LAFAYETTE AVE: TIFFANY ST TO EDGEBWATER RD

School Safety Improvements

Presentation for CB 2 | May 9, 2018
PROJECT BACKGROUND
Project Background & Overview

- Community requests for stop controls & pedestrian crossings on Lafayette Ave at Manida St and Barretto St

- Residential area adjacent to Hunts Point Industrial Business Zone

- Multiple schools on Lafayette Ave

Project Area
Truck Routes
Bus Routes
Background – Safety

Lafayette Ave (Tiffany St – Edgewater St)

Injury and Fatality Summary, 2012 - 2016

1 Fatality
6 Severe Injuries
83 Injuries

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>19</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Bicyclist</td>
<td>4</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>60</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>83</td>
<td>6</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: Fatalities: NYCDOT
Injuries: NYSDOT
EXISTING CONDITIONS
Existing Conditions

1. Long distances between marked or controlled pedestrian crossings

2. Wide roadway (60 feet)
**Existing Conditions**

**Lafayette Ave (Tiffany St to Barry St)**

- Slip lane from the truck route allows for high speed turns
- Combination of slip lane and angular parking – poor pedestrian visibility

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**Slip lane from the truck route allows for high speed turns**

**Combination of slip lane and angular parking – poor pedestrian visibility**
**Existing Conditions**

**Lafayette Ave (Tiffany St to Hunts Point Ave)**

- 975’ distance between nearest existing crossings
- High pedestrian volumes around 4 schools

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**Banknote Building (HRA)**

- 975’ distance between nearest existing crossings

**School**

- Adult Care Center
- Post Office
- Julio Carballo Fields

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**Map**

- Lafayette Ave
- Tiffany St
- Hunts Point Ave
- Barretto St
- Manida St
- School

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nyc.gov/visionzero
Existing Conditions

Lafayette Ave (Hunts Point Ave to Longfellow Ave)

- 60’ long crossing with fast vehicle turns
- Missing crosswalk on school block
**Existing Conditions**

**Lafayette Ave at Edgewater St**

- **Barry St**–slip lane?
- Setback median allows for fast vehicle turns that conflict with pedestrians
- Long two-part crossings
- Multiple unpredictable vehicle turning movements
- Complicated wide intersection
- Setback median allows for fast vehicle turns that conflict with pedestrians

*Students crossing Edgewater St to Rocking the Boat*
Proposal
Proposal – Lafayette Ave at Tiffany St & Barry St

Painted Curb Extension

Slip Lane Closure

Example: Grand Concourse, Bronx

Proposed:

← Lafayette Ave →

← Tiffany St →

Barry St →
Proposal – Lafayette Ave at Barretto St and Manida St

Barretto St: Signal under study

Manida St:
- New signal approved
- Concrete pedestrian Island (2019)

Example: Financial District, Manhattan
Example: Morningside Heights, Manhattan

Banknote Building (HRA)
Proposal – Lafayette Ave at Hunts Point Ave & Longfellow Ave

Concrete pedestrian island (2019)

New crosswalk next to school

Lafayette Ave

Hunts Point Ave

Longfellow Ave

Hyde Charter School

MS 424
Proposal – Lafayette Ave at Edgewater St

Rocking The Boat

Extended concrete median (2019)

Existing

← Lafayette Ave →

Drake St →

← Edgewater St →

Shorter, safer crossings to the park

Park
Painted pedestrian space proposed at:

1) Lafayette Ave and Tiffany St
2) Lafayette Ave and Barretto St
3) Barry St, Tiffany St to Lafayette Ave

Example: painted pedestrian space without a community partner

Example: painted pedestrian space with a community partner

Painted pedestrian space can be accessed by DSNY vehicles for sweeping and shoveling

Community partner responsible for sweeping, shoveling, weeding/planting
Proposal – SUMMARY

- **Painted Curb Extensions**
- **Concrete Pedestrian Islands**
- **Redesigned Crossing & Extended Concrete Median**

**Closed Slip Lane**
- Manida St approved; Barretto St under study

**New Signalized Crossings:**
- Banknote building: HRA/Two schools
- Rocking The Boat

**Add Missing Crosswalk**
- Edgewater Rd
- Whittier St
- Barretto St
- Tiffany St
- Barry St
- Banknote building
- Park
- School
- Two schools
- Lafayette Ave