

179th Street (F, V)

At this intermodal station located along Hillside Avenue, high levels of congestion result from heavy vehicular and pedestrian traffic. The recommendations for this site are as follows:

System-wide:

- Install subway signs surrounding station entrances
- Highlight concrete risers near subway stairwells with orange or yellow thermoplastic
- Install Light Emitting Diode (LED) lighting on all traffic signals
- Install universal pedestrian signals

Station type:

- Assign appropriate curb use for taxis and passenger loading, and install appropriate lane markings and signage for such uses



Subway entrance stairwells, bus stops, and commercial activity contribute to congested sidewalk conditions at the 179th Street subway station.

Site-specific:

Hillside Avenue is a two-way arterial that carries heavy vehicular traffic, resulting in difficulty for pedestrians trying to cross the avenue. This is particularly true at the T-intersection of Hillside Avenue and Midland Parkway. We recommend three ways to assist pedestrians in safely crossing Hillside Avenue:



Replacing the striped median with a raised concrete median would provide improved pedestrian refuge space along Hillside Avenue.

1) Create a protected right turn phase on Midland Parkway so that right turning vehicles do not conflict with pedestrians crossing Hillside Avenue; 2) Extend the pedestrian crossing time on Hillside Avenue by shortening crossing time on Midland Parkway; 3) Extend the Midland Parkway median into the crosswalk to provide pedestrian refuge space. Additional pedestrian refuge space may also be provided along Hillside Avenue by installing a concrete median in place of the existing striping and extending the medians into the crosswalks.

It is recommended that all crosswalks are changed to ladder (or school) crosswalks to increase their visibility.

Several bus stops along Hillside Avenue are marked with ambiguous signage. The bus signage should be changed to the new reflective signage which clearly indicates the bus routes and where they stop.

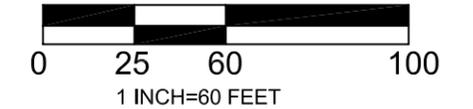
The existing street lighting along Hillside Avenue does not provide sufficient light to illuminate the sidewalk. In response, NYCDOT has agreed to install an additional standard lightpole at the southwest corner of Hillside Avenue and 179th Street to illuminate the area near the station entrance.

Subsequent to the release of the *Technical Memorandum IV: Issues and Opportunities* report, universal pedestrian signals and LED lighting were installed at this location. Also, several crosswalks need to be restriped, given the repaving of Hillside Avenue.

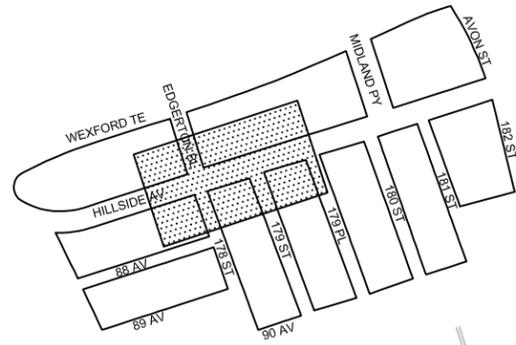
Drawing 1 of 2

179TH STREET - JAMAICA QUEENS BLVD. LINE

DEPARTMENT OF CITY PLANNING
TRANSPORTATION DIVISION
2 LAFAYETTE, RM 1200
NEW YORK, NY



SURVEYED: MARCH 6, 2000
MAPPED: MAY 18, 2000



Crosswalk Widening:
Widen crosswalks obstructed by columns to improve the sightline of motorists and minimize the impact on crossing pedestrians.

LED Lighting and Universal Pedestrian Signals:
Subsequent to the release of the *Technical Memorandum IV, Issues and Opportunities* report, LED lighting and universal pedestrian signals have been installed at this location.

Subway Signs:
Install subway signs adjacent to subway entrance.

Crosswalk Design:
Make all crosswalks ladder crosswalks.

Pedestrian Refuge Island:
Install a raised median in place of the existing striping and extend the median into crosswalks to provide pedestrian refuge.

Pedestrian Scale Lighting:
Install pedestrian scale lighting on the south side of Hillside Avenue.

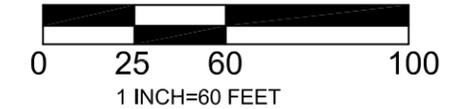
-  SUBWAY ENTRANCE
-  STREET TREE
-  STREET VENDOR
-  PARKING SIGNAGE
-  TRASH CAN
-  DUMPSTER
-  STREET LIGHT
-  TRAFFIC SIGNAL
-  PEDESTRIAN SIGNAL
-  PARKING METER
-  FIRE HYDRANT
-  MAIL BOX
-  BOLLARD
-  PHONE
-  PLANTINGS
-  BUS LANE



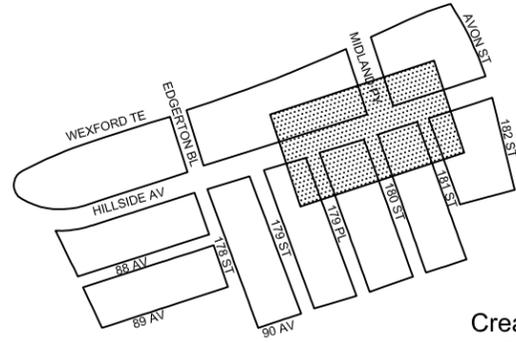
Drawing 2 of 2

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Signal Placement / New Signal:
Create a protected right turn lane on Midland Parkway and provide a right turn phase, so that right turning vehicles do not interfere with pedestrians crossing Hillside Avenue.

Extended Pedestrian Crossing Time:
Extend pedestrian crossing time on Hillside Avenue and shorten pedestrian crossing time on Midland Parkway.

Standard Bus Signage:
Install new circular, reflective signs listing routes at all bus stops.

Increase Taxi Stand Usage:
Make the taxi stand more viable by adding street markings.

Pedestrian Refuge Island:
Extend the Midland Parkway median into the crosswalk to provide pedestrian refuge space.

Highlight Concrete Riser:
There is no concrete riser at this entrance, however, there is an incline in the grade of the pavement that should be highlighted.

Pedestrian Refuge Island:
Install a raised median in place of the existing striping and extend the median into the crosswalks to provide pedestrian refuge.

Crosswalk Design:
Make all crosswalks ladder crosswalks.

New Crosswalks: Subsequent to the release of the *Technical Memorandum IV, Issues and Opportunities* report, the road has been repaved. Several crosswalks still need to be restriped.

Crosswalk Design:
Realign crosswalk to improve sightlines and visibility of pedestrians crossing Hillside Avenue.

- SUBWAY ENTRANCE
- STREET TREE
- STREET VENDOR
- PARKING SIGNAGE
- TRASH CAN
- DUMPSTER
- STREET LIGHT
- TRAFFIC SIGNAL
- PEDESTRIAN SIGNAL
- PARKING METER
- FIRE HYDRANT
- MAIL BOX
- BOLLARD
- PHONE
- PLANTINGS
- BUS LANE

