PARK LANE SOUTH

Presentation to Kew Gardens Civic Association

February 15, 2017
Project Background
• 68 total injuries (2011-2015)
  • 14 pedestrians (1 severe)
  • 1 Motorcycle fatality (July 2015)

• Myrtle Ave and Metropolitan Av are Vision Zero priority corridors
COMMUNITY CONCERNS

• Community Board 9 requested Park Lane S traffic safety study in July 2014
• Numerous citizen requests to improve safety at Park Lane S / Beverly Rd
• Elected official requests to improve pedestrian safety at Lefferts Blvd / Grenfell St
  • Council Member Karen Koslowitz requested in May 2015
  • State Senator Joseph Addabbo, Jr. requested in June 2015
• Elected official request to improve pedestrian safety at Park Lane S / Myrtle Ave
  • Assembly Member Michael Miller requested in June 2016
• Online petition to improve safety at Metropolitan Av / Park Lane S
January 2016 speed study found significant speeding between Metropolitan Av and Myrtle Ave.

Wide parking lanes installed on Park Lane S between Beverly Rd and Metropolitan Av after resurfacing to calm traffic.

Treatment will be continued between Metropolitan Av and Myrtle Av after repaving in 2017.
2017 Proposal – Park Lane S Corridor
Proposed Improvements:
1) Beverly Rd/Onslow Pl
2) Metropolitan Av
3) 115 St
4) Myrtle Av
EXISTING ISSUES – BEVERLY RD

Free flowing elbow traffic movement makes it difficult to find gaps for stopped vehicles and crossing pedestrians.

Uncontrolled slip lane in front of park entrance stairs.
EXISTING ISSUES – BEVERLY RD

No crosswalks for pedestrian desire paths to park

Long crossing distance (42’)

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EXISTING CONDITIONS – BEVERLY RD

- Uncontrolled slip lane in front of park entrance stairs
- No crossings for pedestrians across Park Lane S
- Vehicles stopped at intersection have difficulty finding gaps
PROPOSAL – BEVERLY RD

- Remove 3 parking spaces to install right turn bay
- Signalize intersection and provide pedestrian crossings
- Restrict northbound left turn (5 vehicles during rush hours)
- Expand concrete triangle island
EXISTING ISSUES – METROPOLITAN AV

Aggressive left turning vehicles do not yield to pedestrians

Northbound Q37 bus blocks thru traffic when stopped
EXISTING CONDITIONS – METROPOLITAN AV

Aggressive left turning vehicles do not yield to pedestrians (430 vehicles in AM rush hour)

Northbound Q37 bus blocks thru traffic when stopped
Restrict southbound left turn (25-30 vehicles during rush hours)

Add Qwick Kurb to calm left turns

Add leading pedestrian interval (LPI) to north-south crossing

Relocate northbound bus stop to ease traffic congestion

Switch northbound protected turn (left green arrow phase) from “leading” to “lagging”
EXISTING ISSUES – 115 ST

- Uncontrolled slip lane in front of park entrance stairs
- No crosswalks at intersection
- Vehicles stopped at intersection have difficulty finding gaps
- Free flowing elbow movement encourages speeding
- Existing Qwick Kurb hit frequently by vehicles
- No pedestrian crossing at Q37 bus stop locations
EXISTING CONDITIONS – 115 ST

Free flowing elbow movement encourages speeding

No pedestrian crossing at Q37 bus stop location

Existing Qwick Kurb hit frequently by vehicles
Traffic signal under investigation

Add concrete triangle island

Loss of 3 parking spaces

Add southbound thru movement

Add pedestrian crossings

Maintain existing turn restriction

Add southbound thru movement

Add pedestrian crossings

Maintain existing turn restriction
EXISTING ISSUES – MYRTLE AV

Underutilized space

Long crossing distances
EXISTING CONDITIONS – MYRTLE AV

Wide entrance only used by Parks vehicles

Large underutilized space

Long crossing distances

Visibility issues between crossing pedestrians and turning vehicles
PROPOSAL – MYRTLE AV

- Relocate stop bar to allow for easier bus turns
- Build channelization with pavers and narrow entryway to park
- Add crosswalk
- Restrict eastbound right turn (1-5 vehicles during rush hours)
- Widen crosswalk to accommodate pedestrian desire paths to park
Proposal – Grenfell St Improvements
Proposed Improvements:

5) Lefferts Blvd / Grenfell St
6) Onslow Pl / Grenfell St / 82 Av
Pedestrian desire lines not accommodated by existing crossings
EXISTING ISSUES – LEFFERTS BLVD / GRENFELL ST

Southbound vehicles on Grenfell St block those attempting to head north.

MTA cited this issue as a cause of congestion for westbound traffic, creating delays for Q10.
EXISTING CONDITIONS – LEFFERTS BLVD / GRENFELL ST

Grenfell St is narrow for two-way traffic. Southbound vehicles block those attempting to head north.

Pedestrian desire line not accommodated by existing crosswalks.
PEDESTRIAN COUNTS – LEFFERTS BLVD / GRENFELL ST

Dani's

Giorgio's Salon

Chase

C Town

AM / PM / WKND

215 / 130 / 80

70 / 85 / 55

160 / 145 / 85

70 / 50 / 80

340 / 220 / 140

50 / 120 / 100
PROPOSAL – LEFFERTS BLVD / GRENFELL ST

- Change Grenfell St to one-way northbound
- Add speed bumps to Grenfell St
- Install new crosswalk
EXISTING STREET NETWORK – GRENFELL ST

- ONSLOW PL
- BEVERLY RD
- AUDLEY ST
- GRENFELL ST
- 82 AV
- 83 AV
- 83rd Ave
- Cuthbert Rd
- Austin’s Ale House
- Restaurant and Catering
- Kew Gardens
- LEFFERTS BLVD
- AUSTIN ST
PROPOSED STREET NETWORK – GRENFELL ST

Add speed bumps to Grenfell St between Lefferts Blvd and 82 Av

Diverted SB Grenfell St Vehicles

AM Peak – 145 (20 from train station)

PM Peak – 115 (25 from train station)
EXISTING ISSUES – ONSLOW PL

- No pedestrian crossings
- Vehicles often do not comply with stop signs and speed around corner from Onslow Pl to 82 Av Bridge
EXISTING CONDITIONS – ONSLOW PL

- No pedestrian crossings
- Vehicles often do not comply with stop signs and speed around corner from Onslow Pl to 82 Av Bridge
- Narrow Grenfell St blocks traffic flow
PROPOSAL – ONSLOW PL

- Total parking loss of 8 spaces
- Change Grenfell St to one-way northbound
- Install concrete traffic circles to calm traffic
- Add crosswalks
PROJECT BENEFITS

- Improves safety for all roadway users
- Calms traffic
- Shortens crossing distances for pedestrians
- Provides direct pedestrian crossings
- Clarifies traffic movements
- Improves traffic flow
NEXT STEPS

Develop plan for implementation in 2017 and 2018

Kew Gardens Civic Association

Present to Community Board 9

Revise plan based on comments

Revise plan in response to comments
Thank you

Questions?

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