



8th Avenue – 31st St to 38th St

Presentation to Community Board 4

May 19th, 2021

Project Background

1

Project Area and Background

Project Area:

8th Avenue – 31st St to 38th St

- Key corridor connecting pedestrians to Penn Station and PABT
- Commercial, office and entertainment land uses in close proximity to major subway stops

Project Background:

- Phase I expanded the sidewalk from 38th St to 43rd St
- Pedestrian crowding still exists to the north and south



- Phase II – 31st St to 38th St
- One Block – 42nd to 43rd (2017)
Phase I – 38th to 42nd St (2019)

8th Avenue Safety Data

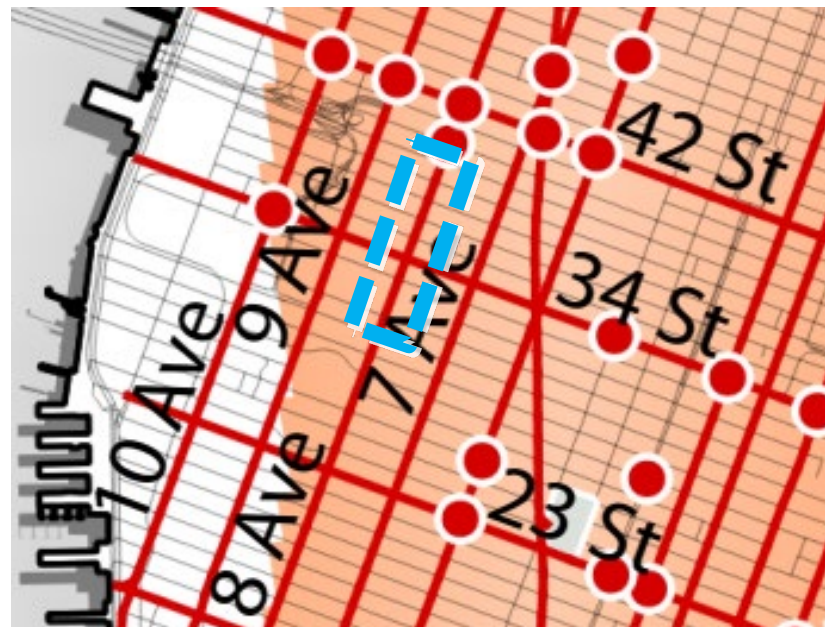
8th Avenue is a Vision Zero Priority Corridor

8th Avenue – 31st St to 38th St

Injury Summary, 2014-2018 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	59	6	1	7
Bicyclists	14	1	0	1
Motor Vehicle Occupant	75	0	0	0
Total	148	7	1	8

Fatalities – 2014 to 2021 : 1



Vision Zero Map

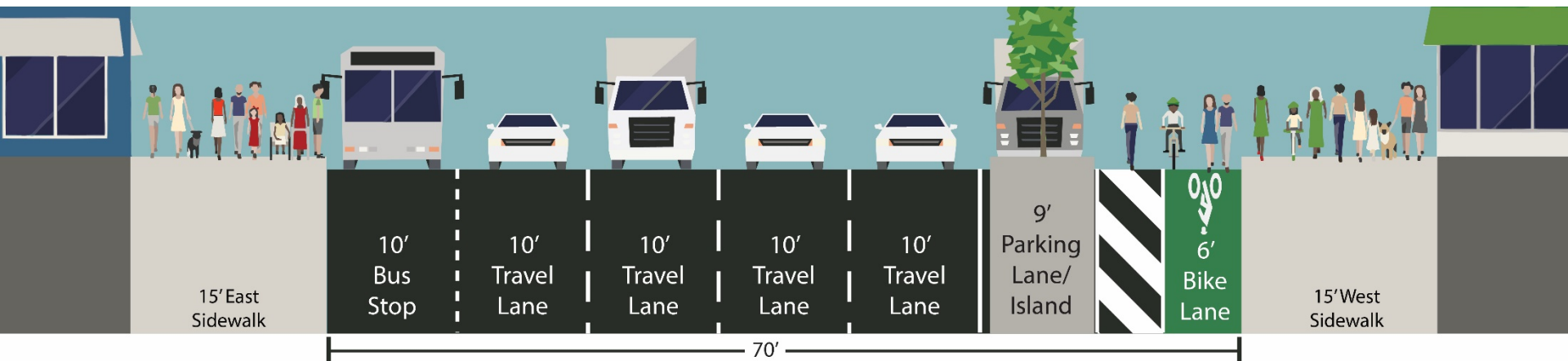
- Pedestrian fatality in 2016 at 38th St
- Pedestrian severe injuries at 31st, 34th, 35th St
- Cyclist severe injury at 33rd St

Existing Conditions

2

Existing Block Configuration

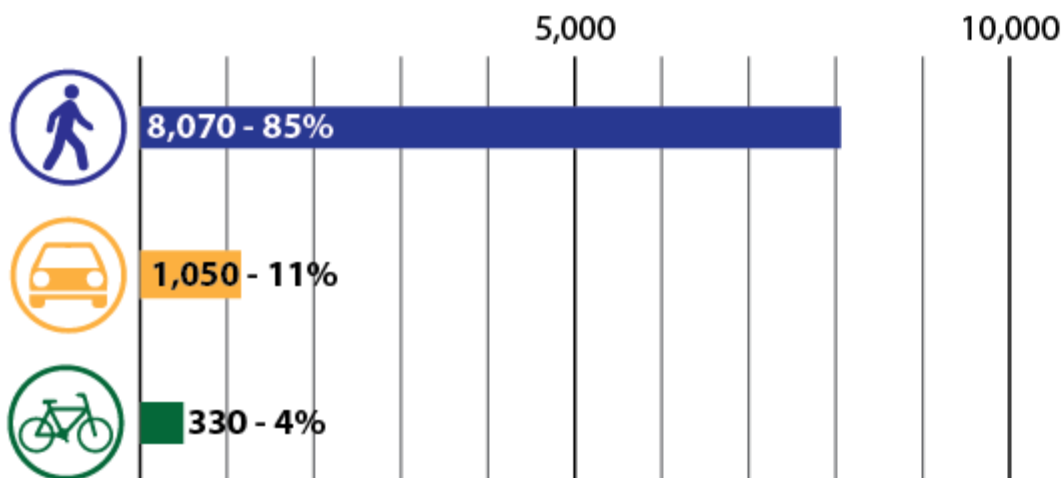
- 15' sidewalks
- 4 general travel lanes
- Parking-protected bike lane
- Two parking/loading lanes - mix of bus stops, hotel loading zones, and 3 hour metered commercial loading/parking



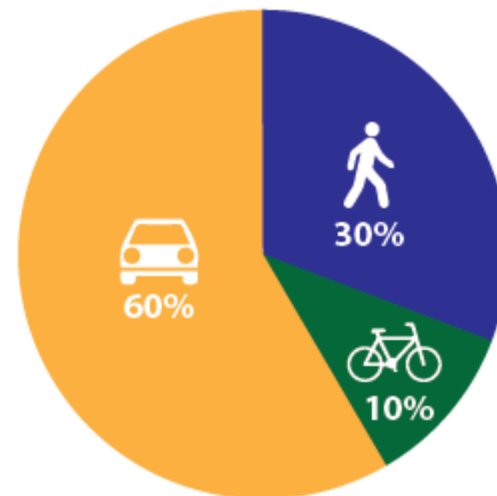
Volume and Space Comparison

- Pedestrians account for 85% of roadway users
- High pedestrian volumes and small amount of road share results in people walking in curbside lanes

8th Avenue Modeshare (PM Peak Hour)



Existing 8th Avenue Roadshare



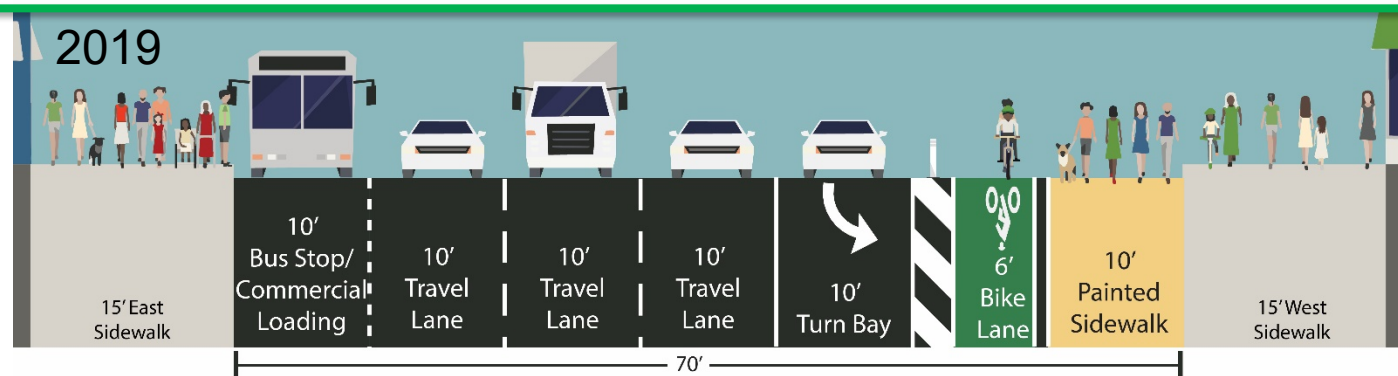
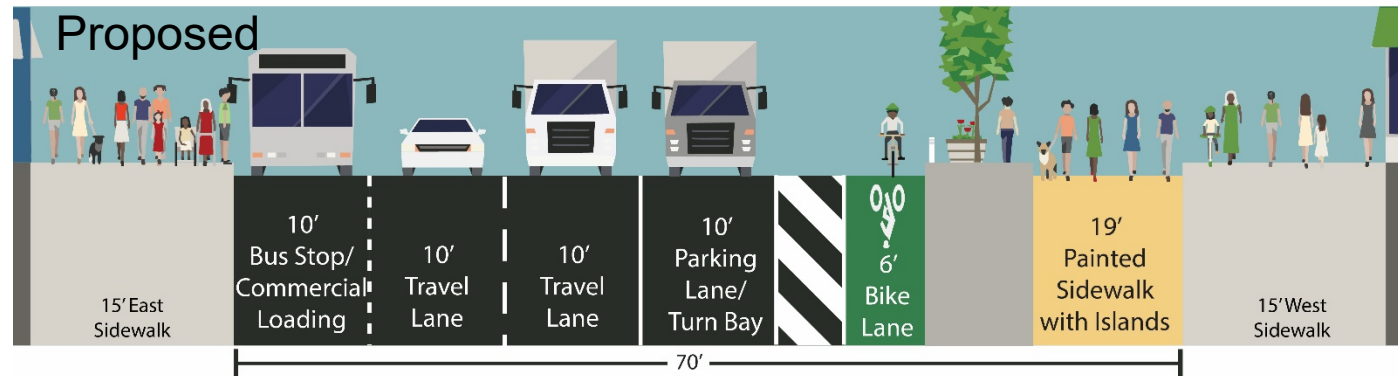
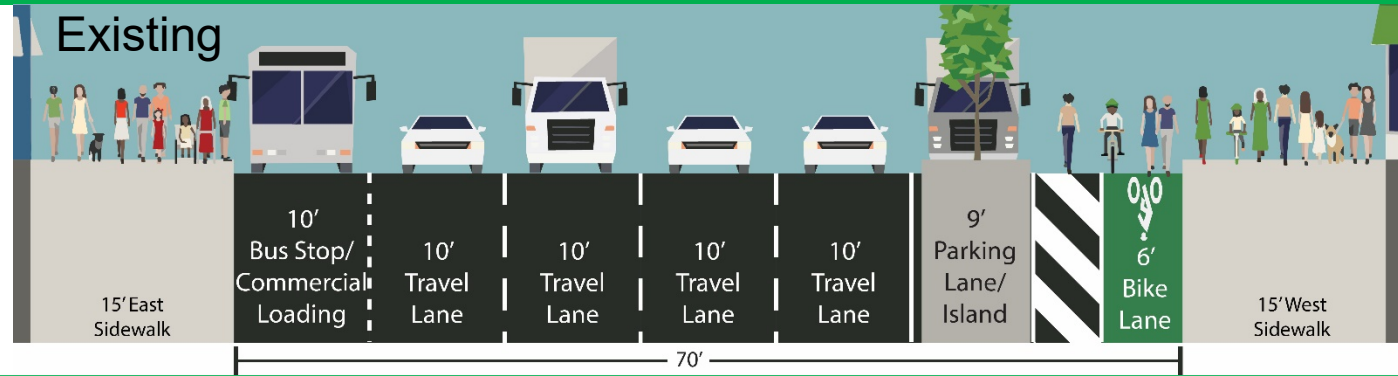
Insufficient Sidewalk Space



Project Proposal

3

Typical Proposed Block Configuration



- 19' painted sidewalk extension on west curb
- Parking and/or lane divider protected bike lane
- Two general travel lanes
- Left turn lanes as needed

Typical Proposed Block Configuration



Similar to treatment implemented in 2019 on 8th Avenue
between 38th and 42nd St

8th Ave – 31st To 32nd St

8TH AVENUE

31st



32nd

33rd

34th

35th

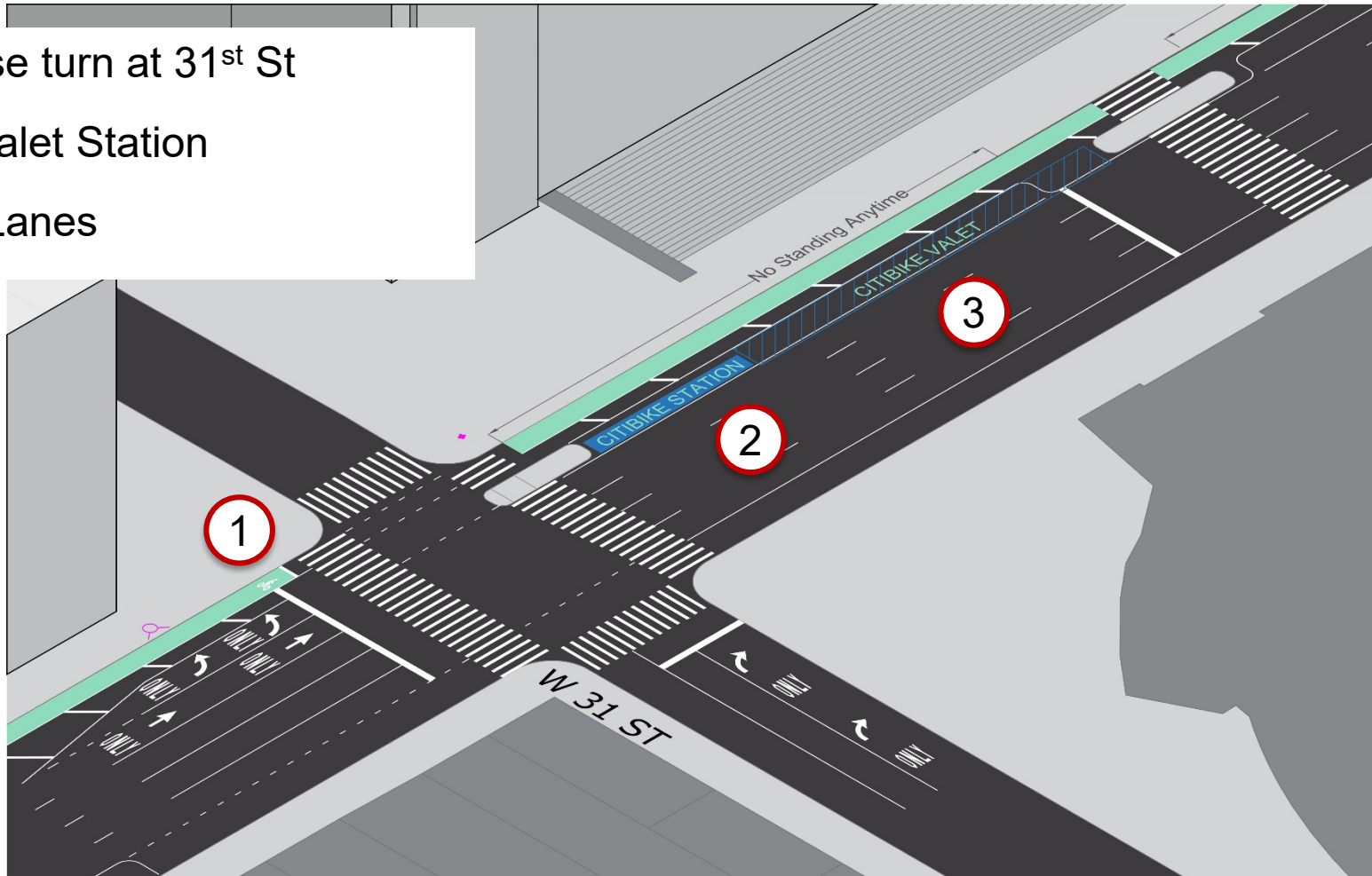
36th

37th

38th

Existing

- 1 Split phase turn at 31st St
- 2 Citibike Valet Station
- 3 4 Travel Lanes



8th Ave – 31st To 32nd St

8TH AVENUE

31st



32nd

33rd

34th

35th

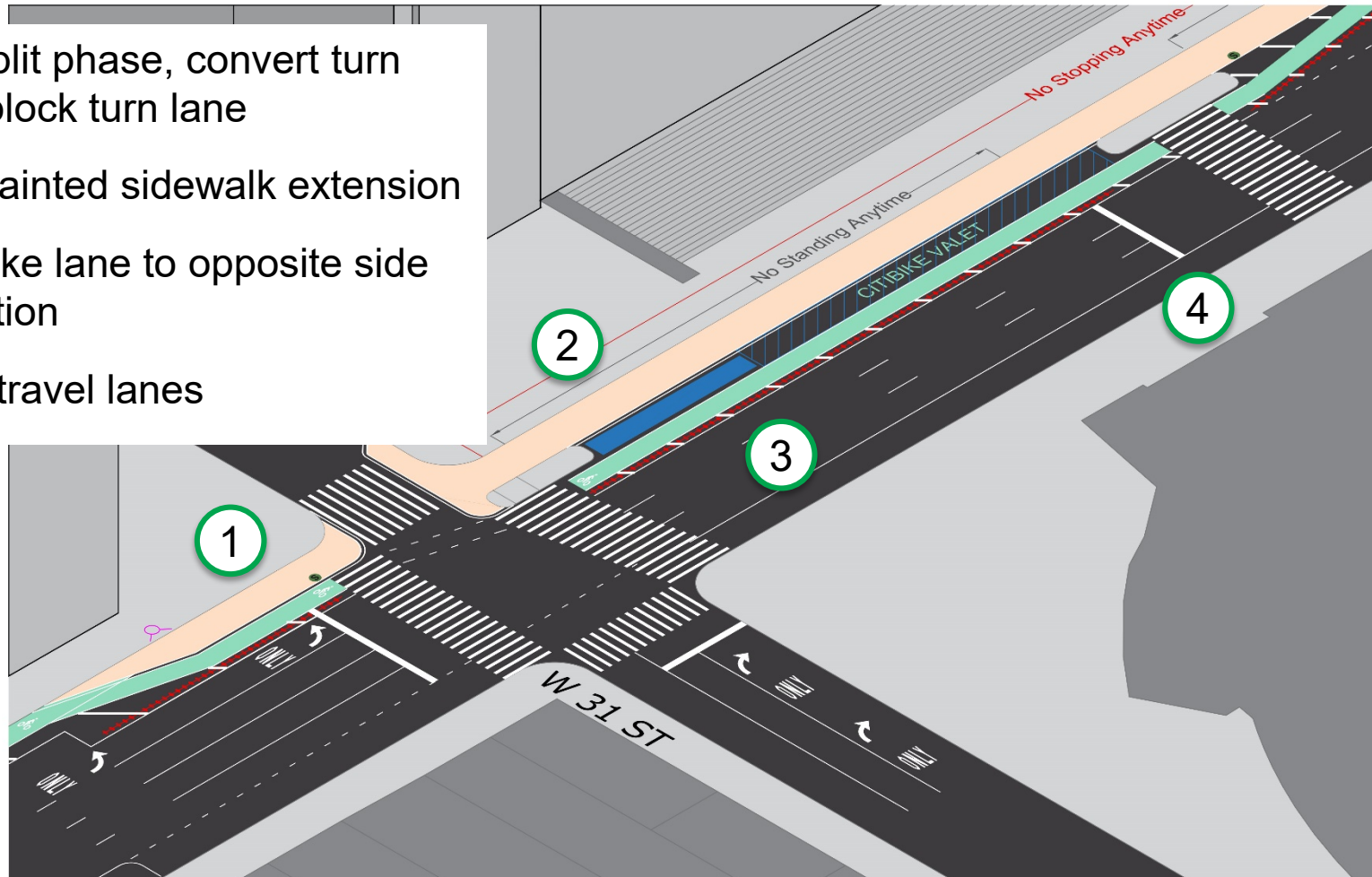
36th

37th

38th

Proposed

- 1 Maintain Split phase, convert turn bay to full block turn lane
- 2 Install 11' painted sidewalk extension
- 3 Relocate bike lane to opposite side of valet station
- 4 Maintain 3 travel lanes



8th Ave – 32nd TO 33rd St

8TH AVENUE

31st

32nd

33rd

34th

35th

36th

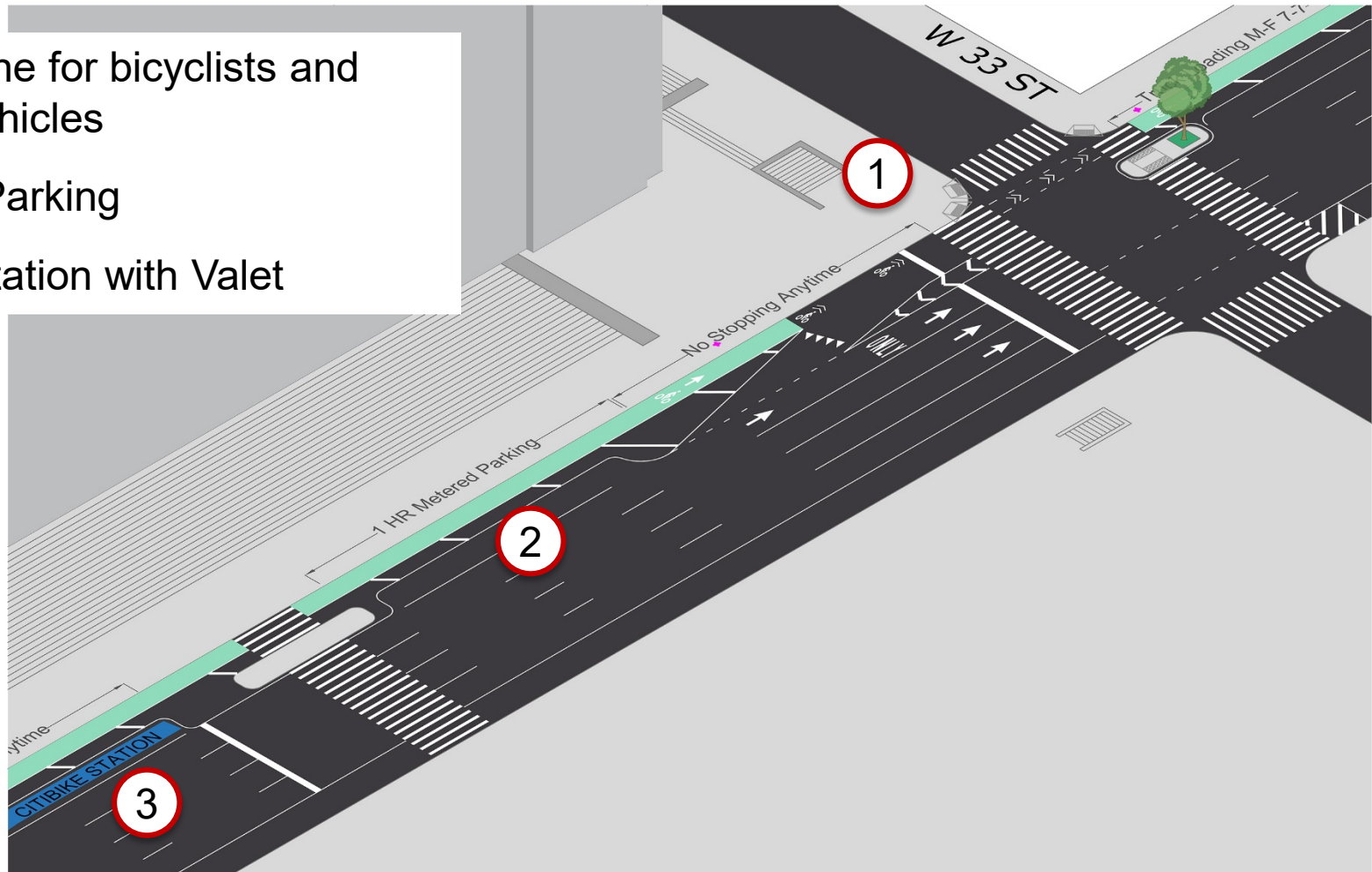
37th

38th

Existing



- 1 Mixing zone for bicyclists and turning vehicles
- 2 Metered Parking
- 3 Citibike Station with Valet



8th Ave – 32nd TO 33rd St

8TH AVENUE

31st

32nd

33rd

34th

35th

36th

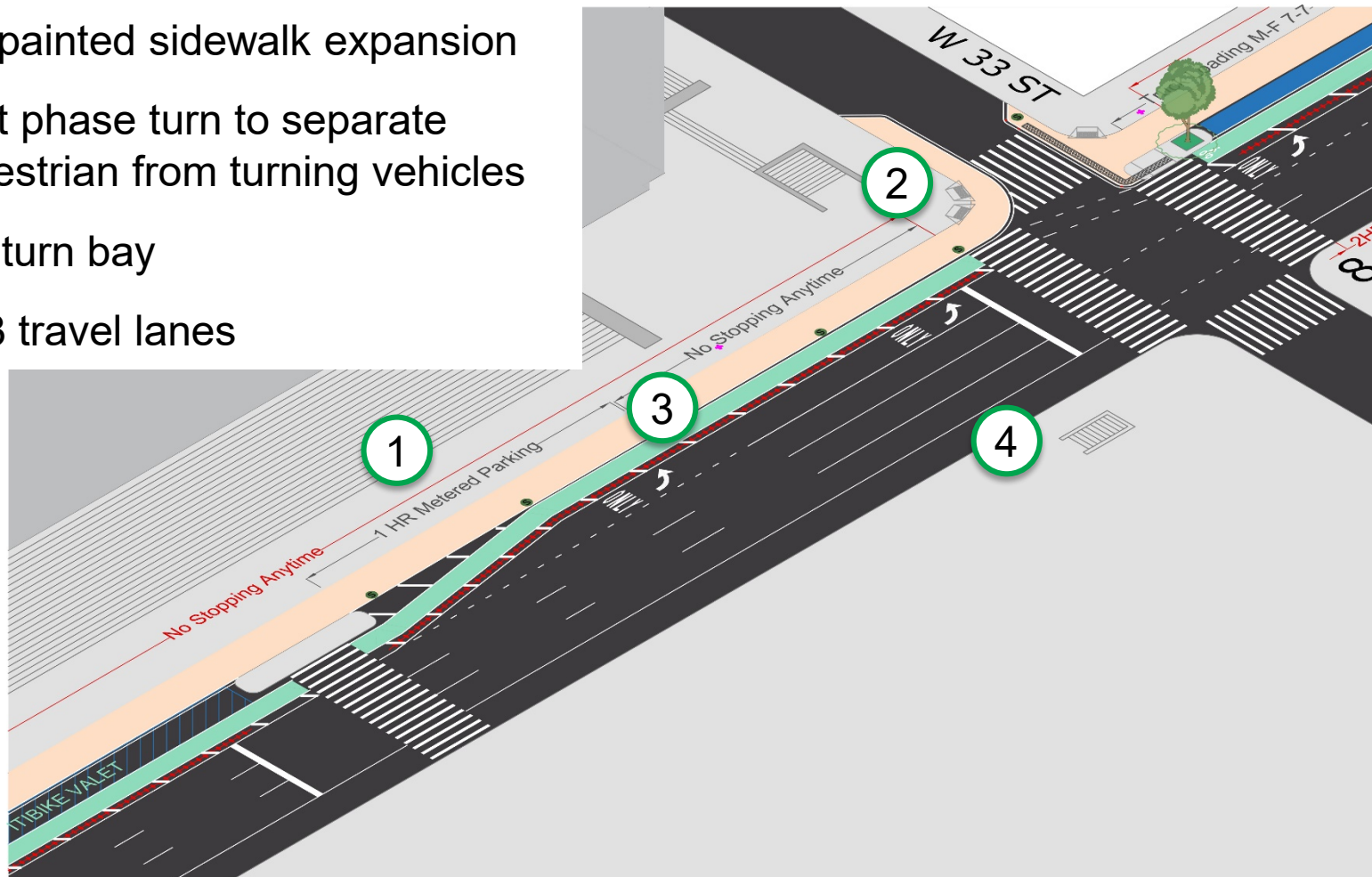
37th

38th

Proposed



- 1 Install 11' painted sidewalk expansion
- 2 Install split phase turn to separate bikes/pedestrian from turning vehicles
- 3 Install left turn bay
- 4 Maintain 3 travel lanes



8th Ave – 33rd St to 34th St

8TH AVENUE

Existing

31st

32nd

33rd

34th

35th

36th

37th

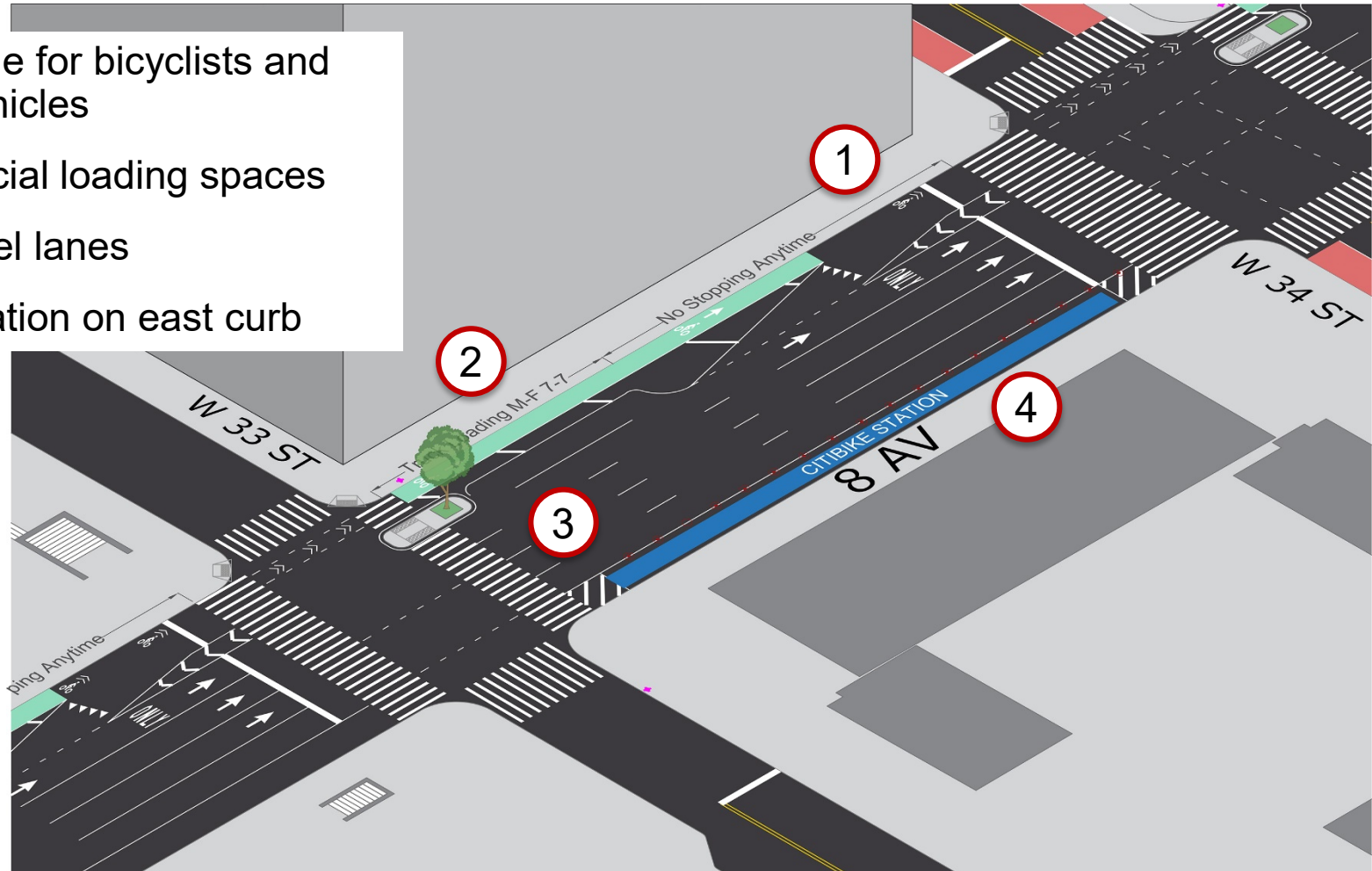
38th

1 Mixing zone for bicyclists and turning vehicles

2 3 commercial loading spaces

3 4 thru travel lanes

4 Citibike station on east curb



8th Ave – 33rd St to 34th St

8TH AVENUE

31st

32nd

33rd

34th

35th

36th

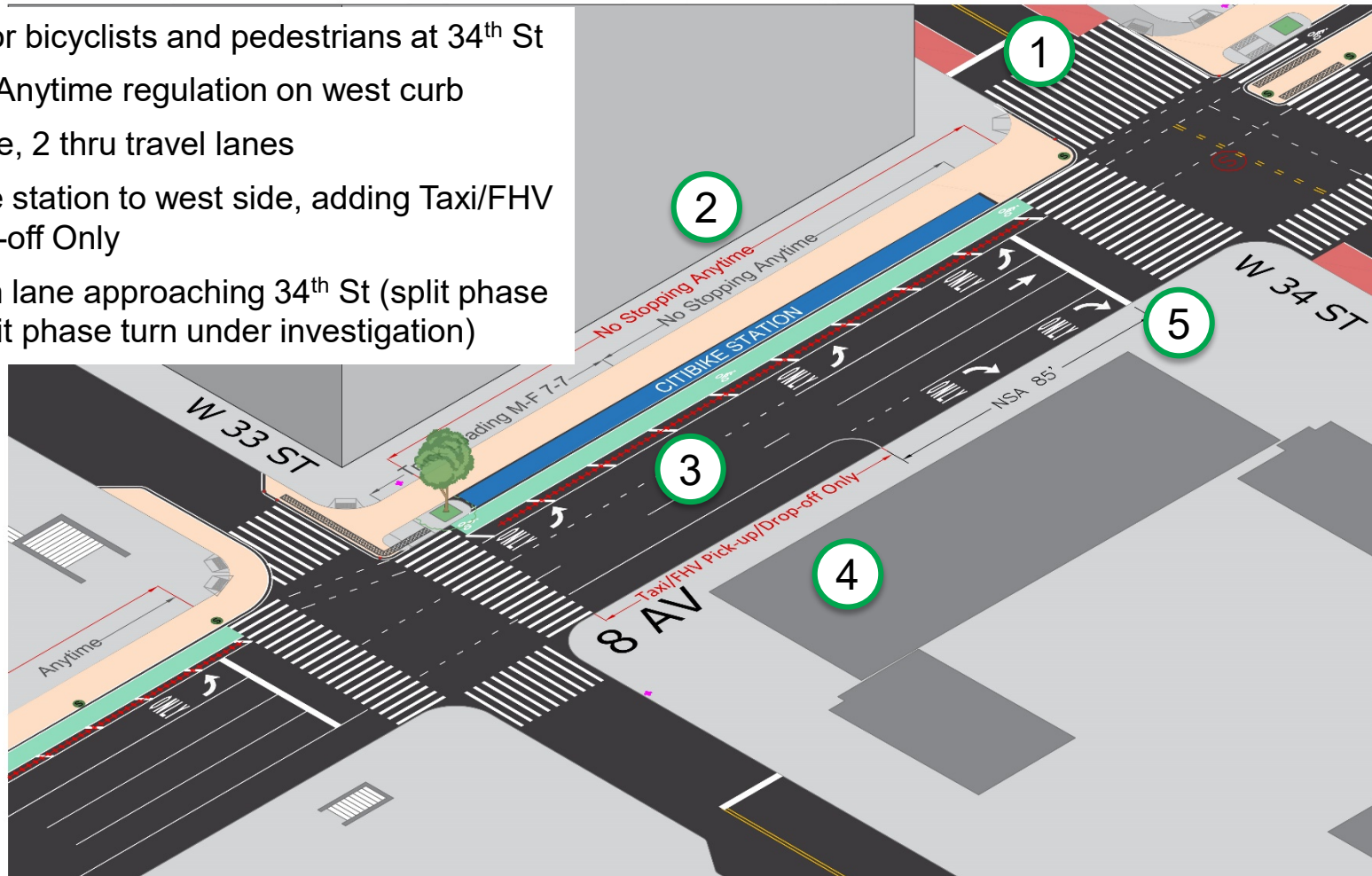
37th

38th

Proposed



- ① Split phase for bicyclists and pedestrians at 34th St
- ② No Stopping Anytime regulation on west curb
- ③ 1 left turn lane, 2 thru travel lanes
- ④ Move Citibike station to west side, adding Taxi/FHV Pick-up/Drop-off Only
- ⑤ Add right turn lane approaching 34th St (split phase LPI or full split phase turn under investigation)



8th Ave – 34th St to 35th St

8TH AVENUE

Existing

31st

32nd

33rd

34th

35th

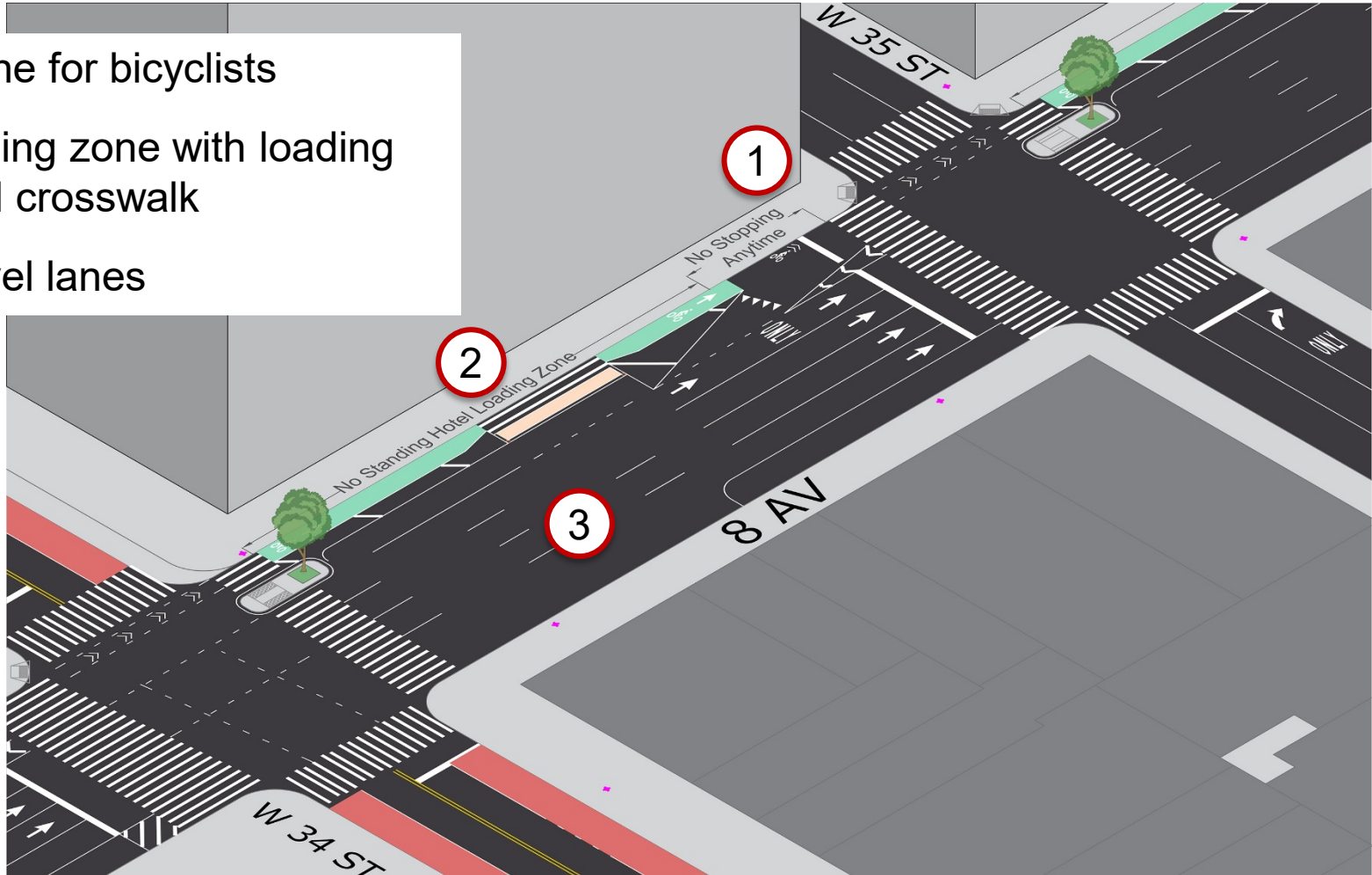
36th

37th

38th



- ① Mixing zone for bicyclists
- ② Hotel loading zone with loading island and crosswalk
- ③ 4 thru travel lanes



8th Ave – 34th St to 35th St

8TH AVENUE

31st

32nd

33rd

34th



35th

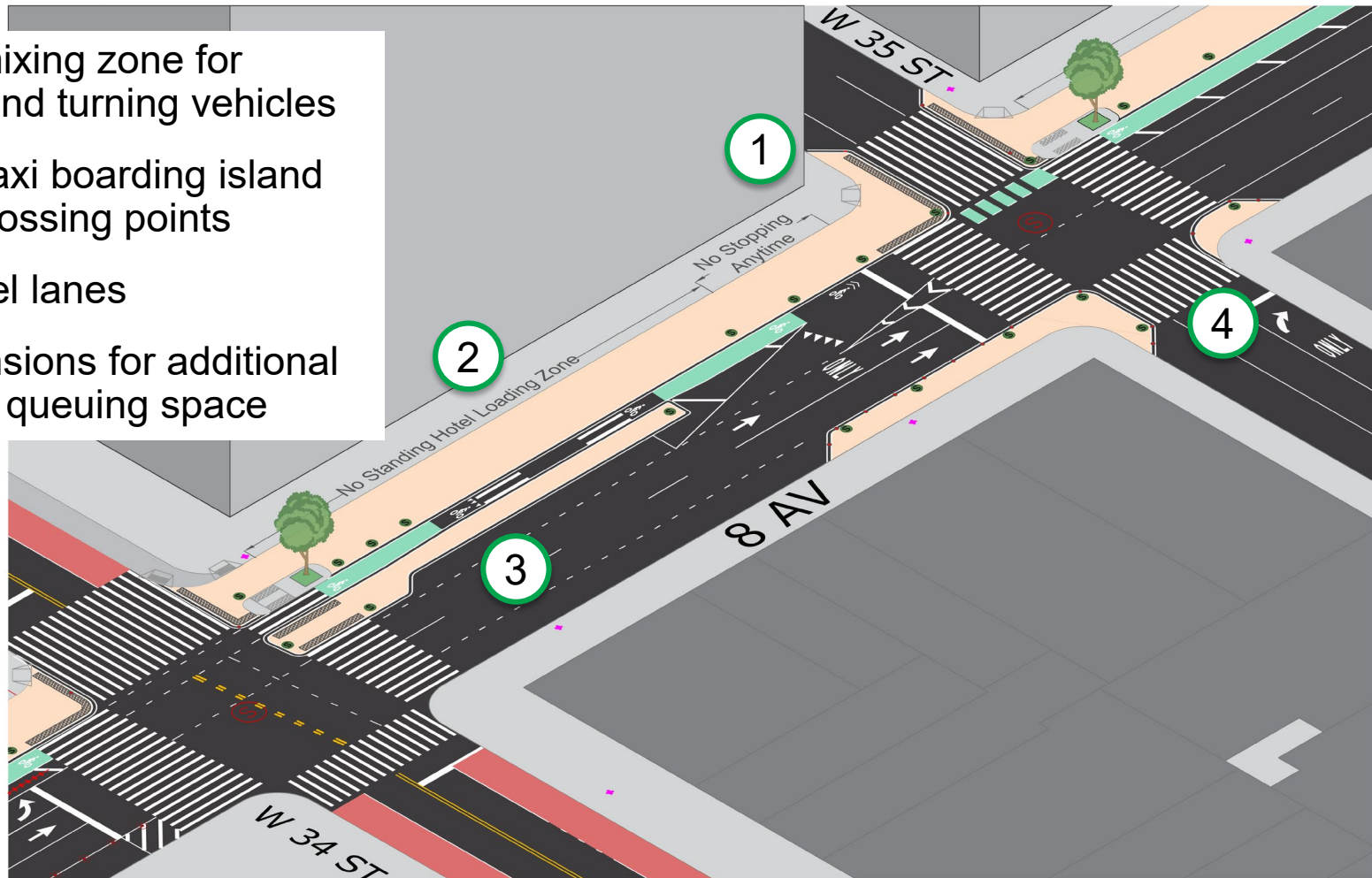
36th

37th

38th

Proposed

- 1 Maintain mixing zone for bicyclists and turning vehicles
- 2 Widened taxi boarding island with two crossing points
- 3 2 thru travel lanes
- 4 Curb extensions for additional pedestrian queuing space



8th Ave – 35th St to 36th St

8TH AVENUE

Existing

31st

32nd

33rd

34th

35th

36th

37th

38th



- ① Overcrowded sidewalk
- ② Limited queuing for pedestrians space at corners
- ③ 4 thru travel lanes



8th Ave – 35th St to 36th St

8TH AVENUE

Proposed

31st

32nd

33rd

34th

35th

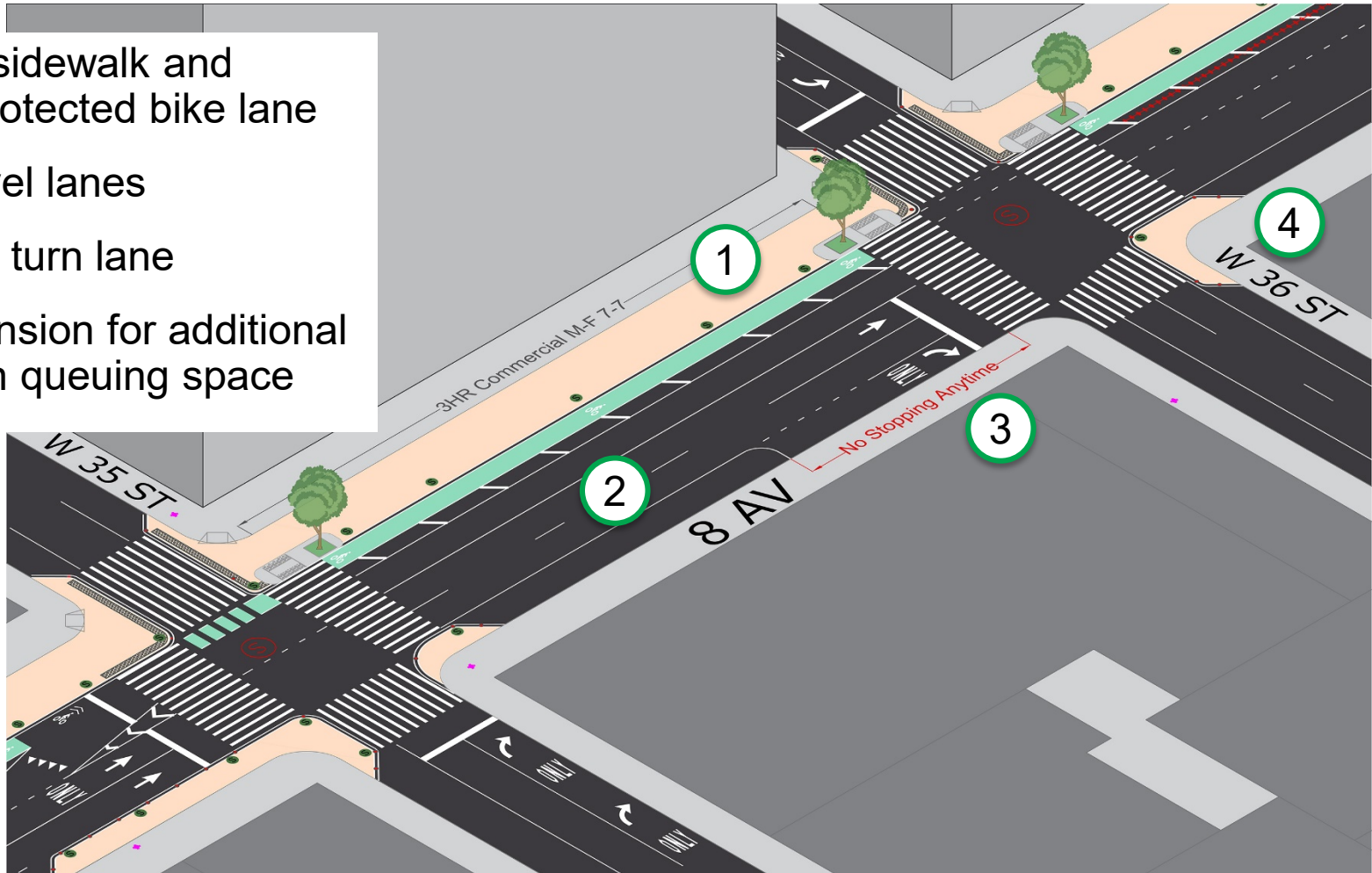


36th

37th

38th

- 1 Widened sidewalk and parking protected bike lane
- 2 2 thru travel lanes
- 3 New, right turn lane
- 4 Curb extension for additional pedestrian queuing space



8th Ave – 36th St to 37th St

8TH AVENUE

Existing

31st

32nd

33rd

34th

35th

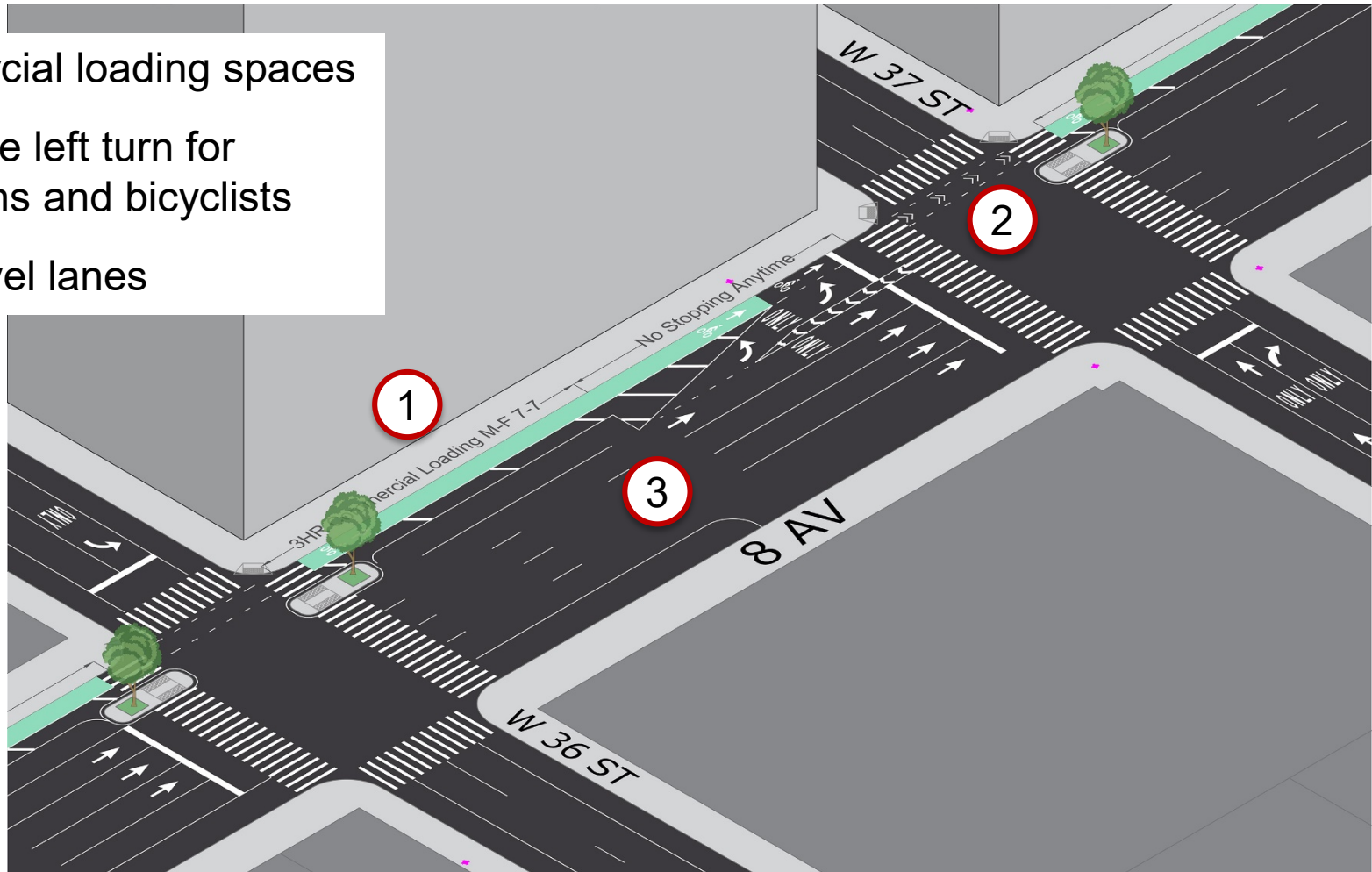
36th

37th

38th



- ① 4 commercial loading spaces
- ② Split phase left turn for pedestrians and bicyclists
- ③ 4 thru travel lanes



8th Ave – 36th St to 37th St

8TH AVENUE

Proposed

31st

32nd

33rd

34th

35th

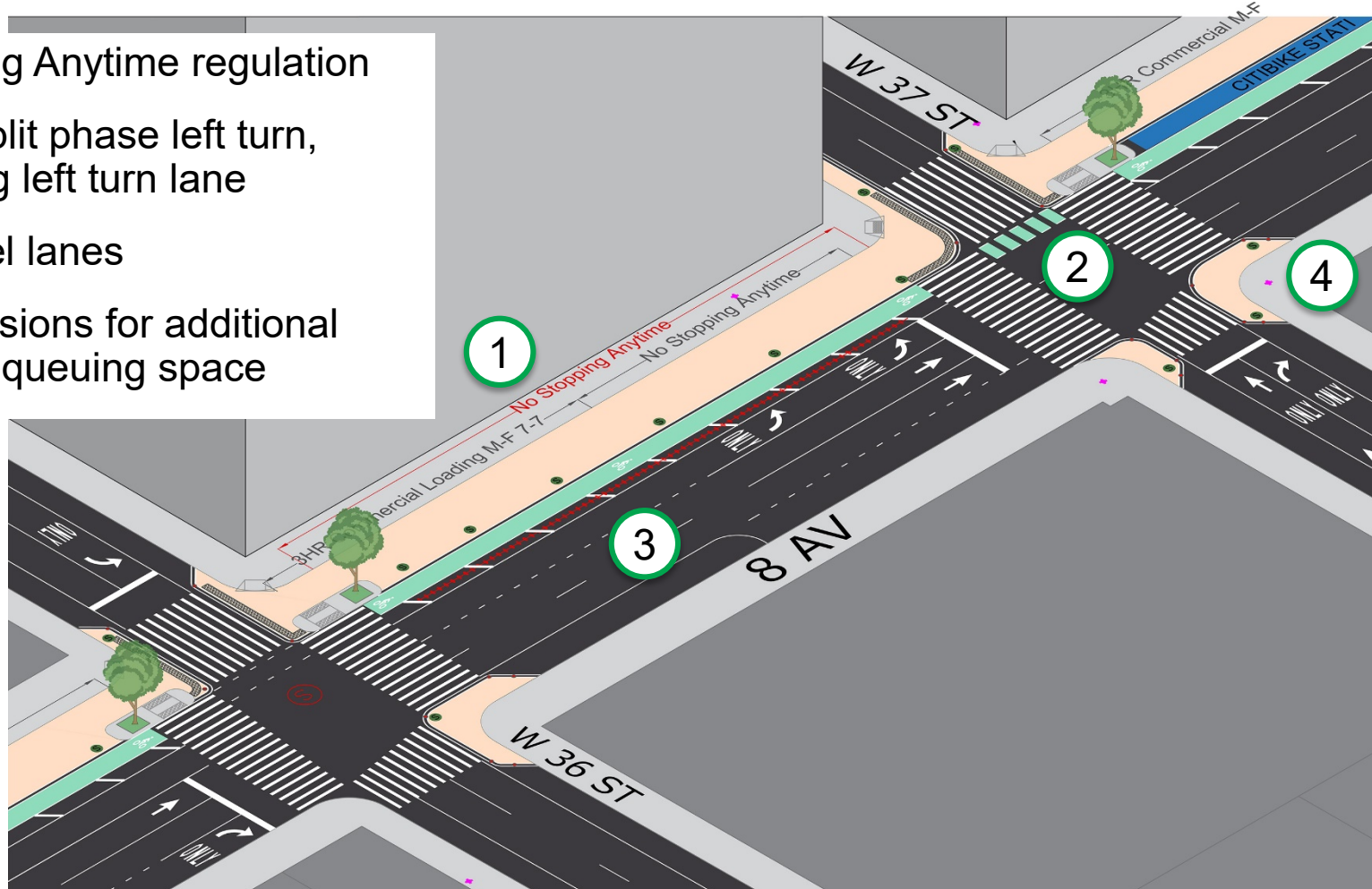
36th

37th

38th



- ① No Stopping Anytime regulation
- ② Maintain split phase left turn, lengthening left turn lane
- ③ 2 thru travel lanes
- ④ Curb extensions for additional pedestrian queuing space



8th Ave – 37th St to 38th St

8TH AVENUE

Existing

31st

32nd

33rd

34th

35th

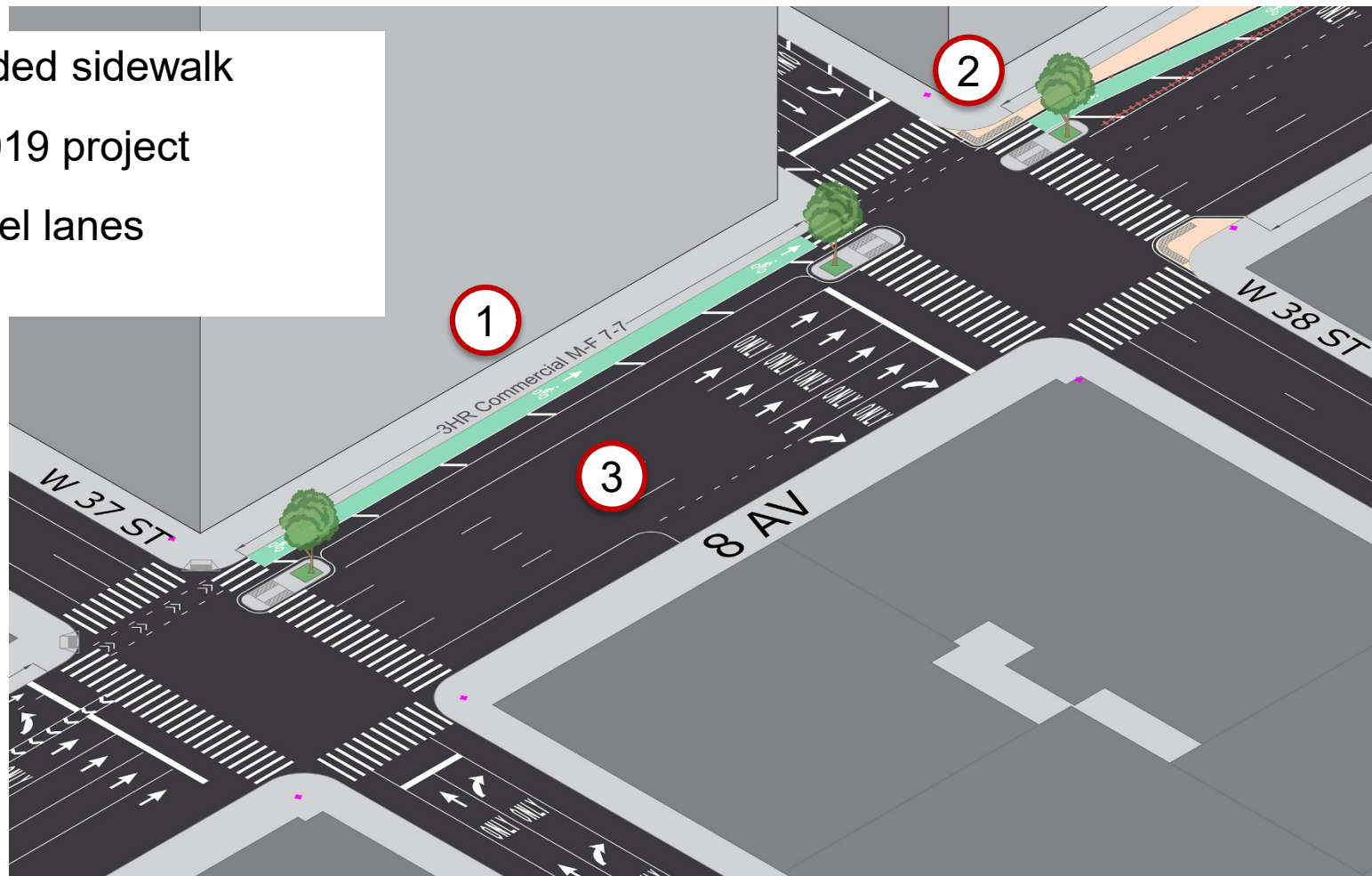
36th

37th

38th



- 1 Overcrowded sidewalk
- 2 Start of 2019 project
- 3 4 thru travel lanes



8th Ave – 37th St to 38th St

8TH AVENUE

Proposed

31st

32nd

33rd

34th

35th

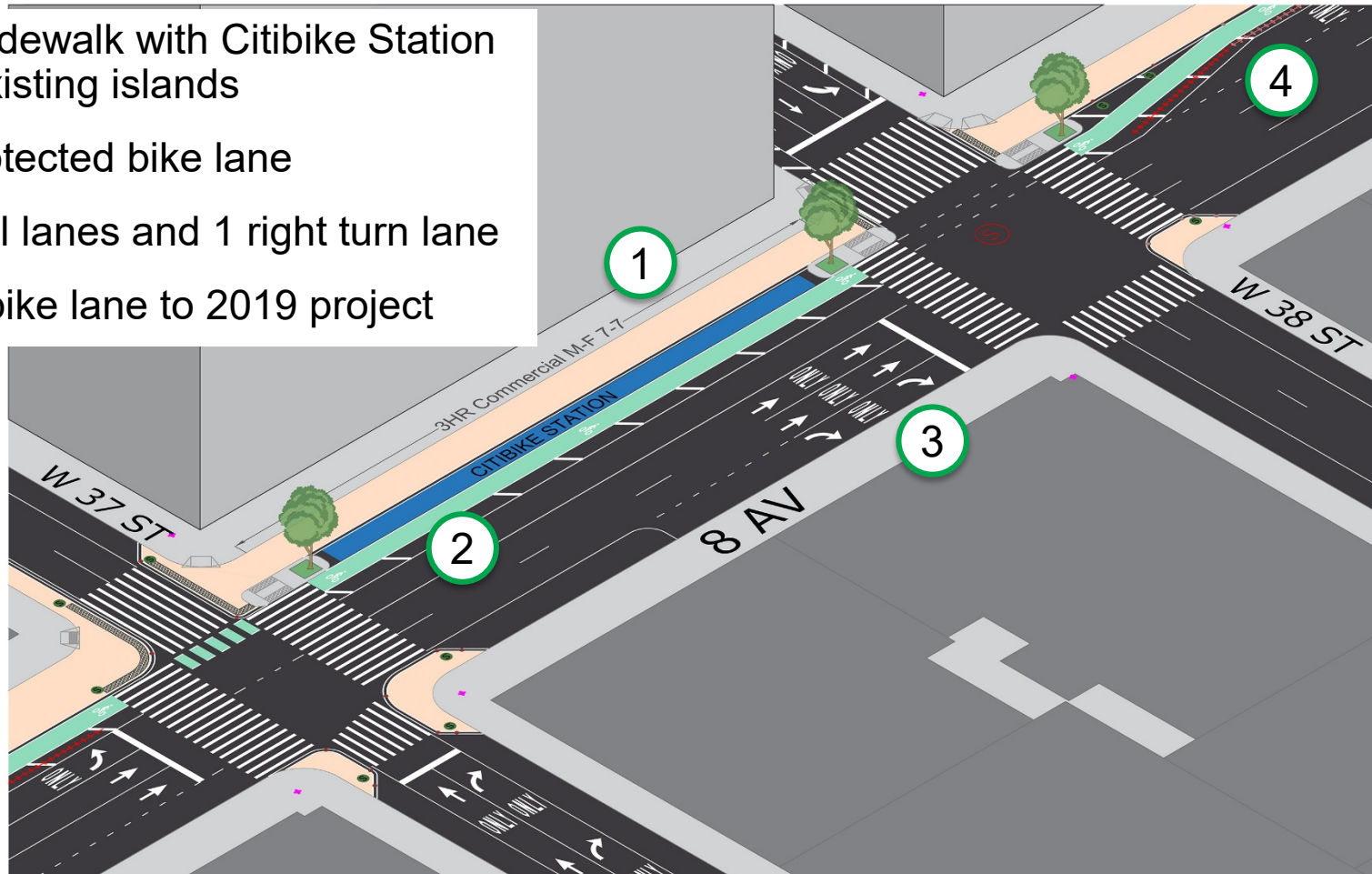
36th

37th

38th

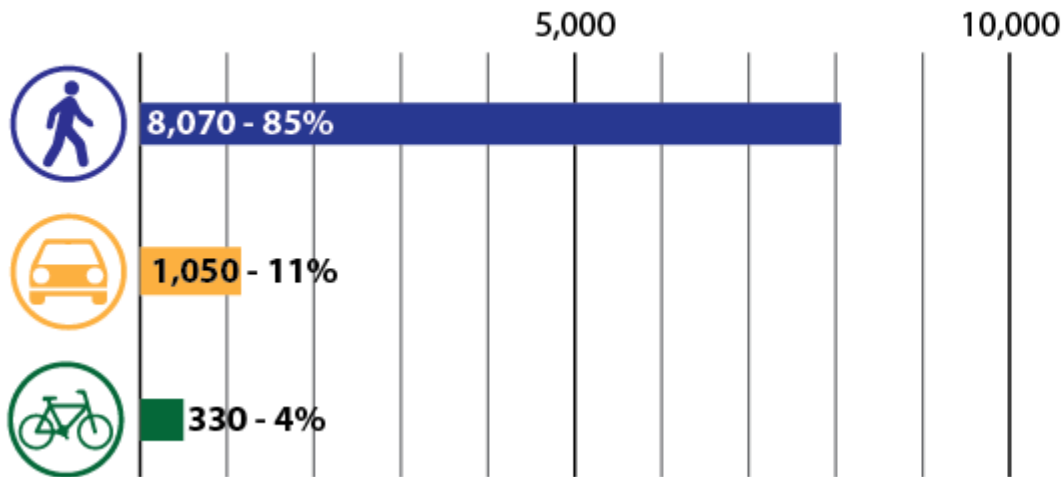


- ① Widened sidewalk with Citibike Station between existing islands
- ② Parking protected bike lane
- ③ 2 thru travel lanes and 1 right turn lane
- ④ Transition bike lane to 2019 project

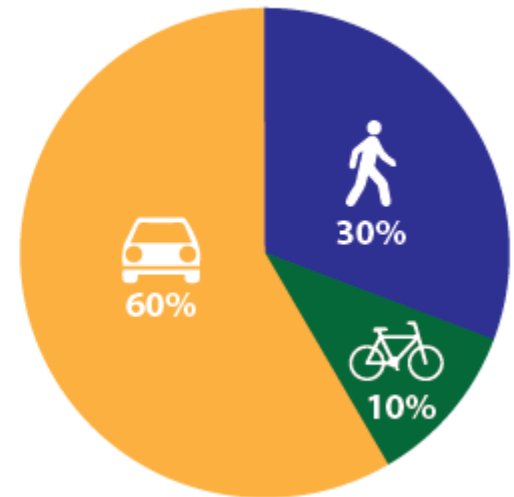


Volume and Space Comparison

8th Avenue Modeshare (PM Peak Hour)

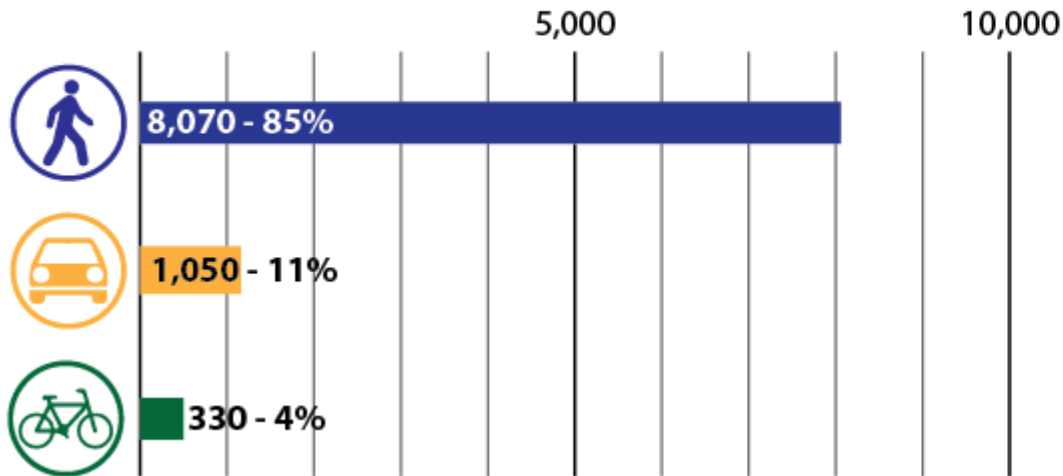


Existing 8th Avenue Roadshare

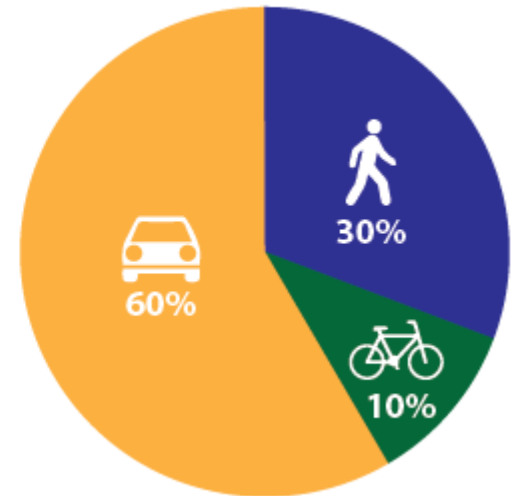


Volume and Space Comparison

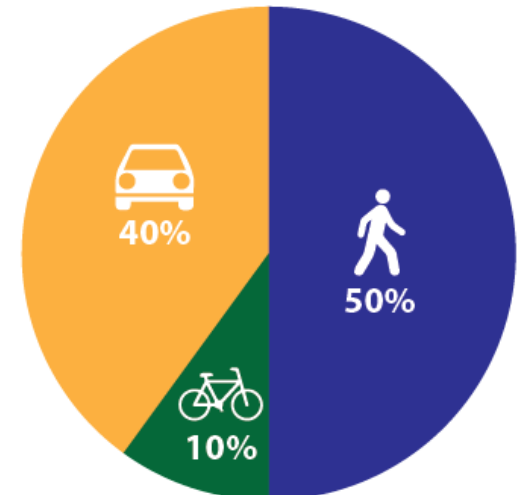
8th Avenue Modeshare (PM Peak Hour)



Existing 8th Avenue Roadshare



Proposed 8th Avenue Roadshare



- Increased sidewalk space (20%)
- Clear bike lane
- Separated vehicular turning movements

Project Summary

- Add painted sidewalk extension (10'-20') on the west side between 31st St and 38th St
- Add split phase left turns at 33rd St, 34th St, and 37th St
- Widen taxi boarding island at New Yorker Hotel
- Add 5 painted curb extensions on the east side of 8th Ave
- Add bike corrals throughout project limits



Before 2019 Project (8th Ave north of 38th St)



After 2019 Project (8th Ave north of 38th St)

Thank You!



NYC DOT



NYC DOT



nyc_dot



NYC DOT