



ROCKAWAY PARKWAY AT RUTLAND ROAD & KINGS HIGHWAY

School Safety Improvements

Information for Community Board 17 March 2017



VISION ZERO PRIORITY

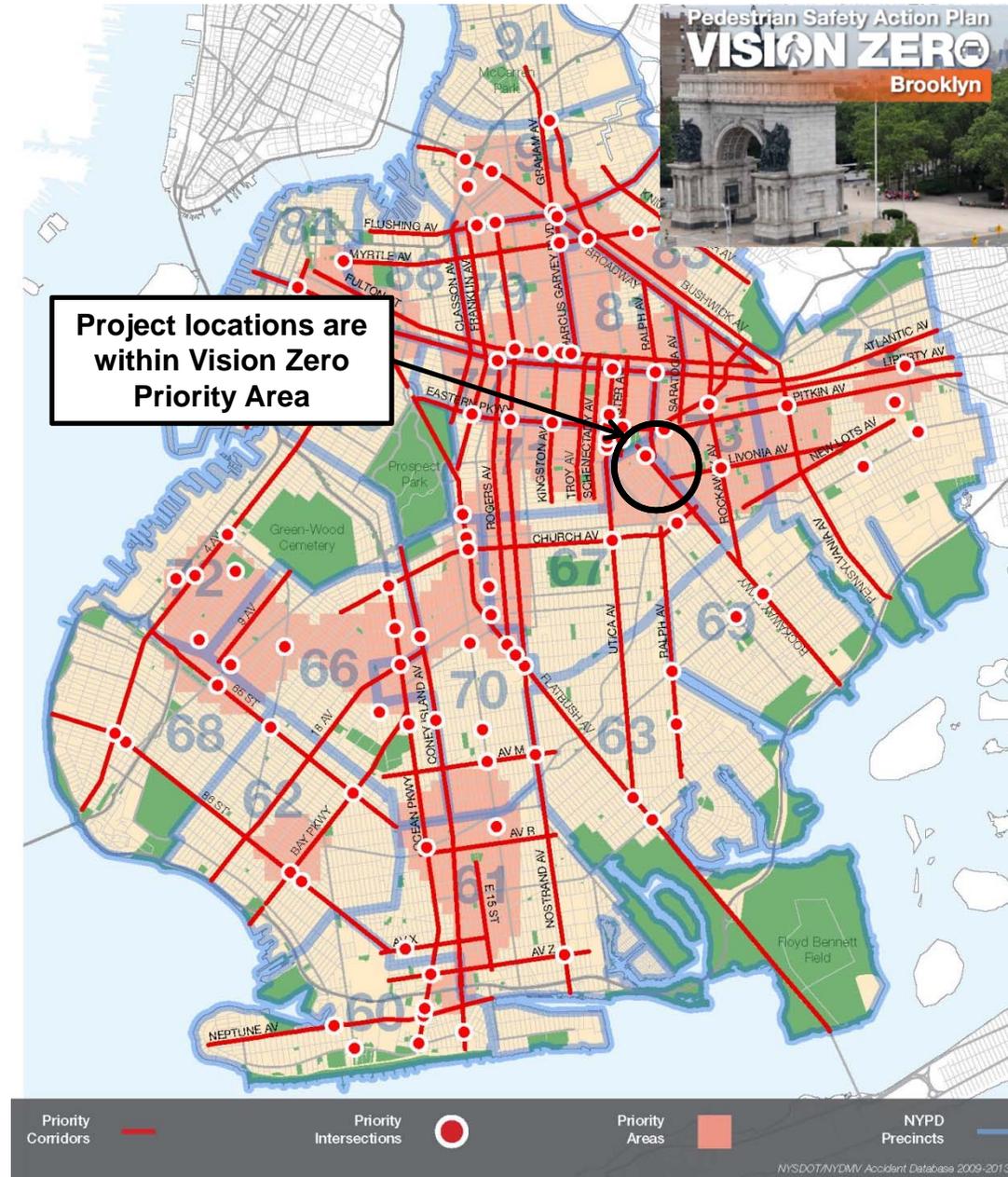
Brooklyn Priority Geographies

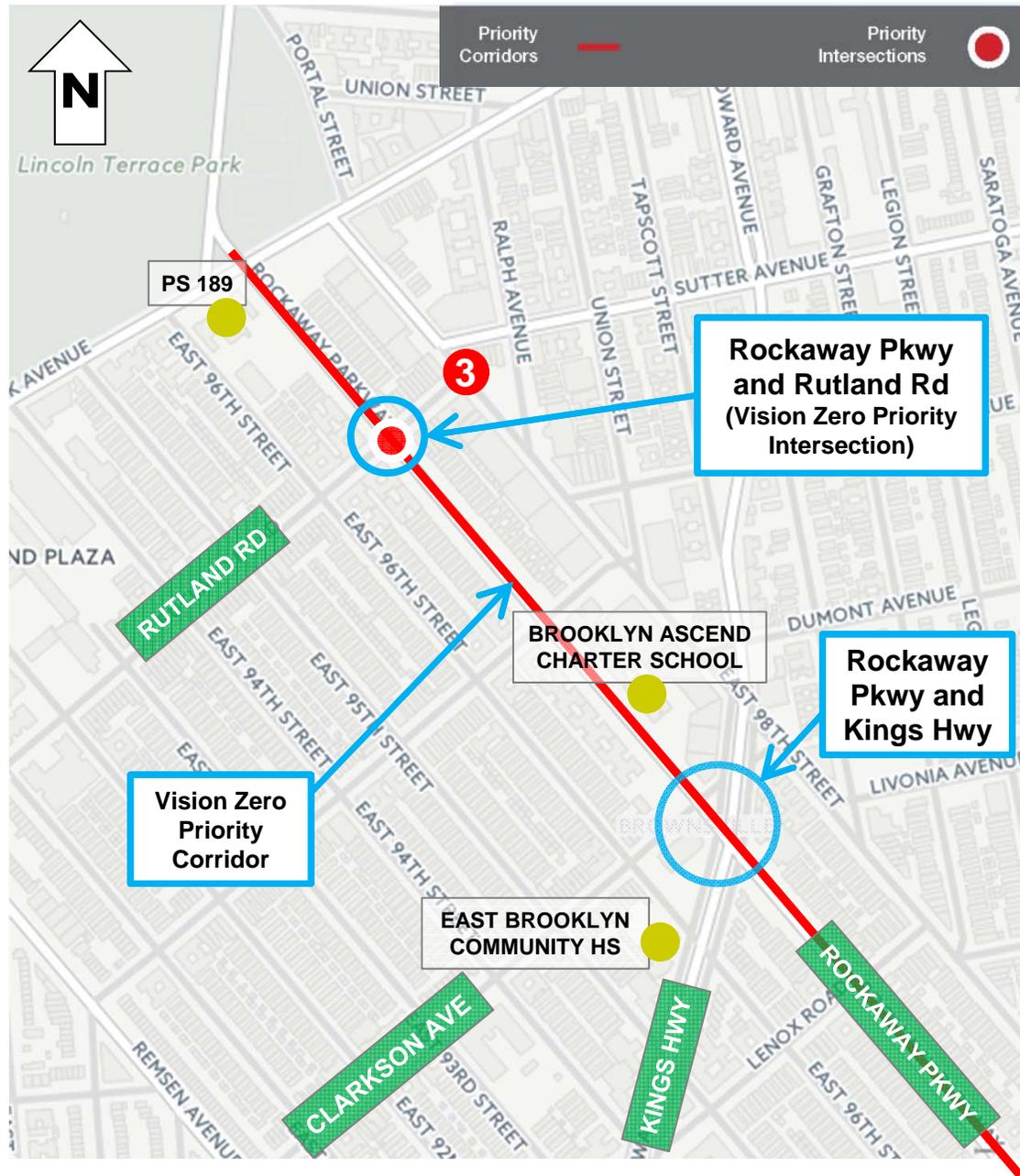
Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough

Rockaway Pkwy

- Rockaway Pkwy and Rutland Rd is a Priority Intersection
- Rockaway Pkwy is a Priority Corridor
- Located in a Priority Area





PROJECT LOCATION

- Rockaway Parkway and Rutland Road
- Rockaway Parkway and Kings Highway
- Project area heavily used by students accessing nearby schools
- **3** train stops at E 98th St & Rutland Rd and Livonia Av & Saratoga Ave and B7 bus runs along Kings Hwy

PREVIOUS WORK: ROCKAWAY PARKWAY



Rockaway Pkwy and Clarkson Ave, facing south

In 2015 in response to community requests DOT installed pedestrian refuge islands and a mid-block crossing on Rockaway Pkwy between Winthrop and Clarkson, adjacent to Brooklyn Ascend Charter School, and a leading pedestrian interval (LPI) at Rockaway Pkwy and Rutland Rd

ROCKAWAY PARKWAY AND RUTLAND ROAD

EXISTING CONDITIONS: ROCKAWAY PARKWAY AND RUTLAND ROAD

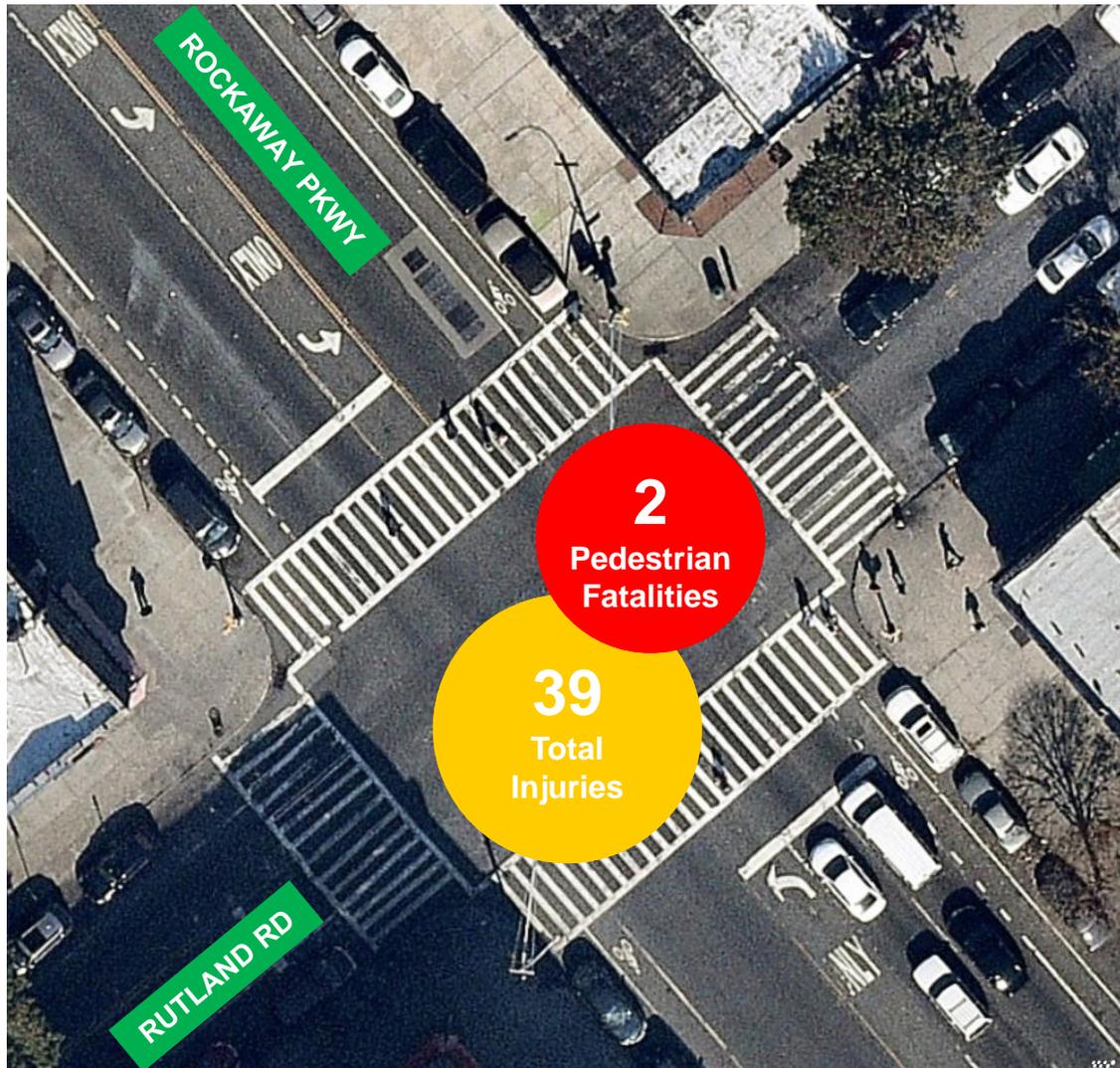


76'

Long crossing distances for pedestrians, especially for children and seniors

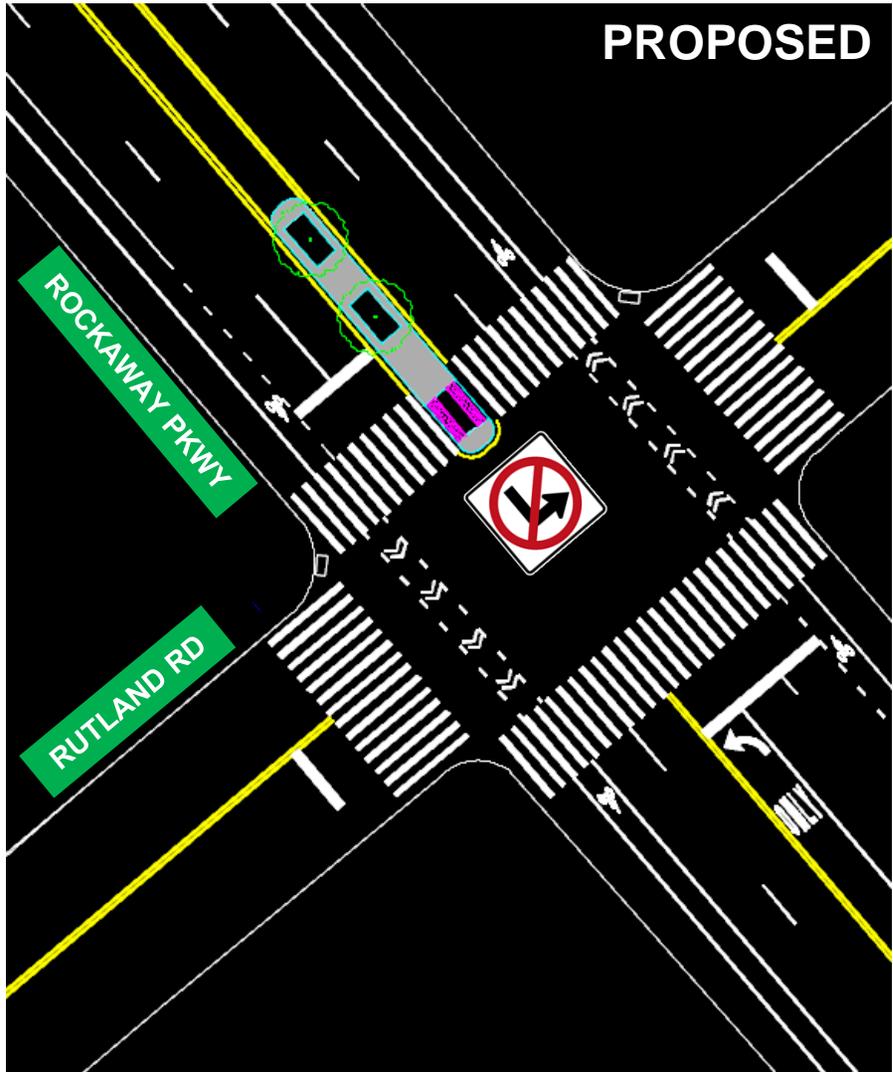
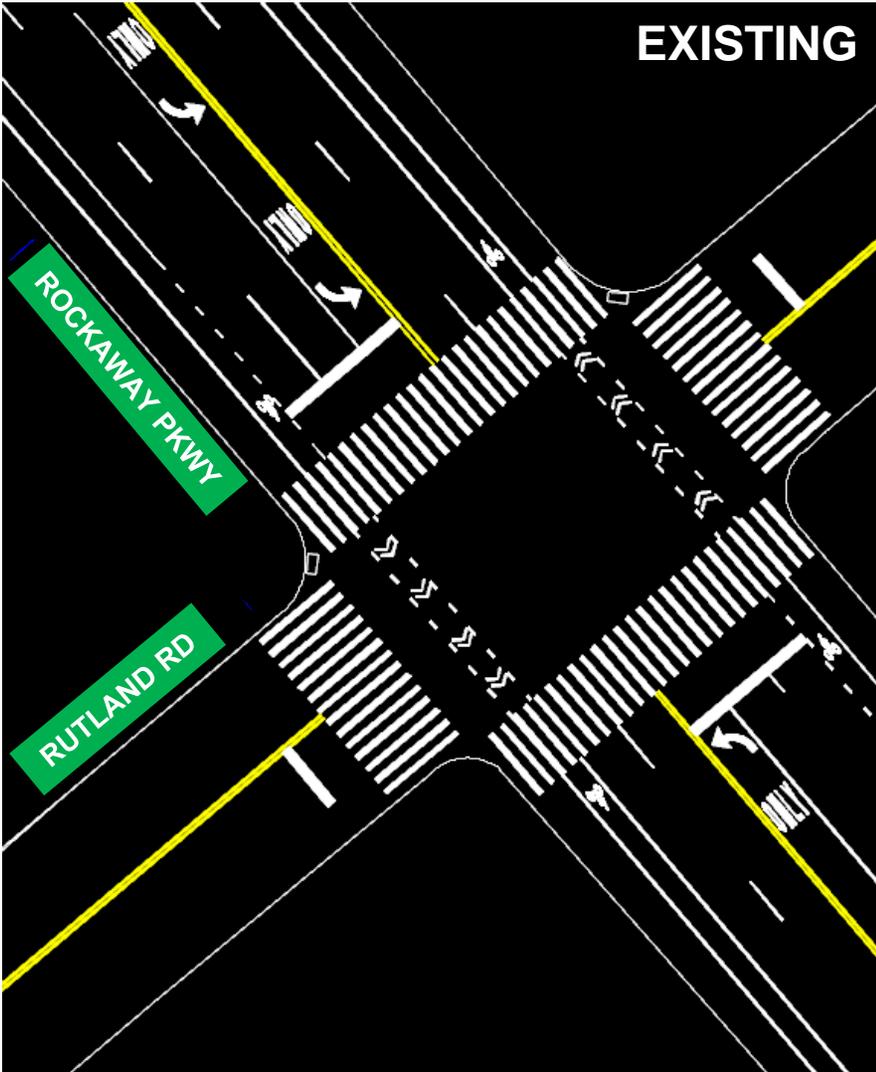
Rockaway Pkwy and Rutland Rd, facing north

SAFETY DATA: ROCKAWAY PARKWAY & RUTLAND RD

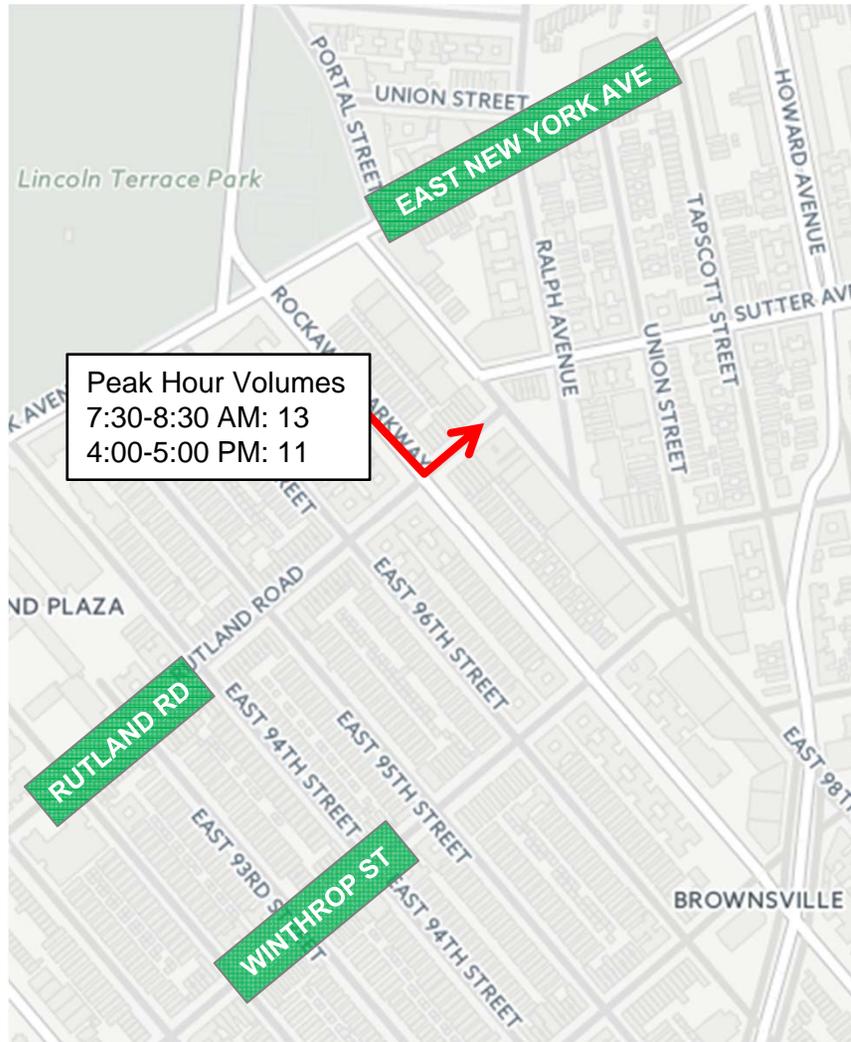


*Fatality and injury data from 2010-2014 (5 years). One of the two fatalities listed occurred in 2009.

PROPOSAL: ROCKAWAY PARKWAY AND RUTLAND ROAD



LEFT TURN VOLUMES: ROCKAWAY PARKWAY & RUTLAND RD



- Very few vehicles make the proposed banned left turn
- Only 13 left turns per hour from southbound Rockaway Parkway onto Rutland Road during the morning rush and only 11 vehicles per hour make the turn during the evening rush hour
- Traffic analysis shows that these turns can be shifted to East New York Avenue and Winthrop Street without significant delays

ROCKAWAY PARKWAY AND KINGS HIGHWAY

EXISTING CONDITIONS: ROCKAWAY PARKWAY AND KINGS HIGHWAY

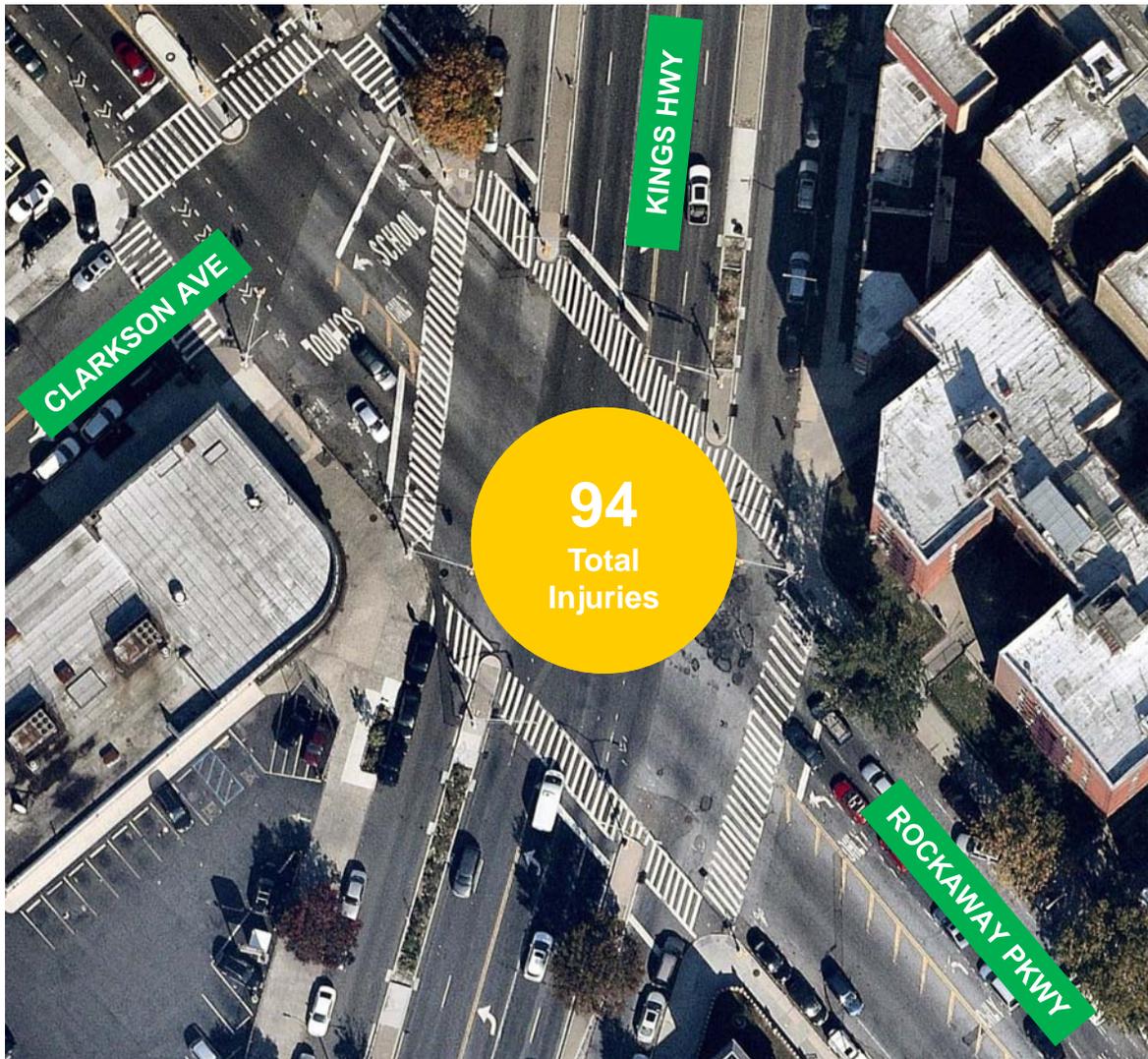


Rockaway Pkwy and Kings Hwy, facing south

EXISTING CONDITIONS: ROCKAWAY PARKWAY AND KINGS HIGHWAY

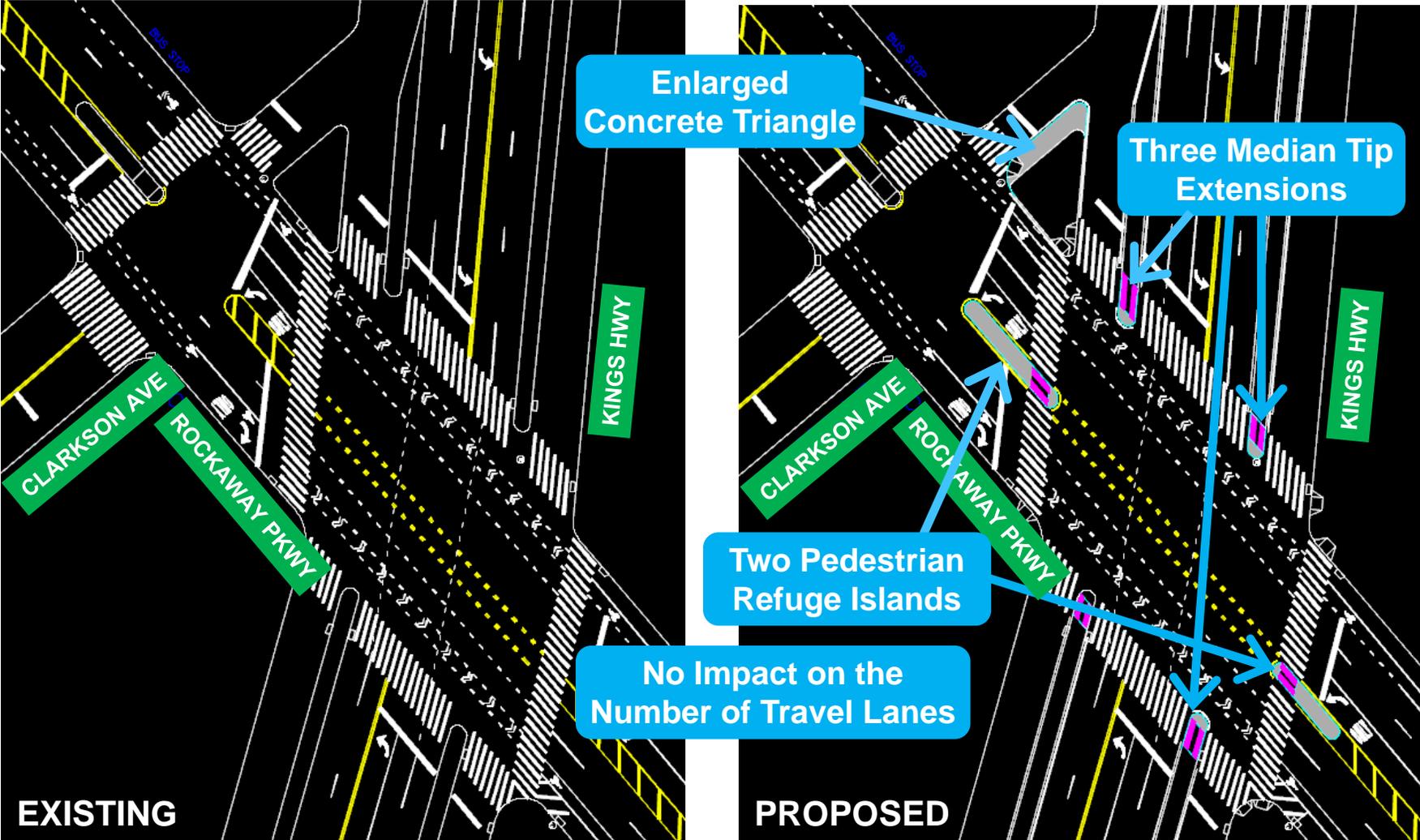


SAFETY DATA: ROCKAWAY PARKWAY & KINGS HIGHWAY



*Fatality and injury data from 2010-2014 (5 years).

SUMMARY OF PROPOSALS: ROCKAWAY PARKWAY AND KINGS HIGHWAY



PROPOSAL: MEDIAN TIP EXTENSIONS & ISLANDS

Have been shown to*:

- Decrease pedestrian crashes by **46%**
- Reduce vehicle crashes by **39%**

In the year following implementation of islands near Brooklyn Ascend Charter School on Rockaway Pkwy, pedestrian injuries declined **40%**, while overall crashes declined **29%**



BENEFITS OF PROPOSALS

- Improves safety at intersections heavily used by students
- Provides pedestrian refuge and reduces the number of movements at a Vision Zero Priority Intersection
- Shortens crossing distances and provides ADA accessible pedestrian refuges
- Calms traffic
- Clarifies vehicle movements and prevents illegal maneuvers at Kings Hwy



THANK YOU!

Questions?



Contact: NYCDOT Brooklyn Borough Commissioner's Office – (646) 892-1350



NYC DOT



NYC DOT



nyc_dot



NYC DOT