

Foster Avenue

Traffic Calming & Pedestrian Safety Improvements

2014



Commissioner Polly Trottenberg New York City Department of Transportation
Presented by the Office of Research, Implementation and Safety to Brooklyn Community Board 18 on
May 21, 2014

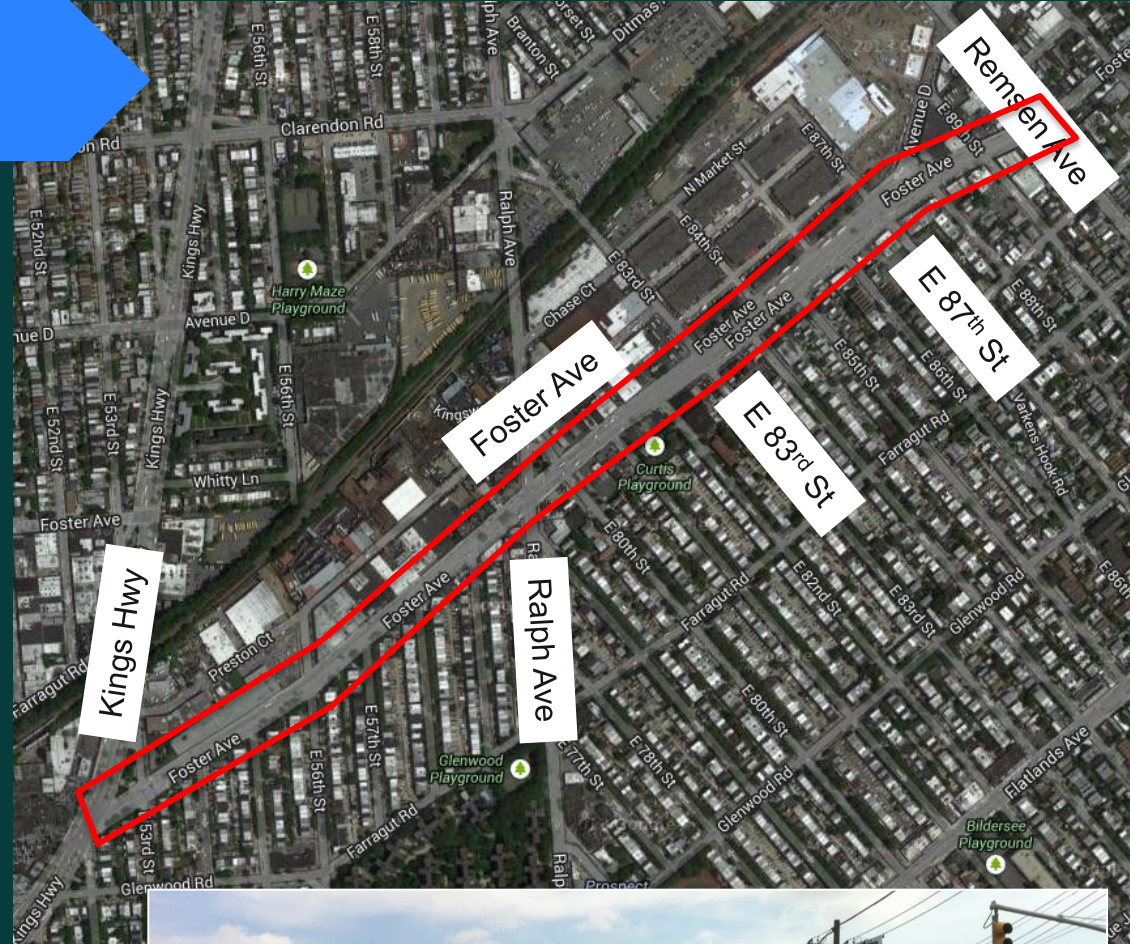
**VISION
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Project Location

- Heavy industrial land use on Foster Ave
- Adjacent to Brooklyn Terminal Market
- Foster Ave is a local truck route with significant tractor-trailer presence
- Identified as an Accident Prone Location by the NYPD



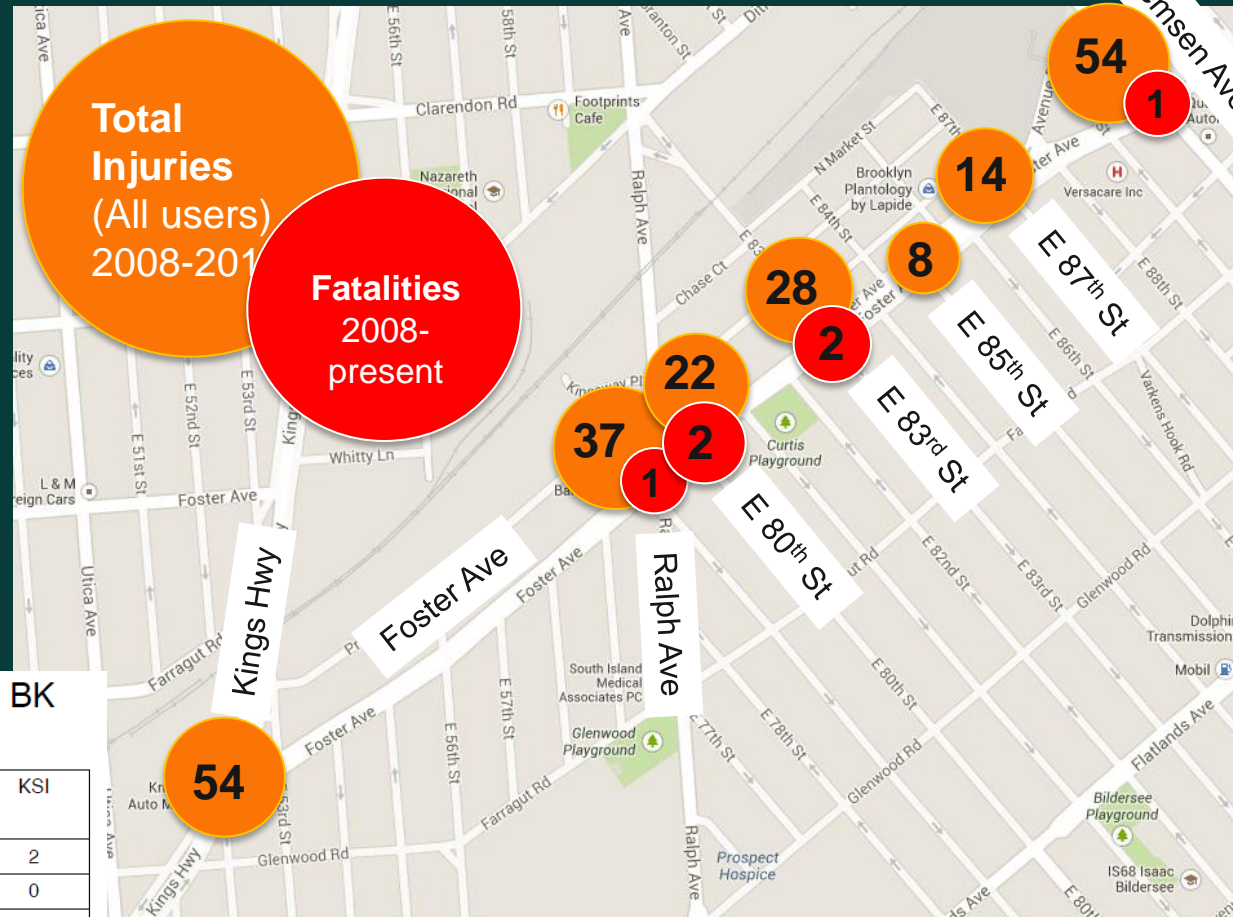
Existing Conditions

- 1-mile corridor with a mix of 4-lane and 6-lane with service road configurations
- Low traffic volumes relative to capacity (PM peak volumes: 842 eastbound, 643 westbound)
- Extremely wide crossings at E 83rd St, E 87th St, and E 88th St ranging from 150 to 160-feet wide
- Speeding is commonplace; 76% of drivers were recorded speeding on Foster Ave between E 84th St and E 83rd St



Safety Data: Project Need

- Designated High Crash Corridor
- Ranks in top third of Brooklyn Corridors



Foster Ave - Kings Hwy to Remsen Ave, BK

Injury Summary, 2008-2012 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	15	0	2	2
Bicyclist	3	0	0	0
Motor Vehicle Occupant	384	10	1	11
Total	402	10	3	13

Fatalities, 01/01/2008-5/12/2014

6

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

Pedestrian:	4
Bicyclist:	0
Motor Vehicle Occupant:	2

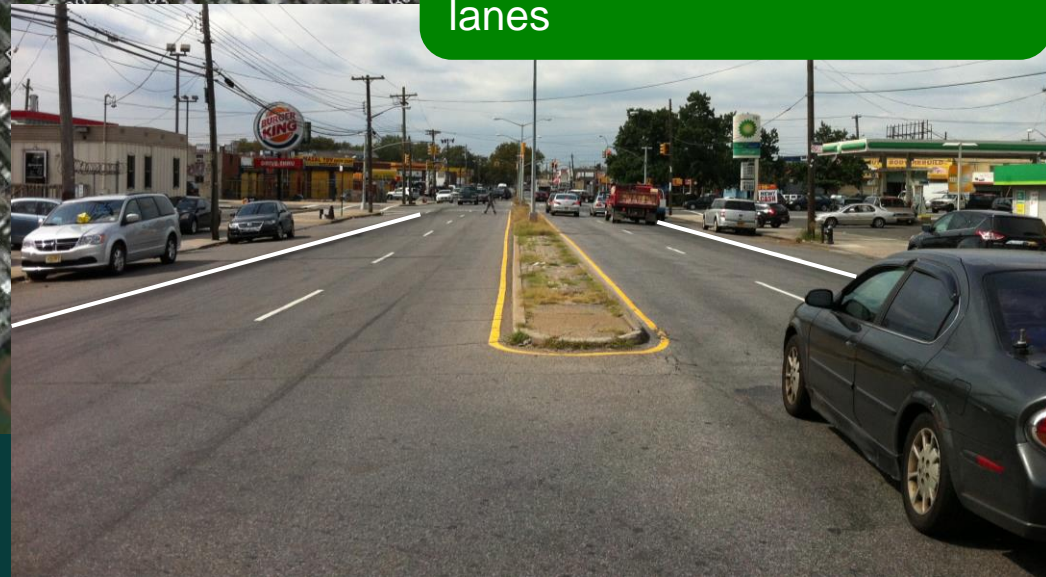
6 fatalities,
2008 to present

13 KSI (persons killed or severely injured) along this corridor

Proposal Details: Remsen Ave to Kings Hwy

E 88th St to E 81st St:
Remove one through travel lane in each direction and install painted buffer/turn bays

Install wide parking lanes to create standard-width moving lanes



Proposal: E 81st St to E 88th St

Remove one through travel lane in each direction

Add left turn lane/flush medians in each direction

Mark wide curb lane and painted buffer to create standard-width moving lanes

Install painted median tip extensions



Intersection-Specific Proposals

- Ralph Ave: Install left-turn bay for left turns onto southbound Ralph Ave
- E 85th Street: Close median slip with Kwik Kurb
- E 88th Street: Extra wide parking lane to accommodate truck loading and unloading on Foster Ave east of E 88th St
- Investigating signalized service road and dedicated left-turn signal for left turn from Foster Ave onto Ave D



Benefits of Proposal

- Removal of one through lane and standardization of lane widths calms traffic and reduces speeding
- Left-turn bays allow for simpler, safer left turns
- Median tip extensions shorten crossing distances and provide safer pedestrian crossing
- Wide curb lane allows for safe bicycle travel



Proposed Conditions: painted median extension on 4th Avenue in Brooklyn



Questions?



Thank
You