Foster Avenue
Traffic Calming & Pedestrian Safety Improvements

Commissioner Polly Trottenberg   New York City Department of Transportation
Presented by the Office of Research, Implementation and Safety to Brooklyn Community Board 18 on May 21, 2014
• Heavy industrial land use on Foster Ave

• Adjacent to Brooklyn Terminal Market

• Foster Ave is a local truck route with significant tractor-trailer presence

• Identified as an Accident Prone Location by the NYPD
Existing Conditions

- 1-mile corridor with a mix of 4-lane and 6-lane with service road configurations
- Low traffic volumes relative to capacity (PM peak volumes: 842 eastbound, 643 westbound)
- Extremely wide crossings at E 83rd St, E 87th St, and E 88th St ranging from 150 to 160-feet wide
- Speeding is commonplace; 76% of drivers were recorded speeding on Foster Ave between E 84th St and E 83rd St
Safety Data: Project Need

- Designated High Crash Corridor
- Ranks in top third of Brooklyn Corridors

![Safety Data Diagram]

**Total Injuries (All users) 2008-2012**

- Fatalities 2008-present
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**Foster Ave - Kings Hwy to Remsen Ave, BK**

<table>
<thead>
<tr>
<th>Injury Summary, 2008-2012 (5 Years)</th>
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<tbody>
<tr>
<td>Total Injuries</td>
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<tr>
<td>----------------</td>
</tr>
<tr>
<td>Pedestrian</td>
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<tr>
<td>Bicyclist</td>
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<tr>
<td>Motor Vehicle Occupant</td>
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<tr>
<td>Total</td>
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**Fatalities, 01/01/2008-5/12/2014**

- 6 fatalities, 2008 to present
- 13 KSI (persons killed or severely injured) along this corridor
Proposal Details: Remsen Ave to Kings Hwy

**E 88th St to E 81st St:**
Remove one through travel lane in each direction and install painted buffer/turn bays

Install wide parking lanes to create standard-width moving lanes
Proposal: E 81st St to E 88th St

- Remove one through travel lane in each direction
- Add left turn lane/flush medians in each direction
- Mark wide curb lane and painted buffer to create standard-width moving lanes
- Install painted median tip extensions
• Ralph Ave: Install left-turn bay for left turns onto southbound Ralph Ave

• E 85th Street: Close median slip with Kwik Kurb

• E 88th Street: Extra wide parking lane to accommodate truck loading and unloading on Foster Ave east of E 88th St

• Investigating signalized service road and dedicated left-turn signal for left turn from Foster Ave onto Ave D
Benefits of Proposal

- Removal of one through lane and standardization of lane widths calms traffic and reduces speeding
- Left-turn bays allow for simpler, safer left turns
- Median tip extensions shorten crossing distances and provide safer pedestrian crossing
- Wide curb lane allows for safe bicycle travel

Proposed Conditions: painted median extension on 4th Avenue in Brooklyn
Questions?

Contact: Brooklyn Borough Commissioner's Office at 718-222-7259