn bays
Proposed: E180th/Bronx River Ave

Restrict 2 low volume turns
Proposed: E180th/Bronx River Ave

- Landscaped Medians/Islands
- Add trees to existing large triangle
Proposed: E180th/Bronx River Ave

- Extend sidewalk & island to shorten crossing
Proposed: E180th/Bronx River Ave

- Investigate signal & crosswalk
- Create right turn at slip lane
Proposed: E180th/Bronx River Ave
Project Benefits

• Reduce speeding / calms traffic
• Improve pedestrian access
• Reduce conflicts for motorists
• Safer, shorter pedestrian crossing
• Improve intersection processing
• Clarify vehicular movements

• No loss of parking
• No lane removals
Summary

- Widen two medians on E Tremont at Unionport Rd
- Build 9 pedestrian safety islands/medians along E Tremont between White Plains Rd and Van Nest Ave
- Install flush median on E Tremont, White Plains Rd to St Lawrence Ave
- Convert Taylor Ave, E Tremont Ave to Guerlain St from two-way to one-way northbound
- Build 3 neckdowns on E Tremont Ave at Bronx River Ave/Commonwealth Ave; E 180th St; and Unionport Rd
- Widen triangle island at E 180th St and E Tremont Ave
- Add crosswalk at signalized intersection of E Tremont Ave and Beach Ave
- Add parking lane stripes along E Tremont
Contact DOT Bronx Borough Commissioners office at 212 748-6680 with additional questions

www.nyc.gov/dot

Thank You