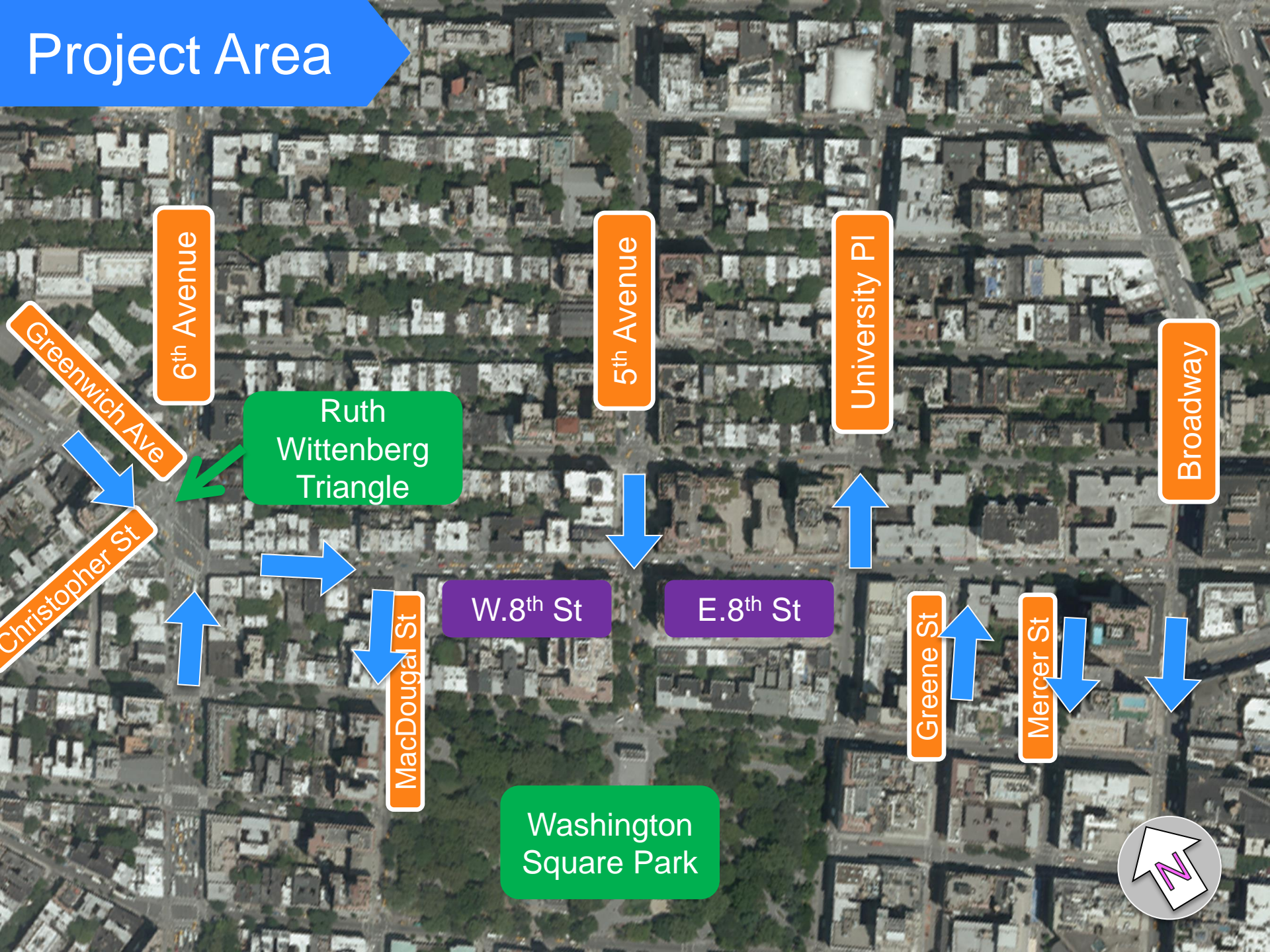


8th Street:

6th Ave to Broadway



Project Area



Background

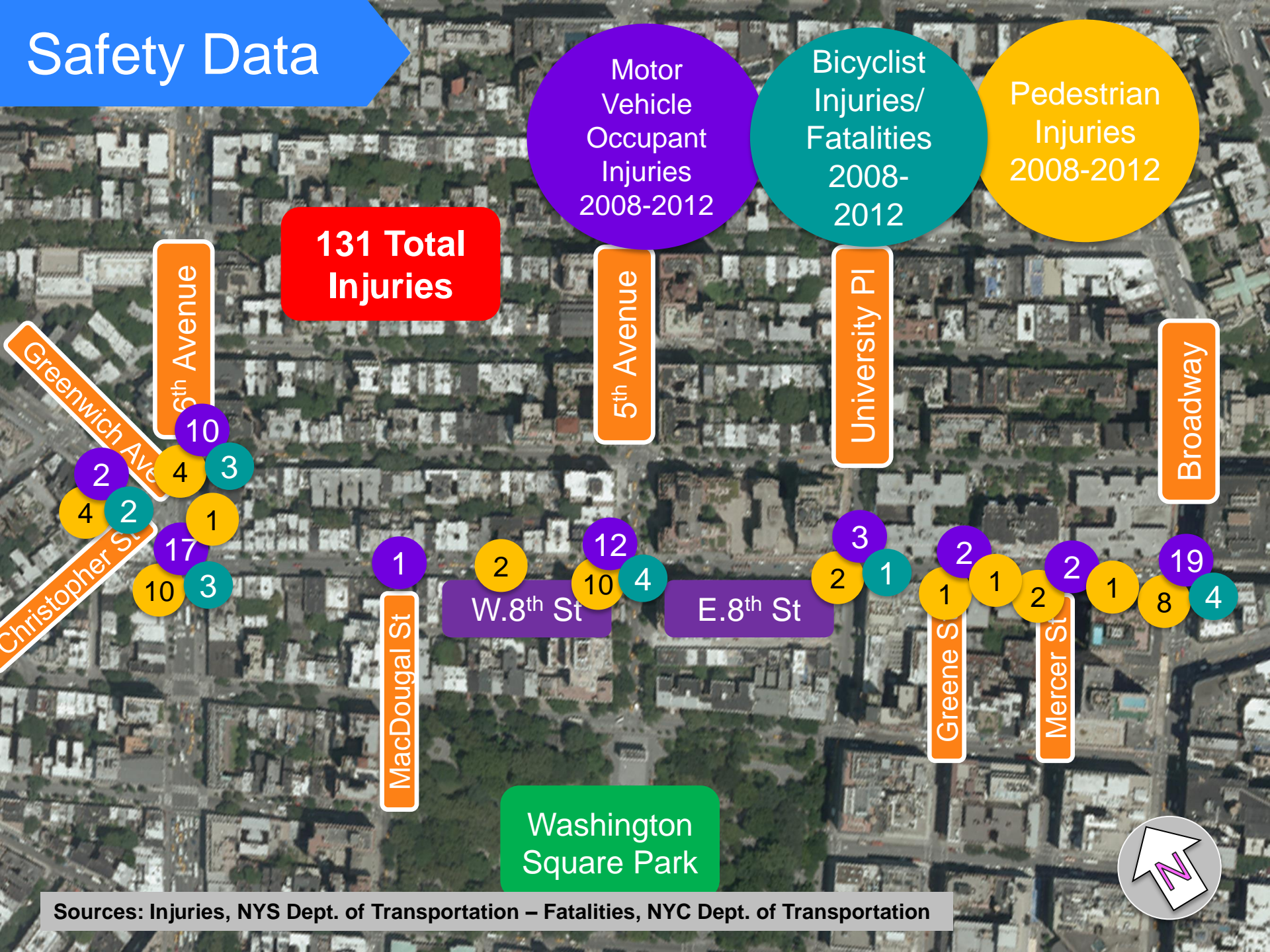
Village Alliance BID requested safety improvements & bicycle corrals along 8th St

Community Board 2 requested pedestrian safety improvements near Ruth Wittenberg Triangle

High crash corridor



Safety Data



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

Existing Conditions



Existing Conditions

Misaligned curblines

W.8th St & 6th Avenue

Underutilized triangle

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

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



Existing Conditions



E.8th St at Greene St

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

W.8th St at MacDougal St



Existing Conditions



E.8th St & 5th Avenue

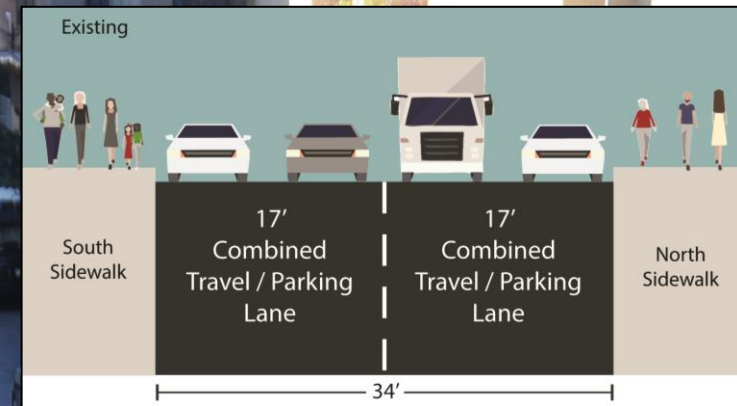
Turning conflicts



Greenwich Ave & 6th Avenue

Existing Conditions

Corridor too narrow for two proper travel lanes



Often functions with single travel lane

E.8th St & University Pl

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



Tinted concrete simulating
bluestone pavers

Concrete island
examples



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

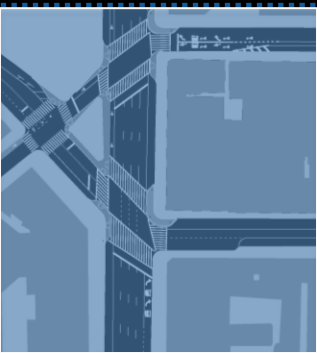
Greenwich Ave

W.9th Street

6th Ave

W.8th Street

phar St



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

5th Ave

W.8th Street

New
lane/parking
markings

Painted
neckdowns

New
signal LPI
(under inv.)

E.8th Street

Macdougal St



Proposed

E.8th St
University Pl to Broadway



Proposed

E.8th St
University Pl to Broadway

University Pl

Painted
neckdowns

E.8th Street

Broadway

New
lane/parking
markings

Requested
bike corral

Right turn
only lane

Proposed



South
Sidewalk

11'
Parking
Lane

11'
Travel Lane

12'
Parking
Lane

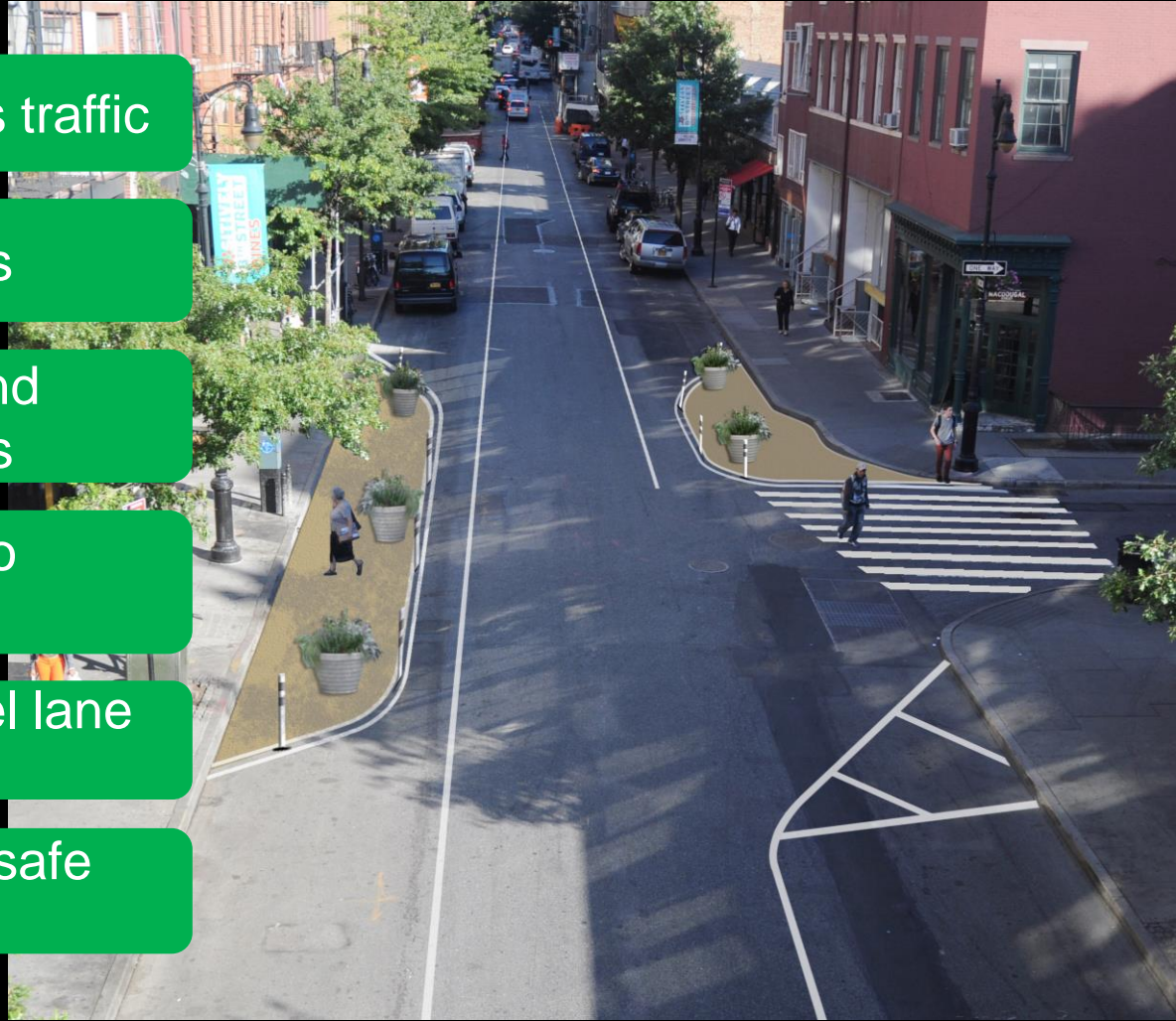
North
Sidewalk

Greenleaf St

Mercer St

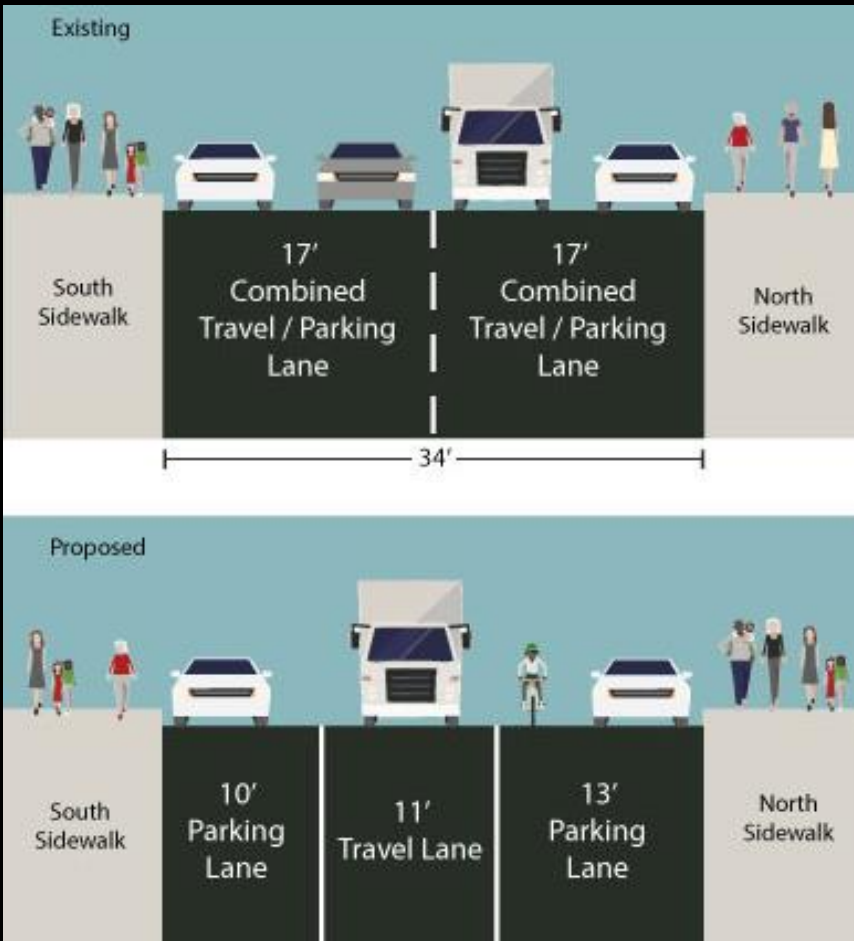
Benefits

- 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



www.nyc.gov/dot

Thank
You

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



Smith St and Sackett St, Brooklyn

Installed: August 2011

Maintained by: Sackett Street Block Association



82nd St & Roosevelt Ave, Queens

Installed: April 2013

Maintained by: 82nd St Partnership

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



8th Ave & W 21st St, Manhattan
Installed: April 2013
Maintained by: Organic Avenue



N 11 St & Wythe St, Brooklyn
Installed: September 2012
Maintained by: Kinfolk Studios

Example of a Bike Corral



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