Hunts Point Av, Randall Ave to Halleck St

Truck Route Safety Enhancements

CB 2 – April 13th, 2022
Hunts Point Ave, Randall Ave to Halleck St

Presentation Overview

• Background
• Existing Conditions
• Proposal – Protected two-way bike path, pedestrian safety improvements, improved truck circulation, add angle parking
• Summary
• Feedback/ Questions
Project Location & Goals

• Simplify complex 5-legged intersection of Hunts Point Ave / Halleck St / Food Center Dr / East Bay Ave

• Improve signal timing at Food Center Dr, Halleck St, and E Bay Ave

• Add additional time for pedestrians to cross in addition to creating new crosswalks

• Provide pedestrian safety improvements including neckdowns to shorten crossing distances

• Complete the bike network by closing existing gap between Randall Ave and Food Center Dr with a 2-way protected bike connection
Background
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

• **Green Wave: A Plan for Cycling in NYC**
  - Citywide protected bike lane network: build 30 miles of protected bicycle lanes annually
  - Integrate and install *new street design treatments* based on national & international best practice to enhance safety at intersections
  - 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

nyc.gov/dot
Existing Conditions
Existing Conditions

Overview

• Home to residents, warehouses, businesses, and the Hunts Point Industrial Business Zone (IBZ) including:
  • Hunts Point Food Distribution Center
  • Hunts Point Terminal Produce Market
  • New Fulton Fish Market
• The area receives high volumes of truck traffic with a need of safety improvements for pedestrians and cyclists
Truck Priority Safety Corridors

Crash Data

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

- Hunts Point Av
  (also a Vision Zero Corridor)
- Halleck St
- Food Center Dr

<table>
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<td>Pedestrians</td>
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<tr>
<td>Bicyclists</td>
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<td>Motor Vehicle Occupant</td>
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<td>Total</td>
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Injuries at Food Center Dr, Halleck St

*Injury Summary, 2014-2019 (5 years)*
Network Connections

Truck Route Network

• Hunts Point Ave is a local truck route from Randall Ave to Halleck St only

• Trucks observed traveling on Hunts Point Ave north of Randall Ave, which is not a truck route

• Truck may use the following routes to enter the Hunts Point peninsula:
  • Edgewater Rd / Halleck St
  • Leggett Ave
  • Tiffany St
Bike Route Connections

Existing Bike Network

• Existing bike connections have gaps within the network
• Providing a well-connected bike network can provide access to the markets and waterfront
• Links Hunts Point Landing and Food Center Drive protected path with the rest of the bike network
Existing Conditions & Issues
Hunts Point Ave (Randall Ave to Oak Point Ave)

Industrial corridor actively used by trucks, cars, pedestrians, and cyclists

- Wide two-way truck route, worn out street markings
- Illegal parking on sidewalks, in channelization, double parked trucks
- No dedicated space for cyclists
- Lack of crosswalks for pedestrians
Existing Conditions & Issues
Hunts Point Ave (Oak Point Ave to Halleck St)

Industrial corridor actively used by trucks, cars, pedestrians, and cyclists

• Very wide one-way truck route southbound, worn out street markings
• Illegal parking on sidewalks, in channelization, double parked trucks
• No dedicated space for cyclists
• Lack of crosswalks for pedestrians, complex intersection
Proposal
Planned Improvements

Plan Overview

- Reduce vehicle conflict points
- Add pedestrian and cyclist safety improvements with shortened crosswalk and added pedestrian signals
- Create a bike connection from Food Center Dr to Randalls Av
- Signal retiming to allow intersection to process more vehicles from Food Center Dr
- Net gain of +11 parking spots
Existing Conditions

Peak Hour Traffic Count

- Double parking on Hunts Point Av and parking at intersection of Hunts Point Av and E Bay Av
- Potential vehicle conflict points for Hunts Point Ave traveling northbound Halleck St

Unsafe parking at 5-legged intersection
Proposed

Intersection Conditions

• Streamline traffic traveling to Food Center Dr to use Halleck St through updated truck wayfinding signs
• Traffic on Hunts Point Av to turn right onto E Bay Av
• Adding additional green time for vehicles traveling out of Food Center Dr to accommodate the heavy vehicle flow

Reroute through traffic to Halleck St
Proposal
Hunts Point Ave @ Halleck St & East Bay Ave & Food Center Dr

Safer Intersection

- New right-turn only from Hunts Point Ave to East Bay Ave
- New painted neckdowns @ SE corner on Halleck St, SW corner on East Bay Ave
- New large painted pedestrian space @ Hunts Point Ave and Halleck St
- Shortens crossing from Hunts Point Ave to East Bay Ave
- Signal retiming to allow intersection to process more vehicles
Proposal
Hunts Point Ave (Oak Point Ave to Halleck St)

Parking-Protected Two-Way Bike Lane

- Two-way parking protected bike lane on the east side of Hunts Point Ave
- New crosswalks at intersections make it safer for pedestrians to cross
- Add angle parking from Drake Park S to Oak Point Ave

Facing north at Hunts Point Ave and Halleck St
Proposal
Hunts Point Ave (Randall Ave to Oak Point Ave)

Parking-Protected Two-Way Bike Lane

- Two way parking protected bike lane on the east side of Hunts Point Ave
- Safer design for the intersection of Whittier Ave and Hunts Point Ave
- New crosswalks at intersections make it safer for pedestrians to cross

Existing Conditions

Proposed Conditions

Safety Improvements at the intersection of Hunts Point Ave and Oak Point Ave
Summary

Plan Overview

• Reduce vehicle conflict points
• Improve traffic flow at key intersections
• Shorten crosswalks
• Provide pedestrian and cyclist safety amenities
• Provide additional parking
• Develop and update the truck wayfinding signs in the area to give trucks an advance notice to use to Halleck St
Thank You!

Questions?