

Bartow Avenue & Baychester Avenue

High Pedestrian Crash Location

Community Board 10 – September 13, 2011

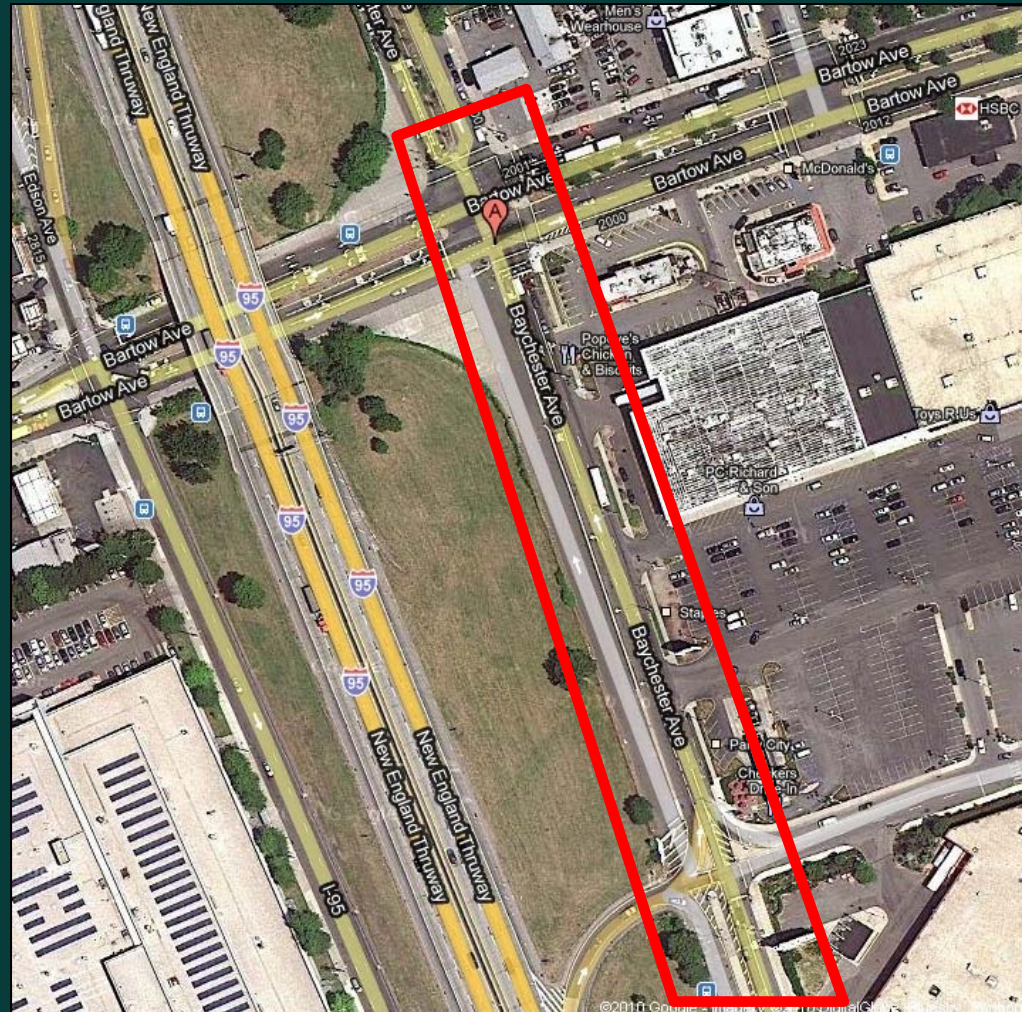
2011



Commissioner Janette Sadik-Khan New York City Department of Transportation
Office of Research, Implementation and Safety

Project Background

- High crash intersection
- NYPD APL requests from elected officials for improvements
- Previous Thruway Authority/NYSDOT project
- Includes exit ramp from N/B New England Thruway
- Heavy mall vehicular and pedestrian traffic
- Unused S/B roadbed on Baychester Avenue



Existing Conditions

- Local truck route on both Bartow and Baychester Aves, through route on New England Thruway exit ramp
- Bx12 (SBS), Bx26, Bx28, Bx38, BxM7, QBx1 bus routes
- Gun Hill Rd #5 subway station nearby



Existing Conditions

Baychester Avenue At Bartow Avenue, BX

Injury Summary, 2005-2009

	Total Injuries	Avg Inj/Yr	Severity Percentile of Boro Intersections	Serious Inj/Yr
Pedestrian	14	2.8	98%	0.16
Bicyclist	1	0.2	N/A	0
Motor Vehicle Occupant	112	22.4	99%	0.28
Total	127	25.4	99%	0.45

Fatalities, 2005 - present: 0

Pedestrian: 0

Bicyclist: 0

Motor Vehicle Occupant: 0

Percentile of Borough Corridors: Percent of intersections in the same borough with fewer crashes, after accounting for severity of crashes.

Ranks in 99th Percentile for pedestrian crashes in the Bronx

Need: Why Bartow & Baychester?



Bartow Ave & Baychester Ave, north crosswalk, looking east

- Long crossing distances
- Multiple pedestrian/vehicle conflict points
- Heavy vehicular turn volumes
- No crosswalks for Thruway exit bus stop
- Unsafe midblock crossings
- Unused roadbed

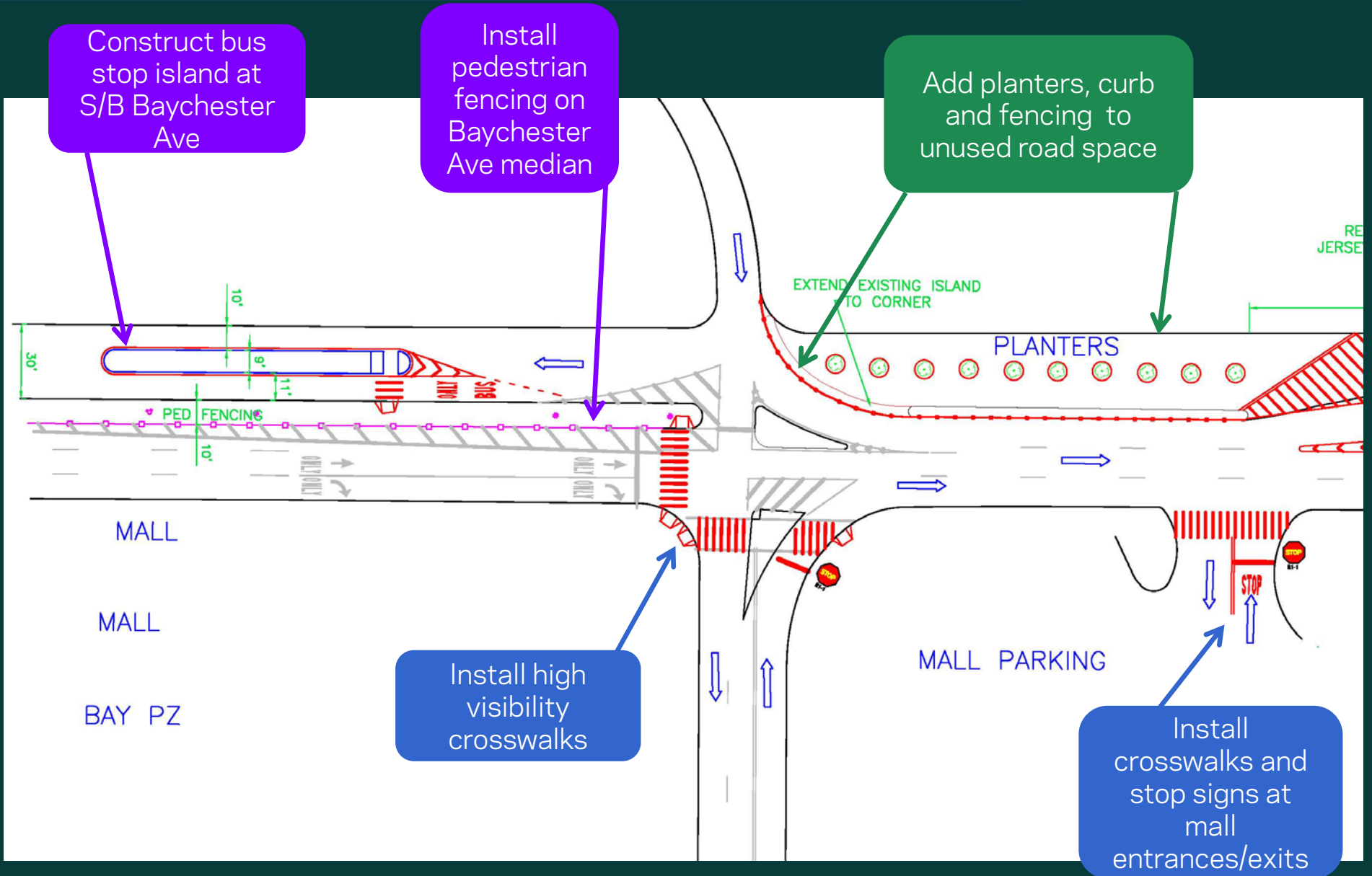


Baychester Ave, south of Bartow Ave, unused road space



Baychester Ave & New England Thruway Exit 11, looking south

Proposal Details

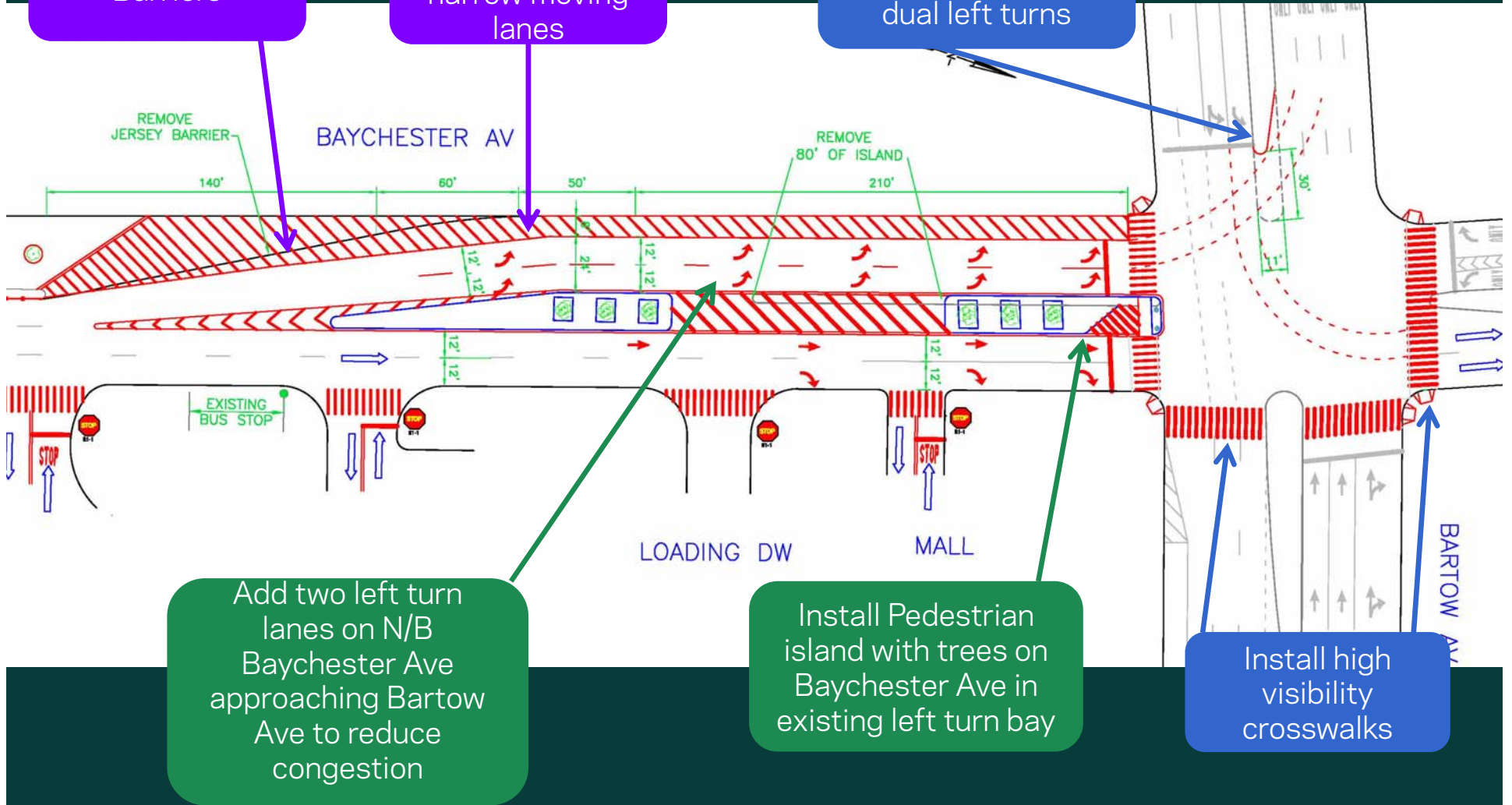


Proposal Details

Remove Jersey Barriers

Install channelization to narrow moving lanes

Shave median to accommodate new dual left turns



Add two left turn lanes on N/B Baychester Ave approaching Bartow Ave to reduce congestion

Install Pedestrian island with trees on Baychester Ave in existing left turn bay

Install high visibility crosswalks

Benefits of Proposal

- Creates safer pedestrian crossings
- Discourages mid-block crossings and crossing against signal
- Better organizes and manages traffic and pedestrian flow
- Simpler, safer left turns



Existing Conditions

Questions?

Thank
You

Contact:

Bronx Borough Commissioner's Office at (212) 748-6680 or kkalb@dot.nyc.gov