

Adam Clayton Powell Jr. Blvd Post Implementation Community Board 10



Commissioner Janette Sadik-Khan New York City Department of Transportation
Manhattan CB 10, Transportation Committee

December 12, 2012



Project Summary

Before



Phase 1 Project Limits:

- W 133 St – W 153 St

Implemented Phase 1: August 2012:

- Painted pedestrian islands
- Left-turn lanes
- Wide parking lanes
- Off-peak signal timing

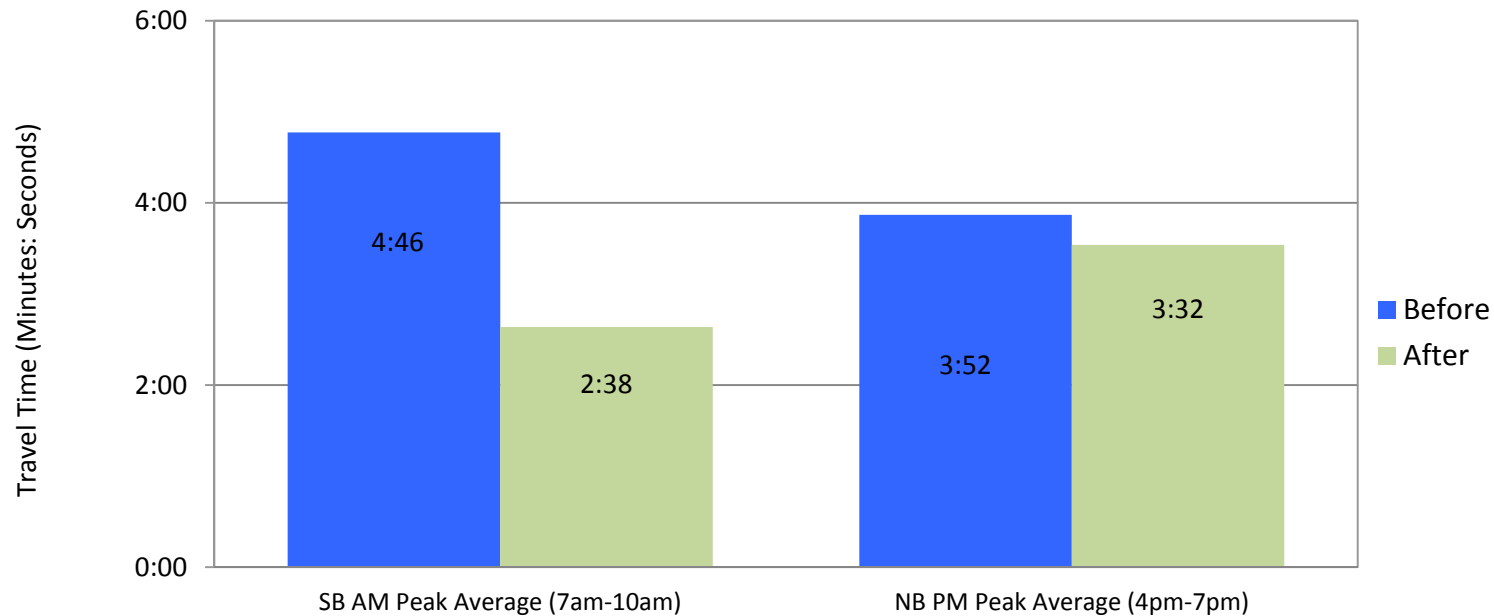
After



Peak Travel Times - Before & After

- **ACP travel times remained stable after implementation**

Adam Clayton Powell Jr Blvd Weekday Peak Hour Travel Times 135th Street to 153rd Street



Weekday average travel times derived from 18 runs conducted once every 30 minutes over three days
Before travel time surveys conducted June 6-9, 2011
After travel time surveys conducted October 16-18, 2012

Travel Time (Minutes: Seconds)

Traffic Speed – Frequency of Speeding

During the evening/night when speeding is worst the following occurred:

- **BEFORE: 60%** exceeded speed limit
- **AFTER: 40%** exceeded speed limit

Adam Clayton Powell Jr Blvd Between W. 133 rd and W 134 th Streets Percent of Vehicles Over 30 MPH				
Time Period	Northbound		Southbound	
	BEFORE	AFTER	BEFORE	AFTER
	May 2010	November 2012	May 2010	November 2012
Evening/Night	66%	40%	62%	40%

Source: NYCDOT Radar Study

Traffic Speed – Maximum Speed

During the evening/night when speeds are worst the following occurred:

- **BEFORE:** Maximum speed recorded was **52 mph**
- **AFTER:** Maximum speed recorded was **45 mph**

Adam Clayton Powell Jr Blvd Between W 133 rd and W 134 th Streets Evening Period Maximum Speed (mph)				
Time Period	Northbound		Southbound	
	BEFORE	AFTER	BEFORE	AFTER
	May 2010	November 2012	May 2010	November 2012
Evening/Night	49.0	42.0	52.0	45.0

Source: NYCDOT Radar Study

Safety- Before & After (Oct/Sept) Crash Statistics

- **Crashes on ACP are down 32%**

Adam Clayton Powell Jr. Boulevard Number of Crashes		
Before	Year (Sept/Oct)	Period Total
	2009	33
	2010	31
	2011	48
	Total (Sept/Oct)	112
	Average (Sept/Oct)	37
After	2012 (Sept/Oct)	28

- Before period is 9/1 – 10/31 of 2009, 2010 and 2011
- After period is 9/1 – 10/31 of 2012

- Motor vehicle crash data per NYPD, between W 133rd Street and W 153rd Street
- Analysis compares the average of the three prior years (2009-2011) between September 1 and October 31 only and September 1 to October 31, 2012

Design Modifications



Revised:

- **Removed delineators**
- **Added yellow buffer lines**



Design Modifications

Installed:

- **U-Turn Lane: SB W 148th St**



Community Discussion

