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 locations are within Vision Zero 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
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

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

EXISTING

PROPOSED
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

Existing median does not extend into crosswalk and does not provide adequate refuge for pedestrians.
EXISTING CONDITIONS:
ROCKAWAY PARKWAY AND KINGS HIGHWAY

Rockaway Pkwy and Kings Hwy, facing south

Missing pedestrian signal and cars blocking crosswalk
SAFETY DATA:
ROCKAWAY PARKWAY & KINGS HIGHWAY

94 Total Injuries

*Fatality and injury data from 2010-2014 (5 years).
SUMMARY OF PROPOSALS:
ROCKAWAY PARKWAY AND KINGS HIGHWAY

EXISTING

PROPOSED

Enlarged Concrete Triangle
Three Median Tip Extensions
Two Pedestrian Refuge Islands
No Impact on the Number of Travel Lanes
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.gov/dot