BRONX PARK E AND WHITE PLAINS RD

Presentation to CB 11 TC
February 10, 2020
Project Background
PROJECT BACKGROUND

- Community requests for safety improvements in the area, particularly around the playground

- White Plains Rd is a Vision Zero corridor

- DOT is exploring various future safety improvements along Bronxdale Ave, including potential bike connections
PROJECT AREA

• Intersection of three major vehicular corridors

• Primarily residential with mixed commercial uses

• Adjacent to Brady Playground and Bronx Park

• Bx22 and Bx39 service the area

• Close to the 2 and 5 trains
SAFETY DATA

Bronx Park E and White Plains Rd, BX
Injury Summary, 2013-2017 (5 years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Bicyclists</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>33</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>43</td>
<td>2</td>
</tr>
</tbody>
</table>
Existing Conditions
Pedestrians walking on striped roadbed due to lack of sidewalks
EXISTING CONDITIONS

Long distance between pedestrian crossings along Bronx Park E and White Plains Rd

1030 ft
Complex vehicular network creates yielding confusion
Bus passengers waiting in the roadbed
Proposal
Painted Sidewalk Extensions
Concrete Sidewalk Extensions
Parking Configuration
Greenways
Signals
Flexible Delineators
Granite Blocks
Curb Regulations
PROPOSAL

Build out missing sidewalks along Bronxdale Ave and White Plains Rd
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Build out missing sidewalks along Bronxdale Ave and White Plains Rd

Allows for continuous pedestrian paths
PROPOSAL

- Consolidate parking fields into one parking lot (no loss of parking)
- Close Bronx Park E to vehicular thru traffic
Realign roadway so that southbound White Plains Rd is adjacent to northbound White Plains Rd

Redirect Bronx Park E vehicular traffic to southbound White Plains Rd
Install a designated right turn lane and traffic signal phase on Bronxdale Ave eastbound onto White Plains Rd southbound
Install painted and concrete curb extensions
Painted extension at bus stop under the elevated
PROPOSAL

Build 3 new pedestrian islands on White Plains Rd
Shift southbound Bronx Park E bus stop to Birchall Rd
Install raised two-way bike path connecting to Bronx Park Greenway
Proposed signal with two new pedestrian crossings on White Plains Rd at Unionport Rd under investigation
LOOKING SOUTH TOWARDS UNIONPORT RD
LOOKING NORTH TOWARDS BRONXDALE AVE
IMPLEMENTATION DETAILS

- Full project implementation approximately 3-4 months
- Temporary parking loss during approximately 8 weeks of construction
SUMMARY

• Build out missing sidewalks along Bronxdale Ave and White Plains Rd

• Consolidate parking fields into one parking lot (no loss of parking)

• Realign roadway so that southbound White Plains Rd is adjacent to northbound White Plains Rd

• Install a designated right turn lane on Bronxdale Ave eastbound onto White Plains Rd southbound

• Install painted and concrete curb extensions

• Install painted curb extension at bus stop under the elevated

• Build 3 new pedestrian islands on White Plains Rd

• Shift southbound Bronx Park E bus stop to Birchall Rd

• Install raised two-way bike path connecting to Bronx Park Greenway

• Proposed signal with two new pedestrian crossings on White Plains Rd at Unionport Rd under investigation
BENEFITS

• Clarifies vehicular movements / simplifies vehicular network
• Reduces speeding / calms traffic
• Safer, shorter pedestrian crossings
• Fills gap in pedestrian network
• Improves accessibility to Bronx Park
THANK YOU!

Questions?