Ditmas Ave & Ralph Ave
Intersection Safety Improvements
Community Board 17, Brooklyn

Commissioner Janette Sadik-Khan   New York City Department of Transportation
Office of Research, Implementation and Safety
Oct 16th, 2013
Project Area

- Project area: Ralph Ave, Ditmas Ave, E 83rd St, Clarendon Rd, Canarsie Ln complex intersection
- Light industrial & mixed use
- Adjacent to Brooklyn Terminal Market
- Nazareth Regional High School, I.S. 285 Meyer Levin, and Samuel J. Tilden High School nearby
- B47 bus route along Ralph Ave
Need: Why this location?

- Community request from NYS Assemblywoman Weinstein
- DOT Signals division identified the location for signal improvements
- Ralph Ave & Ditmas Ave and Ralph Ave & Ditmas Ave both rank in the top 5% of dangerous Brooklyn intersections
Specific Issues

- Complex, confusing set of intersections
- Dangerous offset left turn from SB Ralph Ave to E 83rd St
  - Nearly 5X the left turn crashes of borough average (23 in 5 years)
- Heavy left turns from northbound Ralph Ave to westbound Clarendon Rd and westbound Ditmas Ave
- No formal pedestrian route on east curb
Project Details: existing conditions
Project Details: proposal
Close slip ramps at Ditmas Ave and E 83rd St and expand pedestrian space (painted or concrete, TBD)
Project Details: proposal

- Close slip ramps at Ditmas Ave and E 83rd St and expand pedestrian space
- Reverse direction of E 83rd St to northbound from Canarsie Ln to Ditmas Ave
• Close slip ramps at Ditmas Ave and E 83rd St and expand pedestrian space
• Reverse direction of E 83rd St to northbound from Canarsie Ln to Ditmas Ave
• Install signal at Ralph Ave & Canarsie Ln and left turn signal at Ralph Ave & Clarendon Rd
Project Details: proposal

- Close slip ramps at Ditmas Ave and E 83rd St and expand pedestrian space
- Reverse direction of E 83rd St to northbound from Canarsie Ln to Ditmas Ave
- Install signal at Ralph Ave and Canarsie Ln and left turn signal at Ralph Ave & Clarendon Rd
- Redirect SB left turns from Ralph Ave to E 83rd St away from the busy intersection of Clarendon Rd to Canarsie Ln
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- Reverse direction of E 83rd St to northbound from Canarsie Ln to Ditmas Ave
- Install signal at Ralph Ave and Canarsie Ln and left turn signal at Ralph Ave & Clarendon Rd
- Redirect SB left turns from Ralph Ave to E 83rd St away from the busy intersection of Clarendon Rd and Ralph Ave to Canarsie Ln
- Ban left turns from Ralph Ave to Ditmas Ave
Proposal Benefits

- Better organizes and simplifies the intersections
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- Eliminates the dangerous left from southbound Ralph Ave to E 83rd St
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- Left turn signal provides simpler, safer left turns @ Clarendon Rd & Ralph Ave
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- Eliminates the dangerous left from southbound Ralph Ave to E 83rd St
- Left turn signal provides simpler, safer left turns @ Clarendon Rd & Ralph Ave
- New crosswalks create a safe pedestrian crossing at Ralph Ave & Carnarsie La
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- Left turn signal provides simpler, safer left turns @ Clarendon Rd & Ralph Ave
- New crosswalks create a safe pedestrian crossing at Ralph Ave & Carnarsie La
- More protected pedestrian access on the east side of Ralph Ave
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- Left turn signal provides simpler, safer left turns @ Clarendon Rd & Ralph Ave
- New crosswalks create a safe pedestrian crossing at Ralph Ave & Carnarsie La
- More protected pedestrian access on the east side of Ralph Ave
- Preserves access for Brooklyn Terminal Market trucks
Proposal Benefits

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- Left turn signal provides simpler, safer left turns @ Clarendon Rd & Ralph Ave
- New crosswalks create a safe pedestrian crossing at Ralph Ave & Carnarsie La
- More protected pedestrian access on the east side of Ralph Ave
- Preserves access for Brooklyn Terminal Market trucks
- Traffic capacity maintained at current level