Lexington Ave - E.42\textsuperscript{nd} to E.45\textsuperscript{th}
Pedestrian Safety Improvement Project

Commissioner Polly Trottenberg, New York City Department of Transportation
Presented to Manhattan CB 6 on October 6\textsuperscript{th}, 2014
Project Area

Grand Central Terminal

Office and retail corridor with heavy pedestrian usage

Buses:
- M101
- M102
- M103

4/5/6
7
S

Metro-North

Lexington Ave
Crash History

Top 10% High Crash Corridor in Manhattan

5 years (2008-2012):
24 total injuries
14 pedestrian injuries

Excludes E42nd and E45th Streets
Existing Conditions

Looking North on Lexington towards E 43rd St

10’ sidewalk

Standard 10’ sidewalk too narrow for pedestrian activity at Grand Central entrances
Existing Conditions

Pedestrians waiting in the roadbed to cross due to overcrowding

Bus Only lane functions as standing and drop off area, reducing its effectiveness
Existing Conditions

Heavy right turning volumes at 42\textsuperscript{nd} currently obstruct bus only lane
Rapid Response Toolkit

- Painted and/or textured surfaces
- Planters with maintenance partner
- Pavement markings
- Flexible delineators
Proposal

Add right turn only lane at E.42nd

Add painted neckdowns w/planters (approx. 6)

Remove Bus Only lane between E.44 and E.42\textsuperscript{nd}
Maintain ‘No Standing’ regulation (lane resumes south of 42\textsuperscript{nd})

Note: Parking regulations on both east and west curb will be reevaluated after project implementation once new traffic patterns are settled
Summary

1. Install two painted neckdowns with flexible delineators and planters on Lexington at E.43rd and E.44th Streets to decrease crossing distances and reduce pedestrian exposure.

2. Add new right-turn only lane on Lexington Ave at E.42nd St.

3. Remove Bus Only lane between E.42nd to E.44th Streets.