E 138 St and Major Deegan
Safety Improvements and Congestion Mitigation

New York City Department of Transportation
Presented by the Pedestrian Projects Group on March 14, 2016 to
Bronx Community Board 1 Municipal Services Committee
Existing Issues

- Highly congested intersection
- Poor lane alignment

- 182 total injuries from crashes (2010-2014)
  - 5 pedestrians
  - 1 bicyclist
  - 176 motor vehicle occupants

- High number of left turn and right-angle crashes
Existing Issues: Turning Movements

Queue for westbound left turn “blocks the box”

11 crashes involving westbound left turning vehicles resulting in 11 injuries, including 1 pedestrian (2010-2014)
Proposal: Westbound Left Turn Restriction

Westbound left turn restriction reduces conflicts

Benefit: Signal time for dedicated turning movement would be redistributed to other movements, relieving congestion
Existing Traffic Volumes

Westbound left has lowest amount of turning volume.
Alternate Routes: Regional Access

- Grand Concourse to Major Deegan to remain
- Access to N/B Bruckner Expwy
- Access to RFK/Triborough Bridge
- Alternate routes to Third Ave Bridge
Alternate Routes: Exterior St Access

- Businesses along Exterior St can be accessed by turning right onto Exterior St and turning around underneath the Major Deegan.

Benefit: Removes difficult westbound left turn movement for Trucks.