8th Street: 6th Ave to Broadway

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

131 Total Injuries

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

Misaligned curblines

Underutilized triangle

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

Ruth Wittenberg Triangle
(6th Ave, W.9th St, Greenwich Ave)
Existing Conditions

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

W.8th St at MacDougal St

E.8th St at Greene 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

Enlarged Ruth Wittenberg Triangle (replacing blue stone with concrete)

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

6th Ave

Greenwich Ave

Christoph St

W.9th Street

W.8th Street
Proposed

6 neckdowns (concrete where feasible)

Ruth Wittenberg Triangle
6th Ave/Greenwich Ave/
W.8th/W.9th
Proposed W.8th St MacDougal to 5th Ave
Proposed

W.8th St
MacDougal to 5th Ave

Painted neckdowns
Requested bike corral
Left turn only lane

New lane/parking markings
Painted neckdowns
New signal LPI (under inv.)

South Sidewalk 10' Parking Lane 11' Travel Lane 13' Parking Lane North Sidewalk
Proposed

Painted neckdowns

E.8th St University Pl to Broadway

New lane/parking markings

Requested bike corral

Right turn only lane
Benefits

- 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
Thank You

www.nyc.gov/dot
NYC DOT Bike Corrals
Program Background

- DOT has installed 24 bike corrals city wide

- A bike corral is a row of bike racks installed in a curbside lane of a street

- Locations are identified based on requests from maintenance partners

- The maintenance partner is required to keep the site clear of debris and snow, maintain plantings, and report abandoned bicycles
Physical Guidelines

- Must be in a curbside lane that is never used as a travel lane
- May not block crosswalks, driveways, bus stops, and utility covers
- Must be a minimum of 15’ away from fire hydrants or bus stops
Example of a Bike Corral

Broadway & W 105th St, Manhattan
Installed: March 2013
Maintained by: Henry’s Restaurant