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

<table>
<thead>
<tr>
<th>Injury Summary, 2007-2011 (5 Years)</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
</tr>
</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>

*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

125 St (A,B,C and D trains)
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 6(^{TH}) 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

Park Entrance

60 feet

View North at W 118th St
Morningside Ave and W 120th St
Existing Conditions

PS IS 180

Park Entrance

60 feet

Long crossing between school and park entrance

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

Existing Conditions

60 feet

Children cross 60’ street between residential and park/ PS 125
Morningside Ave
Existing Corridor Conditions

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

Volumes
385 AM/325 PM
10 vehicles per signal cycle

Left-turning vehicle waiting for gap faces back pressure from cars that want to continue straight.
Morningside Avenue Profile

**EXISTING**

- 19' Combined Parking/Moving Lane
- 11' Moving Lane
- 11' Moving Lane
- 19' Combined Parking/Moving Lane

**PROPOSED**

- 14' Parking Lane
- 10' Moving Lane
- 12' Turn Bay/Flush Median
- 10' Moving Lane
- 14' Parking Lane

60'
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
Plan Summary

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, W118th 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

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