9th Street Bicycle Route Upgrade

Community Board 6
June 18, 2009

NYC Department of Transportation
Office of Alternate Modes
Why are we here?

- Bicycle Master Plan, PlaNYC and Bicycle Injury Study
- Neighborhood Concern about Operations on 9th Street
- Traffic Calming
- 9th Street Bike Route Implementation in 2007
Creating a Neighborhood-Wide Bicycle Network

Proposed Location

- 9th Street between 3rd Avenue and Hamilton Avenue
- 1.0 lane miles
- Included in the NYC Bicycle Master Plan
- Connections to existing bicycle facilities
Existing Conditions

- 35’ wide 2-way street from 3rd Avenue to Smith Street
- 26’ wide 1-way street from Smith Street to Hamilton Avenue
- Erratic driving due to lack of lane definition
- Varied parking regulations
- Existing Class 3 bicycle route
- Connects to bicycle lanes beyond 3rd Avenue
3-Year Crash History

Crashes 2005-2007

- 62 reported crashes
- Zero Fatalities
DOT Design Philosophy

- Complete Streets
  - Pedestrians
  - Cyclists
  - Automobiles
  - Buses

- A good design improves the street for all users.
Design Treatments

- Green Bicycle Lane (Class 2)
- Bike Box
- Bicycle Route (Class 3)
- Intersection Markings
- Directional Sign
Proposed Improvements

3rd Avenue to 2nd Avenue
Shared route in both directions

Example of Shared Lane

Proposed Cross-Section

7' Parking
10.5' Travel Lane w/ shared bicycle route
10.5' Travel Lane w/ shared bicycle route
7' Parking

SIDEWALK

SIDEWALK
Proposed Improvements

2nd Avenue to Smith Street
Green curbside bike lane

Example of Green Curbside Bike Lane

Proposed Cross-Section
Proposed Improvements

Smith Street to Hamilton Avenue
One-way green curbside bike lane

Example of Green Curbside Bike Lane

Proposed Cross-Section

6’ Bike Lane  12’ Travel Lane  8’ New Parking Lane
Proposed Parking Regulation Changes

Existing Regulations

Proposed Changes

Legend:
- Red: No Parking Anytime
- Orange: No Standing Anytime
- Green: No Parking 7AM-7PM M-F
- Yellow: No Standing 7:30-10AM
- Pink: No Stopping
- Blue: Sweeping Regulation
- Purple: Change in Parking Spaces by Block

Change in Parking Spaces by Block:
- +9
- +24
- -8
- -10
New Turn Lanes

New dedicated turn lanes will provide additional guidance to drivers and maintain existing intersection capacity.

Location of New Vehicle Turn Lanes
Improvements for Motorists and Cyclists

• **Motorists:**
  – Defined travel lanes
  – Dedicated turn lanes
  – New parking spaces

• **Cyclists:**
  – Dedicated space
  – Improved safety
  – New Bike Boxes
End of Presentation

Questions?