



MacDougal, Thompson,
Washington Square North

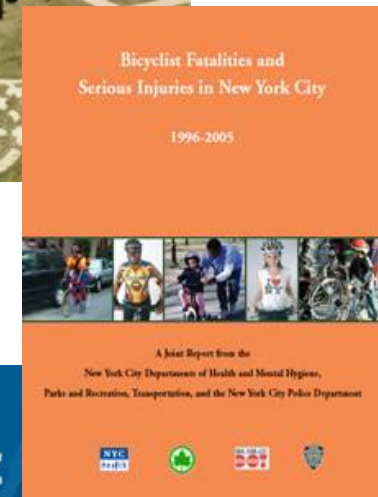
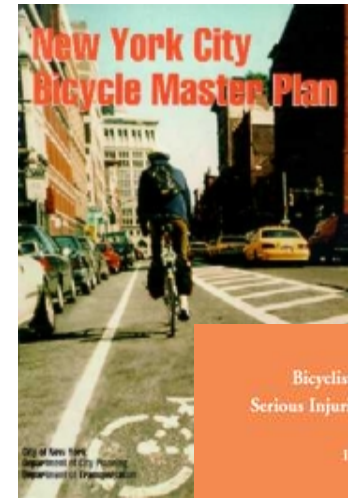
Presentation to:
Community Board 2
April 14, 2009





Why are we here?

- Building a Citywide Bicycle Network: Bicycle Master Plan
 - 1997
- Bicycle Fatality Study -Improve Safety
 - 2006
- Mayor's PlaNYC – A Greener Transportation Network
 - 2007





Cycling Growth in Project Area

- New York City cycling increases
 - 35% increase in cycling commuters from 2007-2008
 - 100% increase in all bicycle traffic since 2002
- Bicycle transportation mode share
 - New York City = 0.6%
 - Manhattan = 60% higher than NYC
 - CB2 = 40% higher than Manhattan
- Community college campuses pushing for increased bicycle transportation
 - New York University launched bicycle share program
 - The New School promoting bicycle transportation around its campus
- Prince Street bicycle lane installation in 2007
 - 38% increase in cycling

Project Overview

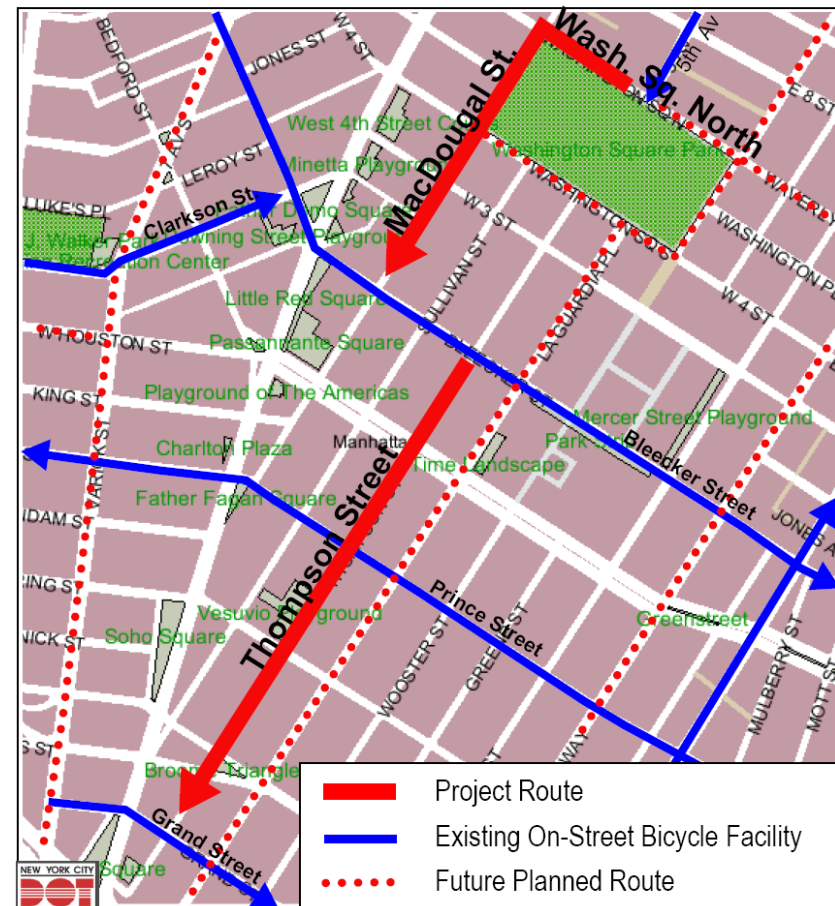
- Connects 5th Avenue bicycle lane to the existing network, including:
 - Bleecker Street
 - Prince Street
 - Grand Street
- Provides another feeder route to Grand Street parking protected bicycle path
- Enhances access, safety and circulation for area residents and the large student population

Bicycle Route Project

MacDougal - Thompson - Washington Square North Southbound Bicycle Route from 5th Avenue

Manhattan, 0.8 Lane Miles

May 2009, Fiscal Year 2009



Bicycle Program



Design Treatments

Bicycle Improvements

- Green Bicycle Lane (Class 2)
- Bicycle Route (Class 3)
- Bicycle Boxes
- Intersection markings
- Bicycle Route Signage



**Green Bicycle Lane
(Class 2)**



**Bicycle Route
(Class 3)**



Bike Box



**Intersection
Markings**



**Directional
Sign**

Washington Sq. North & MacDougal St.

Proposed Improvements

- Curbside green bicycle lane along south side of Washington Sq. North, then down east side of MacDougal Street
- Facility for 5 blocks:
 - 5th Ave – MacDougal St. (westbound direction)
 - Wash. Sq. North – Bleecker St. (southbound direction)



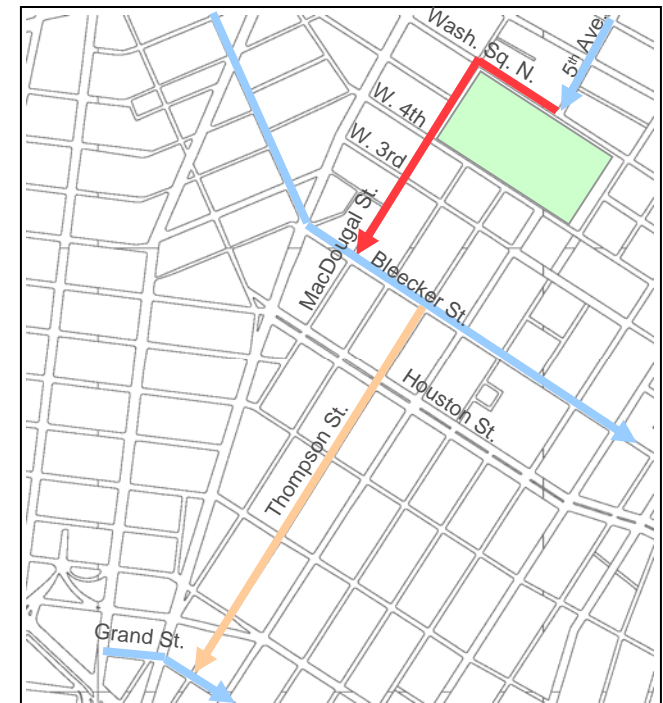
- Green bicycle lane next to curb
- Rest of project
- Connecting routes

No parking will be affected

MacDougal St. between West 3rd St. and Bleecker St.

Example of Design:

Bleecker St. between Charles St. and West 10th St.



Thompson Street Proposed Improvements

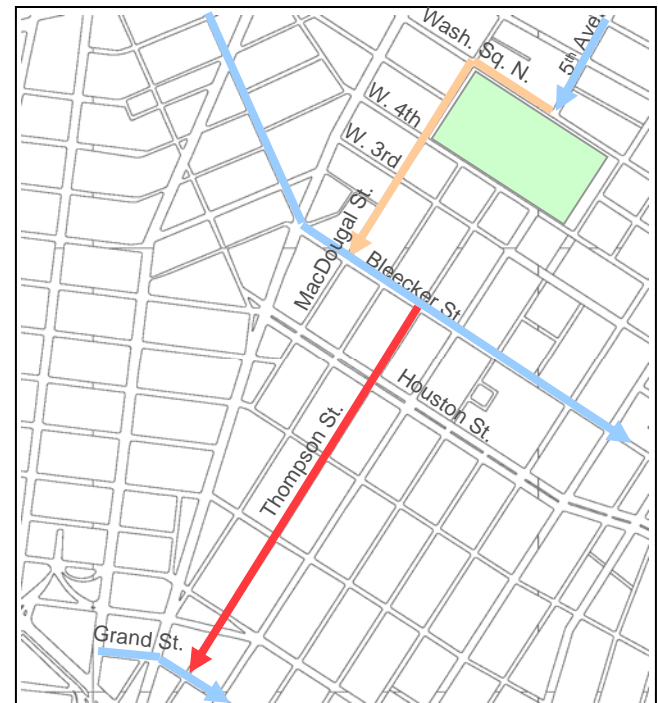
- Bicycle route (Class 3)
- Facility for 6 blocks: Bleecker Street – Grand Street
 - Bicycle que jump at Broome Street
 - Curbside bike lane from Broome Street – Watts Street



Thompson St.
between Bleecker St.
and Houston St.

Example of Design:
Pacific St. between
Boerum Pl. and Court St.

- Bicycle route (shared lane)
- Rest of project
- Connecting routes





Peak truck loading demand

- Peak hours are:
 - 1 pm – 2 pm
 - 4 pm – 5 pm

MacDougal Street: West 4th Street - Bleecker Street	
Current Capacity for Loading	52 trucks
Current Utilization at Peak Hours	9 trucks
Proposed Capacity	27 trucks
Utilization after project	33%



End of Presentation

- More information on this and recent projects is available at nyc.gov/dot