8th Street:
6th Ave to Broadway

New York City Department of Transportation
Presented on 11/06/14 at Community Board 2
Background

Village Alliance BID requested safety improvements & bicycle corrals along 8th St

Community Board 2 requested pedestrian safety improvements near Ruth Wittenberg Triangle

High crash corridor
131 Total Injuries

Motor Vehicle Occupant Injuries 2008-2012

Bicyclist Injuries/Fatalities 2008-2012

Pedestrian Injuries 2008-2012

Sources: Injuries, NYS Dept. of Transportation – Fatalities, NYC Dept. of Transportation
Existing Conditions

5th Ave
6th Avenue
W. 9th St
Greenwich Ave
Christopher St
University Pl
Greene St
Mercer St
Broadway

South Sidewalk
17' Combined Travel / Parking Lane

North Sidewalk
17' Combined Travel / Parking Lane

34'
Existing Conditions

Misaligned curblines

Underutilized triangle

Long crossing distances at W.8th & 6th Ave
Existing Conditions

High pedestrian crossing volumes at MacDougal, Greene, Mercer and mid-block

E.8\textsuperscript{th} St at Greene St

W.8\textsuperscript{th} St at MacDougal St
Existing Conditions

Turning conflicts

E.8th St & 5th Avenue

Greenwich Ave & 6th Avenue
Existing Conditions

Corridor too narrow for two proper travel lanes

Often functions with single travel lane
Rapid Response Toolkit

- Pavement markings
- Signal modifications
- New signage
- Painted and/or textured surfaces
- Flexible delineators
Rapid Response Toolkit

Typical bike corral with planters
Rapid Response Toolkit

Concrete island examples

Tinted concrete simulating bluestone pavers
Proposed

Ruth Wittenberg Triangle
6th Ave/Greenwich Ave/W.8th/W.9th
Proposed Enlarged Ruth Wittenberg Triangle (replacing blue stone with concrete)

Ruth Wittenberg Triangle 6th Ave/Greenwich Ave/ W.8th/W.9th

Right turn only lane
Proposed

6 neckdowns (concrete where feasible)

Ruth Wittenberg Triangle
6th Ave/Greenwich Ave/
W.8th/W.9th

Right turn only lane
Proposed W.8th St MacDougal to 5th Ave

W.8th Street

Proposed

South Sidewalk 11' Parking Lane 11' Travel Lane 12' Parking Lane North Sidewalk

MacDougal St 5th Ave E.8th Street
 Proposed

Painted neckdowns

Requested bike corral

Left turn only lane

W.8th St MacDougal to 5th Ave

New lane/parking markings

Painted neckdowns

New signal LPI (under inv.)
Proposed

E.8th St
University Pl to Broadway

South Sidewalk
11' Parking Lane
11' Travel Lane
12' Parking Lane
North Sidewalk
Proposed Painted neckdowns

New lane/parking markings

Requested bike corral

Right turn only lane
• Reduces speeding / calms traffic
• Safer pedestrian crossings
• Normalize intersections and shorten crossing distances
• Provides bicycle parking to support local businesses
• Provides appropriate travel lane size
• Wide curb lane allows for safe bicycle travel
Summary

- Install painted neckdowns at MacDougal, Greene and Mercer Streets intersections plus at 6th Ave, University Pl, 5th Ave, and Broadway
- Build concrete neckdowns at 6th Ave at Greenwich Ave, and 6th Ave at W.9th St
- Create one travel lane and two wide parking lanes
- Build out Ruth Wittenberg triangle on Greenwich Ave and 6th Ave in concrete
- Program enlarged space with seating and planters with Village Alliance Partnership
- Install requested bicycle corrals and normalize bike markings on 6th Ave
- LPI’s under investigation at 5th Ave, 6th Ave and Broadway
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Thank You