

HIGH PEDESTRIAN CRASH LOCATIONS

Pedestrian Safety Improvements at the Top 20 Crash Intersections: 2013

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Commissioner

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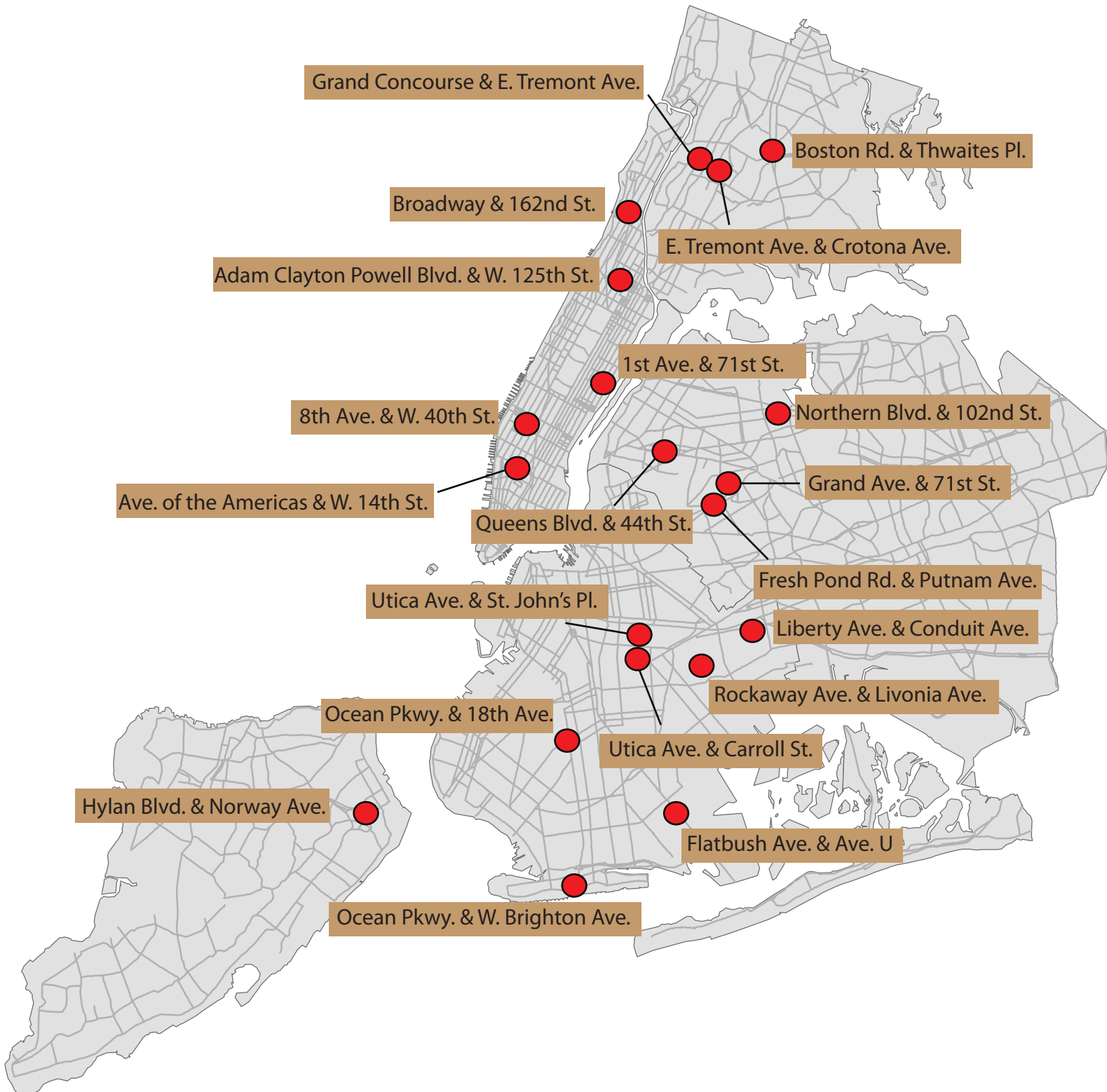
Introduction

Pursuant to the Administrative Code, the New York City Department of Transportation (DOT) identifies annually 20 high pedestrian crash locations based upon data provided by the New York State Department of Transportation (NYSDOT) on the number of pedestrians killed or severely injured over a five-year period. Pursuant to the Administrative Code, DOT also recommends steps to be taken for safety enhancements at those locations. This report is based upon data provided by NYSDOT for the five years from 2009 through 2013.

In February 2014, Mayor de Blasio launched his Vision Zero Action Plan – an interagency effort to eliminate traffic fatalities by 2024. As part of the initiative, DOT released five Borough Pedestrian Safety Action Plans in February 2015. These data driven plans thoroughly analyzed the unique conditions of each New York City borough and identified characteristics of pedestrian fatalities and severe injuries within that borough. In addition to rolling out an array of education and enforcement initiatives, the Mayor pledged to implement safety engineering enhancements at 50 intersections and corridors each year. In 2014, the City recorded the fewest pedestrian fatalities, 139 cases, since record keeping began in 1910. The High Pedestrian Crash Location Report is one of the tools DOT is using to identify locations at which to make these engineering enhancements.

DOT also employs other methods to monitor and promptly respond to safety needs including analysis of crash data and continued community outreach. This report is only one element of our Vision Zero work in neighborhoods across the City. To find out more, please visit nyc.gov/visionzero.

TOP TWENTY HIGH PEDESTRIAN CRASH LOCATIONS



TOP TWENTY HIGH PEDESTRIAN CRASH LOCATIONS - 2013

Intersection	Borough	Total Number of Pedestrians Killed or Seriously Injured (2009-2013)
8 th Ave. & W. 40 th St.	Manhattan	6
Adam Clayton Powell Blvd. & W. 125 th St.	Manhattan	6
Grand Ave. & W. 71 st St.	Queens	6
E. Tremont Ave. & Crotona Ave.	Bronx	5
Boston Rd. & Thwaites Pl.	Bronx	5
Utica Ave. & Carroll St.	Brooklyn	5
Utica Ave. & St Johns Pl.	Brooklyn	5
Rockaway Ave. & Livonia Ave.	Brooklyn	5
Liberty Ave. & Conduit Blvd.	Brooklyn	5
Ave. of the Americas & W. 14 th St.	Manhattan	5
1 st Ave. & E. 75 th St.	Manhattan	5
Broadway & W. 162 nd St.	Manhattan	5
Grand Concourse & E. Tremont Ave.	Bronx	4
Ocean Pkwy. & W. Brighton Ave.	Brooklyn	4
Ocean Pkwy. & 18 th Ave.	Brooklyn	4
Flatbush Ave. & Ave. U	Brooklyn	4
Putnam Ave. & Fresh Pond Rd.	Queens	4
Queens Blvd. & 44 th St.	Queens	4
Northern Blvd. & 102 nd St.	Queens	4
Hylan Blvd. & Norway Ave.	Staten Island	3

E. TREMONT AVE. & CROTONA AVE.

Community Board: 6

Council District: 17

Borough: Bronx

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for the Bronx. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of the planned E. Tremont Ave. corridor safety project
- Install a flush center median and bike lane on E. Tremont Ave. to narrow moving lanes and reduce speeding
- Work with Community Board 6 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016 implementation

BOSTON RD. & THWAITES PL.

Community Board: 11

Council District: 13 & 15

Borough: Bronx

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for the Bronx. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Replaced “Stop Ahead” sign to increase visibility for motorists

Recommendations:

- Investigate closure of Thwaites Pl. between White Plains Rd. and Boston Rd. to improve safety
- Upgrade island markings and crosswalks to improve visibility for motorists and pedestrians
- Install countdown signals to give pedestrians more information to cross the street
- Work with Community Board 11 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Possible for 2016 implementation

GRAND CONCOURSE & E. TREMONT AVE.

Community Board: 5

Council District: 14 & 15

Borough: Bronx

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for the Bronx. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of the planned Grand Concourse Vision Zero Great Streets capital improvement project, Phase IV
- Construct median tips and curb extensions along Grand Concourse to shorten crossing distances for pedestrians
- Refurbish existing crosswalks and intersection markings to improve visibility for motorists and pedestrians
- Work with Community Board 5 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2018 implementation

UTICA AVE. & CARROLL ST.

Community Board: 9

Council District: 35 & 41

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Part of the 2014/15 Utica Ave. Select Bus Service project
- Installed bus lanes to calm and better organize traffic
- Installed countdown signals to give pedestrians more information to cross the street
- Banned southbound left turn onto Utica Ave. to remove potential turning conflicts

Recommendations:

- Part of the planned Utica Ave. Select Bus Service capital improvement project
- Install curb extension on the southwest corner to shorten crossing distances for pedestrians
- Install bus lanes to calm and organize traffic
- Work with Community Board 9 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2017 implementation

UTICA AVE. & ST. JOHNS PL.

Community Board: 8

Council District: 36

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of the planned St. Johns Pl. corridor safety project
- Install painted center median and bicycle lanes on St. John's Pl. to narrow moving lanes and reduce speeding
- Install concrete curb extension on northwest corner of St. Johns Pl. and Utica Ave.
- Upgrade all crosswalks to high visibility to increase pedestrian visibility
- Ban left turn from eastbound St. John's Pl. onto northbound Utica Ave. to eliminate turning conflicts
- Work with Community Board 8 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016 implementation

ROCKAWAY AVE. & LIVONIA AVE.

Community Board: 16

Council District: 41 & 42

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.

Recommendations:

- Part of the planned Livonia Ave. lighting pilot project
- Install LED lighting to improve visibility under elevated train
- Install countdown signals to give pedestrians more information to cross the street
- Upgrade all crosswalks to high visibility to increase pedestrian visibility
- Work with Community Board 16 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016 implementation

LIBERTY AVE. & CONDUIT BLVD.

Community Board: 5

Council District: 37

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of the planned Conduit Ave. corridor safety project
- Add left turn phase for vehicles turning left from westbound Liberty Ave. onto southbound Conduit Blvd. to allow for simpler, safer left turns
- Upgrade all crosswalks to high visibility to increase pedestrian visibility
- Work with Community Board 5 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016 implementation

OCEAN PKWY. & W. BRIGHTON AVE.

Community Board: 13

Council District: 48

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street
- Reduced speed limit on Ocean Pkwy. to 25 mph in June 2015

Recommendations:

- Install LED lighting to improve visibility under elevated roadway
- Refurbish markings on service road to improve visibility for motorists and pedestrians
- Work with Community Board 13 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Possible for 2017 implementation

OCEAN PKWY. & 18TH AVE.

Community Board: 12 & 14

Council District: 39, 40 & 44

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street
- Installed red light camera on northbound Ocean Pkwy. in March 2014 to reduce red light running
- Reduced speed limit on Ocean Pkwy. to 25 mph in June 2015

Recommendations:

- Part of the planned Ocean Pkwy. corridor safety project
- Install dedicated left turn signal on Ocean Pkwy. for northbound traffic to create safer left turns
- Install traffic signals on the service road to create safer crossings for pedestrians
- Work with Community Boards 12 and 14 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016 implementation

FLATBUSH AVE. & AVE. U

Community Board: 18

Council District: 46

Borough: Brooklyn

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Brooklyn. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Worked with Community Board 18 to develop enhancements
- Installed countdown signals to give pedestrians more information to cross the street
- Replaced “Right Turn Only” sign to clarify turn restrictions for motorists
- Part of the 2015 Flatbush Ave. and Ave. U intersection safety project
- Extended Ave. U median tips into crosswalk on both sides of Flatbush Ave.
- Constructed two pedestrian safety islands on Flatbush Ave. in existing channelization
- Added full time metered parking on Flatbush Ave. between Ave. U and Ave. V
- Posted 25 mph reduced speed limit signs on Flatbush Ave.

Recommendations:

- See above actions

Proposed Schedule to Implement Recommendations:

- Complete

ADAM CLAYTON POWELL BLVD. & W. 125TH ST.

Community Board: 10

Council District: 9

Borough: Manhattan

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Manhattan. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street
- Part of the 2013 Adam Clayton Powell Blvd. corridor safety project
- Removed one moving lane in each direction on Adam Clayton Powell Blvd.
- Installed painted median extensions on Adam Clayton Powell Blvd.
- Created northbound and southbound left turn lanes on Adam Clayton Powell Blvd.
- Worked with Community Board 10 to develop enhancements

Recommendations:

- Part of the planned Select Bus Service project
- Install bus lanes to calm and better organize traffic
- Consider westbound to southbound left turn ban to reduce turning conflicts
- Part of the planned Adam Clayton Powell Blvd. corridor safety project
- Construct concrete median extensions in existing project built in temporary materials

Proposed Schedule to Implement Recommendations:

- Scheduled for 2015 implementation

8TH AVE. & W. 40TH ST.

Community Board: 4 & 5

Council District: 3

Borough: Manhattan

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Manhattan. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street
- Replaced bike lane wayfinding signage to make motorists and cyclists aware of bike route

Recommendations:

- Study for Split Leading Pedestrian Interval for pedestrians crossing 8th Ave.
- Refurbish street markings and crosswalks to improve visibility for motorists and pedestrians
- Work with Community Boards 4 and 5 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2015 implementation

AVE. OF THE AMERICAS & W. 14TH ST.

Community Board: 2, 4 & 5

Council District: 3

Borough: Manhattan

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Manhattan. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of planned 6th Ave. bike route project
- Convert existing bike lane to a parking protected lane to increase safety for cyclists
- Install painted pedestrian safety island in north crosswalk to shorten crossing distances for pedestrians
- Install northbound left turn lane on Ave. of the Americas to create safer left turns
- Upgrade all crosswalks to high visibility to improve pedestrian visibility
- Part of the planned 14th St. Select Bus Service project
- Construct bus bulbs and curb extensions on W. 14th St. to shorten crossing distances for pedestrians and increase safety for transit riders
- Install bus lane to calm and better organize traffic
- Work with Community Boards 2, 4 and 5 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016/2017 implementation

1ST AVE. & E 75TH ST.

Community Board: 8

Council District: 5

Borough: Manhattan

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Manhattan. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Worked with Community Board 8 to develop enhancements
- Installed countdown signals to give pedestrians more information to cross the street
- Installed protected bike lane and pedestrian safety islands on 1st Ave. as part of 2013 1st Ave. bike project

Recommendations:

- See above actions

Proposed Schedule to Implement Recommendations:

- Completed

BROADWAY & W. 162ND ST.

Community Board: 12

Council District: 7

Borough: Manhattan

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Manhattan. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of the planned Broadway corridor safety project
- Part of Washington Heights Neighborhood Transportation Study
- Reduce Broadway to two travel lanes in each direction
- Expand pedestrian space on Broadway medians to shorten crossing distances for pedestrians
- Install improved markings and signage in intersections to create safer left turns
- Work with Community Board 12 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2017 implementation

GRAND AVE. & W 71ST ST.

Community Board: 5

Council District: 30

Borough: Queens

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Queens. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street

Recommendations:

- Part of the planned Grand Ave. corridor safety project
- Install painted center median on Grand Ave from 69th St. to 73rd St. to narrow moving lanes and reduce speeding
- Upgrade all crosswalks to high visibility to increase pedestrian visibility
- Ban eastbound left turn from 71st St. onto Grand Ave. to eliminate turning conflicts
- Work with Community Board 5 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Planned for 2016 implementation

PUTNAM AVE. & FRESH POND RD.

Community Board: 5

Council District: 30

Borough: Queens

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Queens. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.

Recommendations:

- Install signal on Fresh Pond Rd.
- Add crosswalks on the northern and southern legs of the intersection
- Upgrade all crosswalks to high visibility to increase pedestrian visibility
- Work with Community Board 5 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Possible for 2016 implementation

QUEENS BLVD. & 44TH ST.

Community Board: 2

Council District: 26

Borough: Queens

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Queens. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Worked with Community Board 2 to develop enhancements
- Installed countdown signals to give pedestrians more information to cross the street
- Part of 2014 Sunnyside capital improvement project
- Installed curb extension on the southwest corner to shorten crossing distances for pedestrians
- Reduced speed limit on Queens Blvd. to 25 mph
- Replaced "Wait for Green Light" sign to increase visibility of signals for motorists

Recommendations:

- Work with Community Board 2 to develop additional enhancements

Proposed Schedule to Implement Recommendations:

- Completed

NORTHERN BLVD. & 102ND ST.

Community Board: 3

Council District: 21

Borough: Queens

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Queens. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Worked with Community Board 3 to develop enhancements
- Installed countdown signals to give pedestrians more information to cross the street
- Part of the 2014 Northern Blvd. corridor safety project
- Banned westbound left turn from Northern Boulevard onto 102nd St. to eliminate turning conflicts
- Constructed a pedestrian safety island in the east crosswalk to shorten crossing distances for pedestrians
- Upgraded all crosswalks to high visibility to increase pedestrian visibility

Recommendations:

- See above actions

Proposed Schedule to Implement Recommendations:

- Completed

HYLAN BLVD. & NORWAY AVE.

Community Board: 2

Council District: 50

Borough: Staten Island

Inspection: Complete

Audit Report: Complete

Actions Taken:

- Designated as a Vision Zero Priority Intersection for Staten Island. This designation prioritizes the intersection for comprehensive safety engineering improvements, DOT and NYPD Street Team outreach, pedestrian-safety focused NYPD enforcement, and a Leading Pedestrian Interval (exclusive pedestrian crossing time) study.
- Installed countdown signals to give pedestrians more information to cross the street
- Installed fencing along center median on Hylan Blvd. to guide pedestrians to crosswalk
- Replaced missing diamond delineators to increase visibility for motorists

Recommendations:

- Upgrade all crosswalks to high visibility to improve pedestrian visibility
- Install crosswalk on northeast corner across slip lane
- Work with Community Board 2 to develop enhancements

Proposed Schedule to Implement Recommendations:

- Possible for 2017 implementation