

Broadway at West 71st Street and Amsterdam Avenue

Local officials and members of the community asked DOT to improve pedestrian safety at this busy Upper West Side crossroads. Its complex 6-legged geometry creates challenges for pedestrians, drivers and cyclists alike. Another factor is the 72nd Street subway station, which draws significant pedestrian traffic right to the center of the intersection. To help relieve pedestrian overcrowding on the medians,

DOT created extensions with markings and granite blocks. In addition to providing more pedestrian space, these areas increase people's visibility to traffic and reduce crossing distances. DOT also added two new crosswalks at major pedestrian "desire lines" - routes that had not been designated crossings but which many people used nonetheless. One of these desire lines runs through the center of

the intersection, connecting the subway station with the Broadway Mall to the south. By improving pedestrian access and providing a buffer against passing traffic, DOT's project strengthens the 71st Street Greenstreets and Broadway Malls as functional public spaces.

Responding to community requests, DOT's safety improvements led to a 38% reduction in pedestrian injuries in the heart of the Upper West Side.



Countdown pedestrian signals help people cross safely

Two new crosswalks serve desire lines

Extended pedestrian islands shorten crossing distances

Facing South on Broadway at W 71st and Amsterdam

- Safety enhancements requested by Manhattan Borough President Scott Stringer, Assembly Member Linda Rosenthal, Community Board 7 and other community groups.

- **3,000 sq ft** of new pedestrian space
- Crossing distance reduced by **27%**
- Crashes with injuries declined **8%**
- No significant impact on vehicle travel times

Vehicle Travel Times Before and After Improvements

	Before	After	% Change
W 66th St to W 75th St via Amsterdam Ave & W 75th to W 66th St via Broadway	7:46	7:29	-4%
W 66th St to W 75th St via Broadway/ Amsterdam Ave & W 75th to W 66th St via Broadway/ Amsterdam	7:20	7:26	+1%

Crashes with Injuries Broadway/Amsterdam/W71

	Before* (three previous years)			After
Total Crashes with Injuries	7	5	1	4
Number of Crashes with Injuries to:				
Motor Vehicle Occupants	0	1	0	0.7
Pedestrians	4	3	1	2
Bicyclists	4	1	0	1.3

*Before columns show the crash history for each of the three years immediately prior to project implementation. After column shows number of crashes since implementation (through May 2013) at annual rate. See page 46 for further information on crash data source and analysis methodology. The sum of the three specific categories may not equal "Total Crashes with Injuries" because some crashes involved injuries in multiple categories.