



E 33RD ST AND AVE T

Marine Park Community Association

May 15, 2018



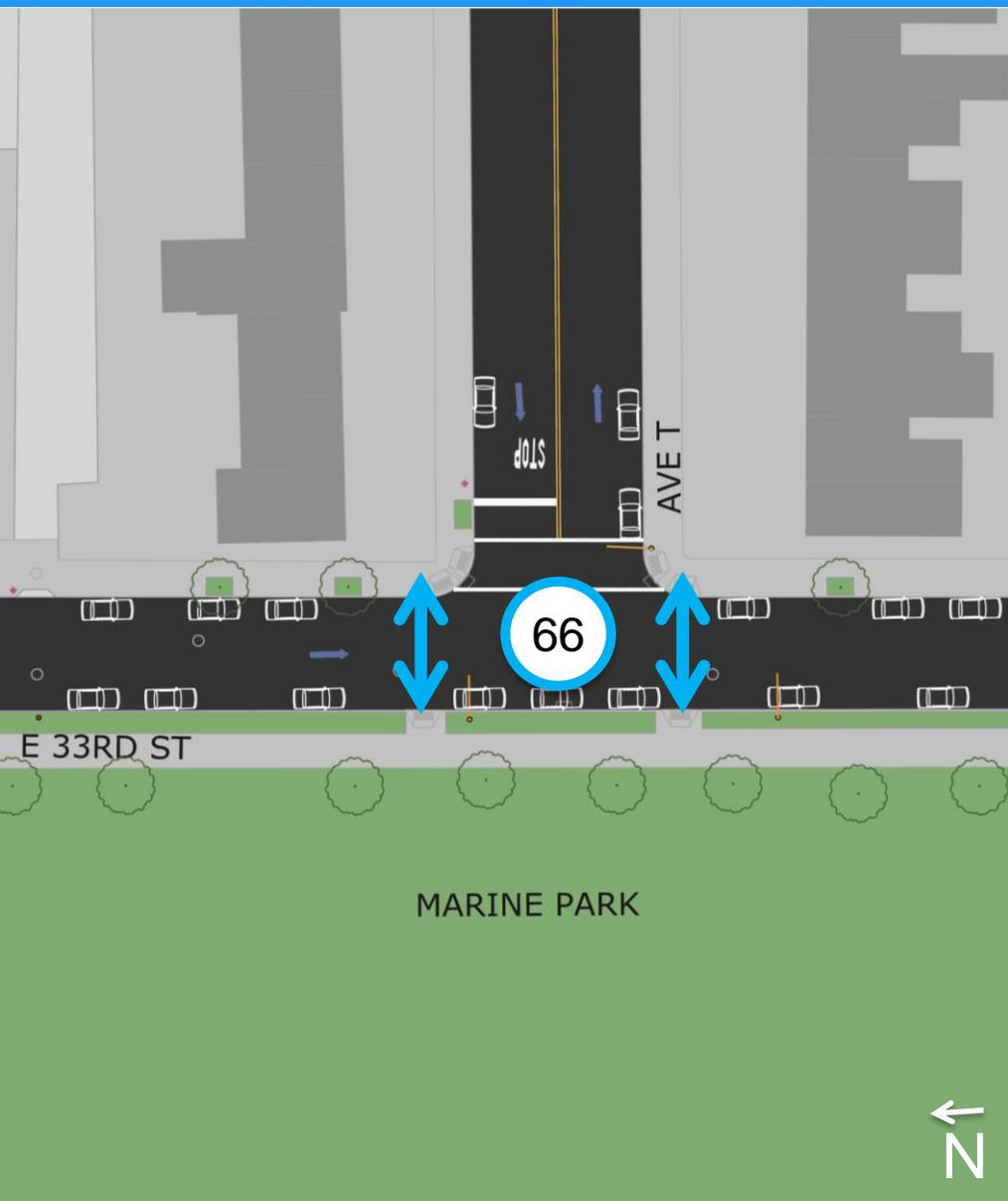
EXISTING CONDITIONS

1

PROJECT AREA



EXISTING CONDITIONS – PEDESTRIAN CROSSINGS



- Pedestrians crossing E 33rd St during the peak hour
Peak hour is 2-3pm
Studied on Saturday, April 14, 2018
- No marked crossings at E 33rd St and Ave T



Ave T at E 33rd St looking NW toward Marine Park

EXISTING CONDITIONS – HIGH SPEEDS



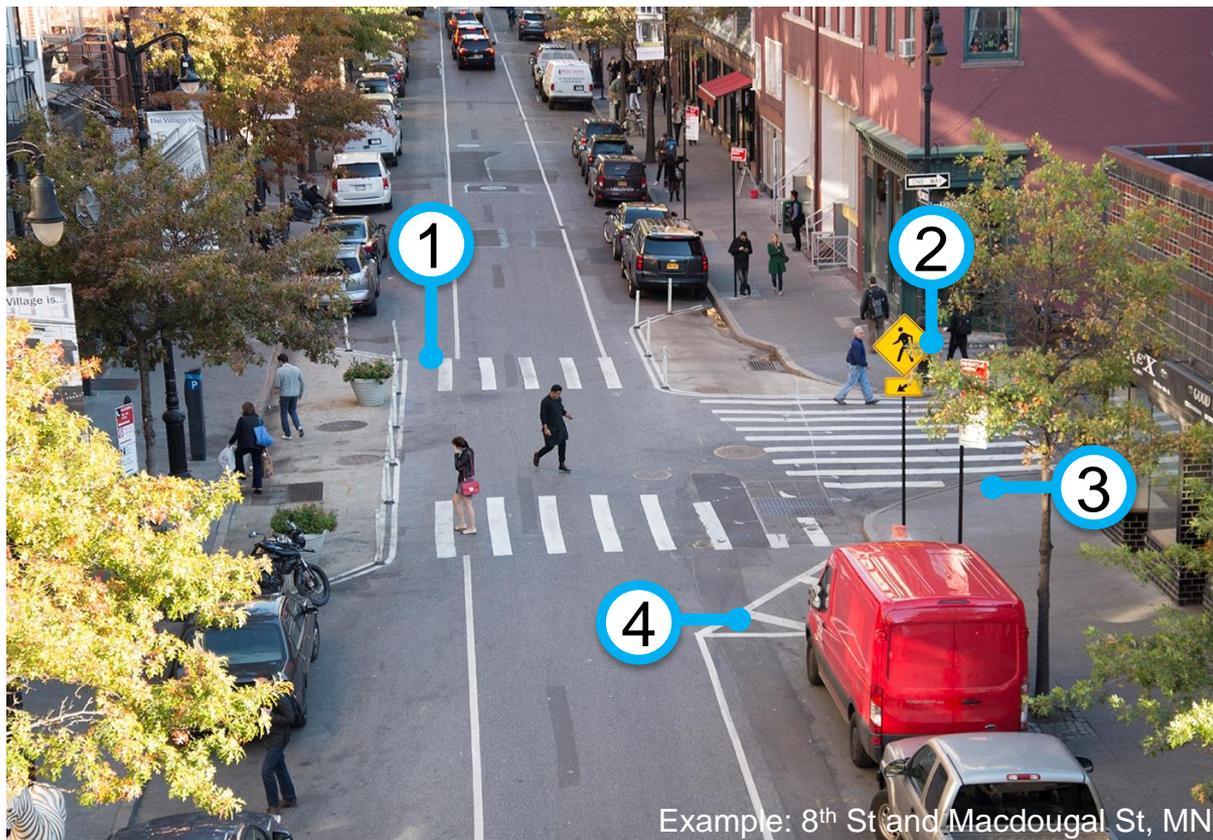
- 1200' between traffic controls and marked crossings on E 33rd St
- Speeding:
Avg Speed: **28 mph**
85th % Speed: **33 mph**

PROPOSAL

2

ENHANCED CROSSING TREATMENT

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



Example: 8th St and Macdougall St, MN

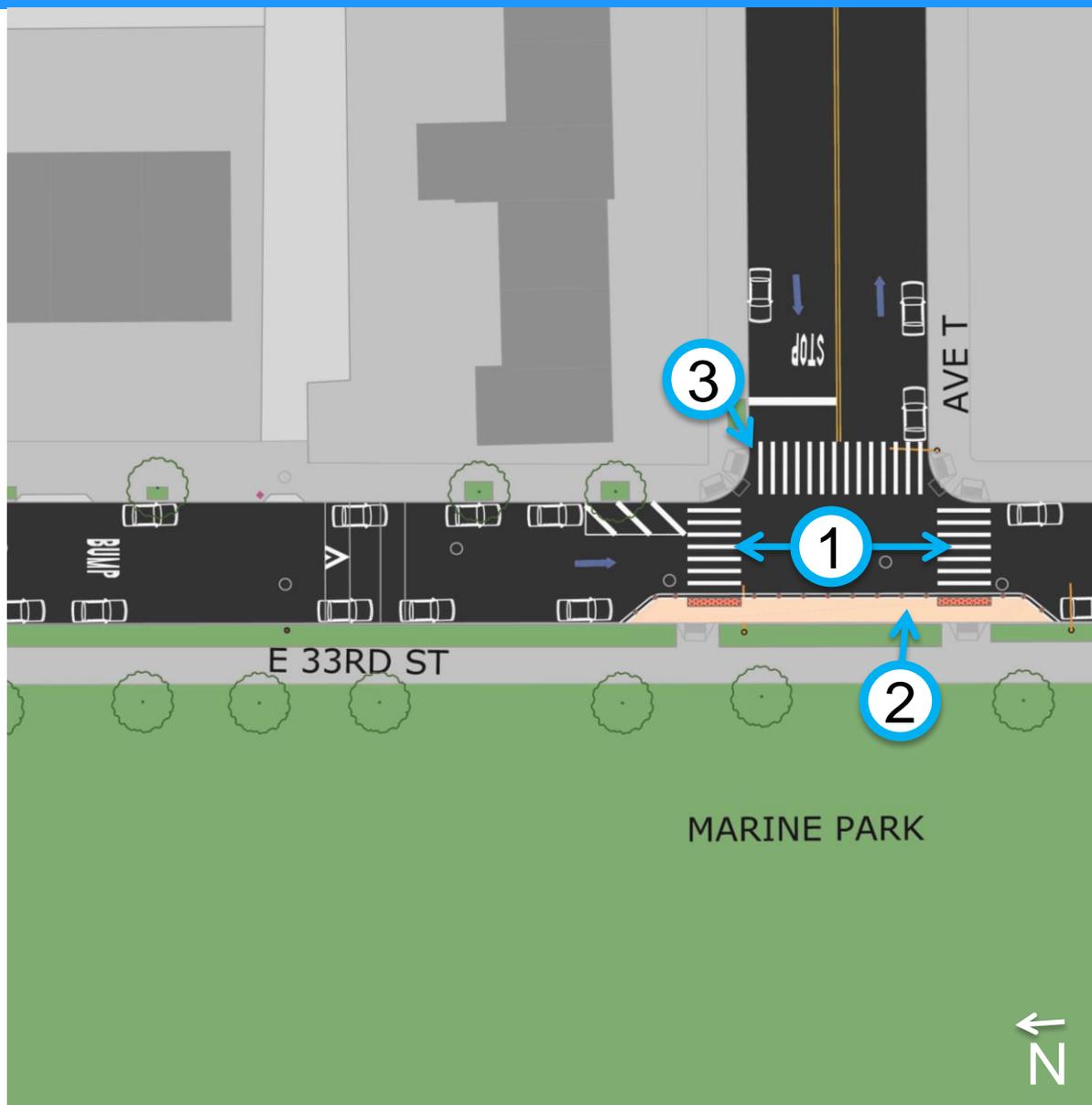
- 1 High-Visibility Crosswalks
- 2 Pedestrian Warning Signs
- 3 Americans with Disabilities Act (ADA) Compliant Pedestrian Ramps
- 4 Daylighting on approach to Crosswalks

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

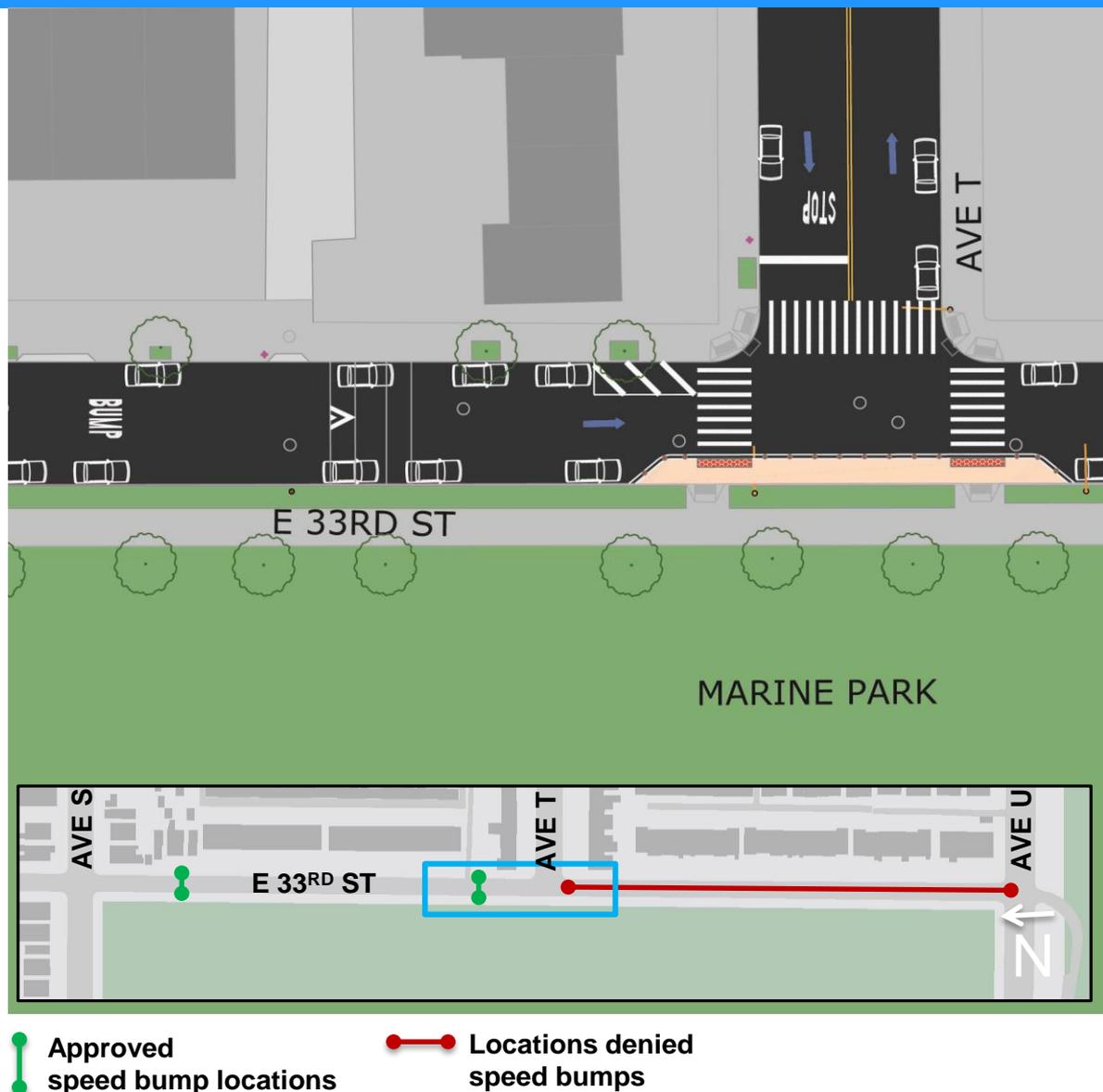
PROPOSAL – ENHANCED CROSSING

- 1 Add enhanced crossings on E 33rd 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

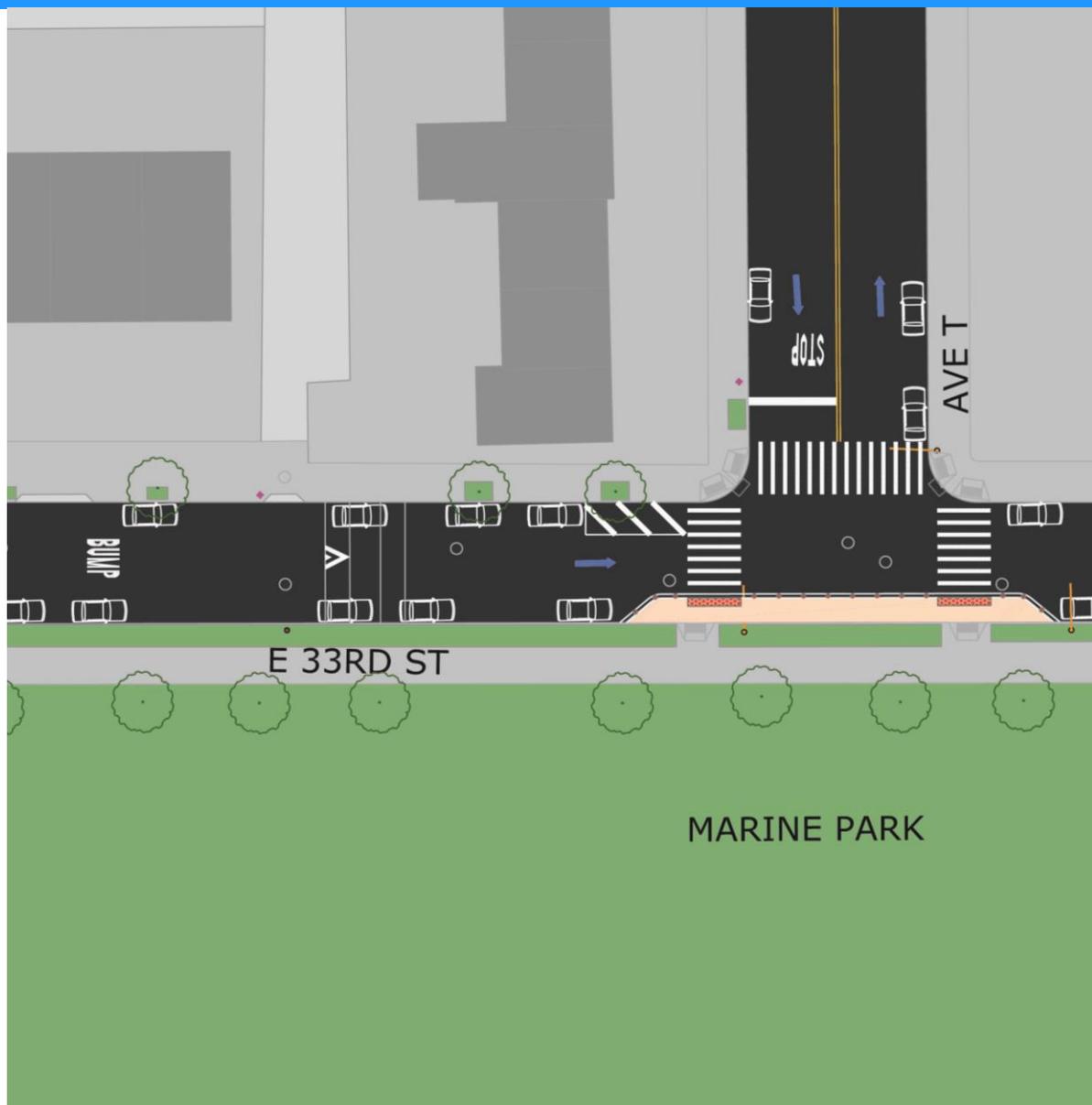
- Enhanced crossings, daylighting, and neckdown improve visibility of crossing pedestrians
- Speed bump calms traffic approaching enhanced crossing
- Calmed traffic and increased visibility creates a safer, more comfortable pedestrian experience



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 DOT



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