7th Avenue S at W 4th St and Waverly Pl
Intersection Safety Improvements

Presented by the Pedestrian Projects Group, January 8, 2015 to Manhattan Community Board 2
Project Background

- May 2010: CB2 resolution asking for pedestrian improvements at intersection of 7th Ave S and Christopher St/W 4th St and Grove St

- September 2012: NYPD requested closure of W 4th St between 7th Ave S and Grove St to improve safety

- September 2014: CB2 resolution requesting complete street study on 7th Ave between W 14th St and Canal St

- 2015 (planned): DOT to implement Neighborhood Slow Zone west of 7th Ave S
Crash History

5-year crash history (2009-2013)

Total Injuries
Pedestrian Injuries
Severe Pedestrian Injuries

7th Ave S and W 4th St ranks in top 1% of Manhattan intersections for people killed and severely injured
Existing Conditions

Soft-angle left turns from 7th Ave S can be taken at higher speeds.
Existing Conditions

Missing crosswalks along pedestrian desire lines

At 7th Ave S looking west toward Christopher St

At Waverly Pl looking north toward 7th Ave S
Existing Conditions: W 4th Street

Conflicting pedestrian signals with poor compliance

Vehicles taking soft-turn at higher speeds

At Christopher St and W 4th St looking south toward 7th Ave S
Existing Conditions

Vehicles stopping on crosswalk
Rapid Response Toolkit

Working with CB 2 to identify maintenance partner to possibly include seating, plantings, or other amenities

New markings

Expanded pedestrian space with markings, epoxied gravel surface and flexible delineators

Fowler Square, Brooklyn
Proposal – W 4th St

Mark new crosswalk along pedestrian desire line

Shorter crossing

Signal timing changes to reduce vehicles blocking intersection

Close W 4th St between Christopher St and Grove St with epoxied gravel and flexible delineators
Proposal – W 4th St

Maintenance partner required
Existing
Proposal – Waverly Pl

Close Waverly Pl between 7\textsuperscript{th} Ave S and Charles St with epoxied gravel and flexible delineators

Adjacent restaurant with sidewalk seating

Adjacent triangle with Greenstreet
Diversion Plan

Advance signage to encourage crosstown traffic to use Greenwich Ave
Summary

Actions:
1. Close W 4th St between Christopher St and Grove St and create pedestrian space
2. Close Waverly Pl between 7th Ave S and Charles St and create pedestrian space
3. Install new crosswalk across 7th Ave S on north side of Christopher St
4. Add signage for alternate routes
5. Install high visibility crosswalks
6. Improve signal coordination

Expected benefits:
1. Shorter, safer crossings
2. Reduced vehicle turning conflicts with pedestrians
3. Improved pedestrian environment and connectivity of adjacent pedestrian spaces
4. Traffic calming
Thank You

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