

Lexington Ave - E.42nd to E.45th

Pedestrian Safety Improvement Project

2014



Commissioner Polly Trottenberg, New York City Department of Transportation
Presented to Manhattan CB 5 on September 22th, 2014



Project Area



Grand Central Terminal

4/5/6

7

S

Metro-North

← E 42nd St →



Buses:
M101
M102
M103

← E 43rd St →

← Lexington Ave

E 44th St →

← E 45th St →

Office and retail corridor with
heavy pedestrian usage

Crash History



Top 10% High Crash
Corridor in Manhattan

600'

3

Mid-block
pedestrian
injuries

5

Intersection
pedestrian
injuries

3

Intersection
pedestrian
injuries

3

Mid-block
pedestrian
injuries

← Lexington Ave

← E 42nd St →

← E 45th St

← E 43rd St

E 44th St →

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

Excludes E42nd and E45th Streets

Existing Conditions



10' sidewalk

Standard 10' sidewalk too narrow
for pedestrian activity at Grand
Central entrances

Looking North on Lexington towards E 43rd St

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 42nd currently
obstruct bus only lane

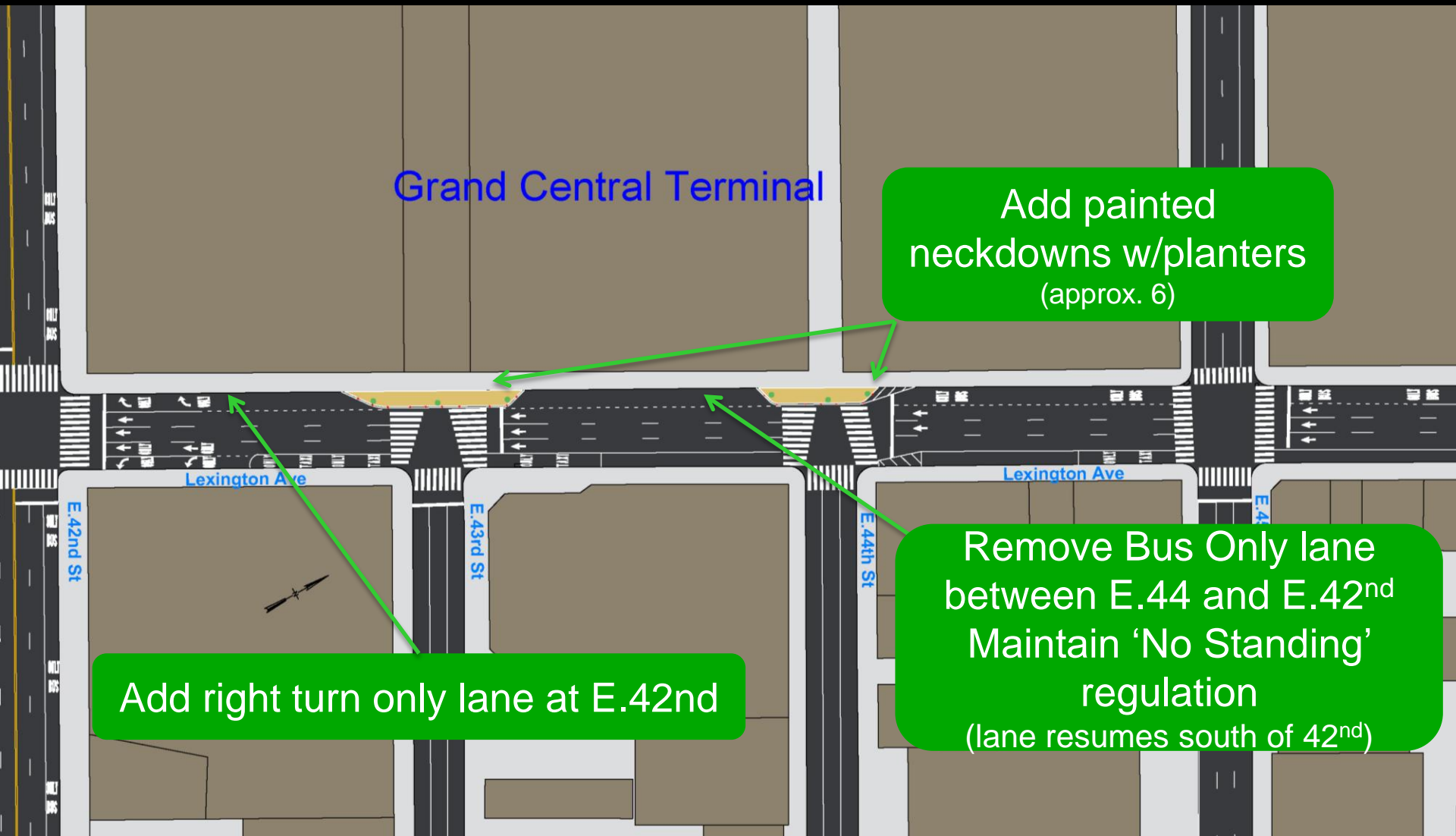


Rapid Response Toolkit

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



Proposal



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



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**Thank
You**