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

Truck Route Safety Improvements

CM Dinowitz – May 9, 2022

NEW YORK CITY
DOT

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

← E 233rd St →

← Webster Ave →

Woodlawn Cemetery

← Bronx River Pkwy →

← E Gun Hill Rd →

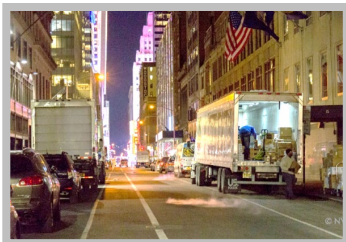# Background

1

Background

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

Delivering New York Plan
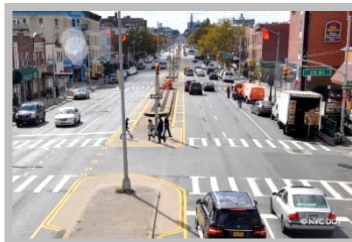
Freight Toolkit

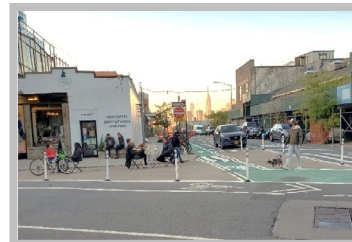## How We Manage Freight Activity

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
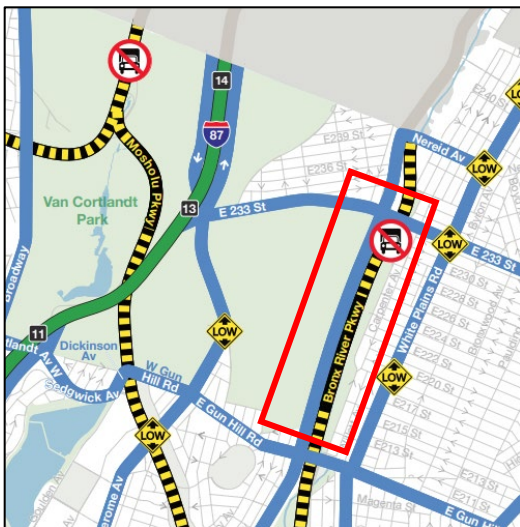

Commercial Cargo Bike Program

Blue Highways

Existing Conditions

2

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

← E 233rd St →

Wide intersection at the northern edge

Woodlawn Cemetery

↑ Webster Ave ↓

← Bronx River Pkwy →

Long stretch of corridor without a crosswalk

Observed truck parking along corridor

Speeding along the corridor

← E Gun Hill Rd →

Truck Priority Safety Corridors

Crash Data

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

	Total Injuries
Pedestrians/ Cyclist	2
Motor Vehicle Occupant	20
Total	22

Injuries at Webster Av, from E 233rd St to E Gunhill Rd
Injury Summary, 2014-2019 (5 years)

← E 233rd St →

← Webster Ave →

← Bronx River Pkwy →

Woodlawn Cemetery

22

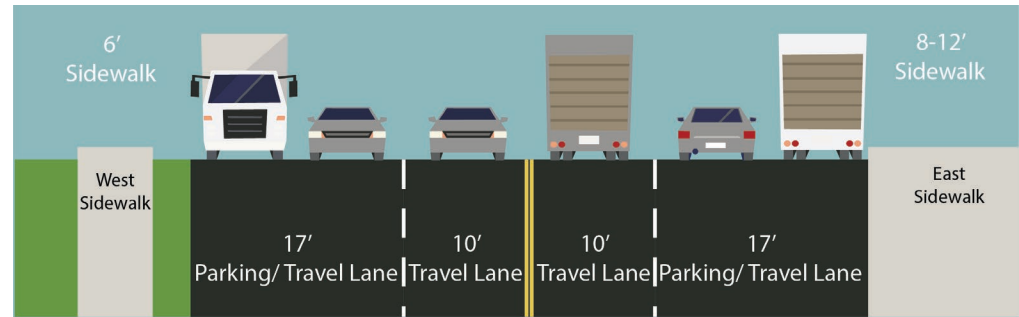← E Gun Hill Rd →

- - - Truck Priority Safety Corridor

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

Existing Conditions

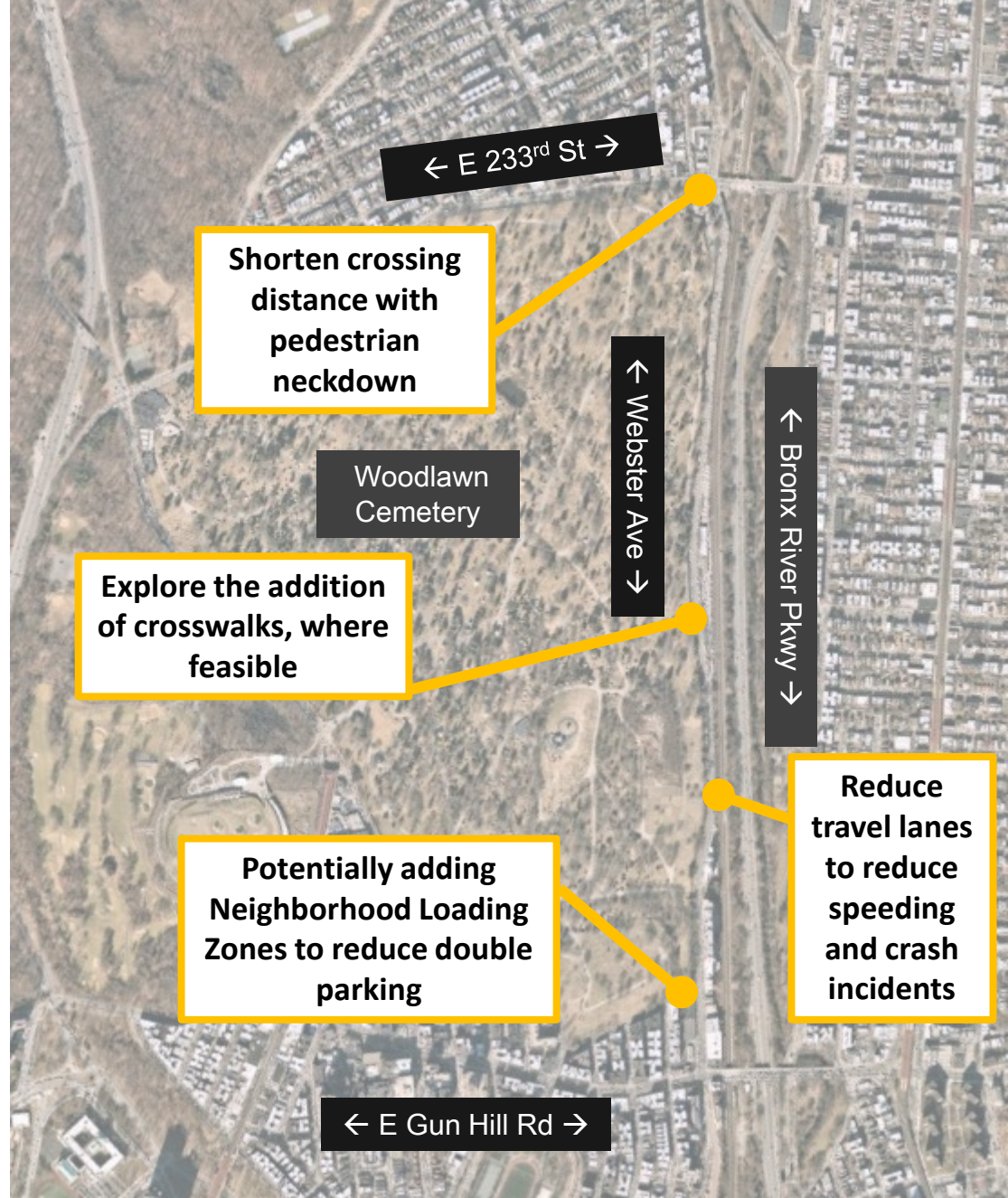Webster Ave, facing north

Proposal

3

Planned Improvements

Plan Overview

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

Southern portion of project area, near residential buildings

← E 233rd St →

Shorten crossing distance with pedestrian neckdown

← Webster Ave →

← Bronx River Pkwy →

Woodlawn Cemetery

Explore the addition of crosswalks, where feasible

Reduce travel lanes to reduce speeding and crash incidents

Potentially adding Neighborhood Loading Zones to reduce double parking

← E Gun Hill Rd →

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.
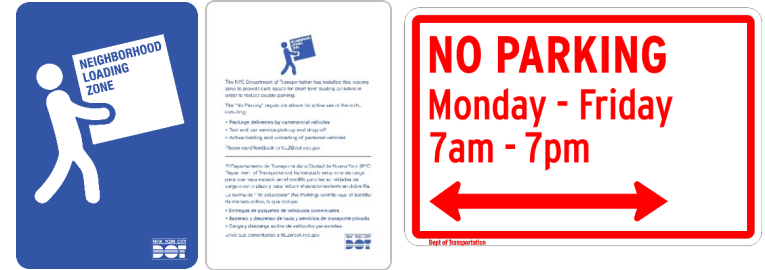
Target Users:

- 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.
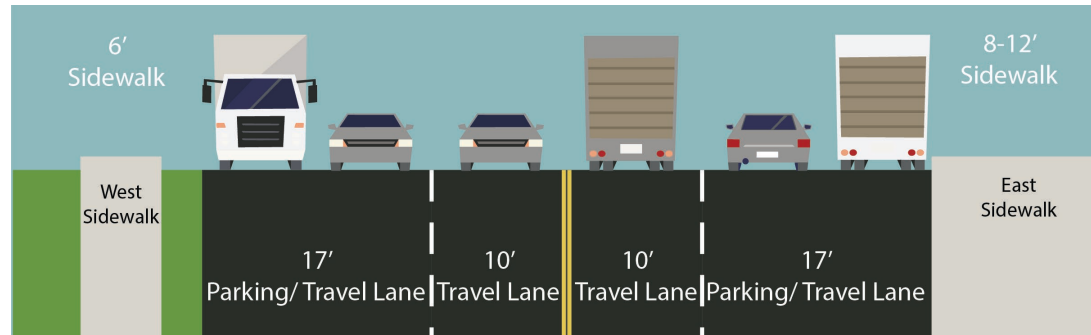
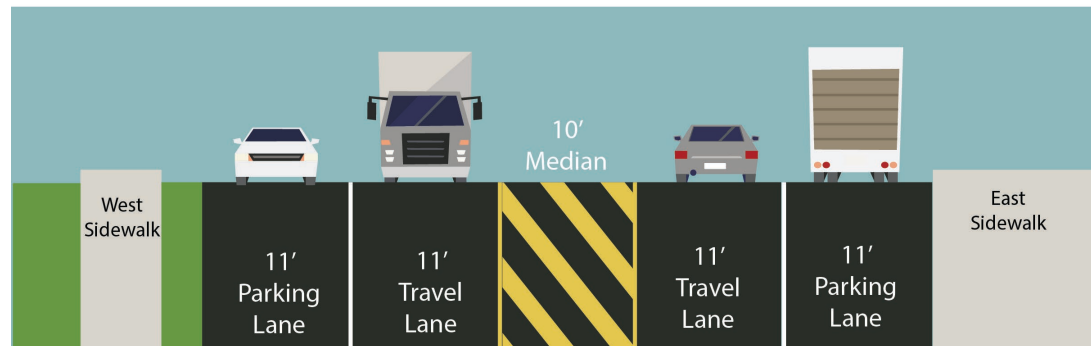*Delivering vehicle in a Neighborhood Loading Zone*
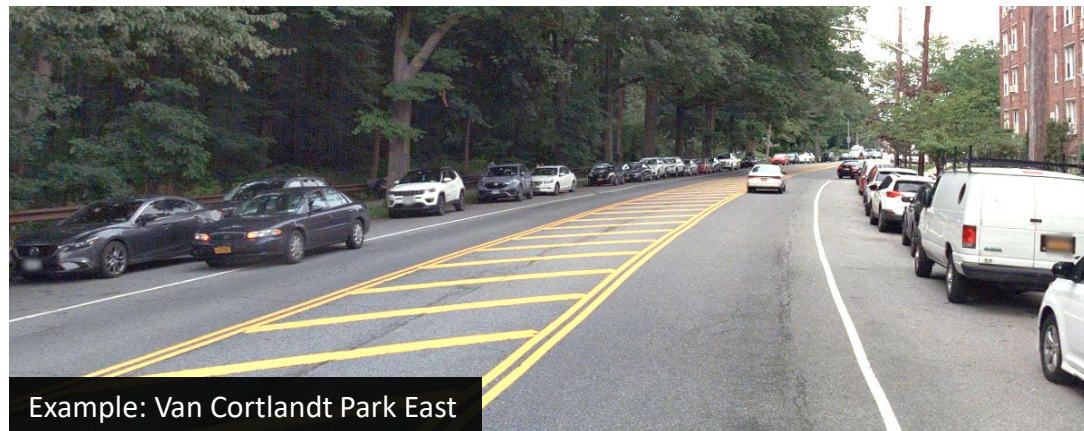
Proposal

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

Existing Conditions

6' Sidewalk · West Sidewalk · 17' Parking/Travel Lane · 10' Travel Lane · 10' Travel Lane · 17' Parking/Travel Lane · East Sidewalk · 8-12' Sidewalk

Proposed Conditions

West Sidewalk · 11' Parking Lane · 11' Travel Lane · 10' Median · 11' Travel Lane · 11' Parking Lane · East Sidewalk

Example: Van Cortlandt Park East

Thank You!

_____

Questions?

NEW YORK CITY
DOT

NYCDOT   nyc_dot   nyc_dot   NYCDOT