Manhattan Bridge & Chinatown
Street Safety Improvements

Presentation to:
Manhattan Community Board 3 - Transportation Committee

July 11th, 2007
Why Are We Here?

- Priority School Reports: Improve School Safety
- Canal & Forsyth Multimodal Safety Project
- Bicycle Fatality Study: Improve Cyclist Safety
- PlaNYC: Green Transportation Infrastructure
Location
School Safety Improvement Locations

Priority School location

Safety Project locations
Priority Schools

- 135 Priority School Reports: November 2006

  **Safety Measures** at IS 131 and PS 124 are scheduled for installation this summer.

  Work will be coordinated with Manhattan Bridge re-opening.

  Intersections Improvements at:
  - Canal Street (at Forsyth and Eldridge Streets)
  - Hester Street (at Chrystie, Forsyth & Eldridge streets)
  - Division Street (at Forsyth and Market streets)
  - Bowery at Bayard Street
  - East Broadway (at Market St & Catherine St)
Examples of Recommended Measures

- More than **90%** of Students at IS 131 & PS 124 **walk or take transit**
- Pedestrian Safety Improvements are the priority
Priority School PS 124

- Refuge Islands
- Sidewalk Extensions

Extending sidewalk and closing of slip road under overpass
Priority School IS 131

Canal & Forsyth Issues
- Intersection doesn’t function well for all users
- **Motorists**: potential head-on conflict
- **Pedestrians**: Blind corner with Cyclists exiting Manhattan Bridge & long crossings
- **Cyclists**: No westbound access to Chrystie St, conflict with pedestrians
Existing Condition

Canal at Forsyth

- Vehicle head-on conflict
- Illegal Westbound Traffic on Eastbound Canal

Looking west on Canal Street from Forsyth Street
**Manhattan Bridge**

- **Major Bicycle-Pedestrian Conflict**
  - DOT has received citizen complaints about this issue

  - Bicyclists exit Manhattan Bridge at high speeds into sidewalk
  - Blind corner
  - Pedestrians hidden behind wall
  - School crosswalks
  - Adjacent Priority School I.S. 131
Canal at Forsyth Street

- Bicycle-pedestrian conflict

A pedestrians view looking north towards Canal Street …

A cyclists view looking east towards Forsyth Street …
Canal Street at Forsyth Street

- 8% grade on ramp
- AASHTO recommends 5%
Canal at Forsyth

- Sidewalk Extensions shorten crossing distance and provide additional space
- Fence separates bicycle & pedestrian
- Median on Canal Street will reduce head on conflict
Schedule

- **Summer 2007:**
  - School Safety Recommended Improvements
- **Fall 2007**
  - Manhattan Bridge re-opening
End of Presentation