NYC Bicycle & Pedestrian Programs

Retrofitting: Bicycle, Pedestrian, and Green Street Facilities

APA’s National Planning Conference
April 2011
Boston

Ryan Russo
Assistant Commissioner, Traffic Management
Outline

- Context
- The Treatments
- What You Don’t See
Themes & “How’s?”

1. Vision & Leadership
2. Operational vs Capital
3. Tradeoffs vs “Standards”
Flush Center Mall

St. Theresa Avenue, Bronx
2-to-3 Road Diet

**EXISTING**

- 25' Combined Parking/Moving Lane
- 50' Width

**PROPOSED**

- 9' Parking Lane
- 11' Moving Lane
- 10' Turn Bay/Flush Median/Island
- 11' Moving Lane
- 9' Parking Lane

180 St, Bronx
West 10th & Christopher Streets
Greenway Access Improvements
Manhattan, 2009
Standard Bike Lane

West 10th & Christopher Streets
Greenway Access Improvements
Manhattan, 2009
Buffered Bike Lane

EXISTING

20’
Combined Parking/Moving Lane

20’
Combined Parking/Moving Lane

40’

PROPOSED

12’
Parking/Peak Period Moving Lane

11’
Moving Lane

3’
Buffer

5’
Parking Lane

9’

40’

DeKalb Ave, Brooklyn
Rockaway Parkway, Brooklyn

Warren St, Manhattan
4-to-3 Road Diet with Bike Lanes

Cross-section

Existing

East Sidewalk

19'
Combined Parking/Moving Lane

11'
Moving Lane

11'
Moving Lane

19'
Combined Parking/Moving Lane

60'

West Sidewalk

Proposed

East Sidewalk

9'
Parking/Loading Lane

5'
Moving Lane

11'
Turn Bay/Flush Median/Island

11'
Moving Lane

5'
Parking

West Sidewalk
Allerton Avenue
Traffic Calming Project
Bronx, 2009
Vanderbilt Avenue
Landscaped Medians & Bicycle Lanes
Brooklyn, 2008
4-to-3 Road Diet with Wide Curb Lanes

**EXISTING**

- 20’ Combined Parking/Moving Lane
- 10’ Moving Lane
- 10’ Moving Lane
- 20’ Combined Parking/Moving Lane

**PROPOSED**

- 13’ Parking/Loading Lane
- 11’ Moving Lane
- 12’ Turn Bay/Flush Median
- 11’ Moving Lane
- 13’ Parking/Loading Lane

Laconia Ave, Brooklyn
8th Ave, Manhattan
Grand Street
Parking Protected
Bicycle Path Pilot
Manhattan, 2008
Broadway -
Union Square
Plazas, Promenade
and Bicycle Path
Manhattan, 2010
Centerpaths

Allen Street, Manhattan
Allen & Pike Streets
Pedestrian & Bicycle Improvements
Manhattan, 2009
Sands Street
Bicycle Path & Green Street
Brooklyn, 2009
Sands Street
Bicycle Path
& Green Street
Brooklyn, 2009
Sands Street
Bicycle Path
& Green Street
Brooklyn, 2009
Sidepaths

**EXISTING**

- **West Sidewalk**
  - 19’ Combined Parking/Moving Lane
  - 11’ Moving Lane
  - 19’ Combined Parking/Moving Lane

- **East Sidewalk**

**PROPOSED**

- **West Sidewalk**
  - 19’ Combined Parking/Moving Lane
  - 11’ Moving Lane
  - 8’ Floating Parking Lane
  - 3’ Buffer
  - 8’

- **East Sidewalk**
Prospect Park West
Traffic Calming & Protected Bicycle Path
Brooklyn 2010
Kent Avenue
Brooklyn Waterfront Greenway Upgrade
Brooklyn, 2009
Prospect Park West
Traffic Calming & Protected Bicycle Path
Brooklyn 2010
Bridge Paths

EXISTING

PROPOSED

Williamsburg Bridge
Brooklyn Bridge
Promenade Safety Enhancement
Brooklyn, 2008
Pedestrian Safety Islands

Buschick Ave, Brooklyn
Avenue C and 18th Street, Manhattan
Re-Claiming Space: Paint

Canal St at East Broadway, Manhattan
Re-Claiming Space: Greenstreet

Metropolitan Avenue, Brooklyn
12th Avenue at W 135th Street
Pedestrian and Circulation Enhancement
Manhattan, 2009
Park Circle
Multimodal Redesign &
Public Space Reclamation
Brooklyn, 2009
Grand Army Plaza
Southeastern Improvements
Brooklyn, 2007
Re-Claiming Space: Plaza

Water St, Manhattan
Gansevoort
Test Plazas and Network Re-design
Manhattan, 2008
Madison Square
Multimodal Improvements
Manhattan, 2008
Broadway - Union Square
Plazas, Promenade and Bicycle Path
Manhattan, 2010
Broadway - Union Square
Plazas, Promenade and Bicycle Path
Manhattan, 2010
Water & Whitehall Streets
Pedestrian Improvement & Plaza
Manhattan, 2010
Broadway: Green Light for Midtown
Manhattan, 2009
Broadway:
Green Light for Midtown
Manhattan, 2009
Themes & “How’s?”

1. Vision & Leadership
2. Operational vs Capital
3. Tradeoffs vs “Standards”
4. In-House vs. Consultant Designs
5. Planners & Engineers
6. Signals & Signs vs Geometry
7. Design for Traffic
Thank You!