



86TH STREET

Corridor Safety Improvements
3rd Avenue to Shore Rd

Brooklyn Community Board 10
September 2017

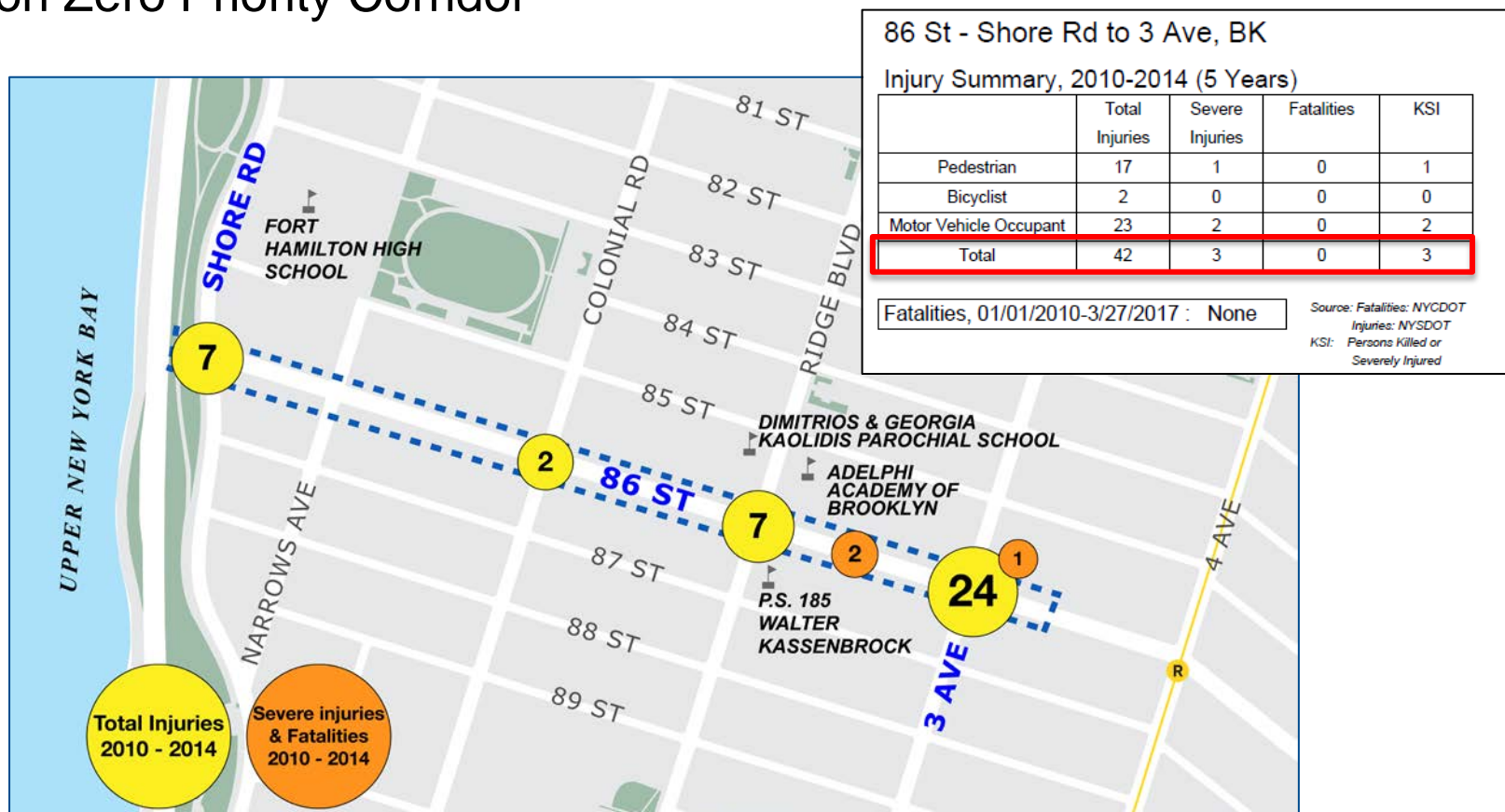
PROJECT LOCATION

- Project limits: 3rd Avenue to Shore Road (0.5 mile)
- Residential corridor between Bay Ridge and the waterfront
- Many schools in the neighborhood



SAFETY DATA: 2010 - 2014

- 42 injuries on this portion of the corridor
- High crash corridor averaging 5.6 persons severely injured per mile
- Vision Zero Priority Corridor



EXISTING CONDITIONS

- Two travel lanes in each direction with curbside parking
- 60 foot wide road
- B16 bus runs on 86th Street



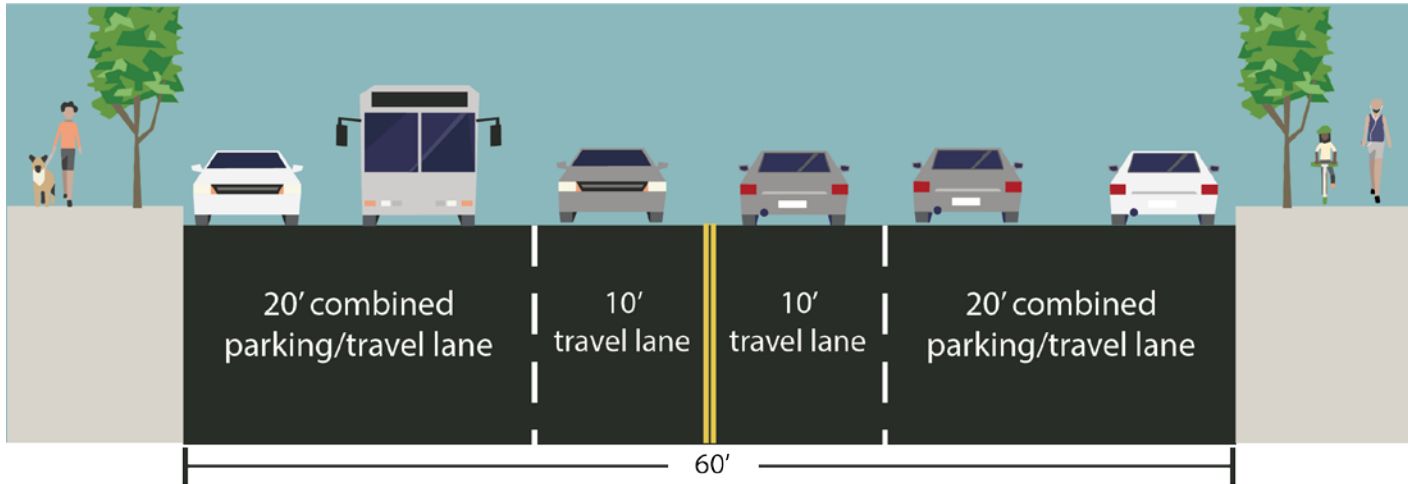
EXISTING CONDITIONS

- History of community requests for traffic calming and to reduce speeding along the corridor
- Excess roadway and low volumes result in open road conducive to speeding (Maximum midday recorded speed of **45 MPH** through residential neighborhood)
- Low traffic volumes
 - Peak AM Volume (Vehicles per hour): Eastbound: 394, Westbound: 385
 - Peak PM Volume (Vehicles per hour): Eastbound: 259, Westbound: 200

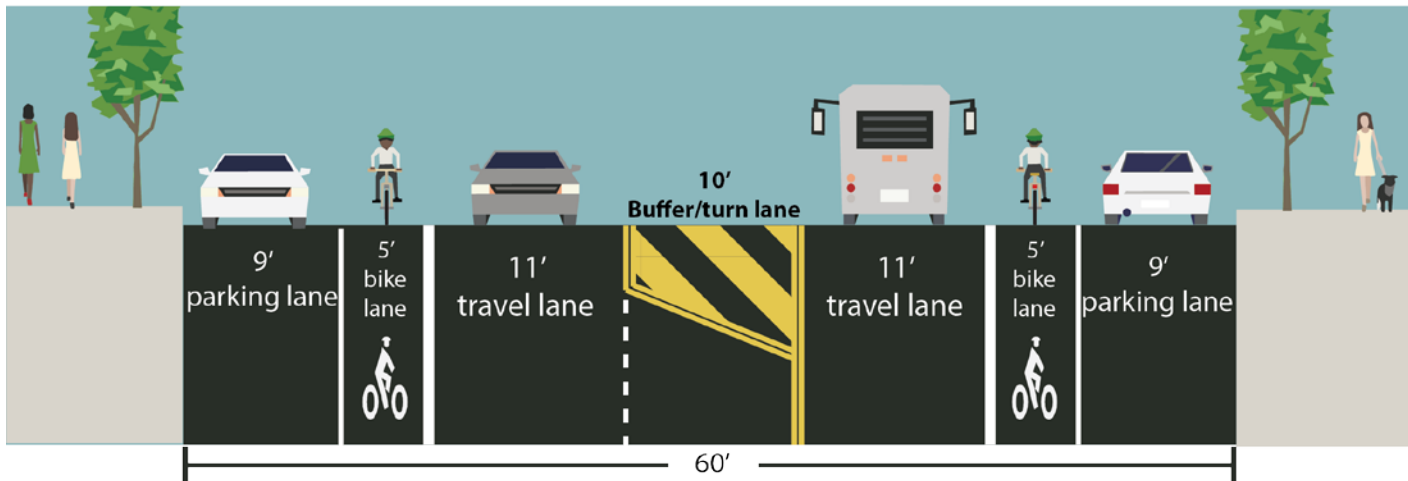


CORRIDOR PROPOSAL DETAILS

Existing



Proposed



EVALUATION OF LANE REMOVAL

Congested Lane

- 700 vehicles per hour or above

Existing (2 lanes)

- Maximum* 197 vehicles per lane

Proposal (1 lane + left turn bays)

- Maximum 394 vehicles per lane

*Maximum Recorded Peak Volume (AM & PM) at 86th St and 3rd Ave

700 Vehicles per Hour

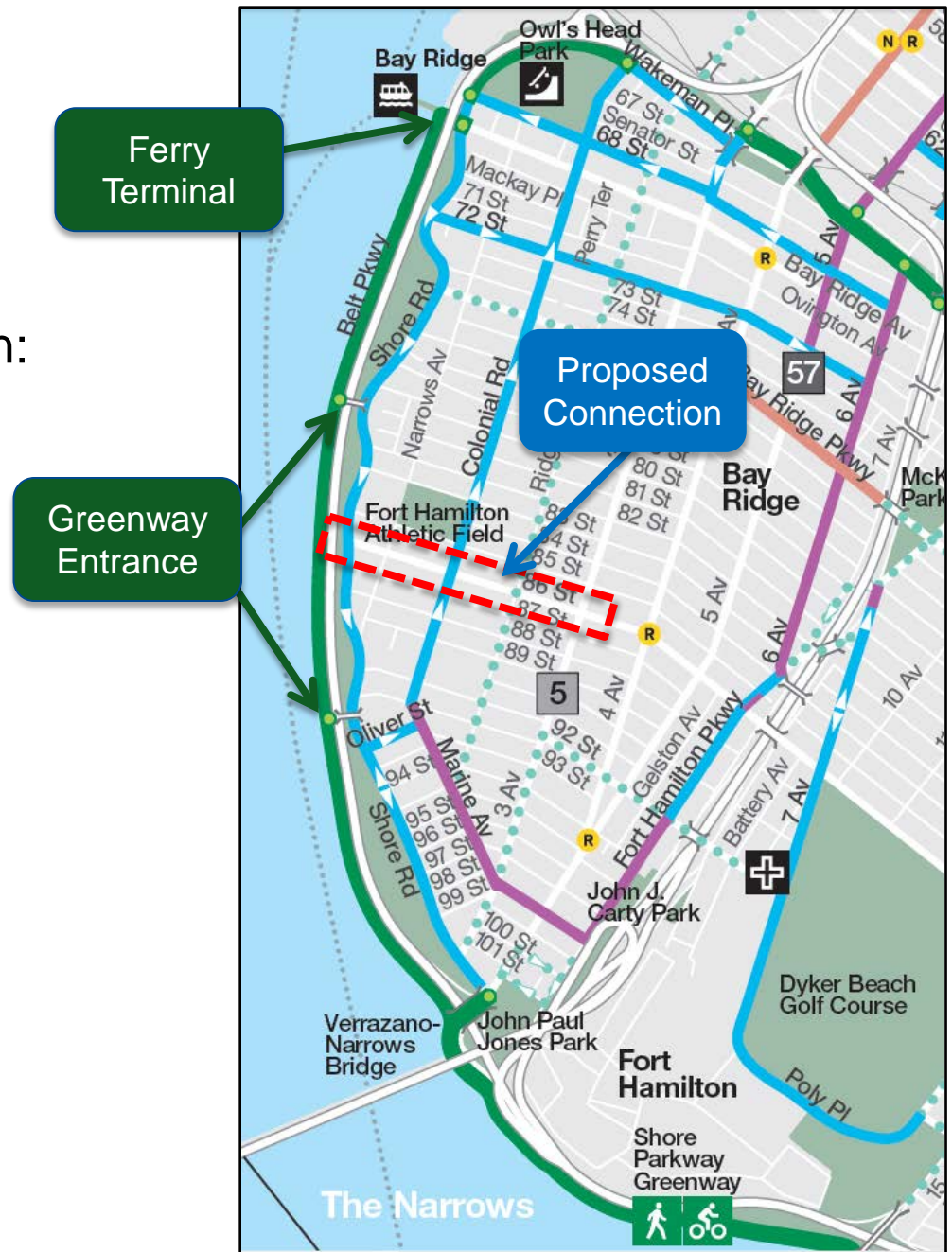
197
Existing Max
Lane Volume

394
Proposal Max
Lane Volume

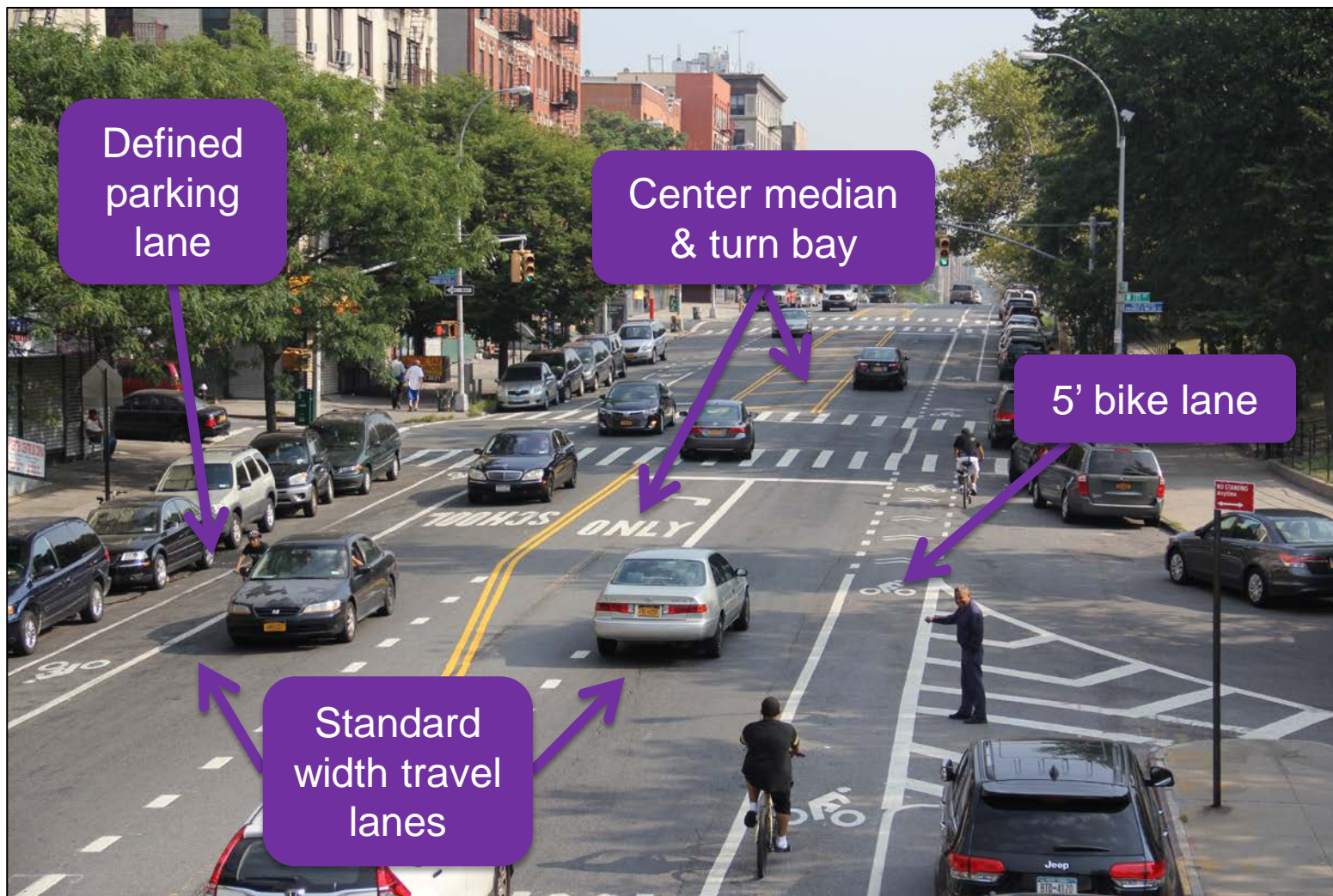
BIKE CONNECTION

Bike lanes on 86th St will improve neighborhood connectivity between:

- Shore Parkway Greenway
- NYC Ferry terminal at American Veterans Memorial Pier
- Existing routes on Shore Rd and Colonial Rd



CORRIDOR PROPOSAL DETAILS

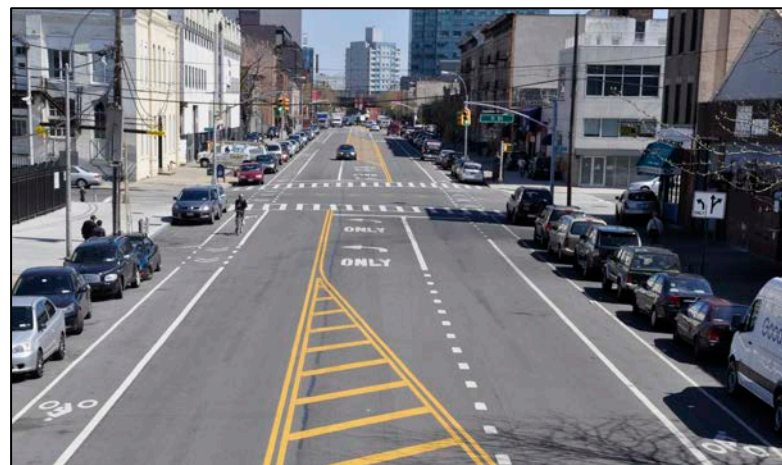


Example of a similar treatment: Amsterdam Ave, Manhattan

SAFETY IMPROVEMENTS

Previous Projects

- Similar projects installed throughout the city have resulted in decreases in injuries and crashes as well as reductions in speeding
- **7th Ave, BK**
 - 17% reduction in total injuries
- **Empire Blvd, BK**
 - 27% reduction in total injuries
- **44th Dr, QN**
 - 80% reduction of vehicles speeding along the corridor
- **Burke Ave, BX**
 - 47% reduction in total injuries



Similar projects in Brooklyn on 7th Ave (above) and in Queens on 44th Dr (below) improved safety along the corridors

BENEFITS OF PROPOSAL

- Responds to community's request to traffic calming
- Reduces speeding and calms traffic on 86th Street
- Enhances safety on a Vision Zero Priority Corridor by organizing roadway and providing defined spaces for vehicles and bicycles
- Creates an important connection in the Brooklyn bike network



THANK YOU!

Questions?



NYC DOT



NYC DOT



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