

Location: Flatbush Avenue and Winthrop Street



**Intersection of Flatbush Avenue and Winthrop Street**

Description of Existing Conditions

The intersection of Flatbush Avenue and Winthrop Street is a T-shaped intersection.

Flatbush Avenue has a width of 55ft in this part of the study area with two travel lanes in each direction of traffic.

Winthrop Street is 30 ft wide and is a one-way westbound street with all vehicles making a turn onto Flatbush Avenue.

Vehicle volumes on Flatbush Avenue at this intersection is moderate and can get heavy at times. Winthrop Street on the other hand has light vehicle volumes. Pedestrian volumes in general are light at this location.

Pedestrian Accident Data 2004 -2006

5 Pedestrian Accidents

Table: C-18 – Summary of Pedestrian Accidents

<u>Accident Location</u>	<u>Year</u>	<u>Time</u>	<u>Pedestrian Action</u>	<u>P e d e s t r i a n Location</u>	<u>Vehicle Action</u>
Winthrop St	9/8/2004	dawn, rain	crossing with signal	at intersection	making a left turn
Winthrop St	1/1/2005	daylight	crossing with signal	at intersection	making a left turn
Winthrop St	4/6/2005	daylight	crossing with signal	at intersection	making a left turn
Winthrop St	3/29/2005	daylight	crossing with signal	at intersection	going straight ahead
Winthrop St	7/26/2005	dusk	crossing with signal	at intersection	making a left turn

Problems

- Pedestrian/ Vehicle Conflicts

Similar to other intersections there are often conflicts with vehicles making a turn and pedestrians crossing with the green light. The pedestrian accident data from 2004 to 2006 revealed that all pedestrians (5 pedestrians) were injured at this intersection during vehicular turning movements from Winthrop Street as pedestrians were crossing with the signal.

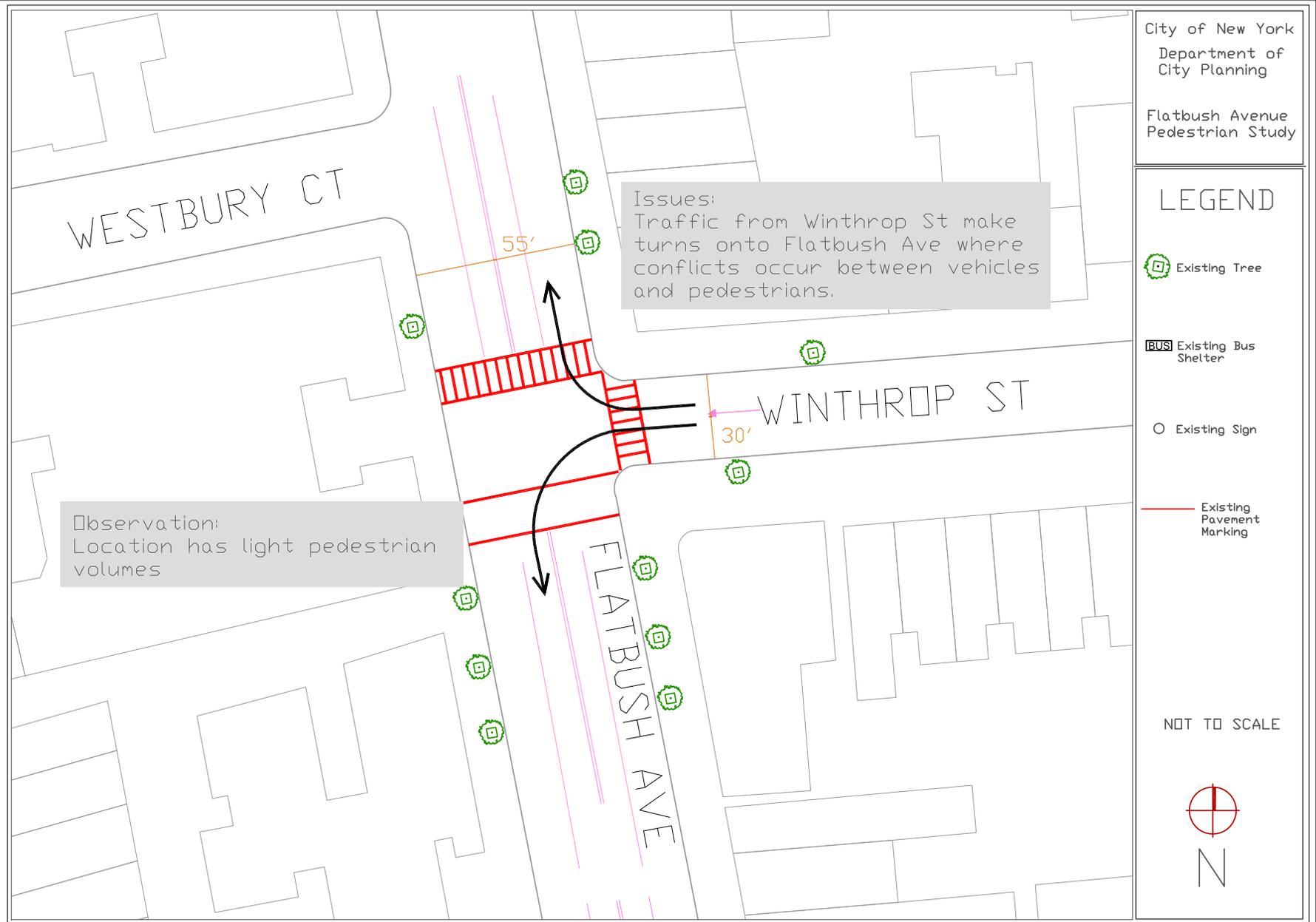
Recommendations

- Reduce Conflicts

It is recommended to install at the northeast and southeast corners of the intersection “Attention Drivers Yield to Pedestrians” signs (with graphics – See Appendix D-2) to get motorists to slow down and stop for pedestrians and also to be more aware of the presence of pedestrians at this intersection.

- Increase Enforcement

An increase in police presence on Flatbush Avenue is recommended to enforce observance of the New York State law which requires vehicles to yield to pedestrians legally using a marked crosswalk.

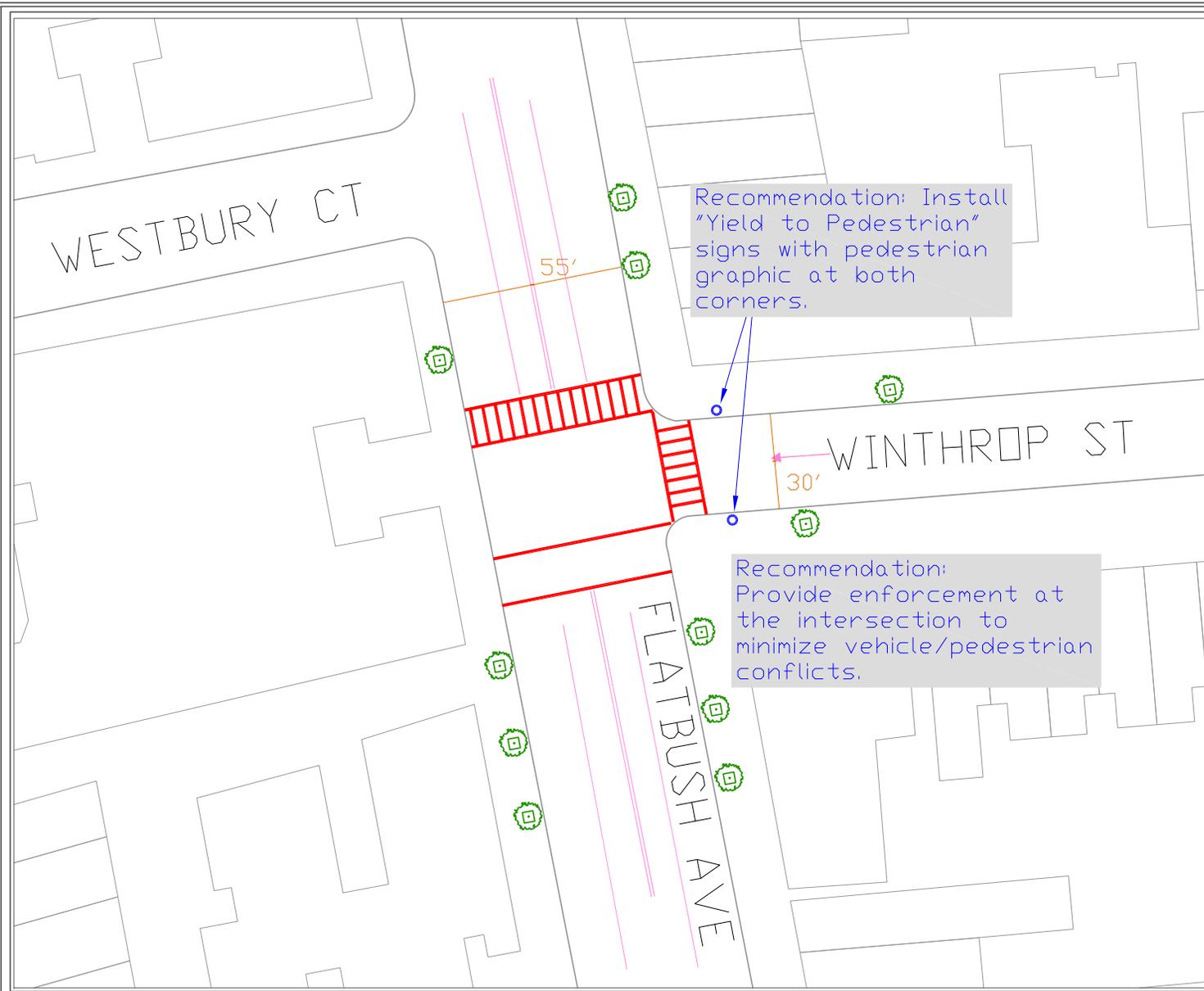


Flatbush Avenue and Winthrop Street Existing Conditions - Figure: C-6a

LEGEND

-  Existing Tree
-  Recommended Tree (shown in blue)
-  Existing Bus Shelter
-  Recommended Bus Shelter (shown in blue)
-  Existing Sign
-  Recommended Sign (shown in blue)
-  Existing Pavement Marking
-  Recommended Marking (shown in blue)

NOT TO SCALE



Recommendation: Install "Yield to Pedestrian" signs with pedestrian graphic at both corners.

Recommendation: Provide enforcement at the intersection to minimize vehicle/pedestrian conflicts.

Flatbush Avenue and Winthrop Street  
Recommendations - Figure: C-6b