

Location: Flatbush Avenue and Martense Street



Intersection of Flatbush Avenue and Martense Street

Description of Existing Conditions

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

Flatbush Avenue is 55ft wide with two travel lanes in each direction of traffic.

Martense Street has a width of 35 ft with two-way vehicular traffic.

Vehicle volumes on Flatbush Avenue at this intersection are moderate but heavy at times. Traffic volumes on Martense Street are much lighter. Pedestrian volumes are light at this location.

Pedestrian Accident Data 2004 -2006

6 Pedestrian Accidents

Table: C-20 – Summary of Pedestrian Accidents

<u>Accident Location</u>	<u>Year</u>	<u>Time</u>	<u>Pedestrian Action</u>	<u>Pedestrian Location</u>	<u>Vehicle Action</u>
Martense St	10/7/2004	daylight	crossing with signal	at intersection	not reported
Martense St	11/17/2004	daylight	crossing with signal	at intersection	making a left turn
Martense St	2/27/2005	daylight	crossing with signal	at intersection	making a left turn
Martense St	3/9/2005	night; snow, ice	crossing with signal	at intersection	making a right turn
Martense St	6/2/2005	daylight	crossing with signal	at intersection	going straight ahead
Martense St	11/12/2005	daylight	crossing with signal	at intersection	not reported

Problems and Opportunities

- Pedestrian/ Vehicle Conflicts

The situation at this intersection is similar to other intersections where conflicts occur with vehicles making turns and pedestrians crossing with the green light. Based on the pedestrian accident data from 2004 to 2006, six pedestrians were injured at the intersection as they were crossing with the traffic signal which indicates that the motorists involved in the accidents most likely did not yield to pedestrians at the intersection.

Recommendations

- New Signage

It is recommended to install at all corners of the intersection “Attention Drivers Yield to Pedestrians” signs (with graphics - see Appendix D-2) to get motorists to yield for crossing 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.

City of New York
Department of
City Planning

Flatbush Avenue
Pedestrian Study

LEGEND

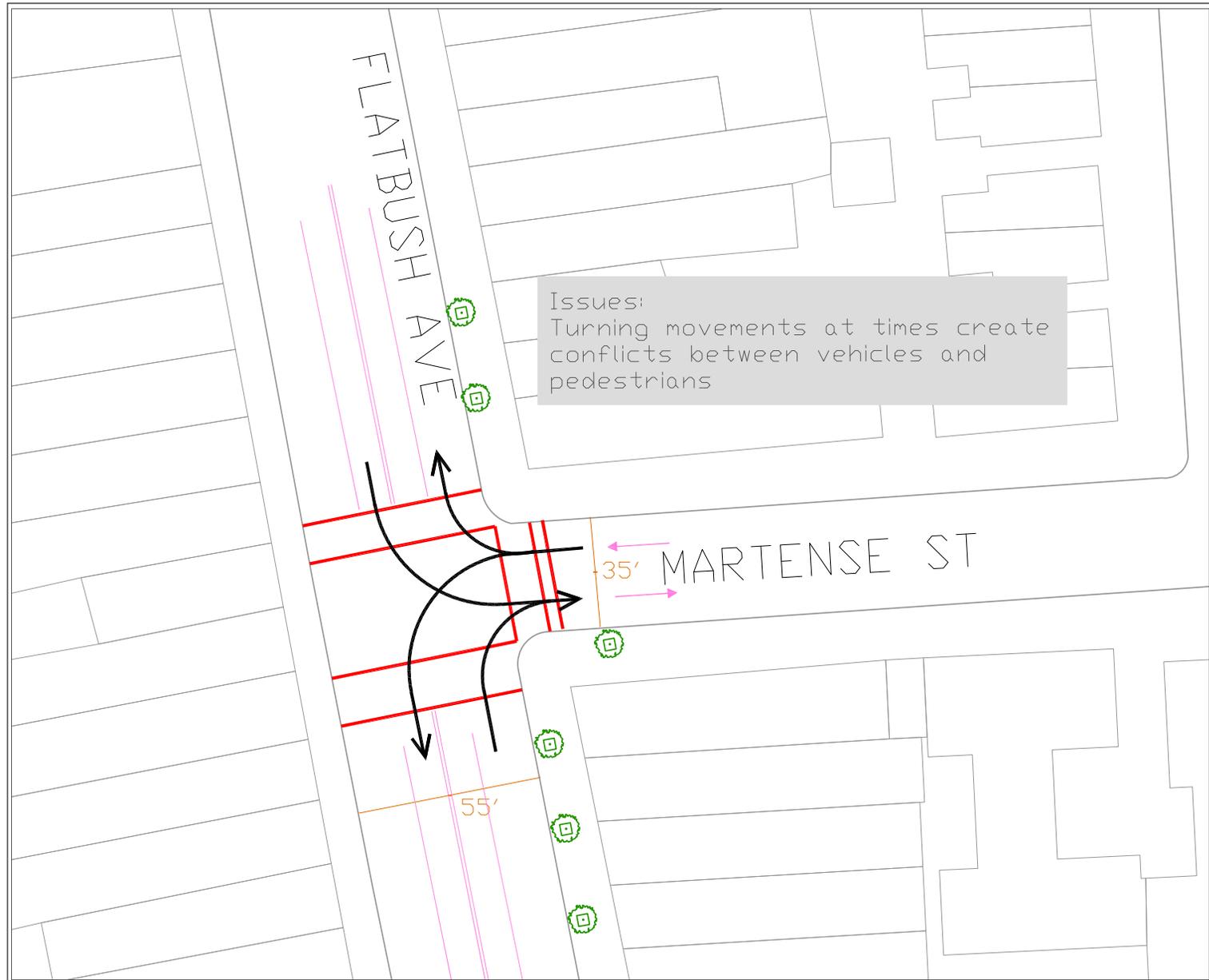
 Existing Tree

 Existing Bus Shelter

 Existing Sign

 Existing Pavement Marking

NOT TO SCALE

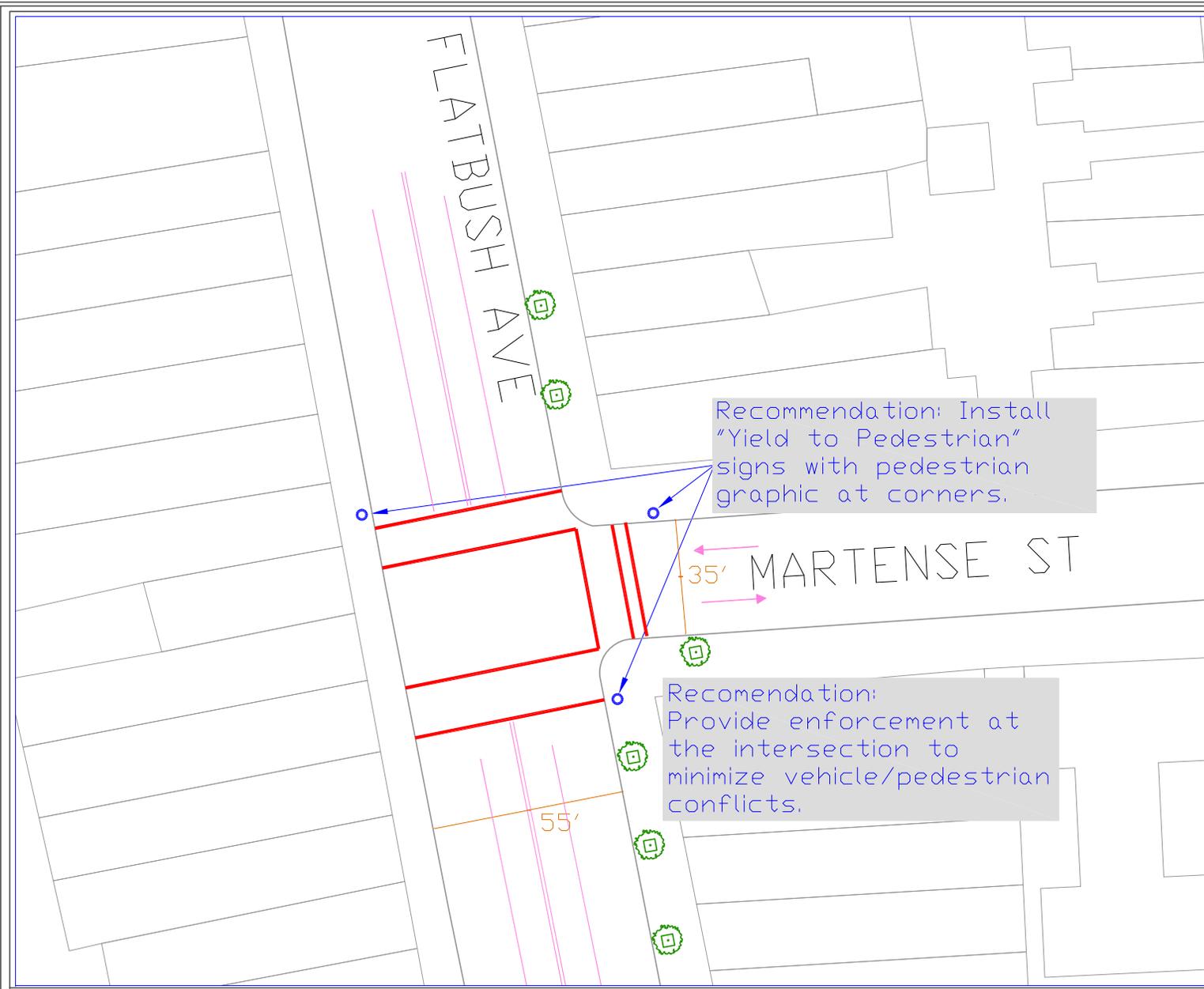


Flatbush Avenue and Martense Street
Existing Conditions - Figure: C-8a

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 corners.

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

Flatbush Avenue and Martense Street
 Recommendations - Figure: C-8b

