Morningside Avenue

2013

Commissioner Janette Sadik-Khan, New York City Department of Transportation
Presented by Division of Traffic & Planning, October 23rd, to Community Boards 9 & 10
Project Background

Morningside Avenue - W 116th St to W 126th St, MN

Injury Summary, 2007-2011 (5 Years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>27</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>9</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>66</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>102</td>
<td>9</td>
<td>0</td>
<td>9</td>
</tr>
</tbody>
</table>

Fatalities, 01/01/2007-7/1/2013: None

Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or Severely Injured

2 pedestrian fatalities in 2006

Morningside Ave narrows to 42’ south of W 116th St and to 38’ north of W 126th St

Morningside Ave separates park from community to the east
Morningside Ave Corridor
Existing Conditions

60' roadway with low traffic volumes
= excess capacity + speeding

58% of northbound vehicles and
66% of southbound were speeding
during recent speed survey
### Safety Results from Similar Treatments
4 lane to 3 lane Traffic Calming

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>CRASHES WITH INJURIES (% CHANGE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEST 6TH STREET</td>
<td>-24%</td>
</tr>
<tr>
<td>EMPIRE BOULEVARD</td>
<td>-15%</td>
</tr>
<tr>
<td>ALLERTON AVENUE</td>
<td>-28%</td>
</tr>
<tr>
<td>GERRITSEN AVENUE</td>
<td>-40%</td>
</tr>
<tr>
<td>SOUTHERN BOULEVARD</td>
<td>-20%</td>
</tr>
<tr>
<td>RANDALL AVENUE</td>
<td>-22%</td>
</tr>
<tr>
<td>MACOMBS ROAD</td>
<td>-44%</td>
</tr>
</tbody>
</table>
Morningside Ave and W 118th St/W 117th St

Existing Conditions

No crosswalks or vehicle control at playground entrances

60 feet

View North at W 118th St

Park Entrance
Morningside Ave and W 120th St
Existing Conditions

- PS IS 180
- Park Entrance
- Long crossing between school and park entrance

View South at W 120th St
Morningside Ave and W 123rd St
Existing Conditions

Park Entrance

PS 125

Children cross 60’ street between residential and park/ PS 125

View South
Morningside Ave
Existing Corridor Conditions

Volumes
385 AM/325 PM
10 vehicles per signal cycle

Legend
Parked vehicle
Moving thru vehicle
Left turning vehicle
Stopped blocked vehicle

Left-turning vehicle waiting for gap faces back pressure from cars that want to continue straight
Morningside Ave
Proposed Corridor Conditions

Better organization and lane assignments allow for same volume with safety improvements

Thru traffic has a clear uninterrupted path

Left-turning vehicle has space to wait for gap
Morningside Avenue
Example of Road Striping

West 6th Street, Brooklyn

One lane in each direction

Wide parking lanes
Morningside Avenue
Proposal

New Stop Sign at W 118th St

Left turn bay

Safer two part crossing

Lenox Ave & W 125th St
Morningside Ave and Hancock Pl
Existing Conditions

Pedestrian desire line along W 125th Street puts them in conflict with cars entering Hancock Place.

Over 500 pedestrians cross an hour during PM peak.
Morningside Ave and Hancock Pl Proposal

- Left turn lanes
- Painted curb extension for better alignment
- Clarified vehicular paths eases traffic flow
- Pedestrian signal and crosswalk
- Expanded sidewalk
Morningside Ave and W 126th Street

Existing Conditions

North of W 126th Street, Morningside narrows to 38’ creating a skewed alignment

Five injuries at this intersection in 5 year period from 2007-2011
Two were pedestrian
Morningside Ave and W 126th Street Proposal

New left turn lanes

Paint neckdown improves alignment

Delancey Street, MANHATTAN
Improvements for Morningside Avenue:

1. Reduce travel lanes from four to three lanes, one in each direction with left-turn lanes as needed between W 116th Street and W 126th Street.
2. Construct pedestrian islands on Morningside Avenue at W 123rd Street, W 120th Street, W 118th Street and W 117th Street.
3. Extend concrete curb on existing GreenStreet at Morningside Avenue and Hancock Place.
4. Extend NE curb with colored coating at intersection of Morningside Ave and Hancock Place.
5. Extend SE curb with colored coating at intersection of Morningside Avenue and W 126th Street.
6. Add stop sign on Morningside and W 118th Street.
7. Add pedestrian signal and new crosswalk at Hancock Place.
Thank You

www.nyc.gov/dot
Parking Summary

Net parking loss of two spaces
- 1 for new crosswalk at W 125th Street and Hancock Place
- 1 for curb extension at W 120th Street park entrance
W 120th and W 123rd Streets Proposal

- New left turn bays
- Safer two part crossing
- Wide parking lanes