E 170TH ST & TELLER AVE

Presentation to CB4
January 6th, 2021
BACKGROUND

- Nearby projects on Morris Ave after pedestrian fatality in 2015
- South entrance to Claremont Park at northeast corner of intersection
- Adjacent to PCMH housing for persons with mental illness
- Traffic generated from the Cross Bronx Expwy and Grand Concourse
- In proximity to B, D and 4 trains at E 170th St stations

Injury Summary, 2014-2018 (5 years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
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</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Bicyclists</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>10</td>
<td>1</td>
</tr>
</tbody>
</table>
EXISTING CONDITIONS
1 Pedestrian desire to cross E 170th St on west side of intersection
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2. Large corners allow vehicles to turn at unsafe speeds
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3. No pedestrian crossings across slip to pedestrian island
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4. Heavy turning vehicle traffic conflicts with pedestrian movement
EXISTING CONDITIONS

1. Pedestrian desire to cross E 170th St on west side of intersection
2. Large corners allowing vehicles to turn at unsafe speeds
3. No pedestrian crossings across slip to pedestrian island
4. Heavy westbound right turning traffic conflicts with pedestrian movement
5. Higher volume street yields to lower volume street
PROPOSAL
1. Install new signal at E 170th St and Findlay Ave, crosswalk across E 170th St and left turn lane.
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2. Install concrete curb extensions
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2. Install concrete curb extensions

3. Upgrade yield control to stop control and install crosswalks across slip
Install new signal at E 170th St and Findlay Ave and install crosswalk across E 170th St

2 Install concrete curb extensions

3 Upgrade yield control to stop control and install crosswalks across slip

4 Relocate bus stop to install right turn lane and split leading pedestrian interval
   • Vehicles making right turns are held for 7 seconds to allow pedestrians to cross the intersection first
   • Vehicles going straight are unaffected
1. Install new signal at E 170th St and Findlay Ave, install crosswalk across E 170th St and left turn lane

2. Install concrete curb extensions

3. Upgrade yield control to stop control and install crosswalks across slip

4. Relocate bus stop to install right turn lane and split leading pedestrian interval
   - Vehicles making right turns are held for 7 seconds to allow pedestrians to cross the intersection first
   - Vehicles going straight are unaffected

5. Switch yield control to minor street
Tentative construction in 2022

January 2021
Present to CB 4

Spring 2021
Grant Paperwork

2022
Tentative Construction
BENEFITS

- Expanded pedestrian space
- Completes the pedestrian network
- Reduced pedestrian-vehicle conflicts
- Safer, shorter pedestrian crossings
- Clarified traffic movements
SUMMARY

• Install three concrete curb extensions
• Install new signal at E 170th St and Findlay Ave and crosswalk across west side of intersection
• Relocate bus stop to install right turn lane and split pedestrian leading interval at westbound E 170th St and Teller Ave
• Install left turn lane at westbound E 170th St and Findlay Ave
• Upgrade yield control at slip approach of E 170th St and Findlay Ave to stop control
• Install two crosswalks across slip
• Switch yield control to minor street of Teller Ave