West Broadway & Church Street
Bicycle Facilities

Commissioner Janette Sadik-Khan, New York City Department of Transportation
Presented July 10, 2013
Background

- Lack of inland bicycle routes between Greenwich Village and lower Manhattan
- Lack of continuous north/south bicycle routes to Union Square
- W. Broadway, Church St and Varick St are already used by cyclists even without a bicycle facility
Existing: Church St at Duane St
Proposed: Church St/6th Ave, Warren St to White St

**EXISTING**

- East Sidewalk
  - 12’ Parking Lane
  - 12’ Moving Lane
  - 12’ Moving Lane
  - 12’ Moving Lane
  - 12’ Parking Lane

- West Sidewalk

**PROPOSED**

- East Sidewalk
  - 8’ Parking Lane
  - 5’ Moving Lane
  - 3’ Moving Lane
  - 11’ Moving Lane
  - 10’ Moving Lane
  - 10’ Moving Lane
  - 13’ Parking Lane

- West Sidewalk

**Total Width:** 60’
Example of Buffered Bike Lane
Existing: W. Broadway at Broome St
Proposed: W. Broadway and LaGuardia Pl
Example of Shared Lane

Vanderbilt Ave, Brooklyn
Existing: Washington Square South
Proposed: Washington Square South

EXISTING

32'
Combined Moving/Parking Lane

32'

PROPOSED

South Sidewalk

11'
Parking Lane

12'
Moving Lane

3'

6'

North Sidewalk
Example of Curbside Buffered Bicycle Lane
Proposed: Washington Square East

EXISTING

25'
Combined Loading/Moving Lane

PROPOSED

25'
19'
Combined Loading/Moving Lane
6'
0.90
Example of Curbside Bicycle Lane

Washington Square West, Manhattan
Existing: Washington Square North
Proposed: Washington Square North

**EXISTING**
- North Sidewalk
- 19’ Combined Parking/Moving Lane
- 11’ Moving Lane
- 30’ Total Width

**PROPOSED**
- North Sidewalk
  - 8’ Parking Lane
  - 11’ Shared Lane
- South Sidewalk
  - 11’ Moving Lane
Existing: Broome St, W. Broadway to Thompson St
Proposed: Broome St, W. Broadway to Thompson St

EXISTING

- North Sidewalk
  - Parking/Moving Lane
- Moving Lane
- South Sidewalk

27'

PROPOSED

- North Sidewalk
  - Parking/Moving Lane
  - 10'
- Moving Lane
  - 11'
- South Sidewalk
  - 6'
Existing: Broome St, Thompson St to 6th Ave
Proposed: Broome St, Thompson St to 6th Ave

Existing:

North Sidewalk

13’ Parking/Moving Lane

12’ Parking/Moving Lane

South Sidewalk

25’

Proposed:

North Sidewalk

25’

South Sidewalk

Shared/Moving Lanes
Existing: Broome St, 6th Ave to Varick St
Proposed: Broome St, 6th Ave to Varick St
Example of Bicycle Lane

Reade St, Manhattan
Existing Conditions

- East side parking regulations:
  - Muni-meter parking
  - Rush hour travel lane
Existing: Varick St, Watts St to Canal St
Proposed: Varick St, Watts St to Canal St

Existing:
- West Sidewalk:
  - 10' Parking Lane
  - 11' Moving Lane
  - 10' Moving Lane
  - 10' Moving Lane
  - 10' Moving Lane
  - 9' Parking Lane

- East Sidewalk:

Proposed:
- West Sidewalk:
  - 10' Parking Lane
  - 11' Moving Lane
  - 10' Moving Lane
  - 10' Moving Lane
  - 10' Enhanced Shared Lane
  - 9' Parking Lane

- East Sidewalk:
Example of Enhanced Shared Lane

2nd Avenue, Manhattan
Existing: Varick St at Canal St

Existing Conditions

- Cobblestone roadway
- 10.5’ wide east sidewalk
Example of Bicycle Stamp
Existing Conditions

- 39' wide street
- Three travel lanes
- One loading lane
- East side parking regulations:
  - No parking anytime
  - No standing
Proposed: Varick St, Laight St to Beach St
Existing: Varick St at N. Moore St

Existing Conditions (varies)

- 60’ wide street
- Three travel lanes
- Two loading lanes
- Periodic turn lanes and bus stops
- Parking regulations:
  - No parking 8am-6pm
Proposed: Varick St, Beach St to W. Broadway

- Two travel lanes
- Two parking lanes
- Bike lane
Existing: W. Broadway at Duane St
Proposed: W. Broadway, Beach St to Warren St

**EXISTING**

West Sidewalk

| 13’ Parking Lane | 12’ Moving Lane | 12’ Moving Lane | 13’ Parking Lane | East Sidewalk |

**PROPOSED**

West Sidewalk

| 10’ Parking Lane | 11’ Moving Lane | 11’ Moving Lane | 3’ | 5’ | 10’ Parking Lane | East Sidewalk | 50’ |
Summary of Proposed Bicycle Facilities
Summary of Benefits

- Organizes traffic
- Provides a bicycle route between Greenwich Village and lower Manhattan
- Supports short local trips by bike
- No planned parking removal
- Planned implementation in August 2013
Questions?

Thank You