Webster Ave, E Gun Hill Rd to E 233rd St

Truck Route Safety Improvements

CM Dinowitz – May 9, 2022
Webster Ave, E Gun Hill Rd to E 233rd St

Presentation Overview

• Background
• Existing Conditions
• Proposal –
  • Reduce lanes from 2-to-1 travel lane
• Feedback/ Questions
Project Location & Goals

- Located between Woodlawn Cemetery and the Bronx River Parkway
- Corridor length runs approximately 1.2 miles
- Project goal is to reduce speeding and vehicle crash incident through design
- This is a Local Truck Route
Background
Background

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Planning Framework

• **Delivering New York: A Smart Truck Management Plan for NYC**
  • **Safety**: improve the safety of truck travel at intersections and along corridors
  • **Sustainability**: foster the sustainable and environmentally responsible movement of goods
  • **Freight Efficiency**: Improve the efficiency of freight movement to, from, and within NYC
  • **Partnerships & Knowledge**: Grow public and private partnerships to increase knowledge about freight
  • DOT’s focus on improving 1,000 intersections to make it safer for pedestrians
Freight Toolkit

How We Manage Freight Activity

Off-Hour Deliveries
Expand Loading Zones
Truck Route Enhancements
Street Improvement Projects
Truck Electrification & Decarbonization

Truck Safety Education, Outreach, & Partnerships
Truck Safety and Compliance Enforcement Coordination
Microdistribution Hubs
Commercial Cargo Bike Program
Blue Highways
Existing Conditions
Existing Conditions

Overview

- Short piece of residential use on the Southern section
- Webster Ave runs between Woodlawn Cemetery and Bronx River Parkway
- Webster Ave is a Local Truck Route

Project location on the NYC Truck Route Map
## Truck Priority Safety Corridors

### Crash Data

- Identified as a Truck Priority Safety Corridor, a corridor experiencing high rates of truck-involved crashes along

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
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<tbody>
<tr>
<td>Pedestrians/ Cyclist</td>
<td>2</td>
</tr>
<tr>
<td>Motor Vehicle Occupant</td>
<td>20</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>22</strong></td>
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</tbody>
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Injuries at Webster Av, from E 233rd St to E Gunhill Rd Injury Summary, 2014-2019 (5 years)
Existing Conditions

Wide 2-Travel Lane Both Direction

- 2-travel lanes in both directions
- Overnight and long-term truck parking
- Lack of crosswalks for pedestrians along the long stretch
- Observed speeding along corridor
Planned Improvements

Plan Overview

Reduce speeding and improve pedestrian visibility and shorten crossing distances along the ~1.2 mile stretch

Explore the addition of crosswalks, where feasible

Shorten crossing distance with pedestrian neckdown

Potential adding Neighborhood Loading Zones to reduce double parking

Reduce travel lanes to reduce speeding and crash incidents

Southern portion of project area, near residential buildings
Neighborhood Loading Zone

Overview

Goal:
Reduce the amount of delay and safety issues that stem from double parking by providing dedicated space for vehicles to load and unload goods and passengers, especially on residential streets.

Target Users:
- Personal vehicles for quick pickup/drop-off of passengers, groceries etc.
- Commercial delivery vehicles for residential and commercial delivery.
- Taxis and FHV for passenger pickup/drop-off

Current Locations:
142 NLZs throughout the city, currently expanding into new neighborhoods throughout the five boroughs.

Signage and Regulation:
‘No Parking M-F, 7AM – 7PM’ standard with slight adjustments depending on the location, with pedestrian level information sign with program overview.
Proposal

Design Plan

• Reducing of travel lanes in both directions from 2 to 1 to address speeding

• Marking a 10 feet painted median along the corridor, maintaining turn bay at E Gun Hill Rd

• Installing painted pedestrian neckdowns to shorten long crossing distances

• Exploring the addition of crosswalks where there are long stretches without pedestrian access

• Potentially adding few Neighborhood Loading Zones on the southern section, where needed
Thank You!

Questions?