

East 222nd Street Bicycle Lanes



Project Background



Bronx River Greenway
Shoelace Park

Photo credit: Bike the Bronx

- CB 12, Transportation Alternatives and Bronx River Alliance requested a bicycle lane on E 222 St
- Important connection to new entrance of Bronx River Greenway, Co-op City, Laconia Ave bicycle route



Injury Summary

East 222nd Street – Injury Summary 2006-2010 between Bronx Boulevard and Baychester Avenue

	Total Injuries	Avg. Injuries/ Year
Pedestrian	24	4.8
Bicyclist	4	0.8
Motor Vehicle Occupant	251	50.2
Total	279	55.8

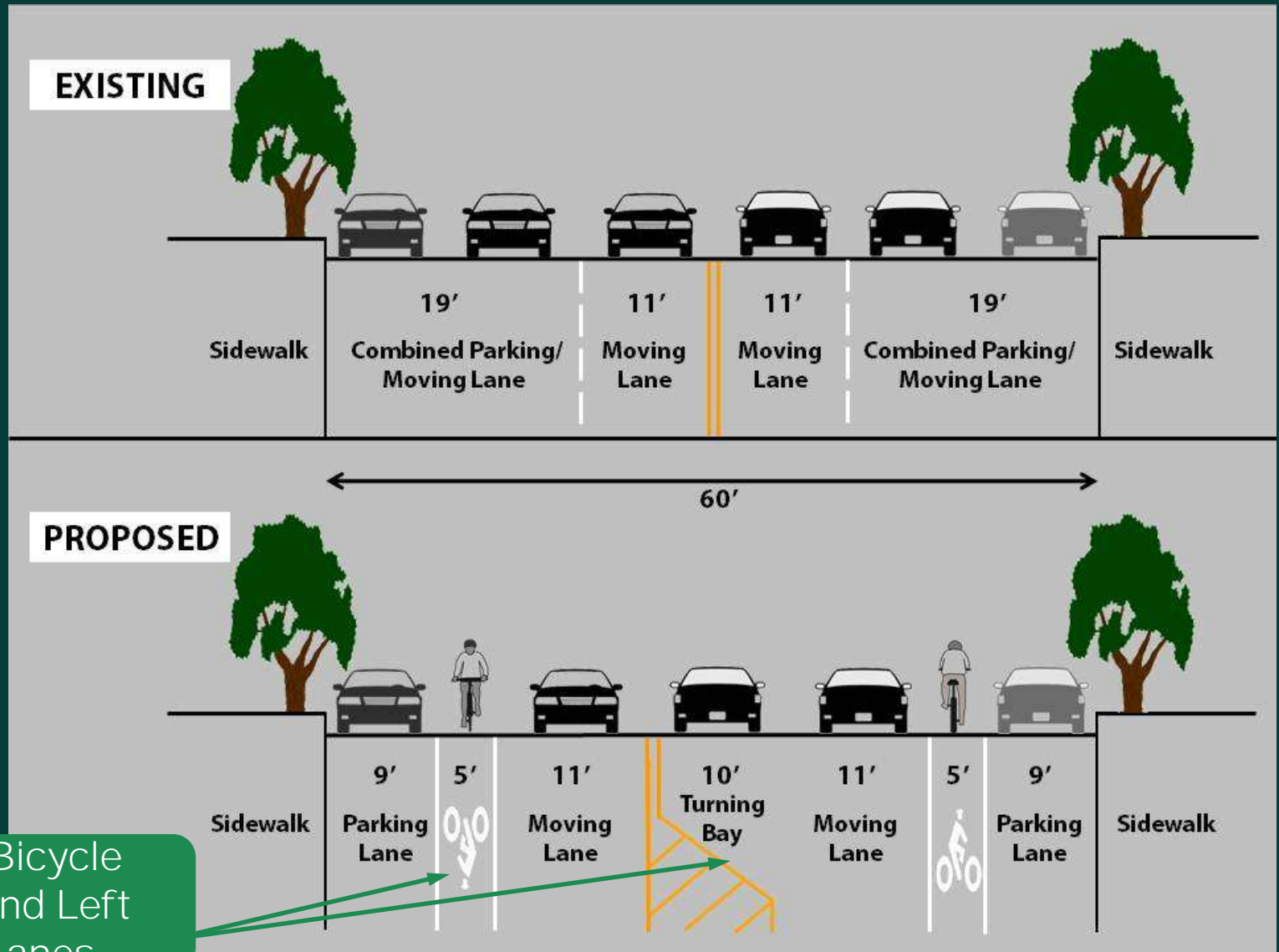
Source: NYS Dept. of Transportation

Existing Conditions



- Angle parking between Bronx Blvd and White Plains Rd
- Tues- Thurs peak hour traffic volumes range from 1 78 to 426 vehicles per hour in one direction
- Bx 8 bus runs east between White Plains Rd and Bronxwood Av

Proposed Configuration



Proposed Design



Proposed Improvements

- Remove one through travel lane in each direction
- Install flush center median with left turn bays
- Install bicycle lanes in each direction

Vanderbilt Avenue, Brooklyn

Benefits of Roadway Redesign

- Simpler, safer left turns
- Reduces speeding / calms traffic reducing number of travel lanes
- Improves safety for all roadway users
- Provides bicycle link connecting the Bronx River Greenway to Laconia Av and Co-op City

Motor Vehicle Traffic Counts

			East 222nd Street at Peak Hours, Tue-Thu Avg			
			Existing		Proposed	
Cross Street	Cross Street	Direction	# of lanes	# of cars	# of lanes	# of cars
Carpenter Av	White Plains Rd	Eastbound	2	176	1	176
Carpenter Av	White Plains Rd	Westbound	2	316	1	316
White Plains Rd	Barnes Av	Westbound	2	382	1	382
Paulding Av	Laconia Av	Eastbound	2	323	1	323
Laconia Av	Eastchester Rd	Westbound	2	386	1	386
Needham Av	Boston Rd	Eastbound	2	346	1	346
Boston Rd	Wickham Av	Westbound	2	342	1	342
Wickham Av	Bruner Av	Eastbound	2	426	1	426
Wickham Av	Bruner Av	Westbound	2	393	1	393
Edison Av	Baychester Av	Eastbound	2	381	1	381

Questions?

Thank
You