Riverside Dr at W72nd St
Pedestrian Improvements

Commissioner Polly Trottenberg  New York City Department of Transportation
Presented by the Pedestrian Projects Group on May 13, 2014 to Community Board 7 Transportation Committee
CB 7 voted in support of proposal

West 79th St

HH Pkwy Exit

West 72nd and Riverside Drive

West 72nd St

HH Pkwy Entrance

Henry Hudson Parkway

Riverside Drive

Riverside Park

Hudson River
Project Background

West Side Transportation Study (Began 2007)

- 3 public meetings and business survey
- Requests for pedestrian safety and traffic improvements at W72nd at Riverside Dr


Crash Data

- While crash data is low, street is over engineered for current traffic volumes, encouraging high speeds

<table>
<thead>
<tr>
<th>W72ST At Riverside Dr, MN</th>
<th>Injury Summary, 2007-2011 (5 Years)</th>
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<tbody>
<tr>
<td>Pedestrian</td>
<td>1</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>0</td>
</tr>
<tr>
<td>Motor/Vehicle Occupant</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>2</td>
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</tbody>
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Fatalities, 01/01/2007-3/3/2014: None
Existing Conditions – W72\textsuperscript{nd} St

- Overly wide intersection
- Excessive roadway with low volumes
- No crosswalk
- Indirect crosswalks
Existing Conditions – W72\textsuperscript{nd} St

- Long distance allows cars to accelerate as they approach crosswalk
- Poor sight lines due to wide intersection
- Radius = 50’
- Radius = 121’
- Typical Radius = 12’
- Large radii encourages high speeds
Existing Conditions – W72nd St

Frequent double parking condition
Existing Signal Phasing – W72nd St

Phase A: Riverside Dr
44 secs

Phase B: W72nd St
35 secs

Phase C: W72nd Left Turn
11 secs

Separate phase for 35 left turns in the peak hour
Proposed Plan – W72\textsuperscript{nd} St

1. Painted sidewalk extensions

2. New crosswalk

3. Lanes match volumes

W70th St and West End Ave
Proposed Treatment Example

W70th St and West End Ave
Proposed Plan – W72nd St

Double parked vehicles still allow for moving traffic to pass

South curb bump out does not block main building entrances
Proposed Signal Phasing – W72nd St

Phase A: Riverside Dr
35 secs

Phase B: W72nd St
30 secs

Phase C: All Pedestrian
25 secs
Anticipated Benefits – W72nd St

1. Traffic calming
2. Shorter, safer pedestrian crossings
3. Organized vehicle movements