3rd Avenue, 63rd - 72nd Streets
66th Street, 2nd-3rd Avenues
Pedestrian Safety Improvements

New York City Department of Transportation
Presented by the Pedestrian Projects Group, October 7, 2015 to Manhattan CB 8 Transportation Committee

2015 & 2016
Project Area

Shopping and restaurant corridor with dense residential use

Nearby subways and multiple bus routes

Near Central Park
Project Background

- CM Garodnick requested median enlargement on 66th St at 3rd and 2nd Aves (2010)
- Safety improvements implemented on 3rd Ave at 79th St and 86th St (2013) and 60th St (2014)
- DOT repaving of 3rd Ave between 64th St and 72nd St is opportunity for updated road markings to improve safety (October 2015)
Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors and Areas identified in each borough
  - 3rd Ave and 2nd Ave are Priority Corridors in Manhattan
  - Project locations are in Priority Area

Manhattan Priority Map
On 3rd Ave, both E 63rd St and E 66th St had seven pedestrian injuries from northbound left-turning vehicles, four of them being moderate to severe.
Rapid Response Toolkit

- Painted and/or gravel surfaces
- Planters with maintenance partner
- Pavement markings
- Flexible delineators
- Sign installation
- Concrete islands & sidewalk extensions
Existing Conditions

3rd Ave is a wide corridor with excess capacity.

70’ with 5 moving lanes

Looking south on 3rd Ave at E 71st St
Cross Section: 3rd Ave from 60th to 72nd

EXISTING
3rd Ave: 60th St to 72nd St

PROPOSED
3rd Ave: 60th St to 72nd St

*Left-turn lanes approaching 63rd, 66th, & 72nd Sts and right-turn bay approaching 66th St
Existing Conditions

Looking south on 3rd Ave at E 66th St

Pedestrians waiting in the roadbed to cross in the shadow of parking lane
Proposal: E. 63rd St

Neckdown on northwest corner*

MTA to build sidewalk extension as part of elevator project (2016)

New left turn lane to clarify movements

*Concrete or paint to be determined
Proposal E. 72\textsuperscript{nd} St

New left turn lane to clarify movements
Proposal: Similar Treatment

On 3rd Ave, both 79th St and 86th St have experienced a reduction of injuries in the year following implementation of the same treatment*

<table>
<thead>
<tr>
<th></th>
<th>79th St</th>
<th>86th St</th>
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<tbody>
<tr>
<td>Total injuries</td>
<td>-44%</td>
<td>-63%</td>
</tr>
<tr>
<td>Pedestrian injuries</td>
<td>-33%</td>
<td>-45%</td>
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*compared to 3-year average before implementation
Existing Conditions: E. 66th St

Looking west on E 66th St at 2nd Ave

Long diagonal crossings across 3rd and 2nd Aves at 66th St
Existing Conditions: E. 66th St

- Lack of sidewalk along planting bed
- Narrow pedestrian cut-through on island

Looking south on 2nd Ave at 66th St
Existing: 3rd Ave & E. 66th St

Long diagonal crossing
Proposal: 3rd Ave & E. 66th St

- Neckdown on northwest and northeast corners*
- Shortened crosswalks
- New left turn lane to clarify movements
- Concrete extension of median
- New right turn bay

Concrete or paint to be determined
Existing: 2nd Ave & E. 66th St

Long diagonal crossing
Proposal: 2nd Ave & E. 66th St

- Concrete extension of median
- Clearly marked right turn lane
- Removes right-turn conflict between pedestrians and vehicles
Summary

Expected benefits:
- Clarified vehicular movements and calmed traffic
- Safer, shorter crosswalks
- Expanded pedestrian space

Fall 2015
1. Repave 3rd Ave between E 64th and E 72nd Sts
2. Install new lane assignment markings on 3rd Av between E 64th St and E 72nd Sts
3. Install neckdown on NW and NE corners of 3rd Ave and E 66th St
4. Initiate signal study for leading pedestrian intervals (LPIs) on 3rd Ave at E 66th St, E 65th St, and E 63rd St

2016
1. Build median extensions on E 66th St at 3rd and 2nd Aves
2. Install neckdown on NW corner of E 63rd St (pending MTA construction completion)