Broadway: Union Square

Summer 2010

Commissioner Janette Sadik-Khan New York City Department of Transportation
April 2010

NEW YORK CITY DOT

Project Area

Focus Areas

1. Improve safety at E. 17th & Broadway, Union Sq. W. & 14th

2. Upgrade safety on Broadway, 23rd to 18th Streets

3. Address truck access and circulation issues

4. Rationalize traffic network

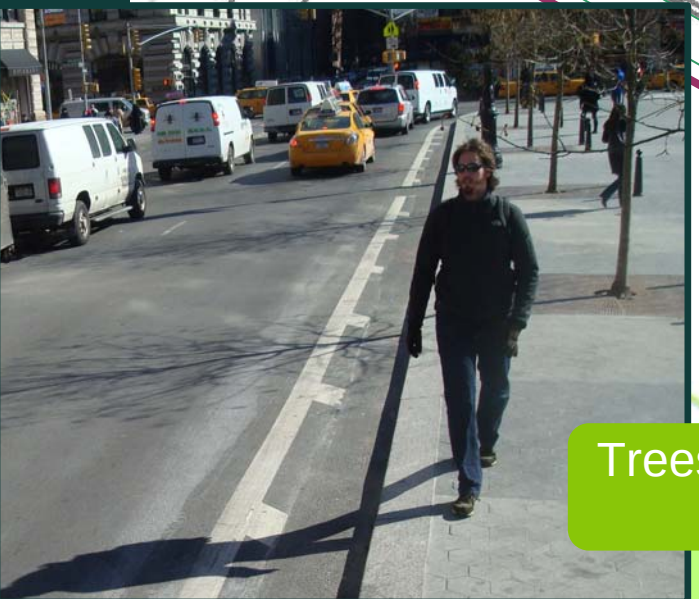
E. 17th Street + Broadway

- Long skewed crosswalks
- Unwelcoming gateway
- Confusing traffic-pedestrian patterns

E. 17th Street + Broadway

Multi-leg confusing traffic-patterns

Greenmarket blocks south sidewalk of E. 17th Street



Tree Zone

Skewed pedestrian walkway

Trees narrow pedestrian right of way

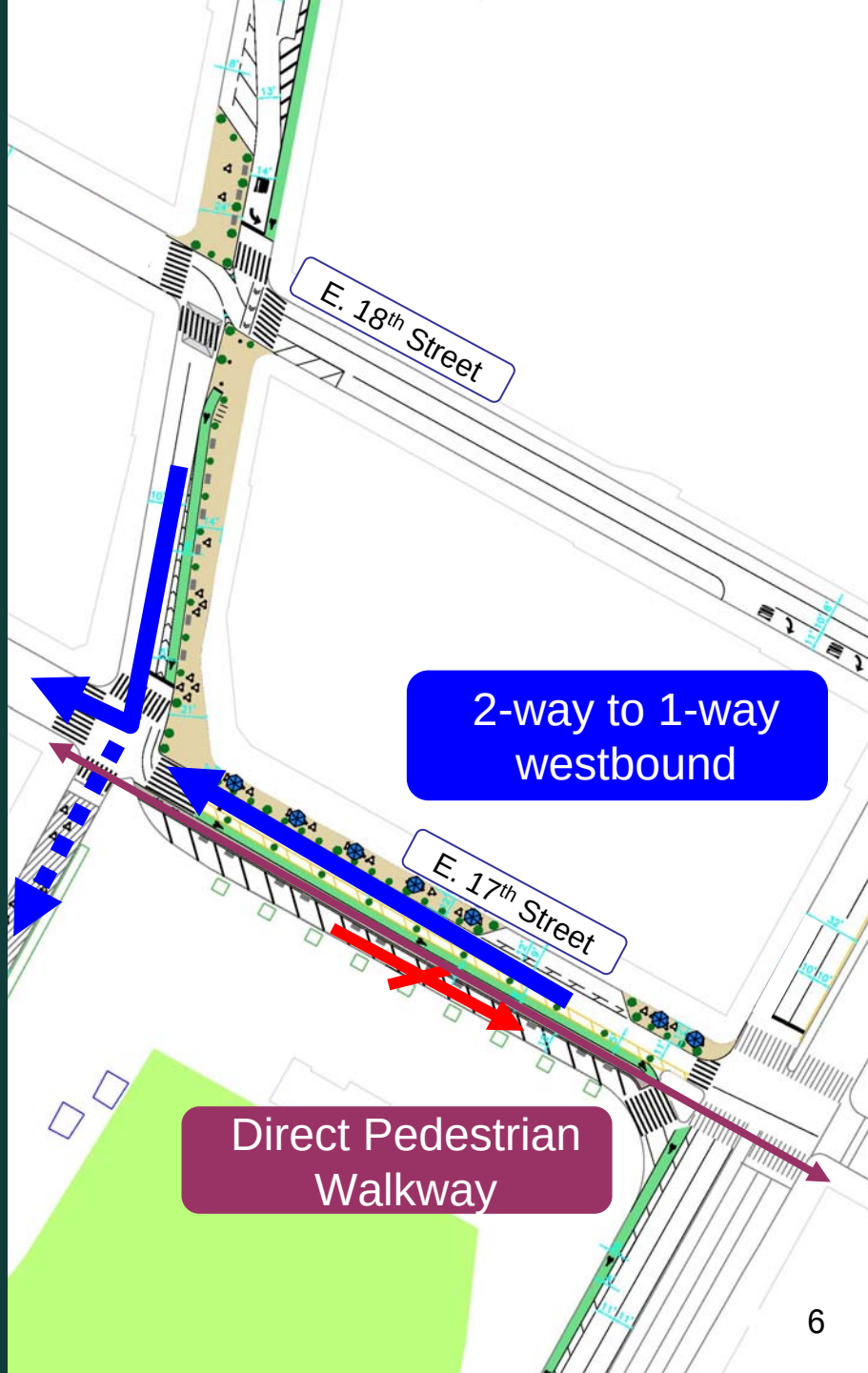
Union Square Plan

Simplifies intersection, improves safety

Bway-17th – From 3 to 2 Phase Signal

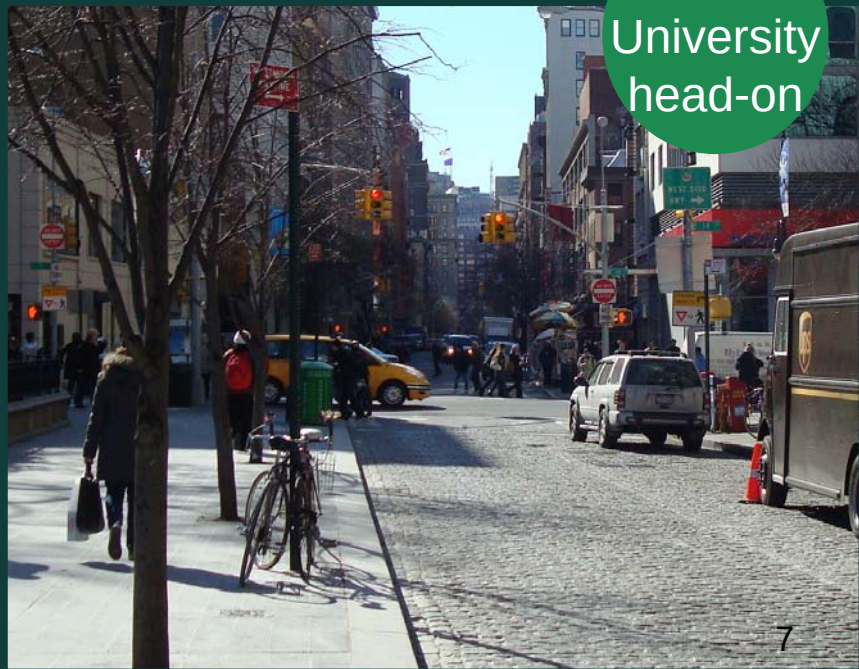
Shortens crosswalks

Adds bicycle connection to 14th St.

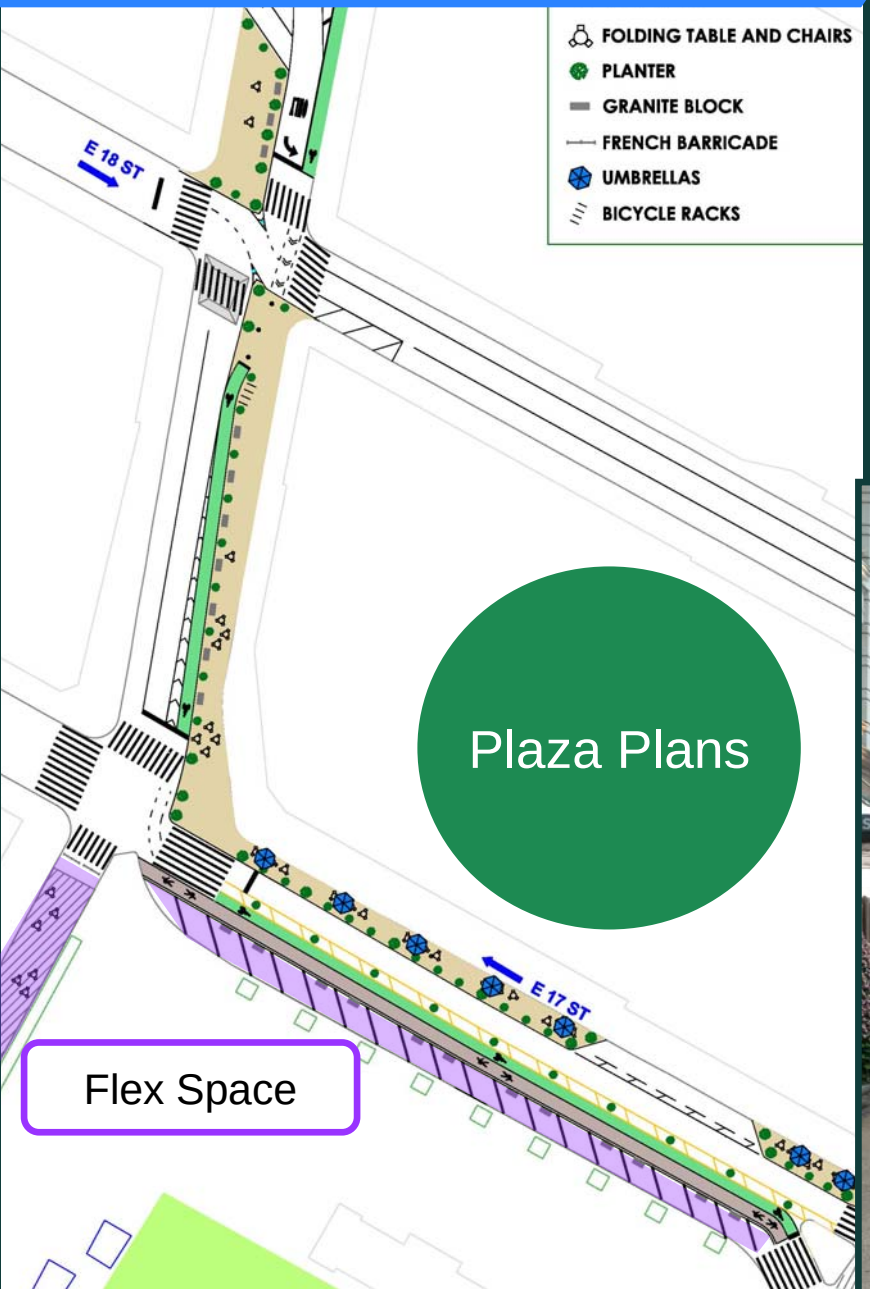


Improved Safety

Total Injuries 2004-2008			
	B'way & 17th	USW & 14th	Park & 17th
Pedestrian	9	8	13
Bicyclist	1	7	6
Motor Vehicle Occupant	6	14	35
Total Injuries	16	29	54



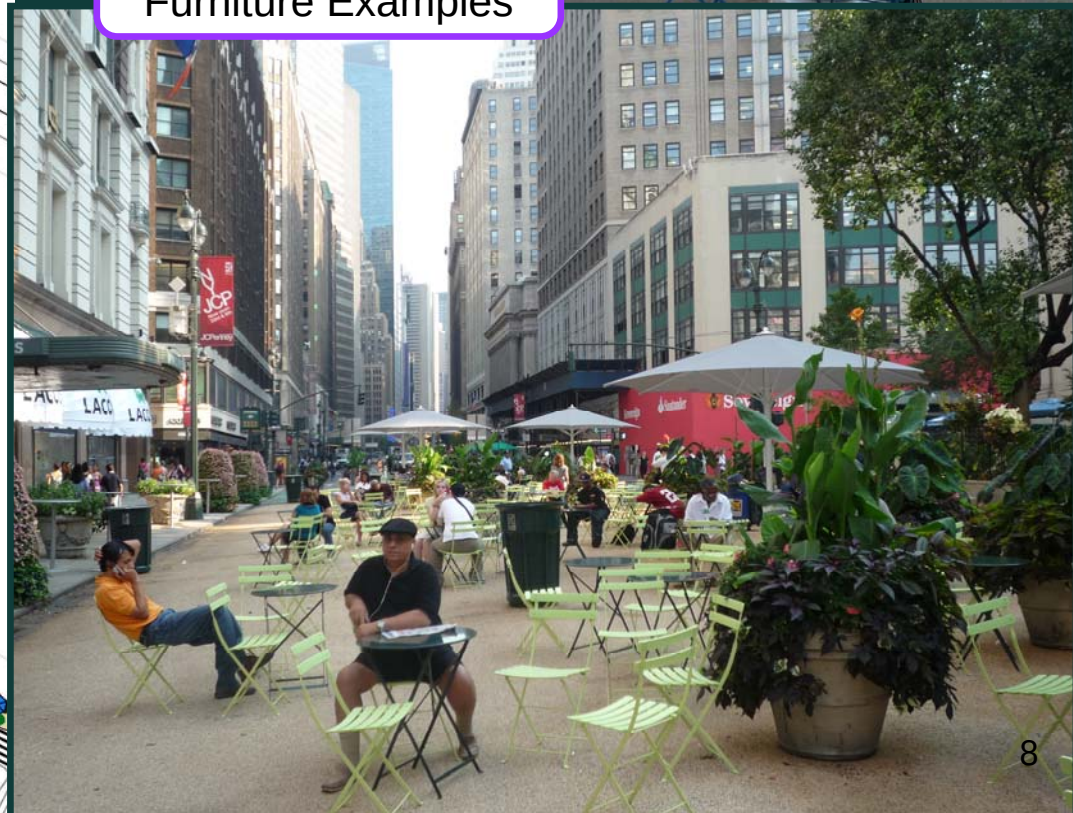
Ribbon Plazas



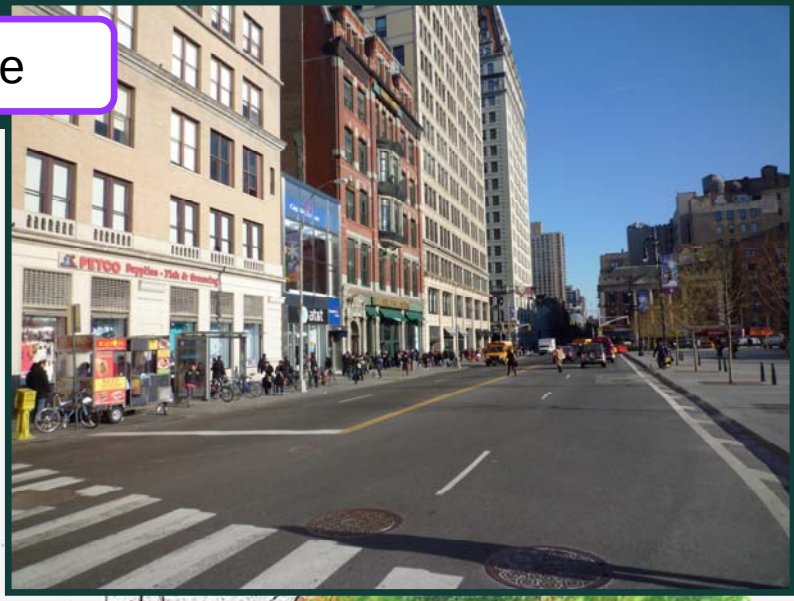
Plaza Plans

Flex Space

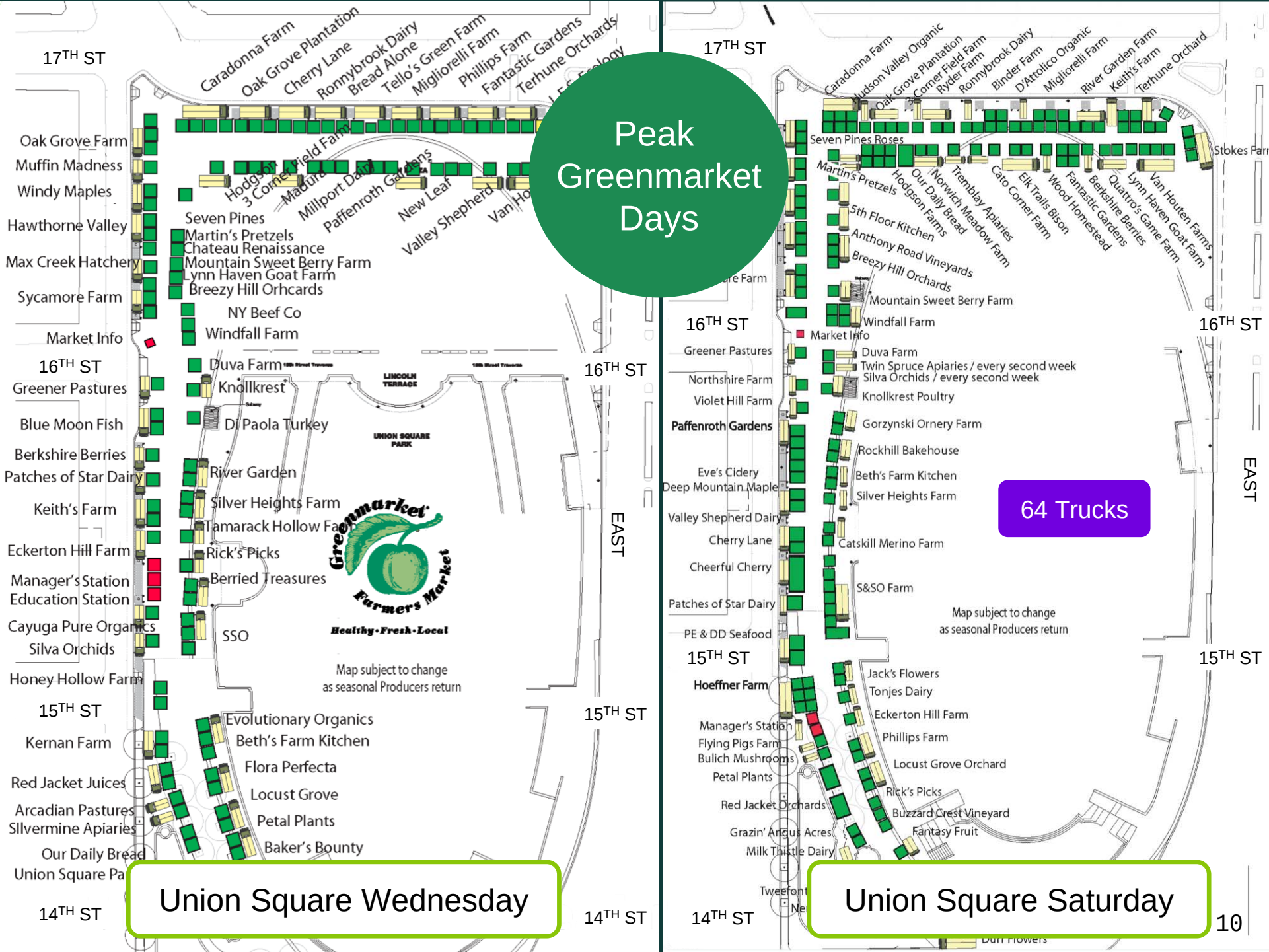
Temporary Plaza Furniture Examples



Before



After


Peak Greenmarket Days
17TH ST
16TH ST
15TH ST
14TH ST
EAST
Caradonna Farm
Oak Grove Plantation
Cherry Lane
Ronnybrook Dairy
Bread Alone
Tello's Green Farm
Migliorelli Farm
Phillips Farm
Fantastic Gardens
Terhune Orchards
Oak Grove Farm
Muffin Madness
Windy Maples
Hawthorne Valley
Max Creek Hatchery
Sycamore Farm
Market Info
Greener Pastures
Blue Moon Fish
Berkshire Berries
Patches of Star Dairy
Keith's Farm
Eckerton Hill Farm
Manager's Station
Education Station
Cayuga Pure Organics
Silva Orchids
Honey Hollow Farm
Kernan Farm
Red Jacket Juices
Arcadian Pastures
Sllvermine Apiaries
Our Daily Bread
Union Square Pa
Seven Pines
Martin's Pretzels
Chateau Renaissance
Mountain Sweet Berry Farm
Lynn Haven Goat Farm
Breezy Hill Orhcards
NY Beef Co
Windfall Farm
Duva Farm
Knollkrest
Di Paola Turkey
River Garden
Silver Heights Farm
Tamarack Hollow Fa
Rick's Picks
Berried Treasures
SSO
LINCOLN TERRACE
UNION SQUARE PARK
Greenmarket Farmers Market
Healthy•Fresh•Local
Map subject to change as seasonal Producers return
Evolutionary Organics
Beth's Farm Kitchen
Flora Perfecta
Locust Grove
Petal Plants
Baker's Bounty
Union Square Wednesday
Seven Pines Roses
Martin's Pretzels
Hodgson Farms
Our Daily Bread
Norwich Meadow Farm
Tremblay Apiaries
Cato Corner Farm
Elk Trails Bison
Wood Homestead
Fantastic Gardens
Berkshire Berries
Quattro's Game Farm
Lynn Haven Goat Farm
Van Houten Farms
Stokes Farm
5th Floor Kitchen
Anthony Road Vineyards
Breezy Hill Orchards
Mountain Sweet Berry Farm
Windfall Farm
Market Info
Duva Farm
Twin Spruce Apiaries / every second week
Silva Orchids / every second week
Knollkrest Poultry
Gorzynski Ornery Farm
Rockhill Bakehouse
Beth's Farm Kitchen
Silver Heights Farm
Catskill Merino Farm
S&SO Farm
Map subject to change as seasonal Producers return
Greener Pastures
Northshire Farm
Violet Hill Farm
Paffenroth Gardens
Eve's Cidery
Deep Mountain Maple
Valley Shepherd Dairy
Cherry Lane
Cheerful Cherry
Patches of Star Dairy
PE & DD Seafood
Hoeffner Farm
Manager's Station
Flying Pigs Farm
Bulich Mushrooms
Petal Plants
Red Jacket Orchards
Grazin' Angus Acres
Milk Thistle Dairy
Jack's Flowers
Tonjes Dairy
Eckerton Hill Farm
Phillips Farm
Locust Grove Orchard
Rick's Picks
Buzzard Crest Vineyard
Fantasy Fruit
64 Trucks
Union Square Saturday
10

23rd to 18th St. Improvements

Existing

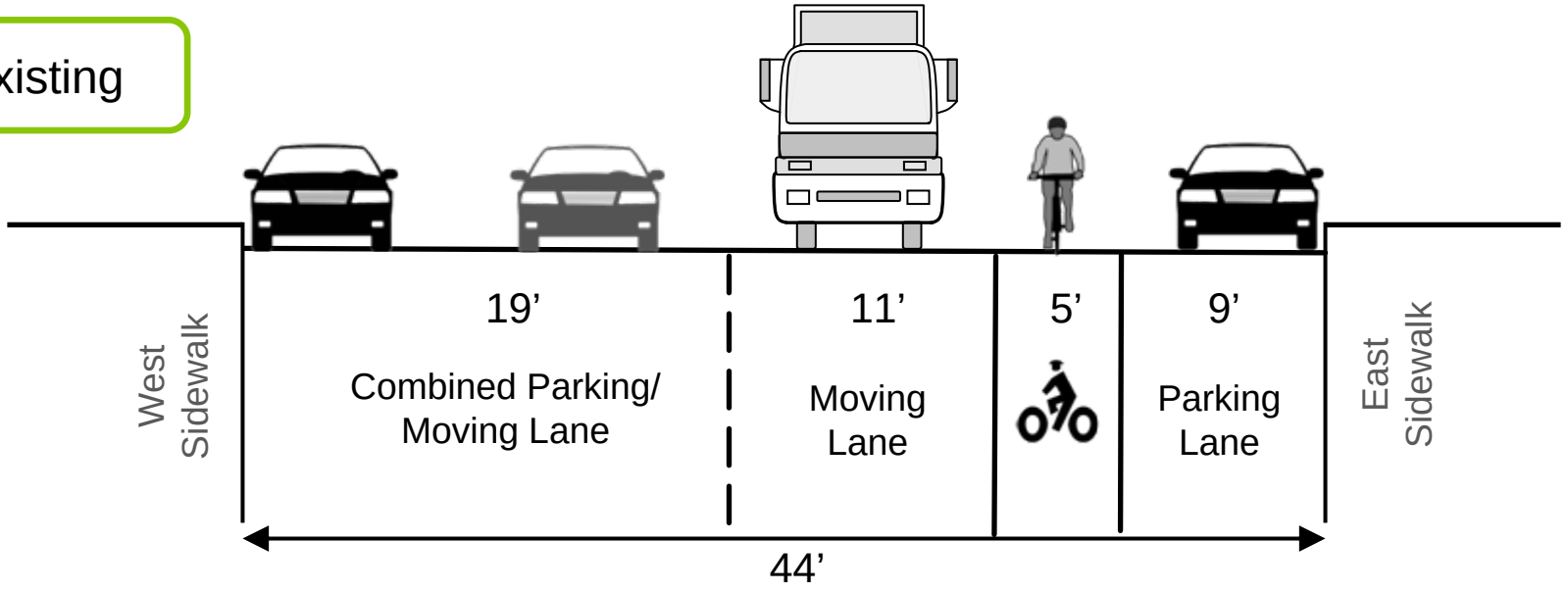
Example: Broadway & W. 29th St.

- Pedestrian refuge islands added
- Vehicle lanes reduced to meet demand
- Class I protected bicycle lane installed
- MTA express buses diverted off Broadway

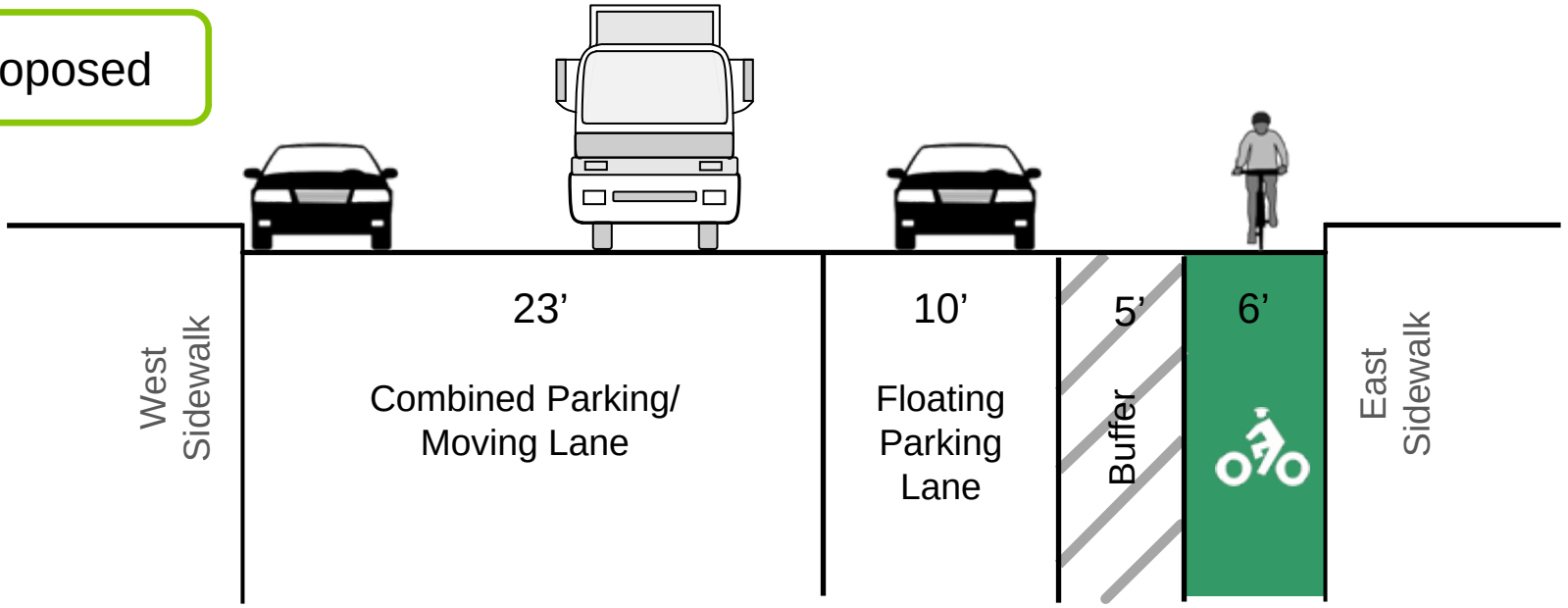
Proposed

23rd to 18th St. Improvements

Existing



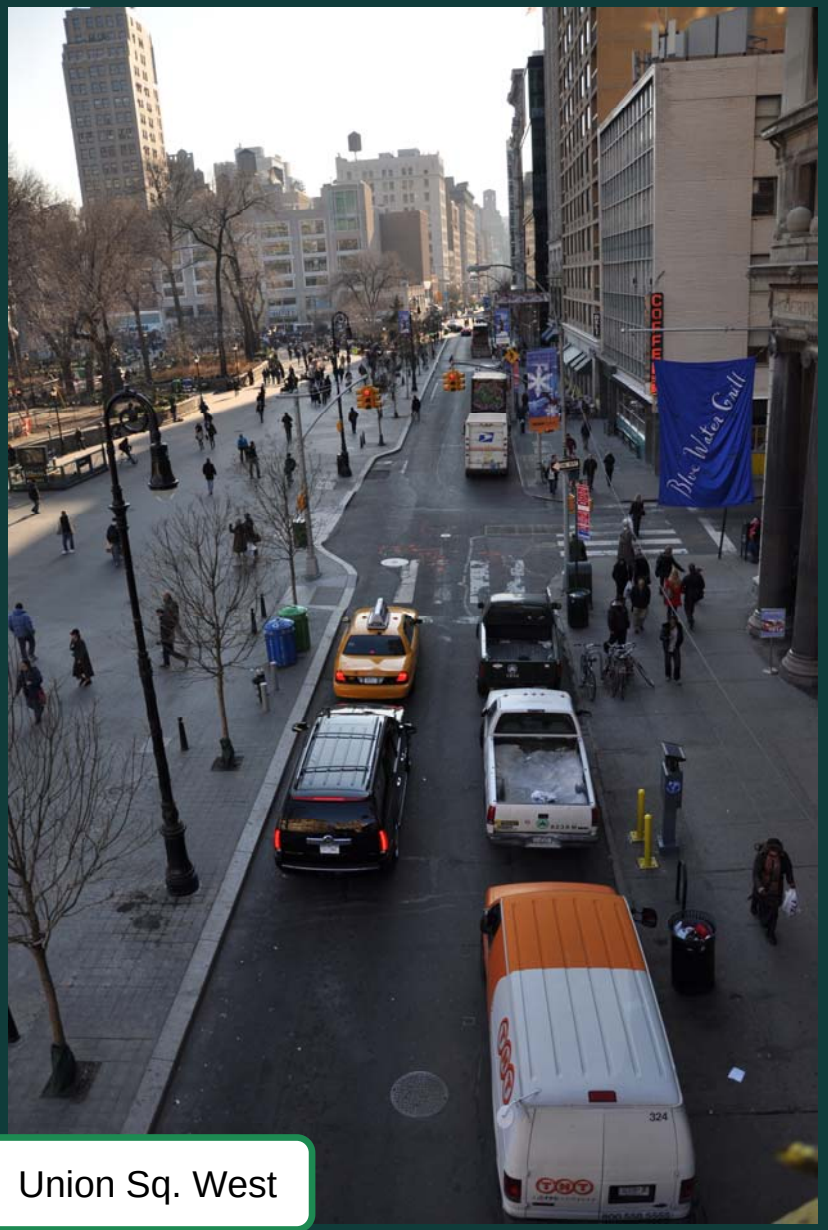
Proposed



Projected Traffic Diversions

- Turn lanes added on 18th and 20th to improve mobility
- Signal timing changed
- Signage added to divert motorists
- No left turn from S/B Park Avenue to 18th Street

Circulation



Union Sq. West

Partners

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Thank You