

Bronxwood Ave Traffic Calming

Community Board 12, Bronx

Feb
2013



Project Area

- Project area: Bronxwood Ave from Boston Rd to 233rd St
- 60' wide roadway
- High Crash Corridor
- Primarily residential
- Multiple schools along the route



229th St and Bronxwood Ave, looking south



Need: Why Bronxwood Ave?

- Recent fatality at Bronxwood Ave and Williamsbridge Rd
- Ranks in the top 3rd of dangerous Bronx corridors
- Community requests to improve safety along route
- Multiple Schools in the Area

Bronxwood Ave - Boston Rd to 233rd St, BX

Injury Summary, 2006-2010

	Total Injuries	Avg Inj/Yr	Avg Inj/Mile/Yr
Pedestrian	59	11.8	6.3
Bicyclist	12	2.4	1.2
Motor Vehicle Occupant	503	100.6	54
Total	574	114.8	61.7

Fatalities, 01/01/2006-9/3/2012 : 1

Source: Injuries: NYS Dept. of Transportation
Fatalities: NYC Dept. of Transportation

Pedestrian:	0
Bicyclist:	0
Motor Vehicle Occupant:	1



225th St and Bronxwood Ave, looking south



229th St and Bronxwood Ave, looking north

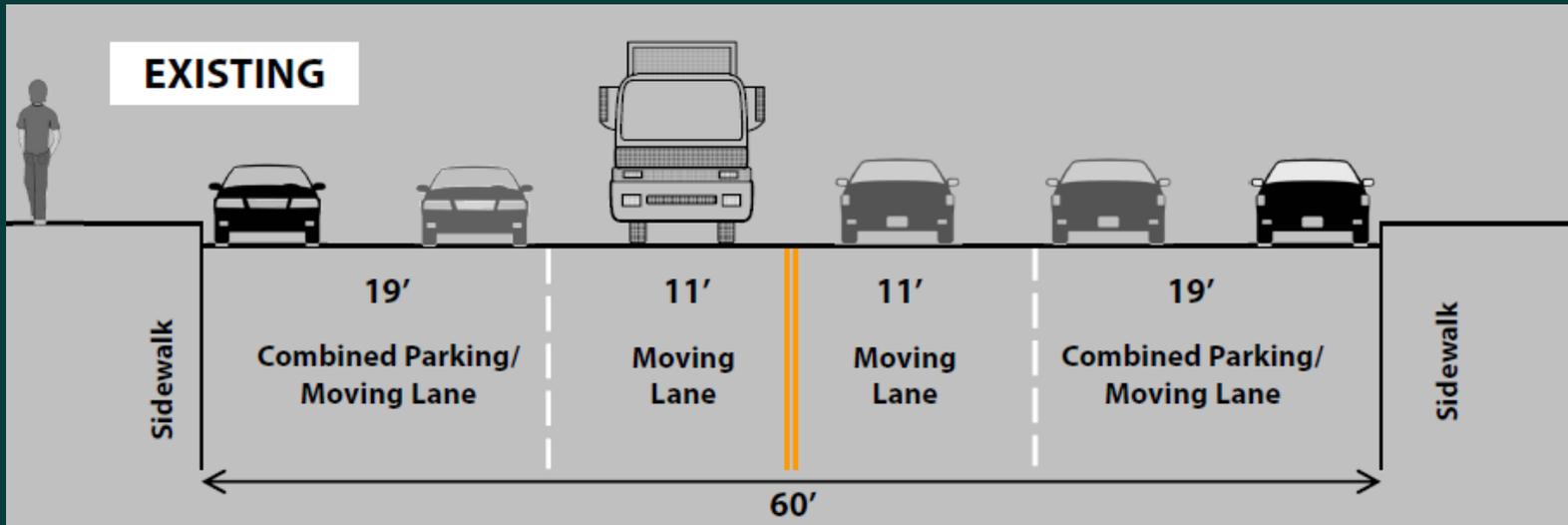
Project Details

- Install flush center median with turn bays
- Parking lane stripe
- Remove one through travel lane in each direction
- Refurbish crosswalks and markings at necessary locations

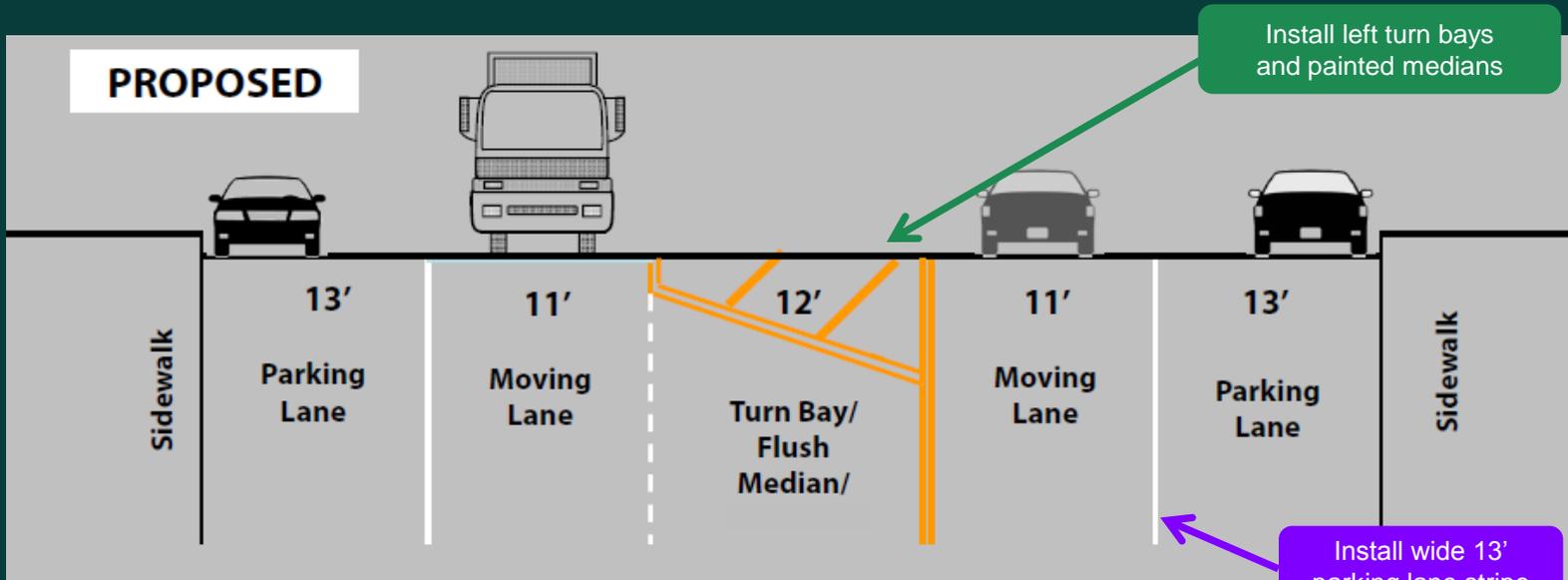


Example of Proposed Treatment

Project Proposal



Existing: Bronxwood Ave from 233rd St to Boston Rd



Recommendations: Bronxwood Ave from 233rd St to Boston Rd

Evaluation of Lane Removal

Congested Lane

- 700 vehicles per hour or above

Existing

- Maximum **273** vehicles per lane

Proposal

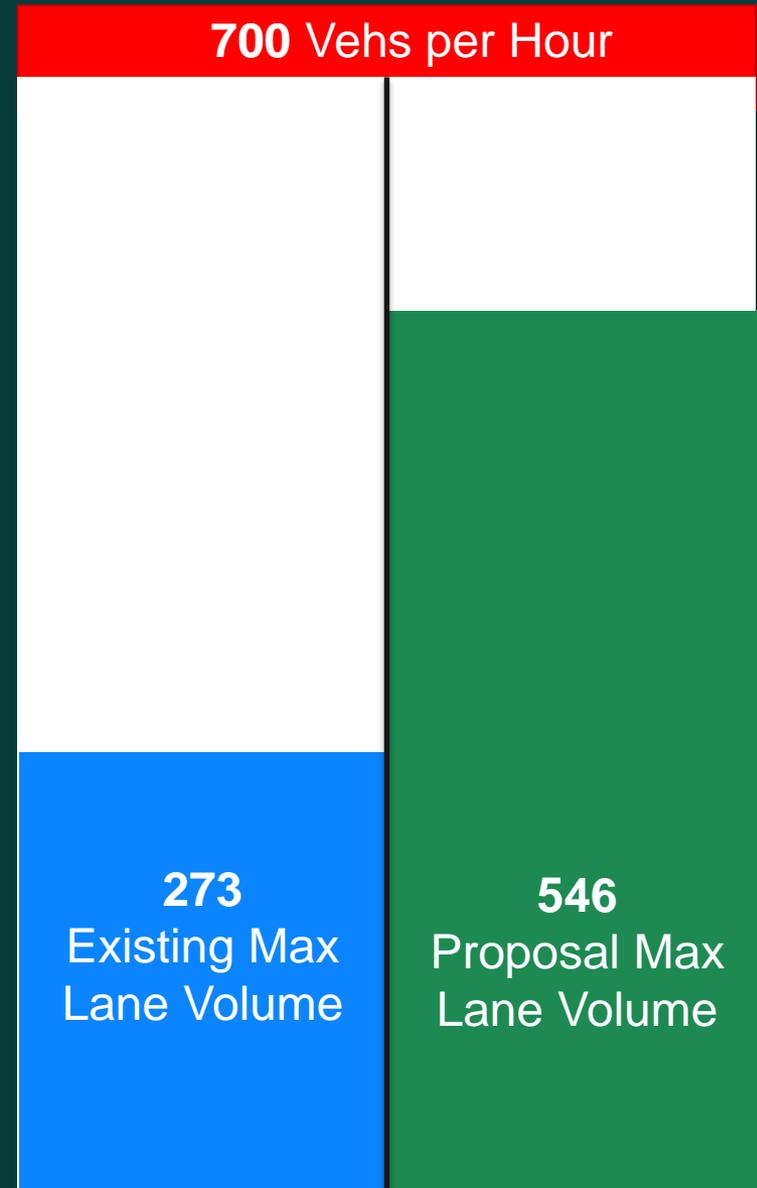
- Maximum **546** vehicles per lane

Maximum Recorded Peak Volume (AM & PM)

Modeled Intersection Typical of Route
Bronxwood at 222nd (PM Peak 5-6)

- Existing: **12.9** secs delay
- Proposal: **15.1** secs delay

Very minor increase in delay



Proposal Benefits

Painted Median and Parking Stripe

- Less weaving and better organized traffic
- Safer pedestrian crossings

Left Turn Bays

- Simpler, safer left turns



233rd St and Bronxwood Ave, looking south

Questions?

Thank
You