

Location: Flatbush Avenue and Newkirk Avenue



Intersection of Flatbush Avenue and Newkirk Avenue

Description of Existing Conditions

The width of Flatbush Avenue is 55 ft at this location with two travel lanes in each direction of traffic. Newkirk Avenue is a one-way street with a width of 25 ft to the west of Flatbush Avenue and 30 ft to the east of this avenue. Vehicular traffic travels eastbound on this street.

Vehicle volumes on Flatbush Avenue are generally heavy. Newkirk Avenue has moderate vehicle volumes which can be light at times. Pedestrian volumes are moderate to light at this location.

Pedestrian Accident Data 2004 -2006

5 Pedestrian Accidents

Table: C-24 – 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> |
|--------------------------|-------------|----------------------------|------------------------------------|----------------------------|-----------------------|
| Newkirk Ave | 12/17/2004 | daylight | crossing with signal | at intersection | going straight ahead |
| Newkirk Ave | 5/11/2005 | daylight | crossing- no signal; no crosswalks | at intersection | going straight ahead |
| Newkirk Ave | 6/29/2006 | daylight | crossing with signal | at intersection | making a left turn |
| Newkirk Ave | 8/23/2006 | daylight | crossing against signal | at intersection | going straight ahead |
| Newkirk Ave | 2/13/2006 | daylight, snow/ice surface | getting on/off vehicle | at intersection | going straight ahead |

Problems

- **Pedestrian/ Vehicle Conflicts**
 Similar to other intersections in the city there are conflicts with vehicles making a turn and pedestrians crossing with the green light. Most of the turning movements observed at this location was made from Newkirk Avenue onto Flatbush Avenue.

- **Pavement Conditions**
 The east crosswalk markings along Newkirk Avenue and the pavement at this intersection are in poor condition.

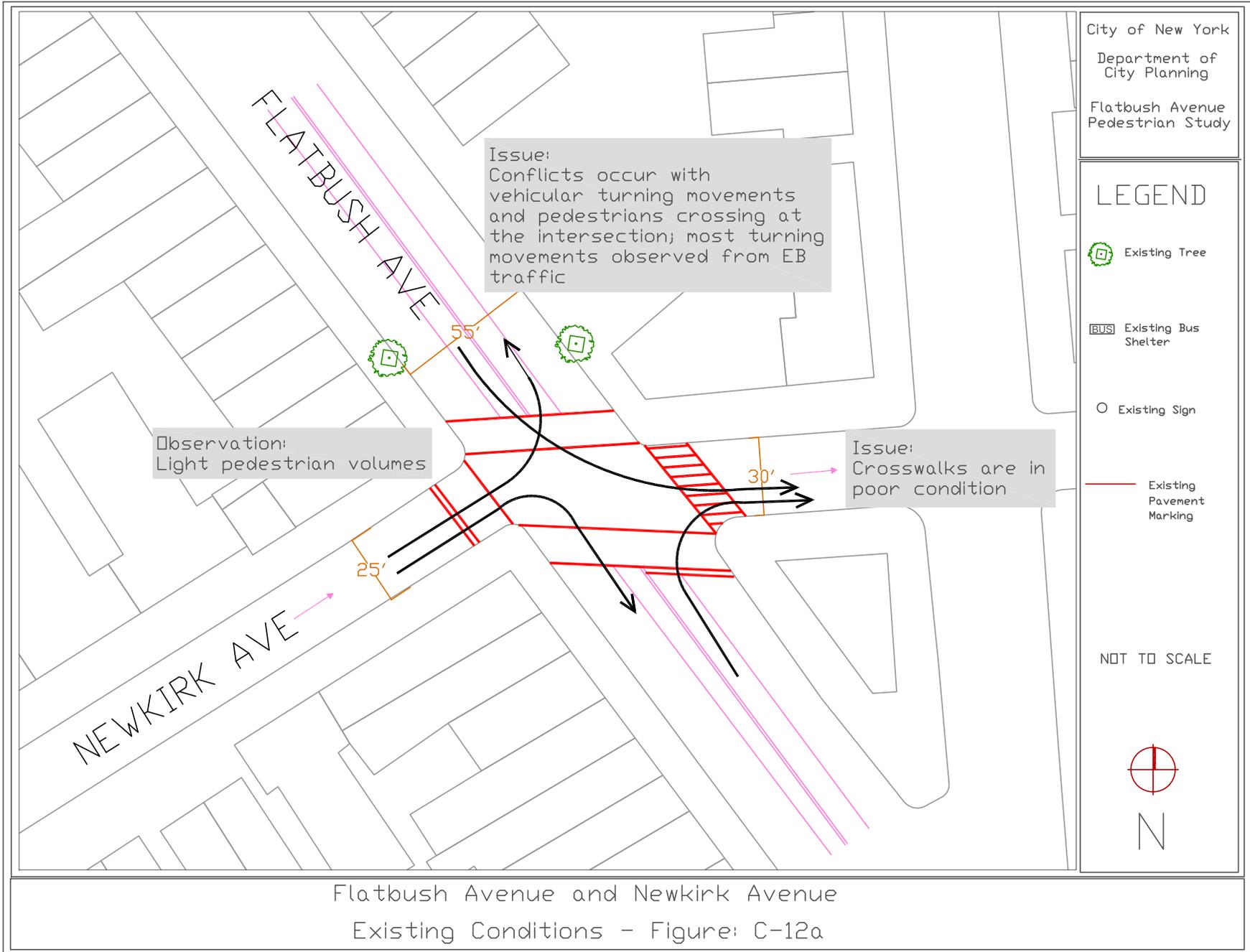
Recommendations

- Additional Signage

It is recommended to install at the southwest corner at the level of the stop bar a warning sign “Attention Drivers Yield to Pedestrians” for eastbound traffic making a turn onto Flatbush Avenue. Most of the turns are made from Newkirk Avenue and this warning sign can help modify motorists turns and improve safety for pedestrians crossing Flatbush Avenue.

- Improve Pavement Conditions

Restripe markings at this intersection, particularly the east crosswalk and repave the roadway surface.

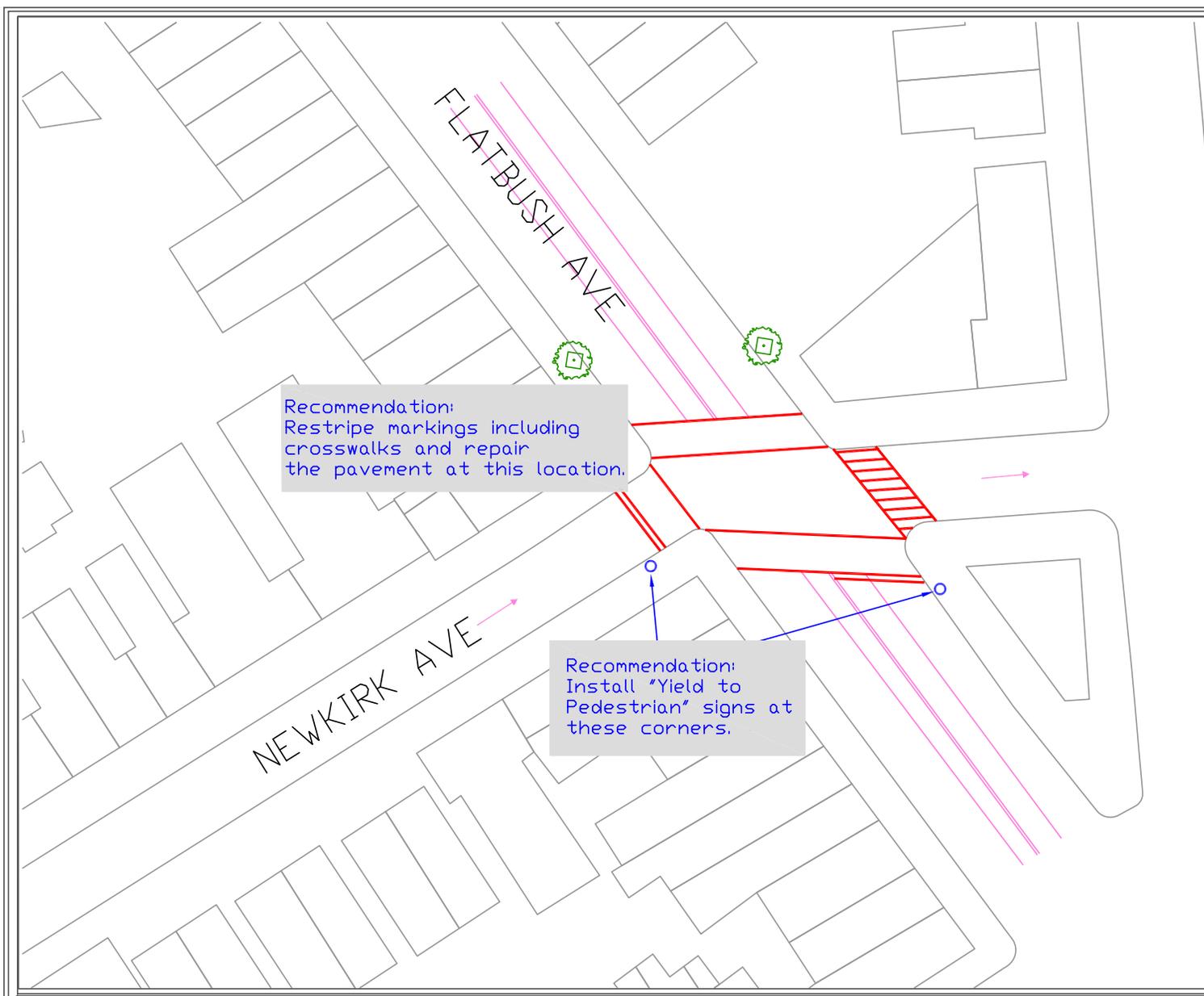


Flatbush Avenue and Newkirk Avenue
Existing Conditions - Figure: C-12a

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 Pavement Marking (shown in blue)

NOT TO SCALE



Recommendation:
 Restripe markings including
 crosswalks and repair
 the pavement at this location.

Recommendation:
 Install "Yield to
 Pedestrian" signs at
 these corners.

Flatbush Avenue and Newkirk Avenue
 Recommendations - Figure: C-12b

