E 33RD ST AND AVE T

Marine Park Community Association

May 15, 2018
EXISTING CONDITIONS
PROJECT AREA

MARINE PARK
EXISTING CONDITIONS – PEDESTRIAN CROSSINGS

Pedestrians crossing E 33<sup>rd</sup> St during the peak hour
Peak hour is 2-3pm
Studied on Saturday, April 14, 2018

- No marked crossings at E 33<sup>rd</sup> St and Ave T

Ave T at E 33<sup>rd</sup> St looking NW toward Marine Park
EXISTING CONDITIONS – HIGH SPEEDS

- 1200’ between traffic controls and marked crossings on E 33rd St
- Speeding:
  - Avg Speed: 28 mph
  - 85th % Speed: 33 mph
PROPOSAL
ENHANCED CROSSING TREATMENT

Standard treatment that meets community need for marked crossings where traffic controls are not appropriate

1. High-Visibility Crosswalks
2. Pedestrian Warning Signs
3. Americans with Disabilities Act (ADA) Compliant Pedestrian Ramps
4. Daylighting on approach to Crosswalks

NEW YORK STATE LAW

When a pedestrian is crossing in an uncontrolled crosswalk, motorists must YIELD when a pedestrian is in any portion of the roadway the vehicle is traveling

Example: 8th St and Macdougal St, MN
PROPOSAL – ENHANCED CROSSING

1. Add enhanced crossings on E 33\textsuperscript{rd} St at Ave T

2. Add painted neckdown at entrance to Marine Park

3. Upgrade existing crosswalk to high visibility at Ave T
PROPOSAL – SPEED BUMP

• High speeds on E 33rd St require traffic calming before enhanced crossing installation

• Speeding:
  Avg Speed: **28 mph**
  85th % Speed: **33 mph**
  72% above speed limit

• DOT previously studied and determined speed bumps are feasible at two locations between Ave S and Ave U
ENHANCED CROSSING + SPEED BUMP

157th St and 32nd Ave - Bowne Park, Queens

- Speed bumps used to reduce speeds at locations that would otherwise meet enhanced crossing warrant

- Bowne Park example:
  - *Before Speed bump install:* 86% Above speed limit
  - *After Speed bump install:* 2% Above speed limit
BENEFITS

- Enhanced crossings, daylighting, and neckdown improve visibility of crossing pedestrians
- Speed bump calms traffic approaching enhanced crossing
- Calmed traffic and increased visibility creates a safer, more comfortable pedestrian experience

Example enhanced crossing with painted neckdown on Campus Rd and E 27th St at Brooklyn College
NEXT STEPS

1. Work with Marine Park Community Association to approve speed bump
2. Install speed bump
3. Conduct speed study to ensure speeds are reduced
4. Implement enhanced crossings and neckdown
5. Continue to monitor and evaluate
THANK YOU!

Questions?

nyc.gov/dot