Liberty & Rockaway

Intersection Safety & Traffic Improvements





Commissioner Janette Sadik-Khan New York City Department of Transportation Office of Research, Implementation & Safety -- June 03, 2010 Presentation to CB10

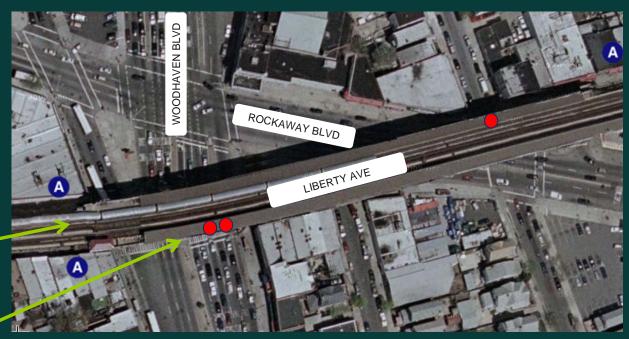


Project Background

- Child pedestrian fatality at Cross Bay Blvd and Liberty Ave in Jan 2009
- Cross Bay Blvd and Liberty Ave noted by NYPD as a challenging location
- Review requested by the Queens Borough Commissioner
- Within Woodhaven Boulevard Congested Corridor study area

Existing Conditions

- Rockaway Blvd subway station
- 7 bus lines
- High traffic volumes on Woodhaven/Cross Bay (over 2000 vph NB peak)
- Heavily congested intersections
- Complex intersection geometry
- Elevated train runs over Liberty Ave
- Busy commercial retail area
- Heavy pedestrian volume (including many children)

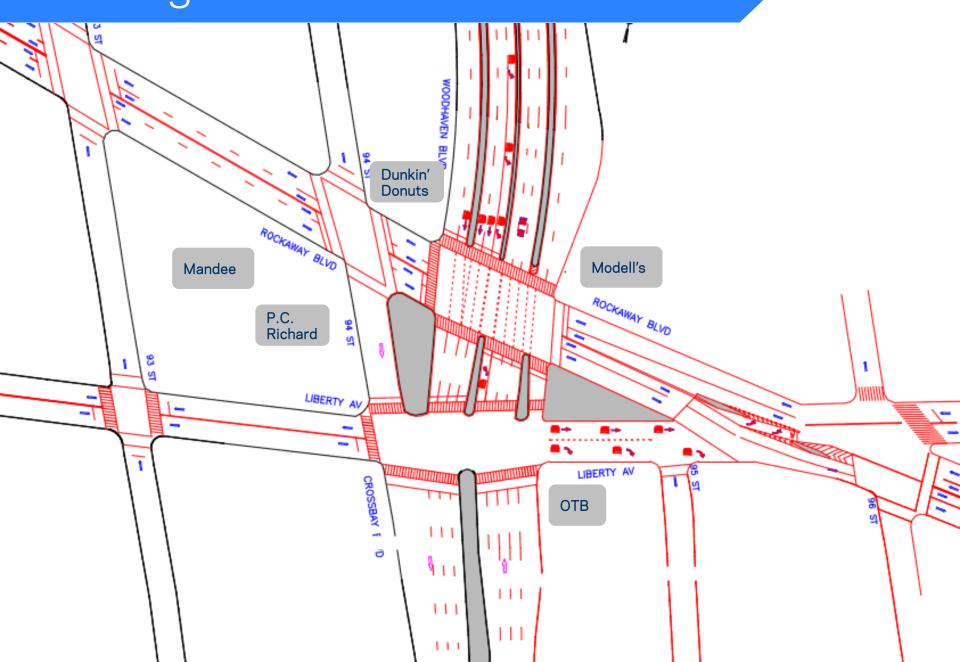


Pedestrian Fatalities (2004-2009)

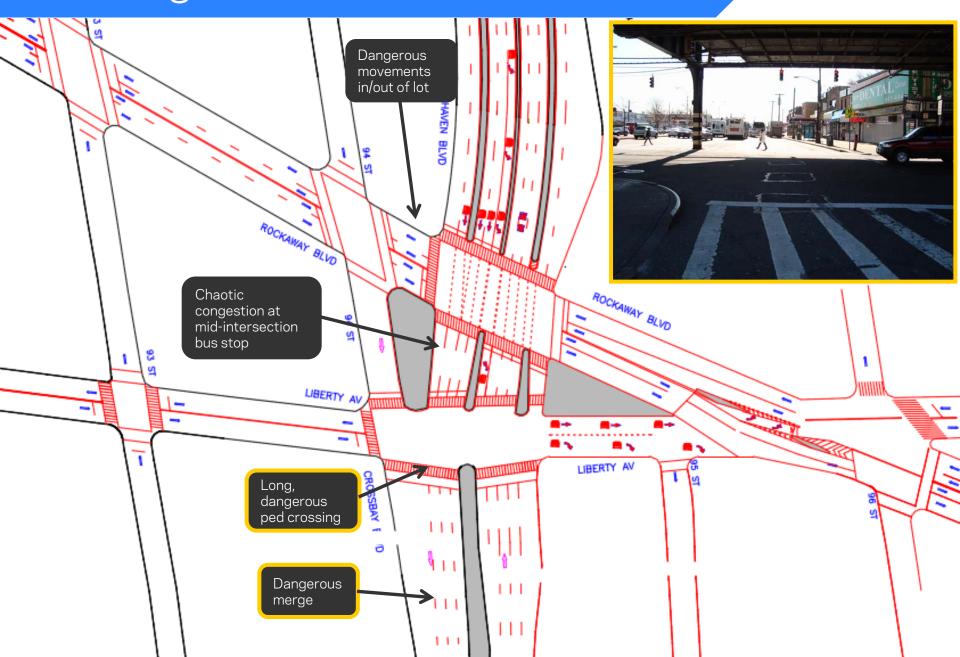
Severity-Weighted Injuries Intersection Ranking (Queens): <u>Rockaway & Woodhaven = 99th Percentile</u> <u>Rockaway & 94th = 89th Percentile</u>

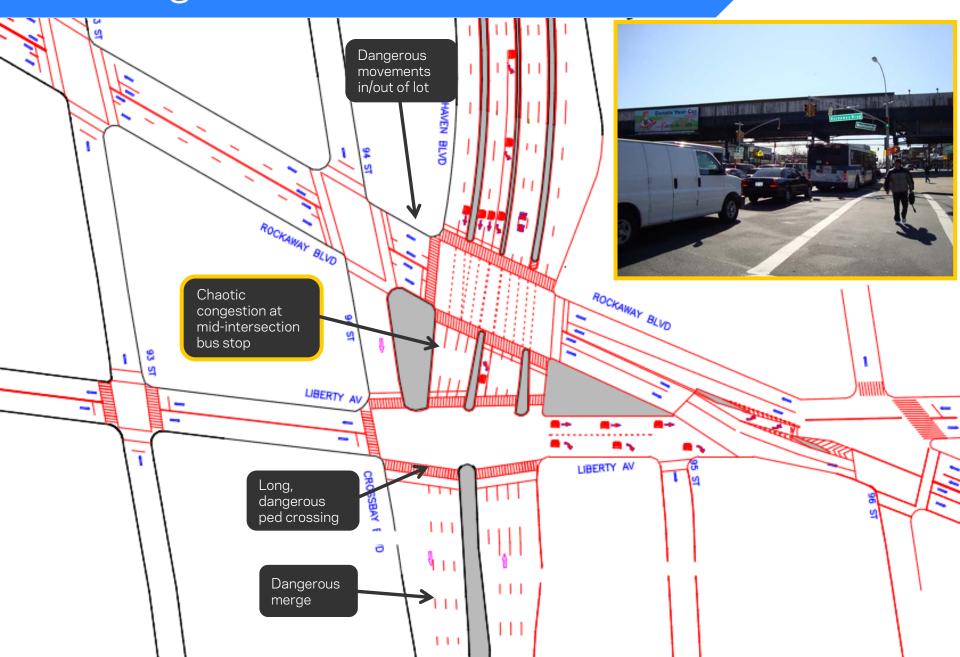
Rockaway Blvd & Liberty Ave Between 94th and 96th Streets (2004-2008)		
	Total Injuries	Average Injury per Year
Pedestrian	13	2.6
Bicyclist	6	1.2
Motor Vehicle Occupant	188	37.6
Total Injuries	207	41.4

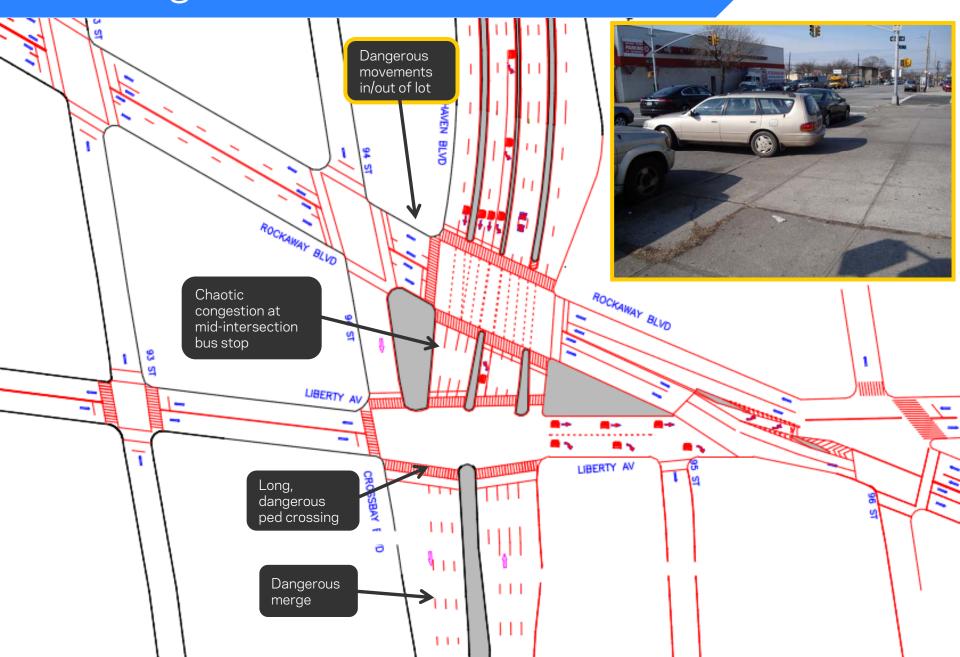
Existing Conditions



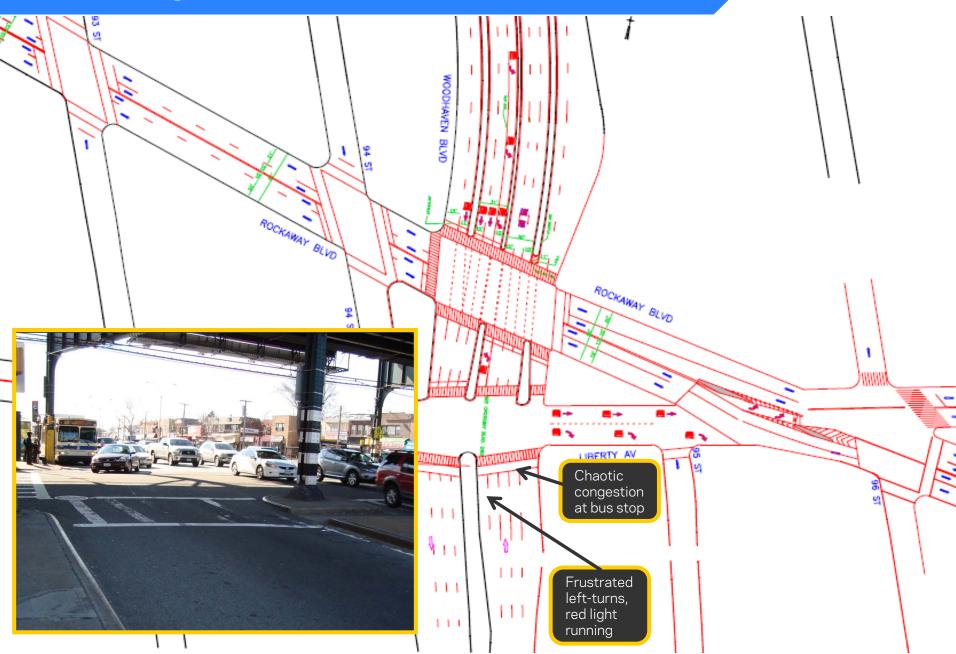
Existing Conditions: crash hotspots WOODHAVEN BLVD ROCKAWAY BLVO ROCKAWAY BLVD LIBERTY AV LIBERTY AV 111 111

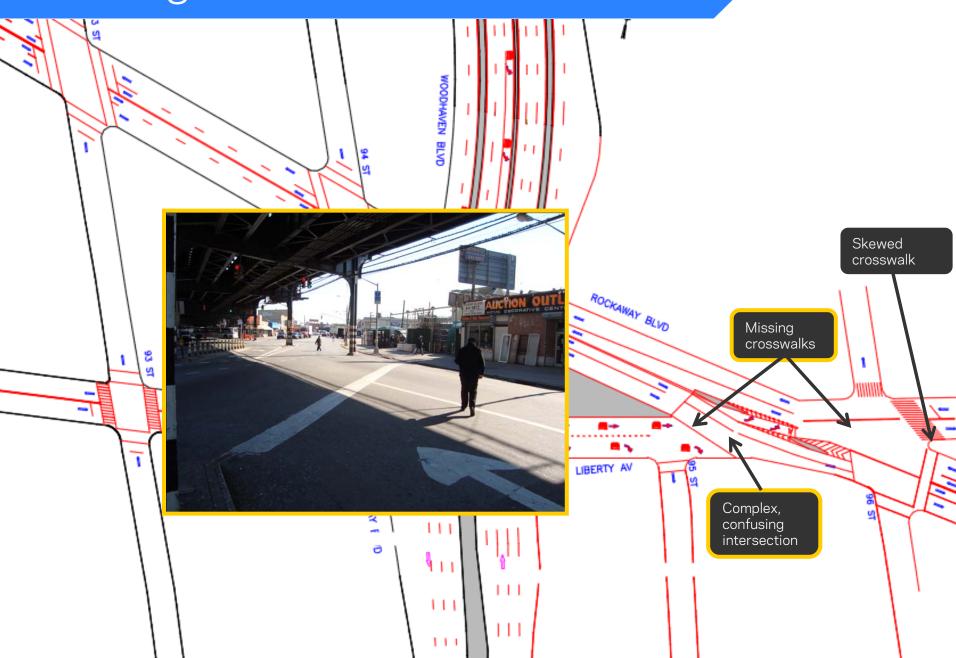


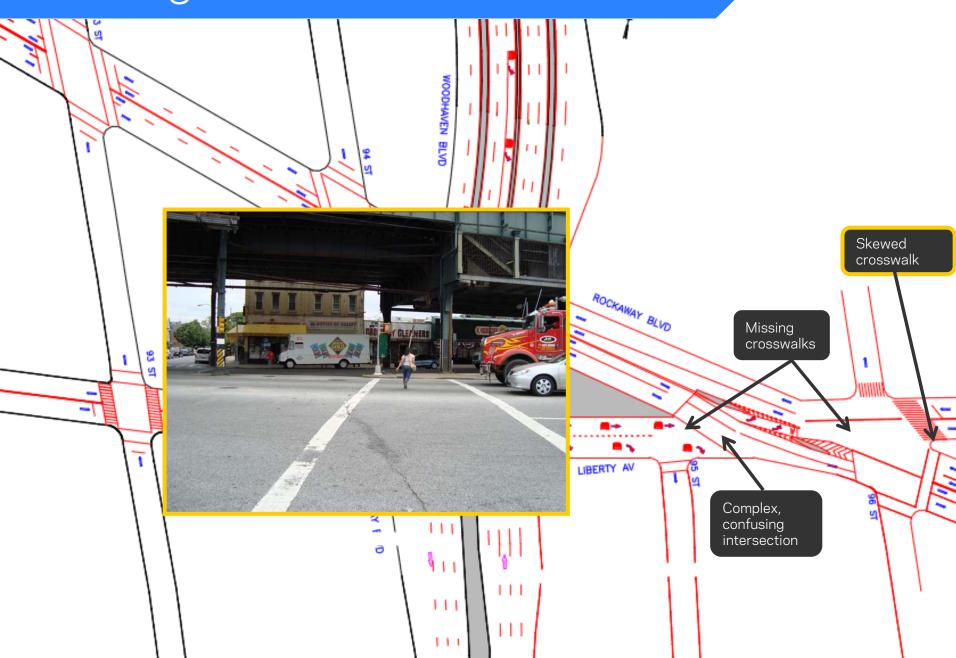




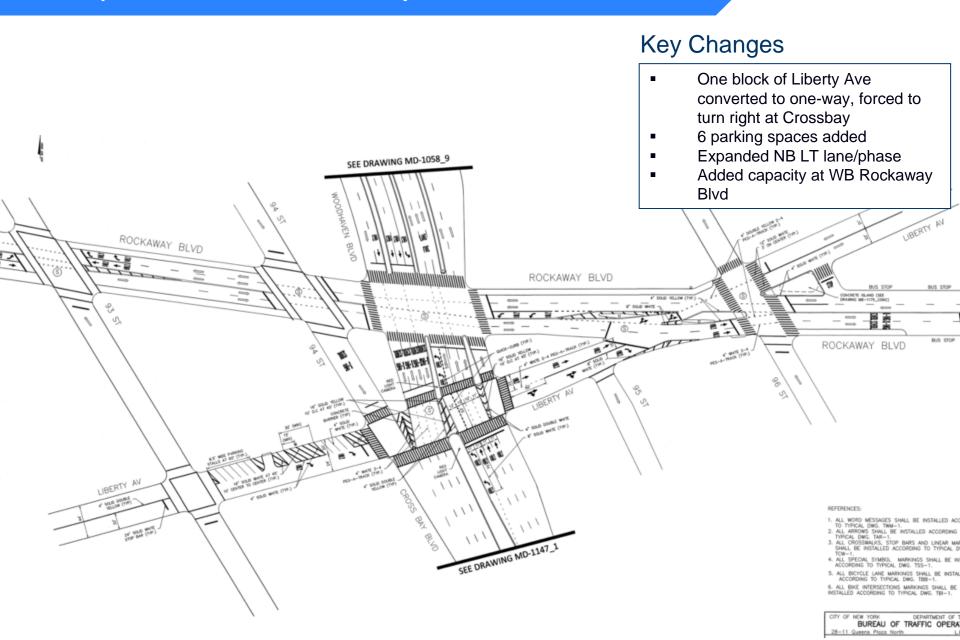
Existing Conditions: issues WOODHAVEN BLVD ROCKAWAY BLVO ROCKAWAY BLVD Chaotic congestion at bus stop Frustrated left-turns, 111 red light running



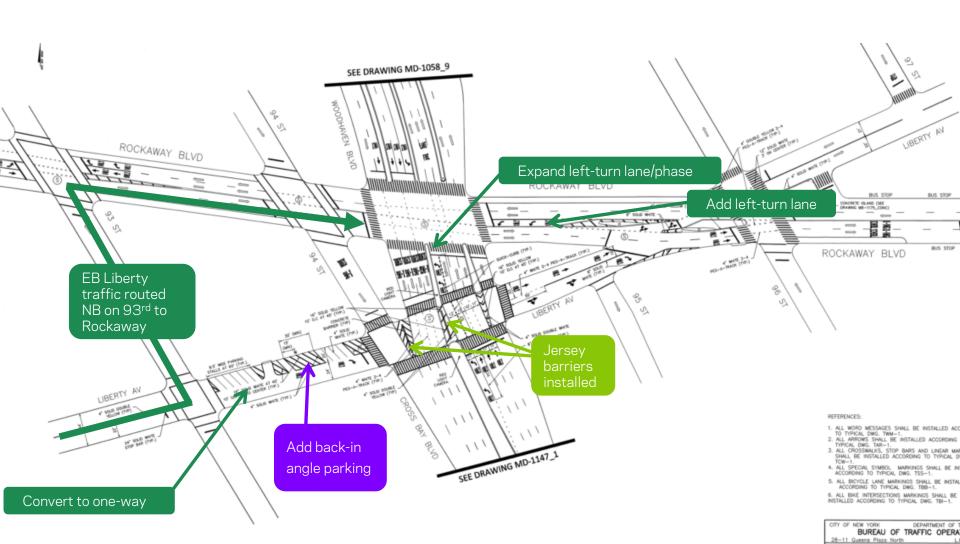


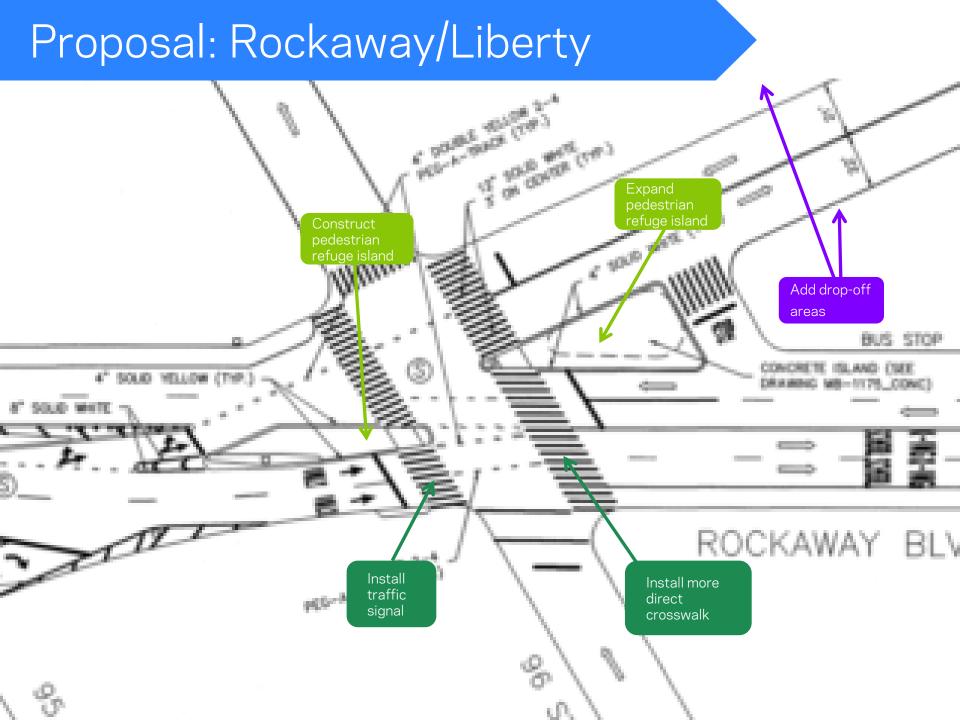


Proposal: Crossbay/Woodhaven

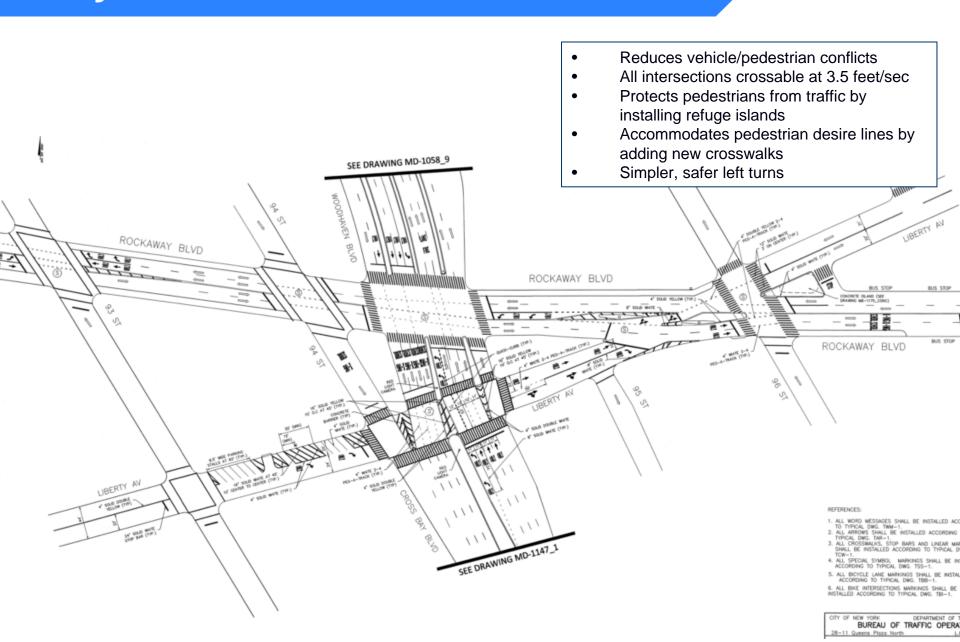


Proposal: Crossbay/Woodhaven

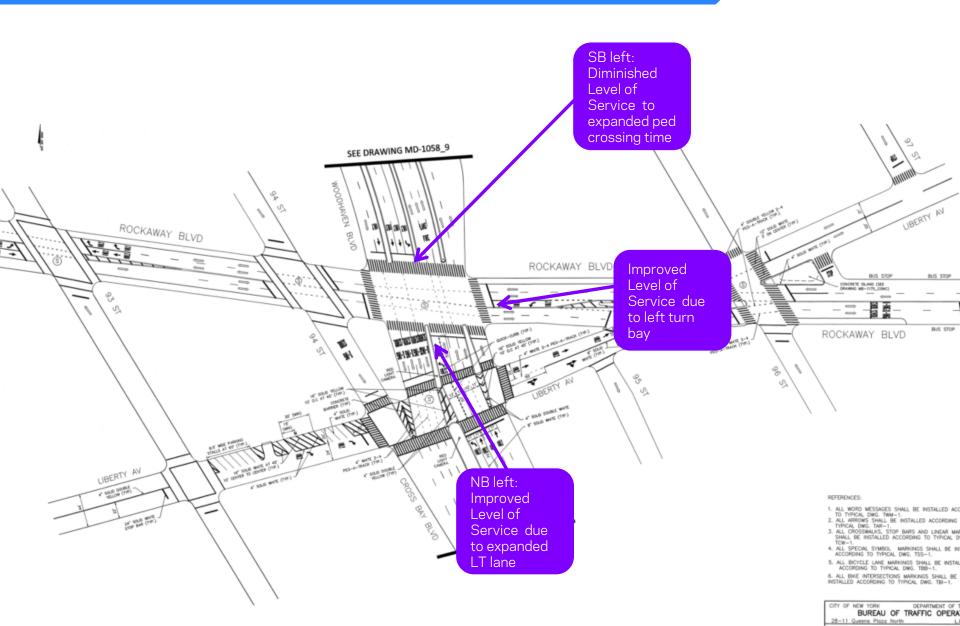




Project Benefits



Traffic Impacts



Parking Impacts

- 2 metered spots removed
- 8 metered spots added
- Total: +6 metered parking spaces gained

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