Bowery at Delancey St
Intersection Improvements

New York City Department of Transportation
Presented by the Pedestrian Projects Group, February 11th, 2014 to Manhattan Community Board 3
Project Area

Nearby subways (J/Z) and M103 bus routes

Commercial corridors with dense residential

Provides direct access to/from Williamsburg Bridge

Bus: M103

Spring St

Delancey St

Bowery

Broome St

Manhattan Bridge

Williamsburg Bridge
Crash History

5 years (2008-2012):
- 63 motor vehicle occupant injuries
- 14 pedestrian injuries
- 10 bicyclist injuries

23 total injuries
- 4 pedestrian injuries

87 total injuries
- 1 bike fatality
Existing Conditions

Non-typical pedestrian island causes difficulty for large left turning vehicles when bus is present at existing stop, slowing operations.

Looking north at Bowery

Narrow median with no pedestrian waiting area
Existing Conditions

Heavy southbound through and left turn vehicle volumes

Congestion often block crossing at Spring

Looking west at Spring

Heavy left turns off Delancey
Create two full time receiving lanes and bus stop/rush hour lane

Shift left turn lane, remove existing substandard median, and add through lane

Reduces congestion
Clears crosswalk at Spring
Reduces pressure, lowers failure to yield potential

Create two full time receiving lanes and bus stop/rush hour lane
Improved pedestrian crossings on south crosswalks

Add greenery

New island with pedestrian waiting area

Narrower and shifted island allows for improved left turns and tree pits

Expanded neckdown
Proposal

11 second head start for pedestrians

Improves conditions for pedestrians in north crosswalk

Improved lane reduces turning pressure

Expand NSA from 60’ to 130’ to allow for useable turn lane
Before vs After

NSA
Summary

1. Reshape island to allow easier turns
2. Add new island at Spring St to improve pedestrian safety
3. Shift SB left turn bay and add another though lane with two full time receiving lanes to ease intersection congestion
4. Add 11 second leading pedestrian phase
5. Expand NSA on north curb of Delancey
Thank You

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