RIVERSIDE DR, 155-161 STS

Community Board 12 Traffic and Transportation

May 4, 2020
Background
BACKGROUND

- Community request for pedestrian improvements

- Community Engagement
  - Walkthrough with Riverside Oval Association 11/15/18
  - Walkthrough with representatives of elected officials and community members 5/31/19 and 1/17/20
  - DOT Street Ambassador Outreach 7/31/19 and 8/3/19

- Transit: Bx6 and Bx6 SBS bus stops, near 1 train
6 total pedestrian injuries on Riverside Drive

### Riverside Dr, 155-161 Sts
Injury Summary, 2013-2017 (5 years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tbody>
<tr>
<td>Pedestrian</td>
<td>6</td>
<td>0</td>
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<td>0</td>
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<tr>
<td>Bicyclists</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>54</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>62</strong></td>
<td><strong>4</strong></td>
<td><strong>0</strong></td>
<td><strong>4</strong></td>
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</tbody>
</table>
Existing Conditions
EXISTING CONDITIONS

1. Wide four lane road with low vehicle volumes

2. Large intersection, allowing for fast right turns

3. Long, unmarked pedestrian crossing
1. Pedestrian desire to cross Riverside Drive

2. No concrete pedestrian ramps on south side of Riverside Drive at W 157 St
EXISTING CONDITIONS

1. Large, six-legged intersection with unclear traffic movements

2. Long pedestrian crossings

“This intersection is terrifying, the DOT needs to do something about this” – citizen, DOT Ambassador Outreach

Riverside Dr and 158 St
EXISTING CONDITIONS

1. Riverside Drive is a two way street with low vehicle volumes northbound and no parking on the east side.

2. Riverside Drive W currently has parking along the retaining wall.

Riverside Dr W and Riverside Dr
TOOLKIT

Crosswalks
Painted Pedestrian Space with Flexible Delineators
Parking Regulations
Concrete Curb Extension
Enhanced Crossing and Signage
Concrete Pedestrian Island
Proposed Conditions
PROPOSED CONDITIONS

1. Convert to one travel lane in each direction

2. Add painted curb extensions to clarify traffic movements and shorten pedestrian crossings

3. Add crosswalk
**PROPOSED CONDITIONS**

1. Install two enhanced crossings and signage
2. Build concrete medians to shorten pedestrian crossings and improve visibility
3. Install painted curb extension to normalize intersection
4. Install new pedestrian ramps
Net change: +1
1. Upgrade concrete pedestrian island

2. Restrict right turn for vehicles over 30’

3. Build concrete curb extension to shorten pedestrian crossing

4. Convert Riverside Drive (Riverside Drive W to 158 St) from two-way to one-way SB
Clarify traffic movements
PROPOSED CONDITIONS

1. Convert Riverside Drive (Riverside Drive W to 158 St) from two-way to one-way SB

2. Install ~50 parking spaces along the retaining wall
Phase 1 might start in Summer 2020. Please note that the timeline for this project is subject to change due to the COVID-19 pandemic.

PHASE 1:
• Reduce Riverside Drive from 155 St to 158 St from two lanes to one lane in each direction
• Install painted curb extensions at 155 St and 157 St

PHASE 2:
• Convert Riverside Drive from 158 St to Riverside Drive West from a two-way to a one-way southbound, adding ~50 parking spaces

PHASE 3:
• Build concrete curb extensions and islands
• Install Enhanced Crossing at 157 St
• Build pedestrian ramps
SUMMARY

- Convert Riverside Drive (Riverside Drive W to 158 St) to a one-way southbound
- Build one concrete median on Riverside Drive from 157 to 158 St
- Build one concrete pedestrian refuge island at Riverside Drive and 157 St
- Upgrade concrete pedestrian refuge island at Riverside Drive, 158 St and Edward Morgan Pl
- Build one concrete curb extension on Riverside Drive at 158 St and Edward Morgan Pl
- Install two painted curb extensions at Riverside Drive and 155 St
- Install one painted curb extension at Riverside Drive and 157 St
- Install two enhanced crossings at Riverside Drive and 157 St
- Install one new crosswalk at Riverside Drive and 155 St
- Restrict right turn from EB 158 St onto SB Riverside Dr for vehicles over 30’
- Add a net of ~51 parking spaces to the area
BENEFITS

• Clarifies traffic movements
• Expands pedestrian network
• Provides safer, shorter pedestrian crossings
• Simplifies street network
• Adds parking
THANK YOU!

Questions?