

3rd Avenue, 63rd - 72nd Streets 66th Street, 2nd-3rd Avenues Pedestrian Safety Improvements

2015
&
2016

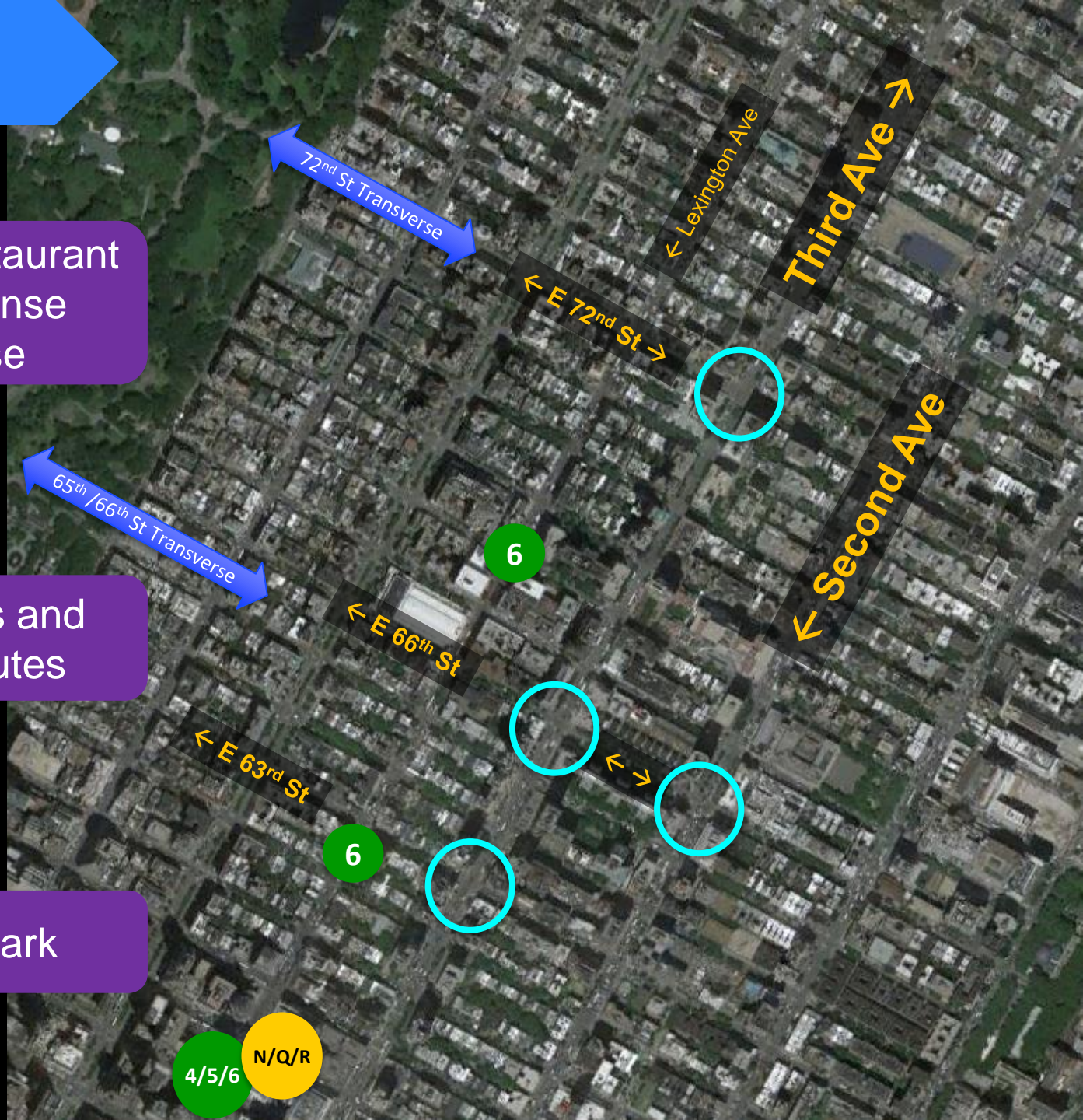


Project Area

Shopping and restaurant corridor with dense residential use

Nearby subways and multiple bus routes

Near Central Park

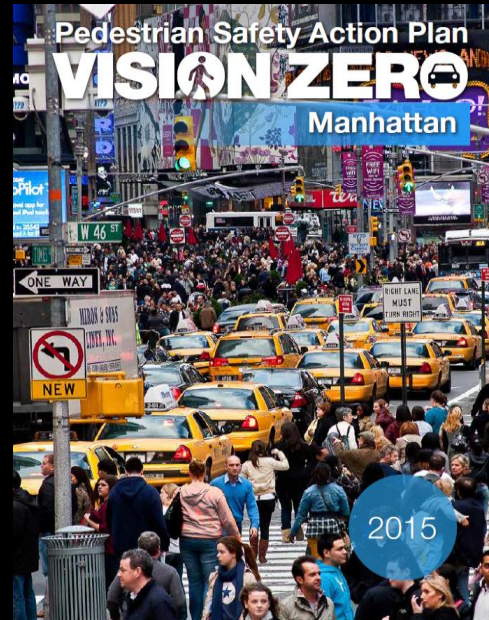


Project Background

- 
- An aerial photograph of a busy city intersection, likely in New York City. The street is filled with various vehicles including yellow taxis, white vans, and cars. Pedestrians are visible on the sidewalks. Street markings like 'LANE' and 'FIRE' are visible on the road surface. A semi-transparent dark box containing a bulleted list is overlaid on the bottom half of the image.
- CM Garodnick requested median enlargement on 66th St at 3rd and 2nd Aves (2010)
 - Safety improvements implemented on 3rd Ave at 79th St and 86th St (2013) and 60th St (2014)
 - DOT repaving of 3rd Ave between 64th St and 72nd St is opportunity for updated road markings to improve safety (October 2015)

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors and Areas identified in each borough
 - ▶ 3rd Ave and 2nd Ave are Priority Corridors in Manhattan
 - ▶ Project locations are in Priority Area



Manhattan Priority Map

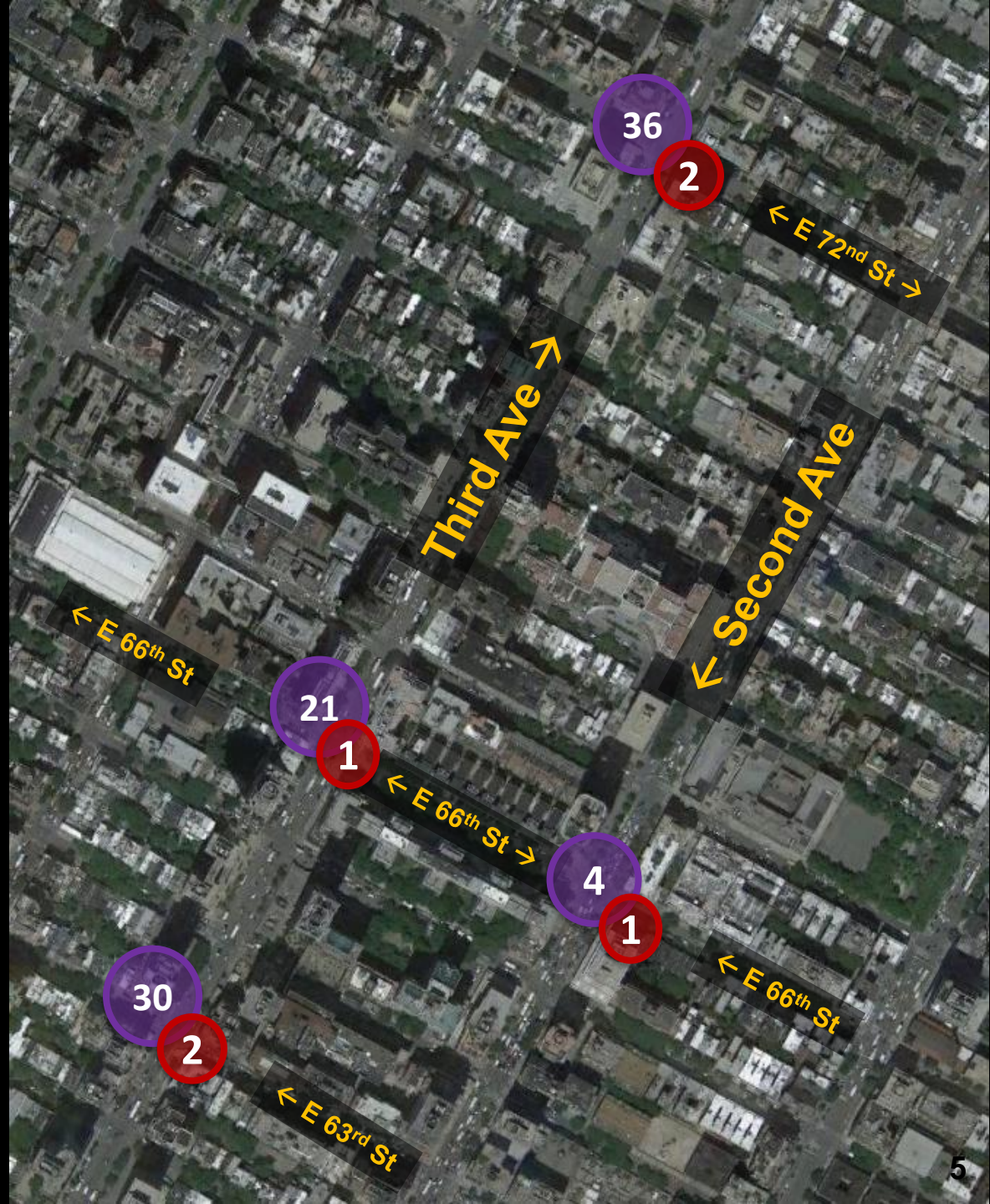


Crash History

5-year period (2009-2013)

- # Total injuries
- # Severe injuries

On 3rd Ave, both E 63rd St and E 66th St had seven pedestrian injuries from northbound left-turning vehicles, four of them being moderate to severe



Rapid Response Toolkit

- Painted and/or gravel surfaces
- Planters with maintenance partner
- Pavement markings
- Flexible delineators
- Sign installation
- Concrete islands & sidewalk extensions



Existing Conditions

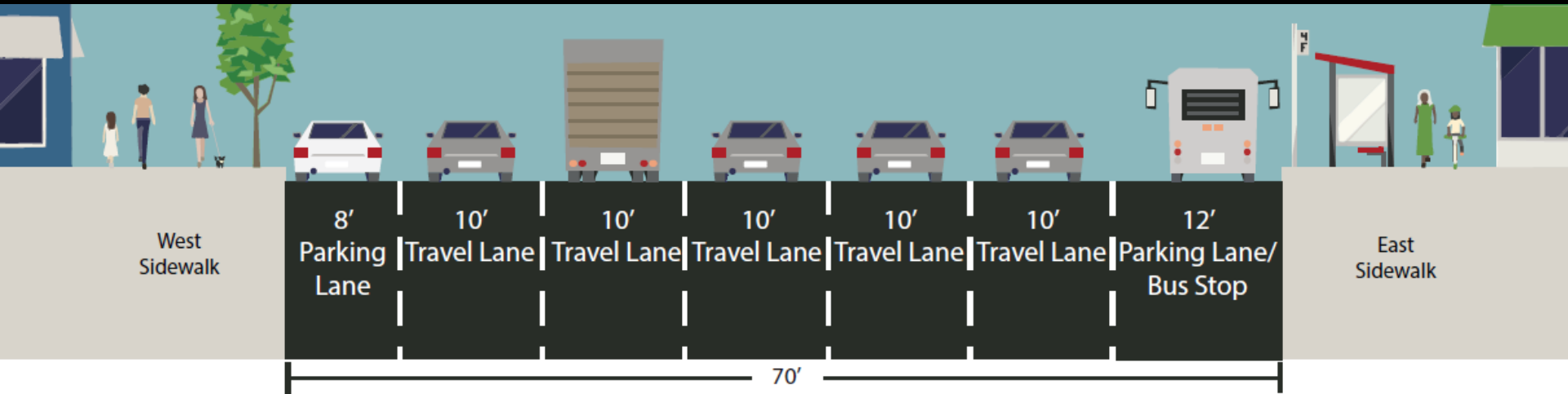
3rd Ave is wide corridor with
excess capacity



Cross Section: 3rd Ave from 60th to 72nd

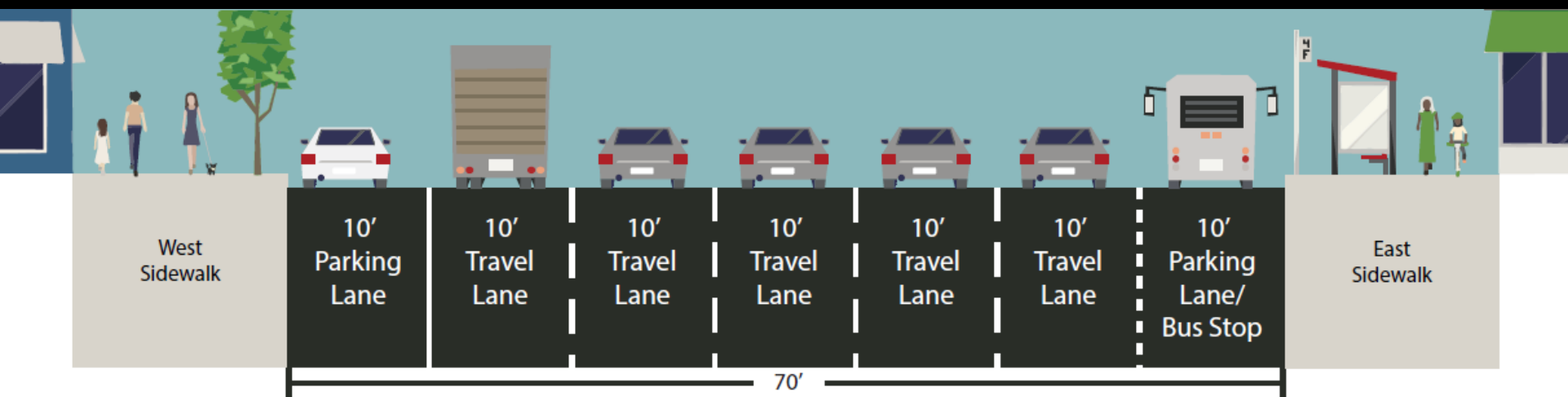
EXISTING

3rd Ave: 60th St to 72nd St



PROPOSED

3rd Ave: 60th St to 72nd St



*Left-turn lanes approaching 63rd, 66th, & 72nd Sts and right-turn bay approaching 66th St

Existing Conditions



Pedestrians waiting in the roadbed to cross in the shadow of parking lane

Proposal: E. 63rd St

Neckdown on
northwest corner*

Third Ave →

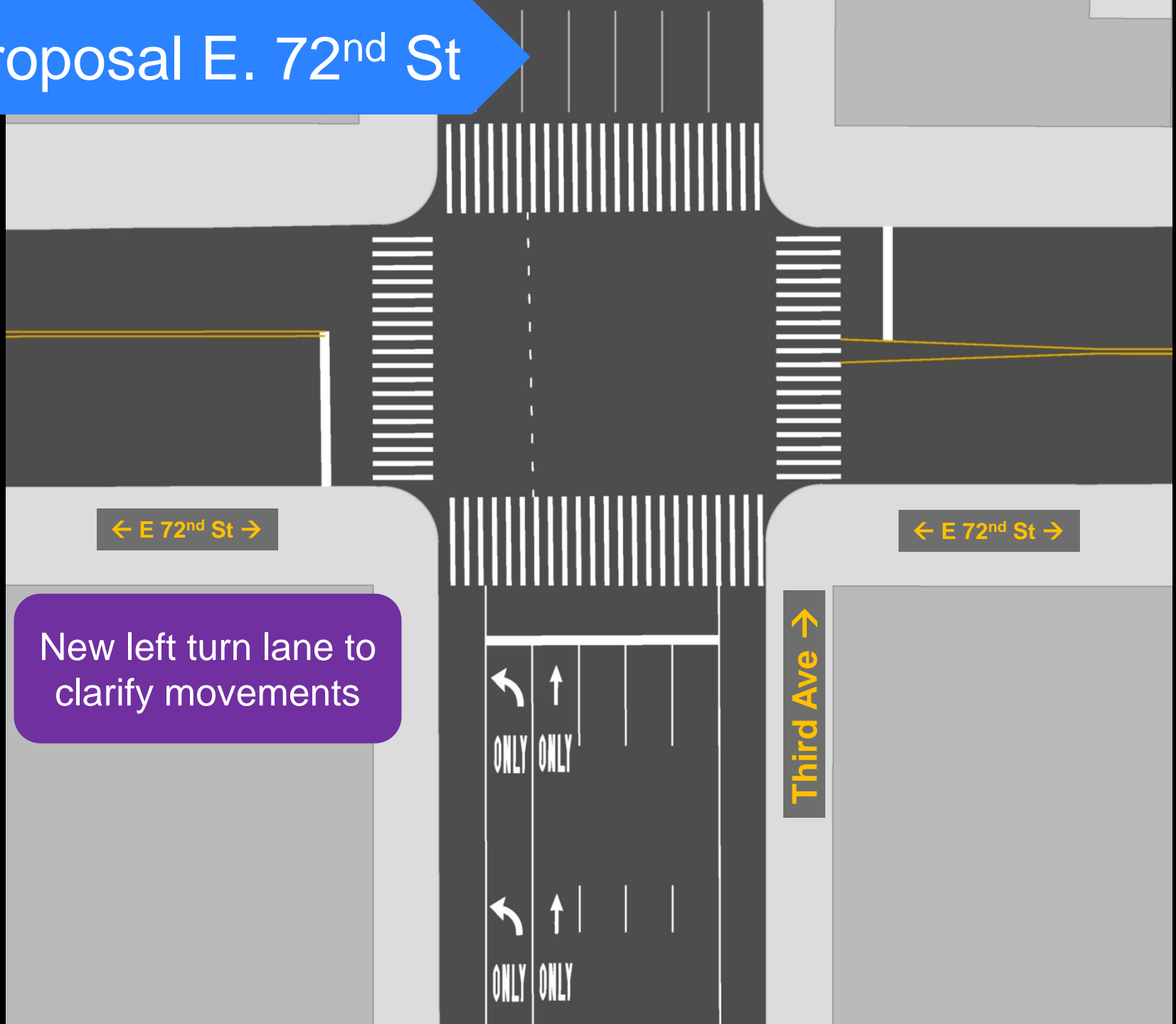
← E 63rd St

MTA to build sidewalk extension
as part of elevator project (2016)

New left turn lane to
clarify movements

*Concrete or paint to be determined

Proposal E. 72nd St



Proposal: Similar Treatment

BEFORE



AFTER



On 3rd Ave, both 79th St and 86th St have experienced a reduction of injuries in the year following implementation of the same treatment*

	79th St	86th St
Total injuries	-44%	-63%
Pedestrian injuries	-33%	-45%

*compared to 3-year average before implementation

Existing Conditions: E. 66th St



Long diagonal crossings across
3rd and 2nd Aves at 66th St

Existing Conditions: E. 66th St

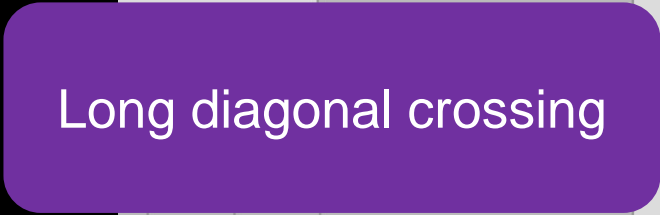


Lack of sidewalk
along planting bed

Narrow pedestrian cut-
through on island

Looking south on 2nd Ave at 66th St

Existing: 3rd Ave & E. 66th St



Proposal: 3rd Ave & E. 66th St

Neckdown on northwest and northeast corners*

Shortened crosswalks

← E 66th St

Third Ave →

← E 66th St

47'

New left turn lane to clarify movements

62'

E 66th St →

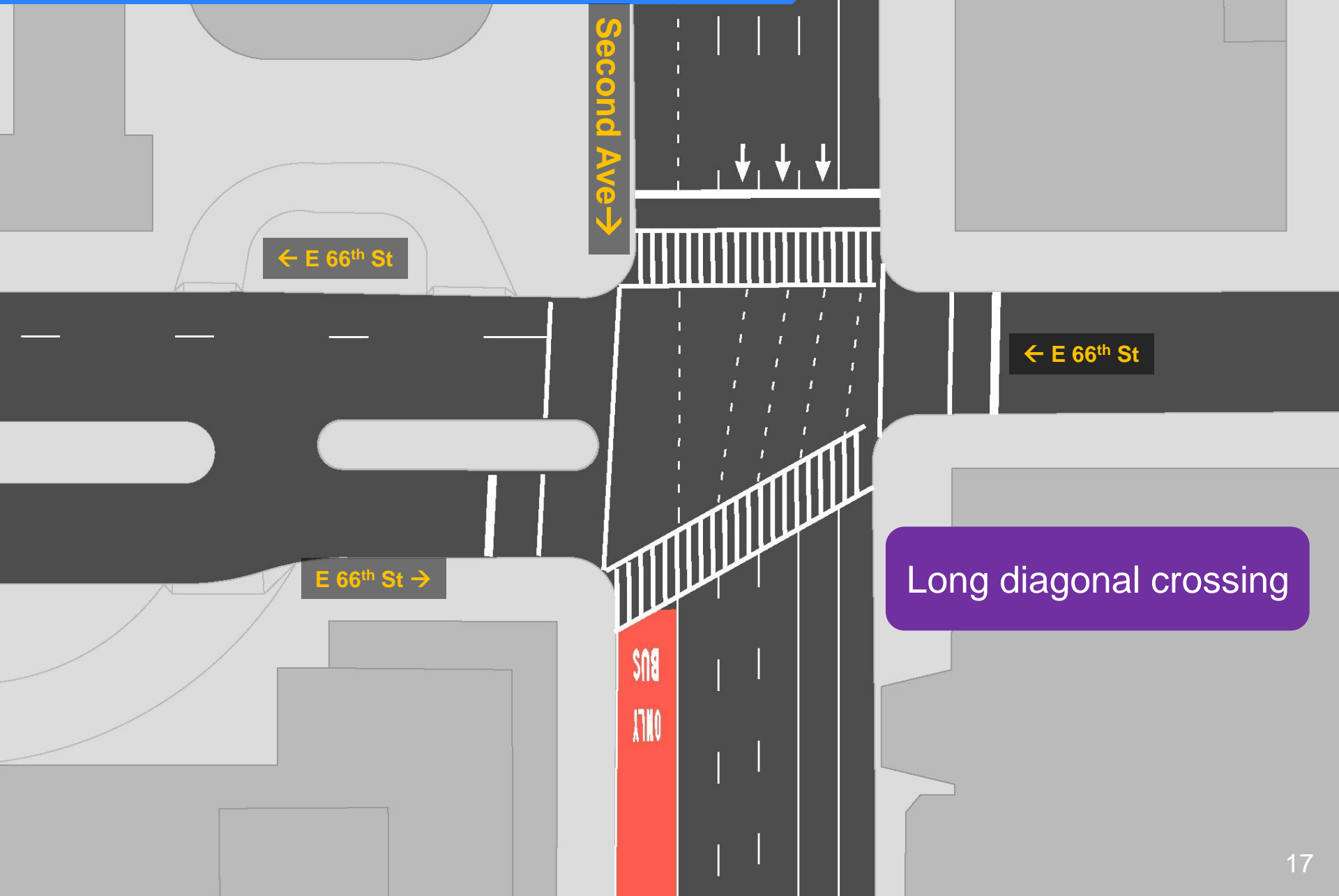
Concrete extension of median

New right turn bay

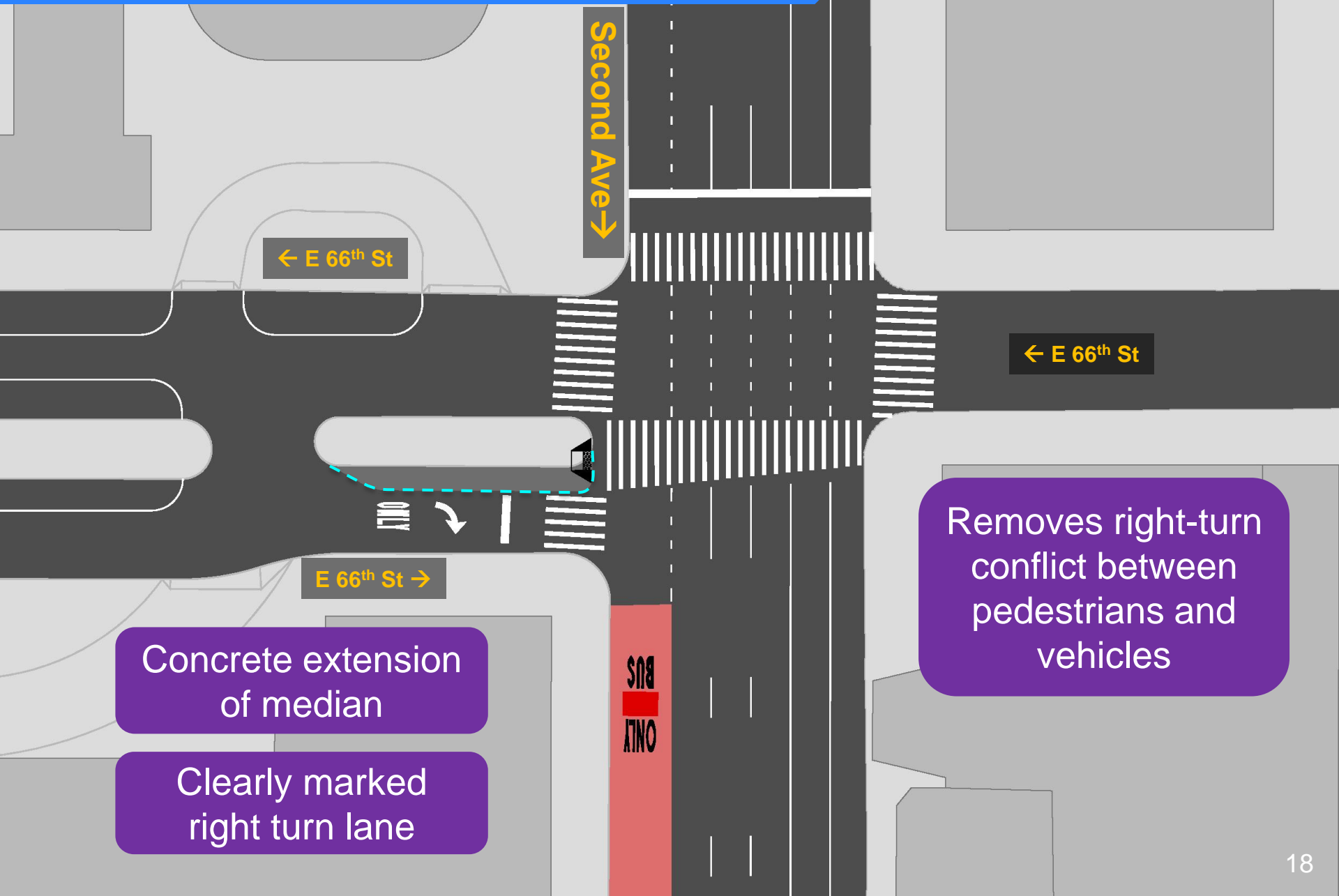
Concrete or paint to be determined

BUS STOP

Existing: 2nd Ave & E. 66th St



Proposal: 2nd Ave & E. 66th St



Summary

Expected benefits:

- Clarified vehicular movements and calmed traffic
- Safer, shorter crosswalks
- Expanded pedestrian space

Fall 2015

1. Repave 3rd Ave between E 64th and E 72nd Sts
2. Install new lane assignment markings on 3rd Av between E 64th St and E 72nd Sts
3. Install neckdown on NW and NE corners of 3rd Ave and E 66th St
4. Initiate signal study for leading pedestrian intervals (LPIs) on 3rd Ave at E 66th St, E 65th St, and E 63rd St

2016

1. Build median extensions on E 66th St at 3rd and 2nd Aves
2. Install neckdown on NW corner of E 63rd St (pending MTA construction completion)



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Thank
You

