

Ditmas Ave & Ralph Ave Intersection Safety Improvements

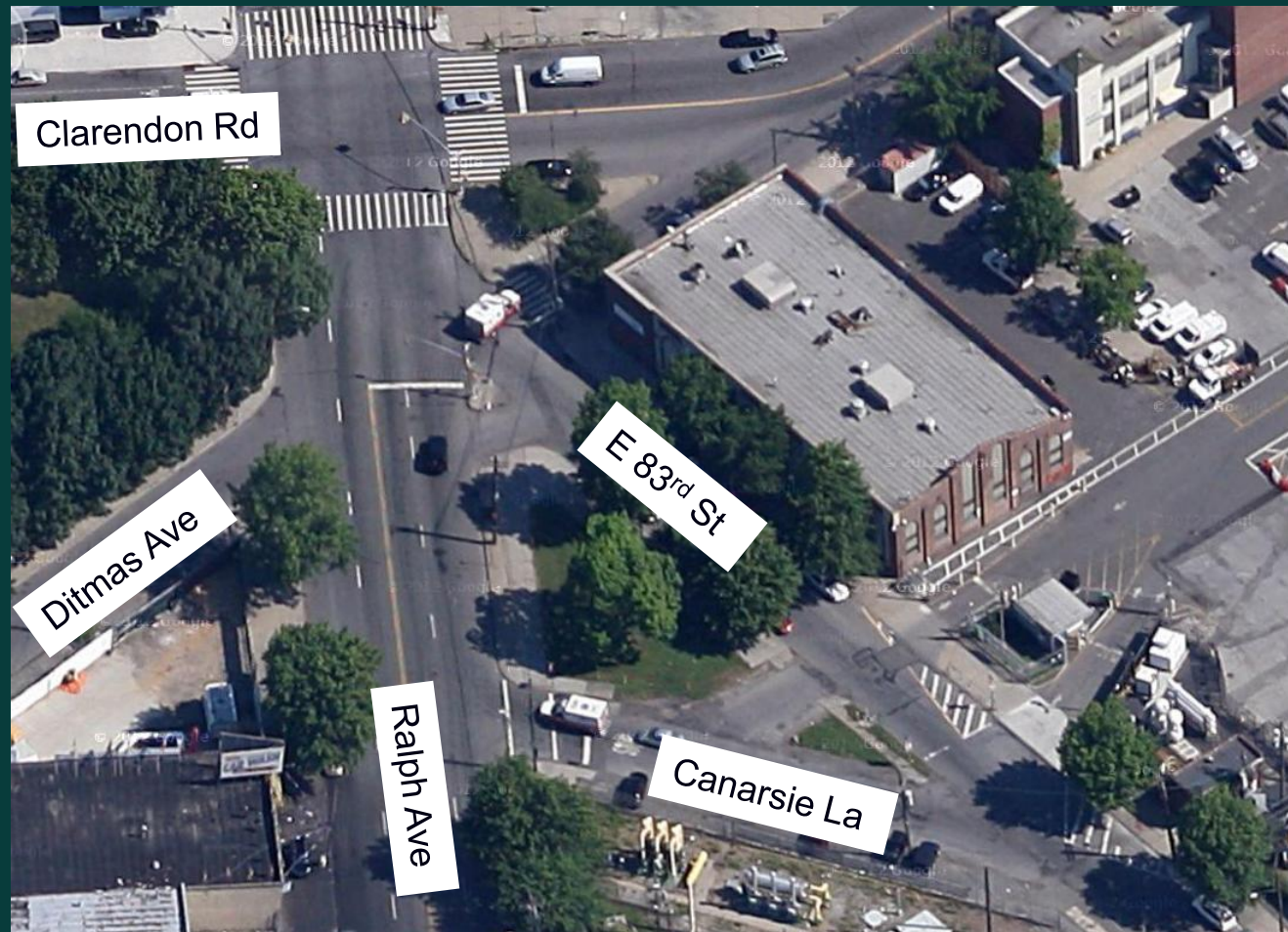
Community Board 17, Brooklyn

Oct
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

Ralph Avenue - Ditmas Ave to Clarendon Rd, BK Injury Summary, 2007-2011 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	6	1	0	1
Bicyclist	5	0	0	0
Motor Vehicle Occupant	220	8	0	8
Total	231	9	0	9

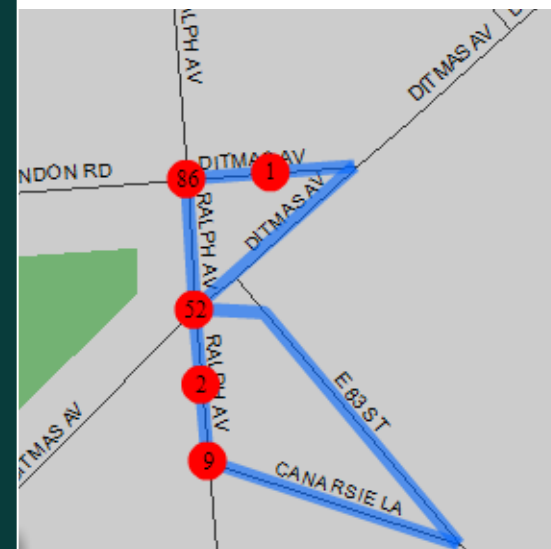
Fatalities, 01/01/2007-7/29/2013 : None

Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or Severely Injured

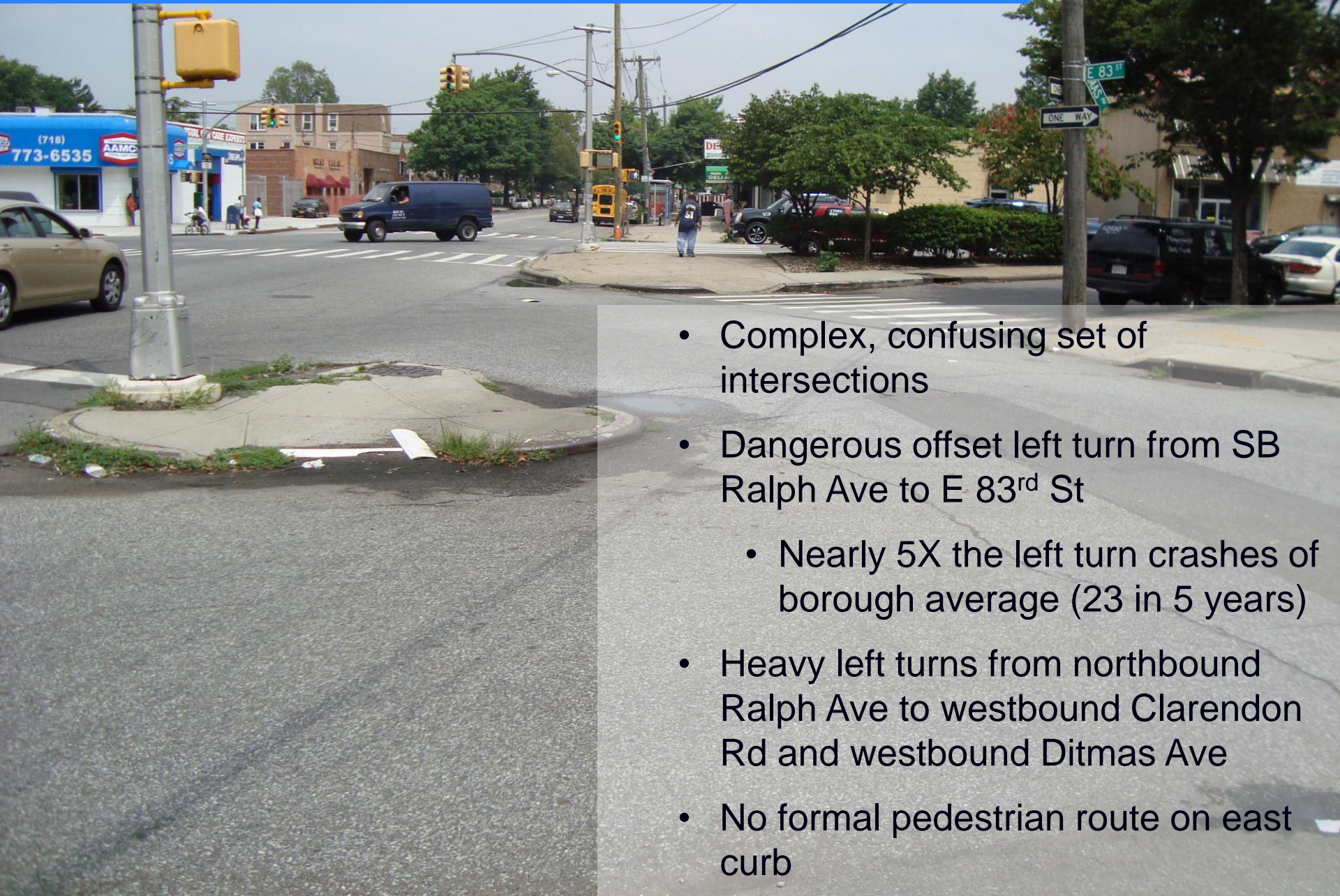


Ralph Ave and Ditmas Ave, looking east

Total Crash Injuries 2007-2011



Specific Issues

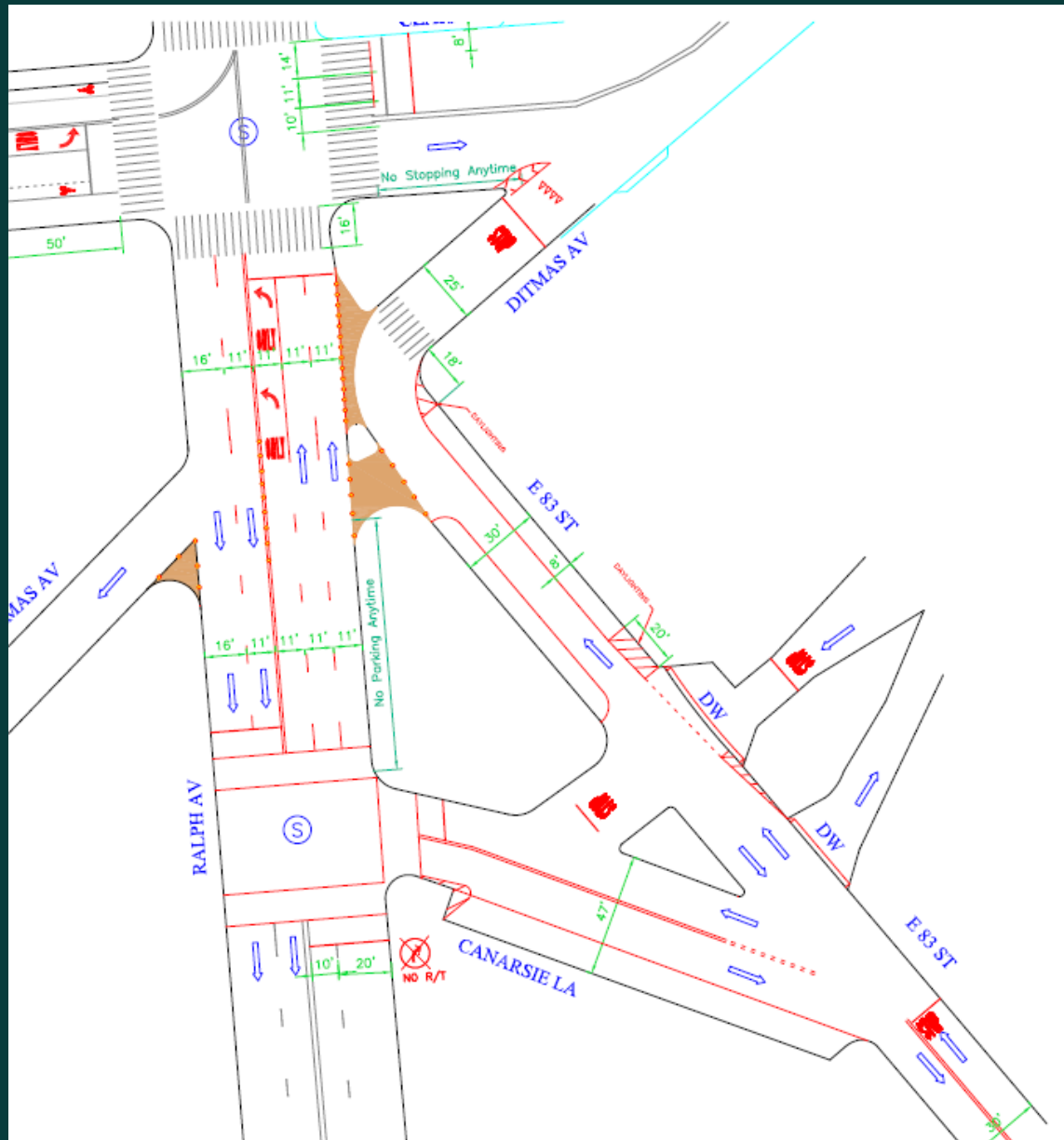


- Complex, confusing set of intersections
- Dangerous offset left turn from SB Ralph Ave to E 83rd St
 - Nearly 5X the left turn crashes of borough average (23 in 5 years)
- Heavy left turns from northbound Ralph Ave to westbound Clarendon Rd and westbound Ditmas Ave
- No formal pedestrian route on east curb

Project Details: existing conditions

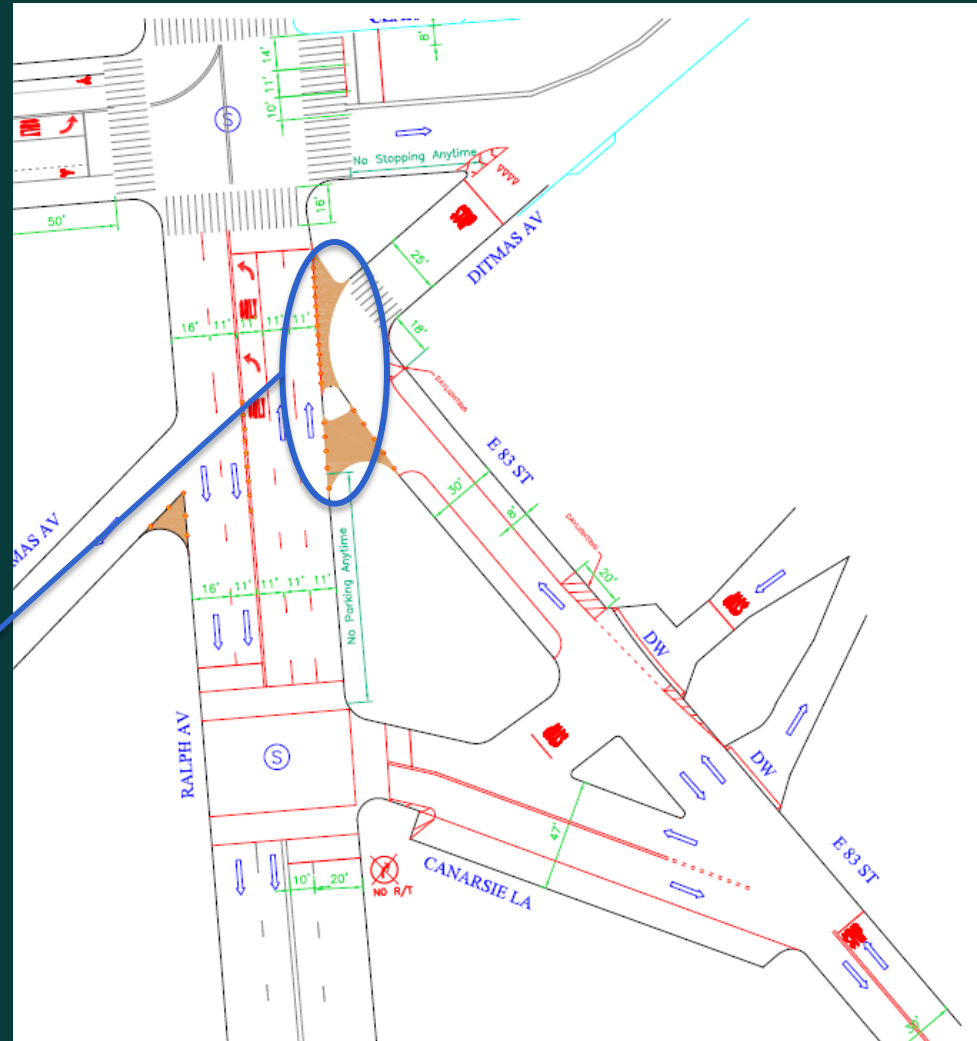


Project Details: proposal



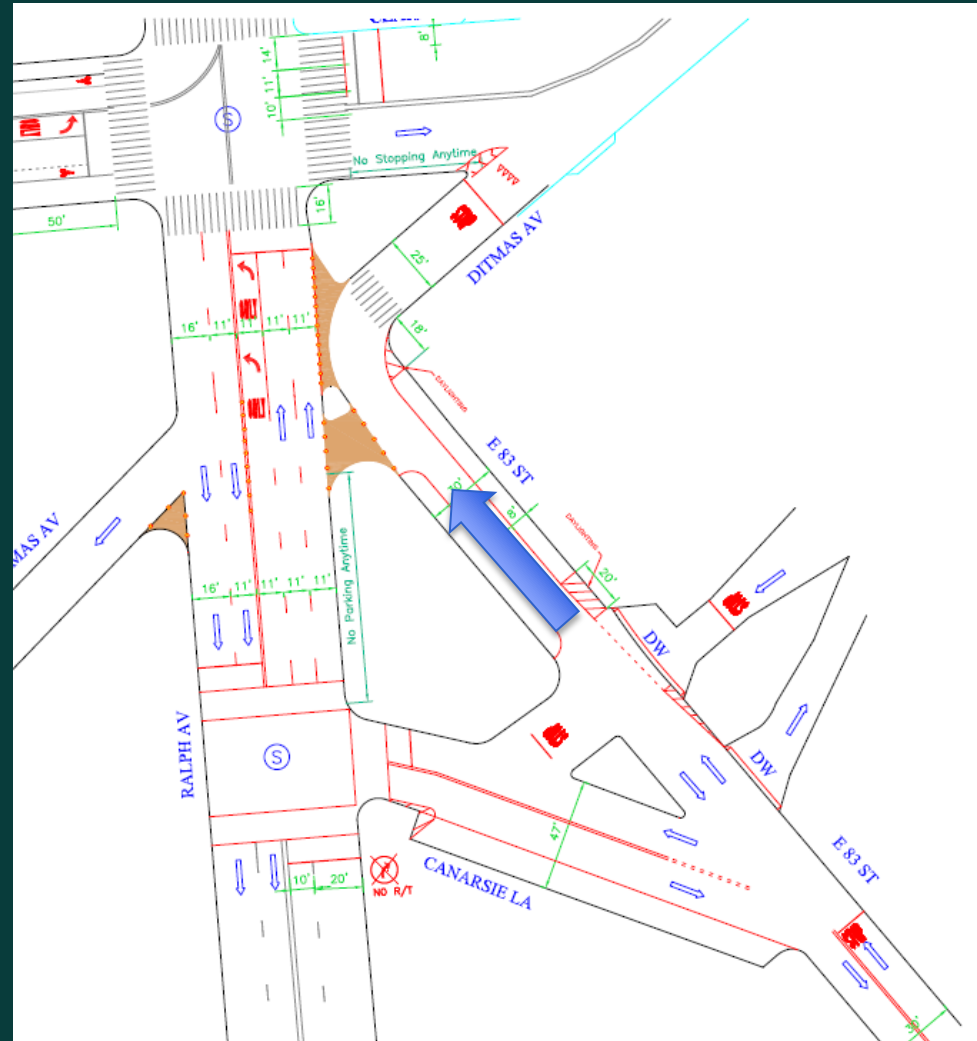
Project Details: proposal

- Close slip ramps at Ditmas Ave and E 83rd St and expand pedestrian space (painted or concrete, TBD)



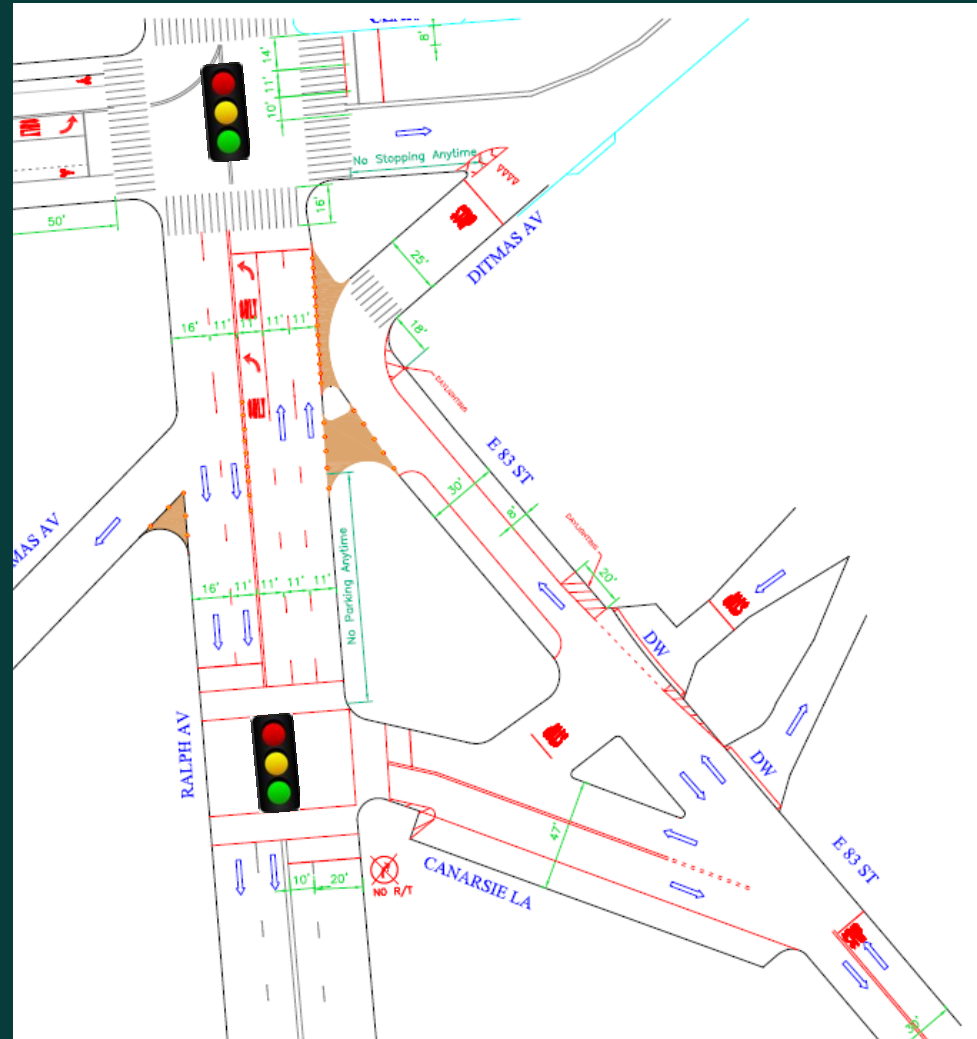
Project Details: proposal

- 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



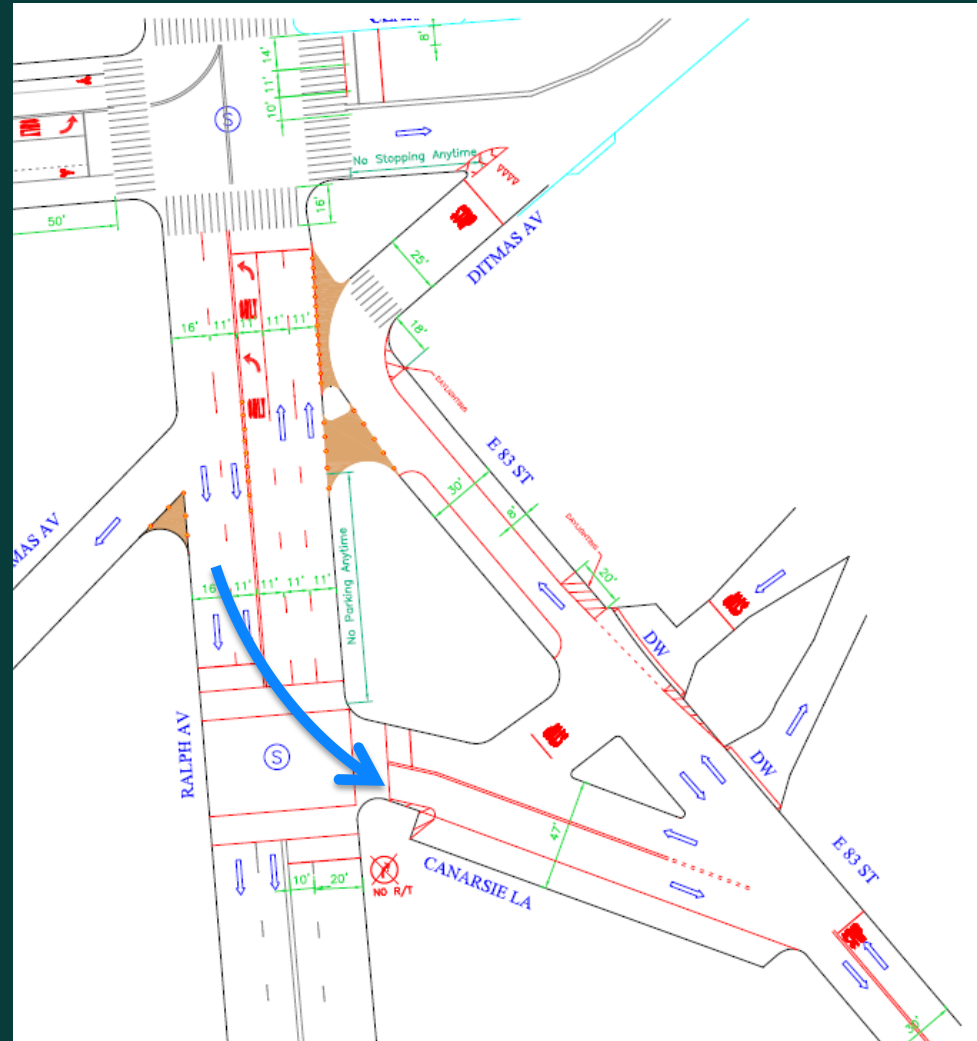
Project Details: proposal

- 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 & Canarsie Ln and left turn signal at Ralph Ave & Clarendon Rd



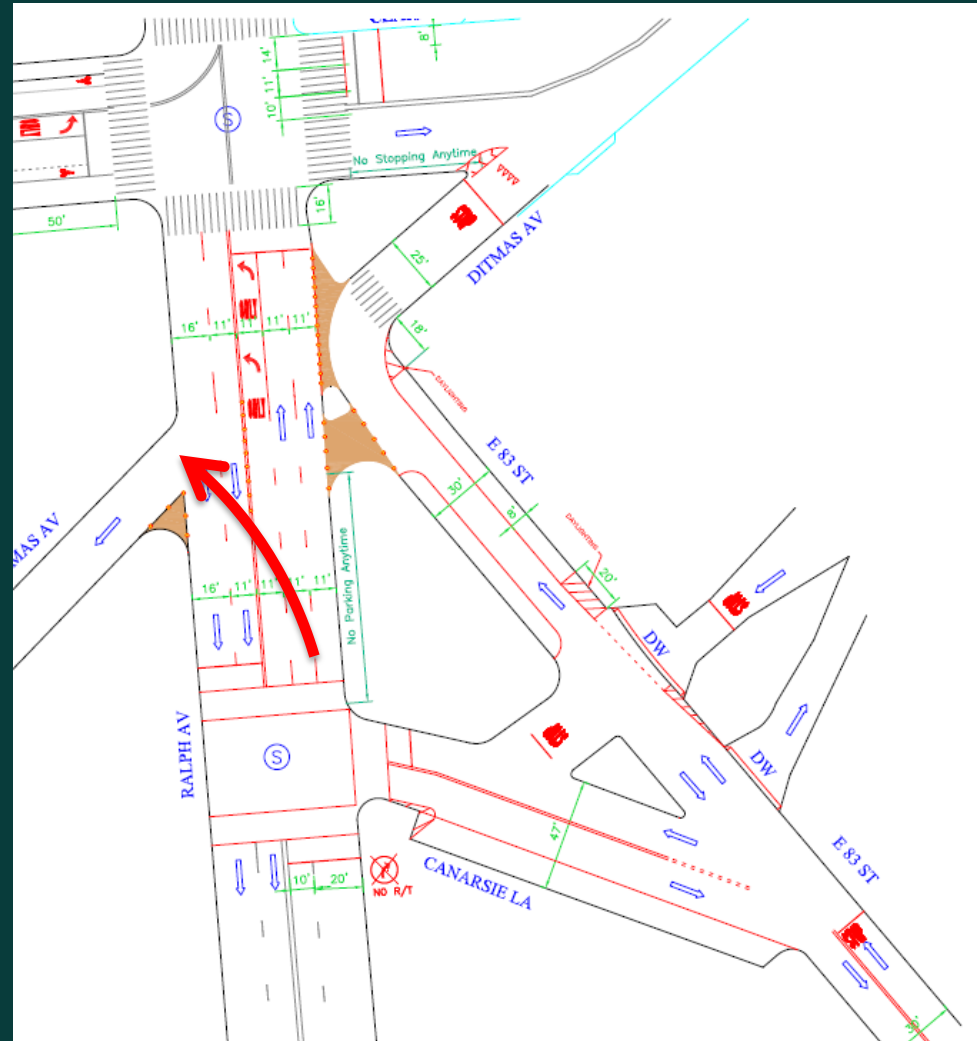
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- Reverse direction of E 83rd St to northbound from Canarsie Ln to Ditmas Ave
- Install signal at Ralph Ave and Canarsie Ln and left turn signal at Ralph Ave & Clarendon Rd
- Redirect SB left turns from Ralph Ave to E 83rd St away from the busy intersection of Clarendon Rd to Canarsie Ln



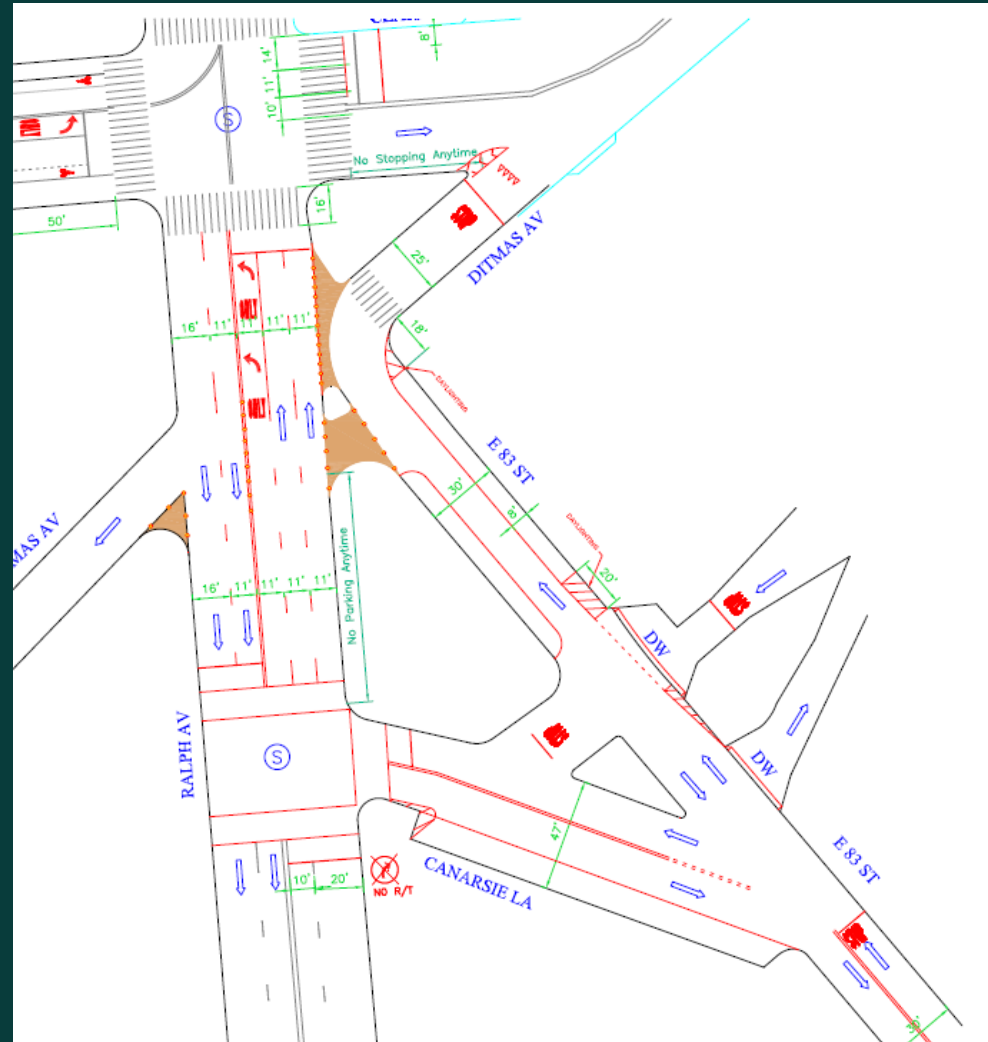
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- Redirect SB left turns from Ralph Ave to E 83rd St away from the busy intersection of Clarendon Rd and Ralph Ave to Canarsie Ln
- Ban left turns from Ralph Ave to Ditmas Ave



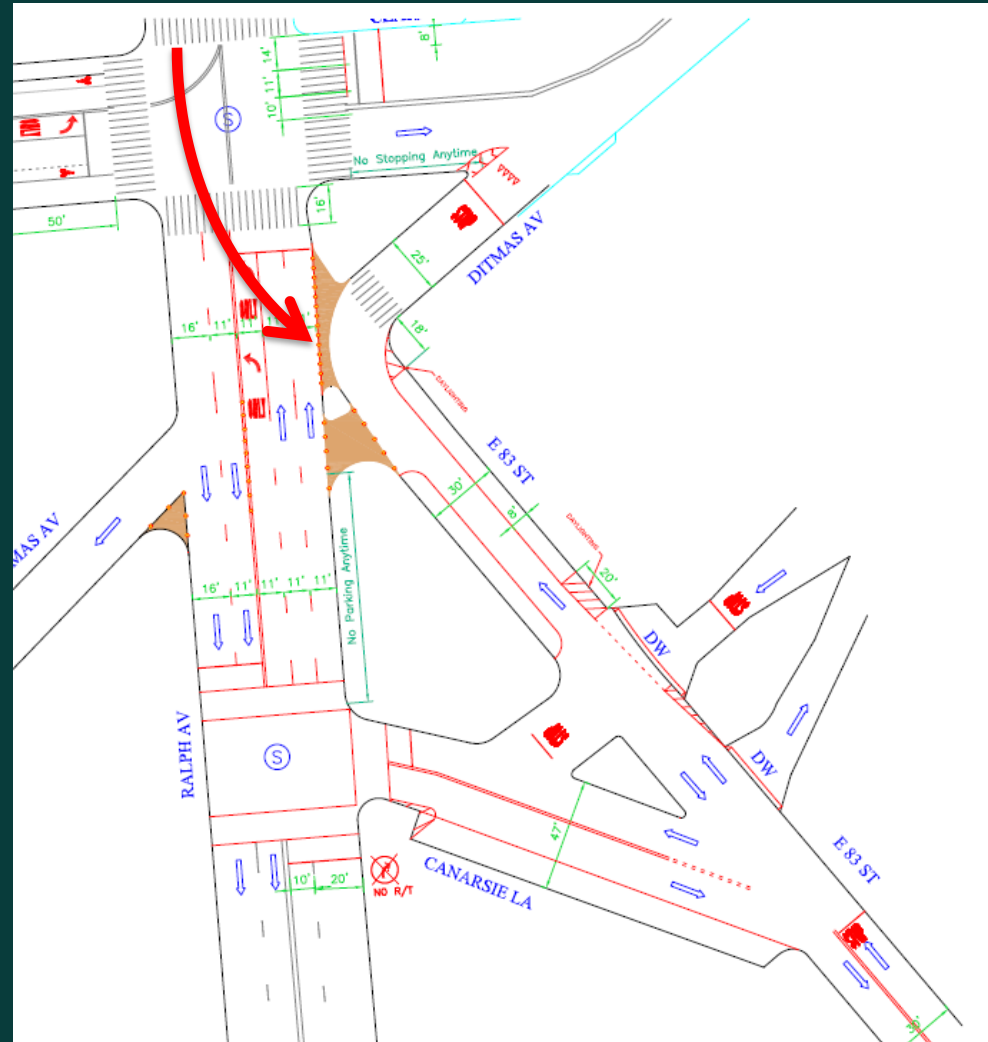
Proposal Benefits

- Better organizes and simplifies the intersections



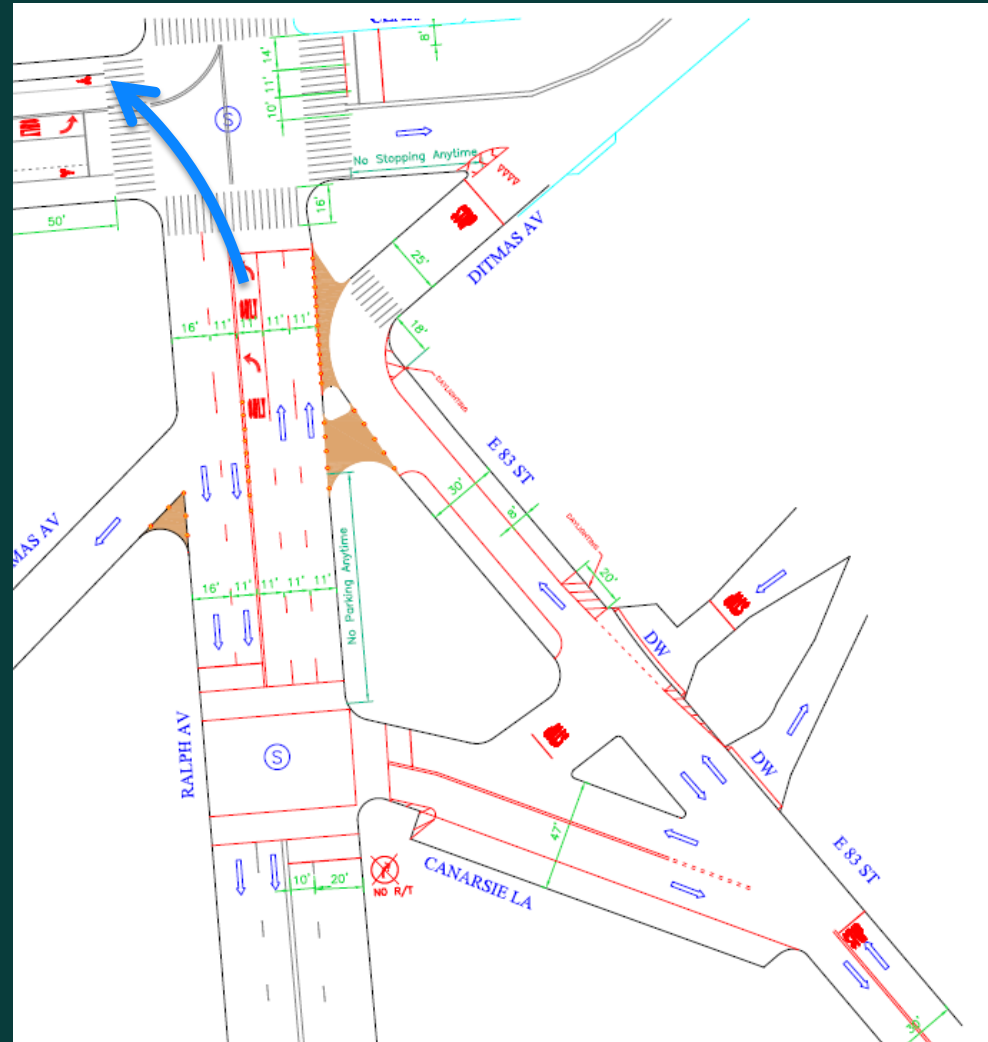
Proposal Benefits

- Better organizes and simplifies the intersections
- Eliminates the dangerous left from southbound Ralph Ave to E 83rd St



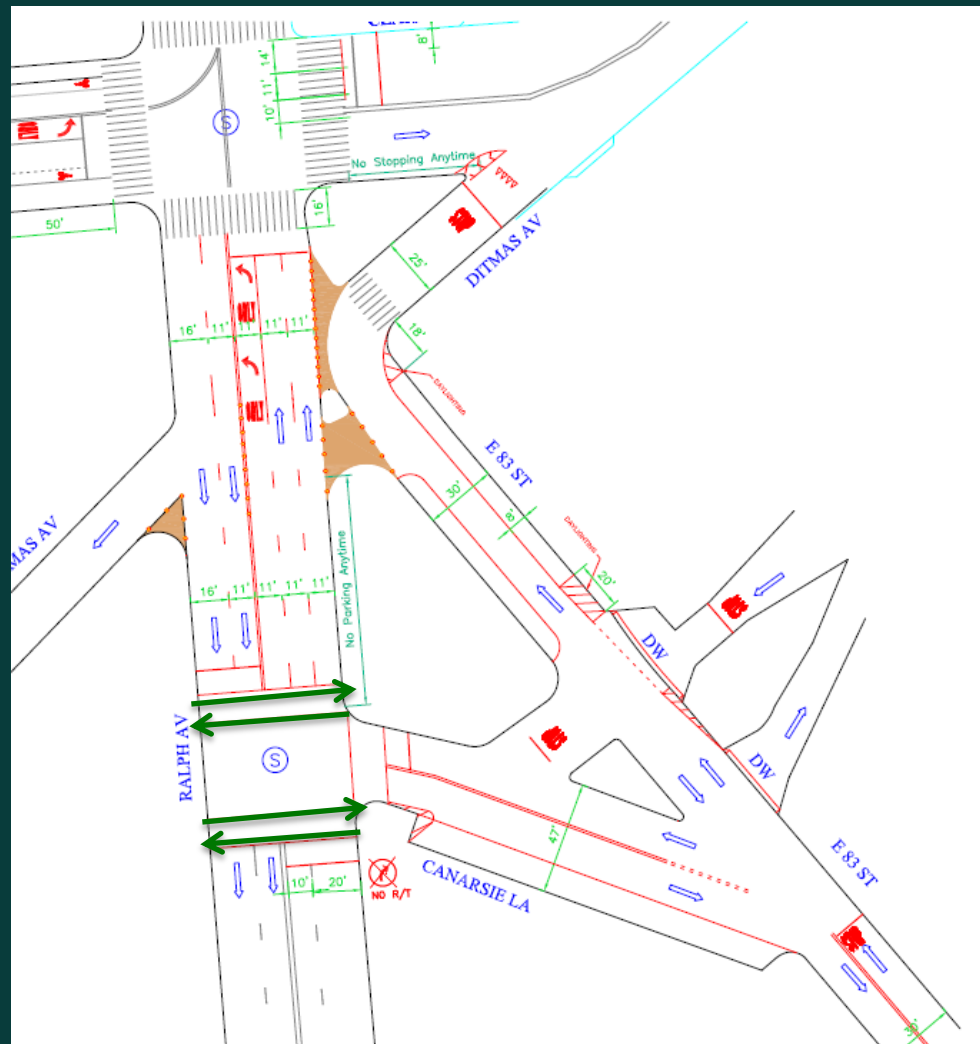
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- Left turn signal provides simpler, safer left turns @ Clarendon Rd & Ralph Ave



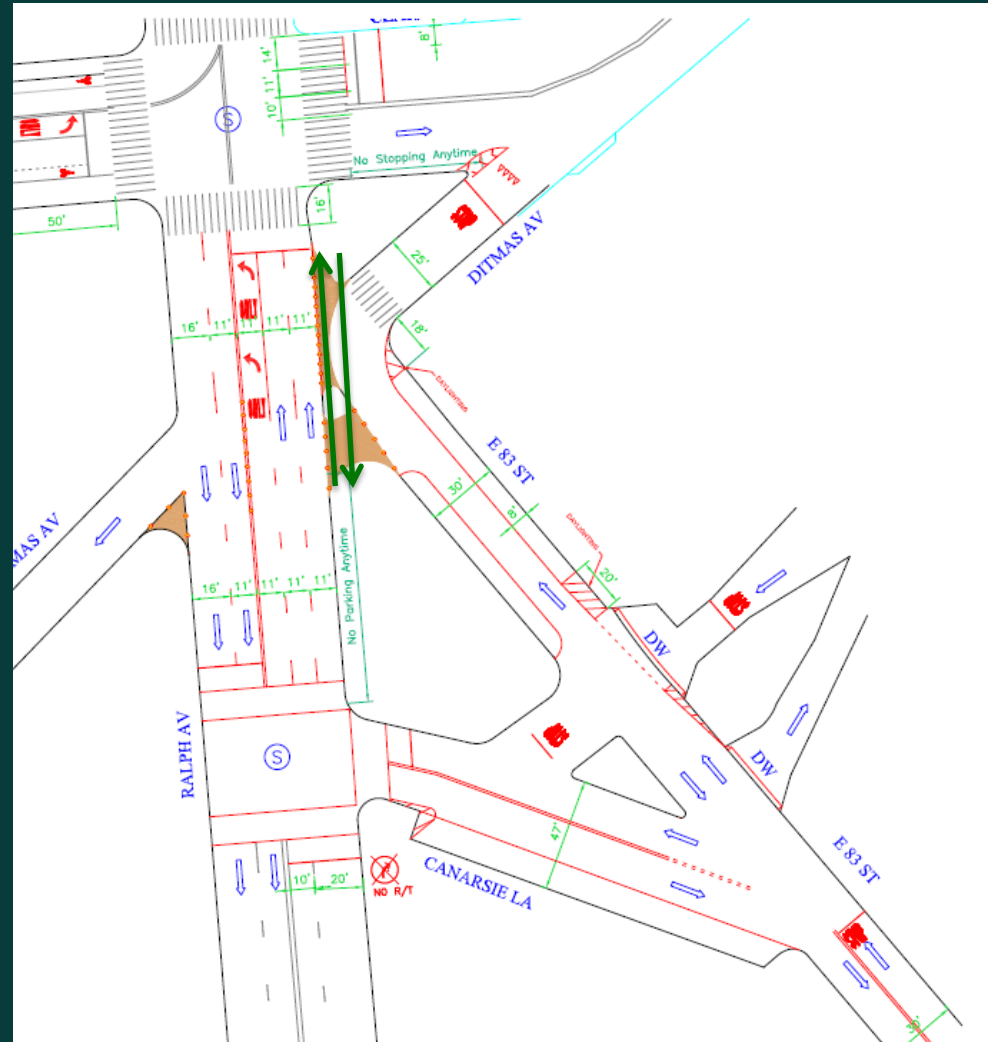
Proposal Benefits

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- New crosswalks create a safe pedestrian crossing at Ralph Ave & Carnarsie La



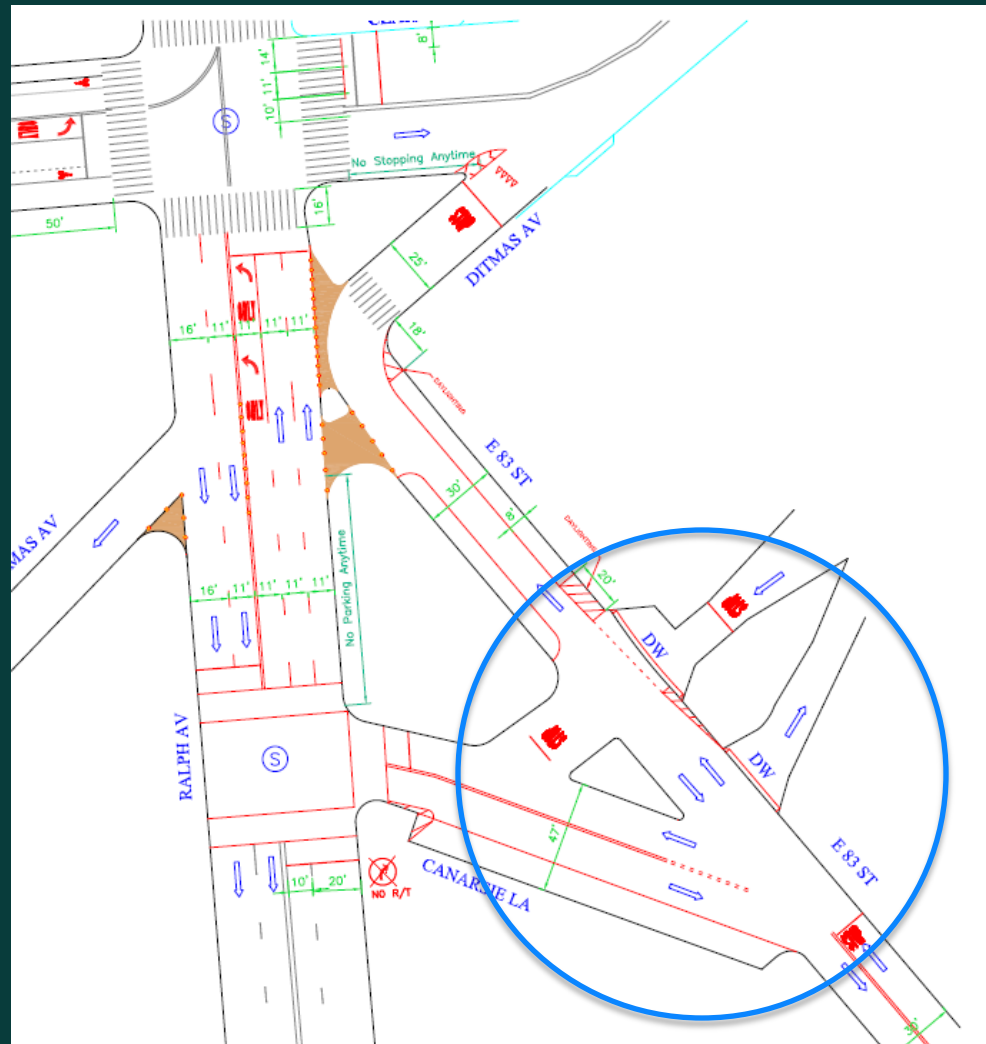
Proposal Benefits

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- New crosswalks create a safe pedestrian crossing at Ralph Ave & Carnarsie La
- More protected pedestrian access on the east side of Ralph Ave



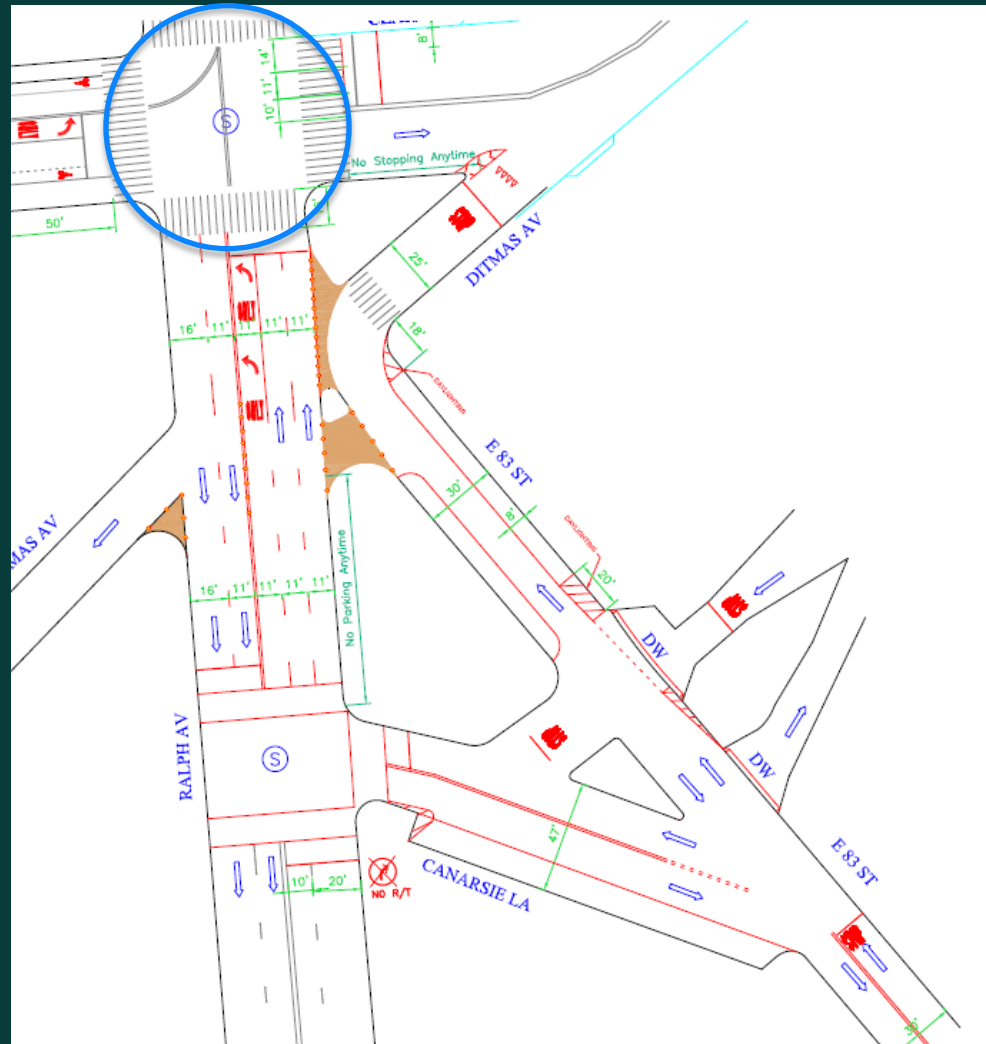
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- More protected pedestrian access on the east side of Ralph Ave
- Preserves access for Brooklyn Terminal Market trucks



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- 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



Questions?

**Thank
You**