EB Park Ave btwn N Portland Ave and Navy St

Recorded Speeds of 52 MPH*
Park Ave Traffic Calming

Project Area

Need: Why Park Ave

Solutions
Project area: Park Ave from Navy St to Flushing Ave

6 lanes (4 travel, 2 parking)

32’ wide roadway each direction
Myrtle Avenue Revitalization Project (MARP)

- Conducted multiple community workshops
- Community lead Safety Study (MARP & Architecture for Humanity)
- Community Board 2 endorsed the study June 2012

Additional Support

- Council Member Letitia James (Currently Public Advocate)
- State Assembly Member Joseph Lentol
- Fort Greene Association
Recommendations Implemented

- Improved Lighting
- Pedestrian Ramps
- Day Lighting
- Stop Control
- Signal Study
Need: Severe Crashes

High Crash Corridor (Top Third)

13.6 Fatalities/Severe Injuries per Mile

2 Fatalities
Need: High Speeds

74% of Motorists over Speed Limit*

*WB Park BQE exit and North Elliot Pk
Need: Dangerous Conflicts under BQE

33% of crashes right angle
Need: Awkward 3 to 2 Merge

Delays Traffic causes Confusion
Solutions: Traffic Calming

**EXISTING**

- **Eastbound**
  - 22' Combined Moving/Parking Lane
  - 10' Moving Lane
  - 72' Parking Under BQE

- **Westbound**
  - 10' Moving Lane
  - 22' Combined Moving/Parking Lane

**PROPOSED**

- **Eastbound**
  - 14' Wide Parking Lane
  - 11' Moving Lane
  - 7' Buffer
  - 72' Parking Under BQE

- **Westbound**
  - 11' 10' Moving Lane
  - 10' Moving Lane
  - 11' Parking Lane

- **North Sidewalk**
  - **Install wide 14’ parking lane stripe**

- **South Sidewalk**
  - **Install wide 11’ parking lane stripe**
  - **Install 7’ buffer**
Right Turn Only lane on three EB approaches to facilitate traffic flow
(N Portland Ave, Clermont Ave & Vanderbilt Ave)
Solutions: Avoids Adverse Traffic Impacts

Level of Service - Existing

Level of Service - Proposed
Solution: Crashes & Speeding

Existing EB
Solution: Crashes & Speeding

Proposed EB
Solution: Crashes & Speeding

Existing WB
Solution: Crashes & Speeding

Proposed WB
Why different treatments EB & WB?

1303 VPH

682 VPH
Solution: Crashes & Speeding

More Time to Cross Park Ave
Peak Times +2 secs = 6’
Evening +6 secs = 18’

Optimize Progression
Reduce Speeding
Better Travel Times

32’
Solution: Dangerous Conflict under BQE

Existing
Solution: Dangerous Conflicts under BQE

Access Preserved

Conflict Free Pedestrian Crossing

Proposed
Solution: Dangerous Conflict under BQE

Existing
Solution: Dangerous Conflicts under BQE

Proposed
Solution: Awkward 3 to 2 Merge

Existing WB
Solution: Awkward 3 to 2 Merge

Proposed WB
Solution: Awkward 3 to 2 Merge

Proposed WB
Proposal Elements & Benefits

Reduce EB Park to 1 lane & Narrow WB Park
  • Removes excess capacity and reduces ability to speed
  • Less weaving and better organized traffic

Improve Signal Timing
  • Optimize progression
  • Increase pedestrian crossing time

Rationalize access to parking entrances
  • Eliminate traffic conflicts
  • Reduce right angle crashes
  • Create conflict free pedestrian crossings

Eliminate awkward 3 to 2 merge
  • Simplify traffic pattern
  • Improve traffic flow
Questions?

Thank You