



SOUTHERN BLVD

Traffic Calming and Protected Bike Lanes

Presented by NYC DOT Bicycle and Greenways Program
To Bronx Community Board 7 on February 7, 2019



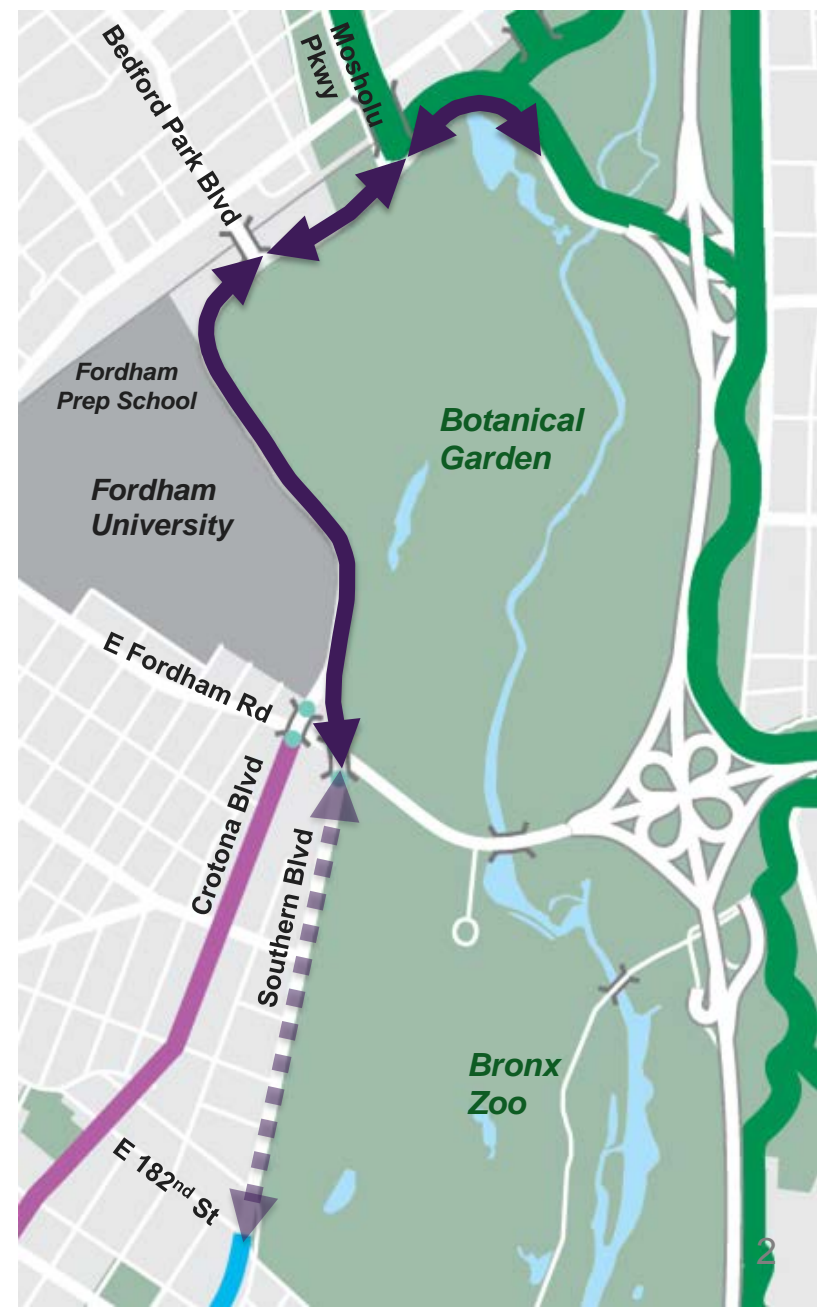
Proposal Overview

Southern Blvd Corridor:

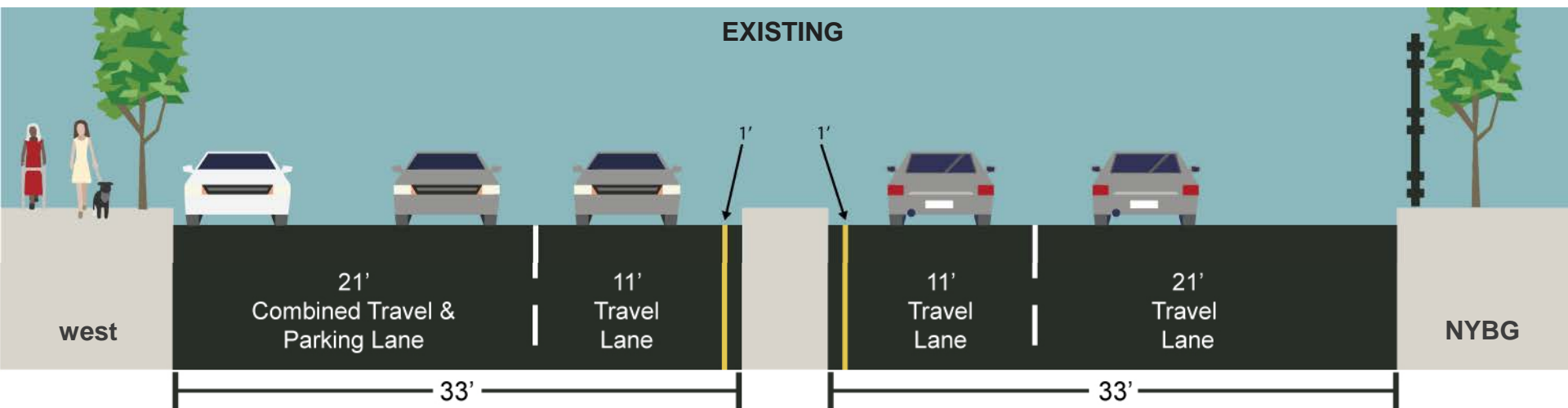
- E Fordham Rd to Bedford Park Blvd
- Bedford Park Blvd to Mosholu Pkwy
- East of Mosholu Pkwy

Intersections:

- Bedford Park Blvd
- Metro North/NYBG Entrance
- Mosholu Pkwy

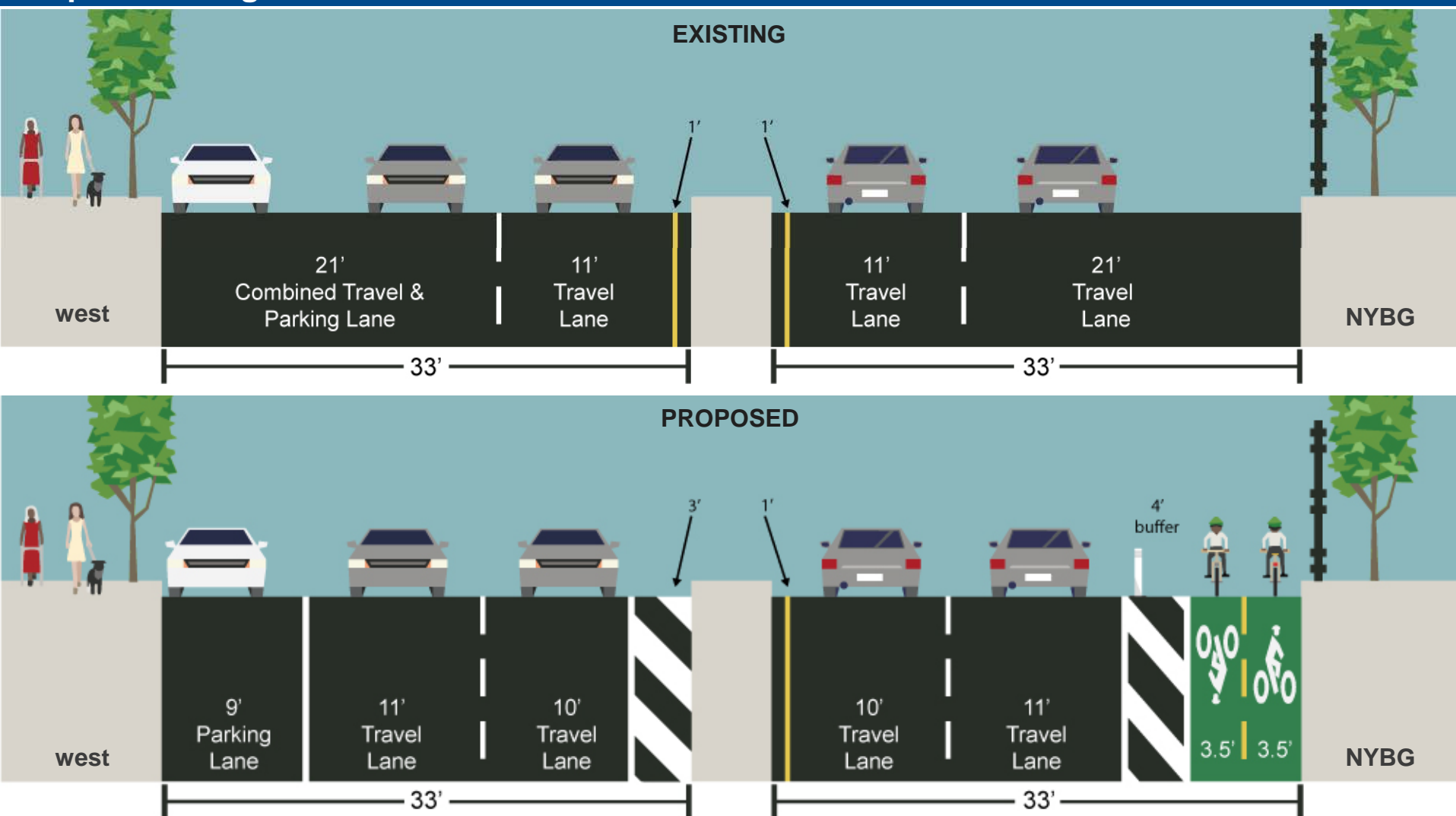


Existing Conditions/Issues



- Excess width on the northbound side **encourages speeding and reckless driving**
- Large institutions disrupt street grid making this is **key connection** for all users
- **No bike connection** to existing network

Proposed Design



Two-way Delineator Protected Bike Lane

- **Narrower northbound roadway** discourages speeding, shortens pedestrian crossings
- **Two-way protected bike lane** creates dedicated space for cyclists, discourages wrong-way and sidewalk riding, reduces pedestrian conflicts

Proposed Design Elements



Kent Ave, BK

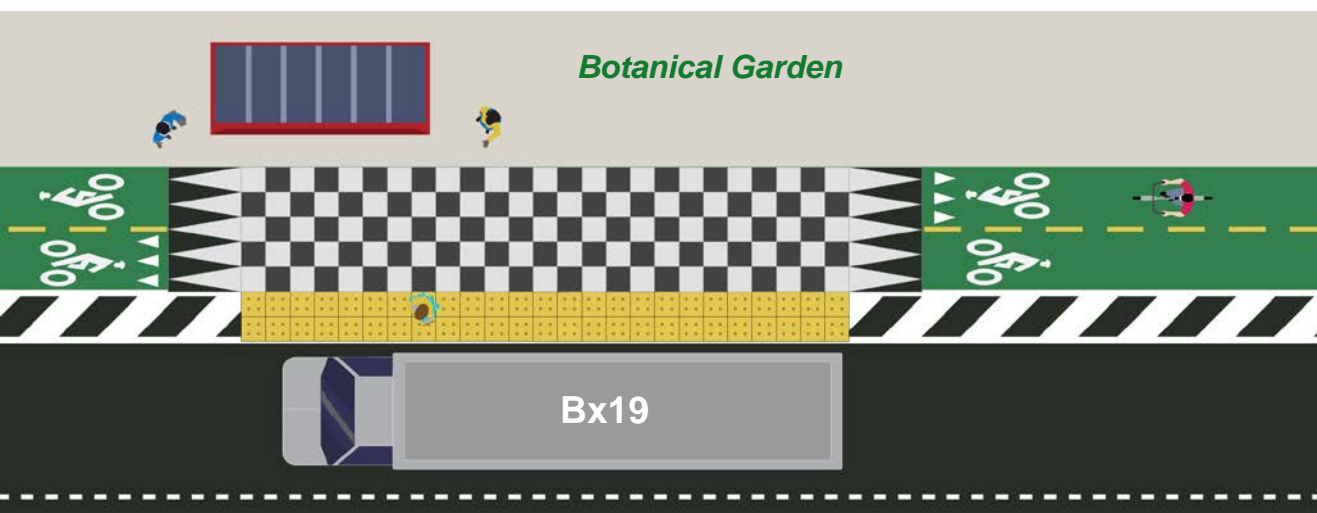
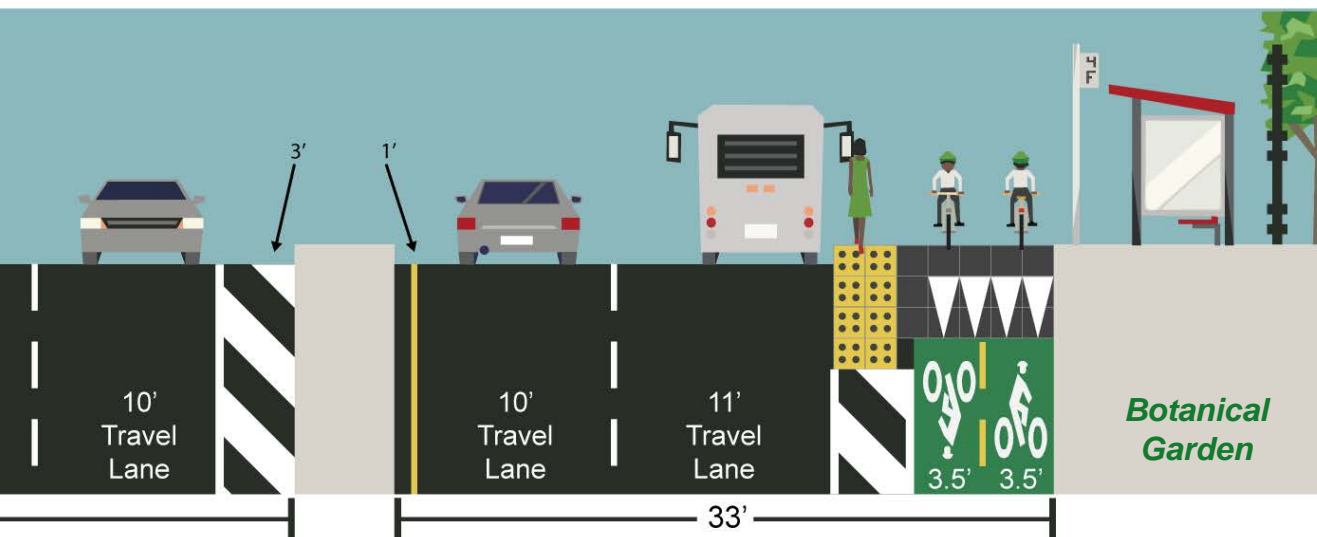
Delineators



Tuff Curb



Proposed Design: Bus Stops



- Improve bus operations by allowing **faster pickup and drop off**, buses do not need to maneuver to/from curve
- Provide **clear indication of bus stop** for cyclists, **ramps reduce cyclists speeds**

Proposed Design Elements: Bus Boarding Islands



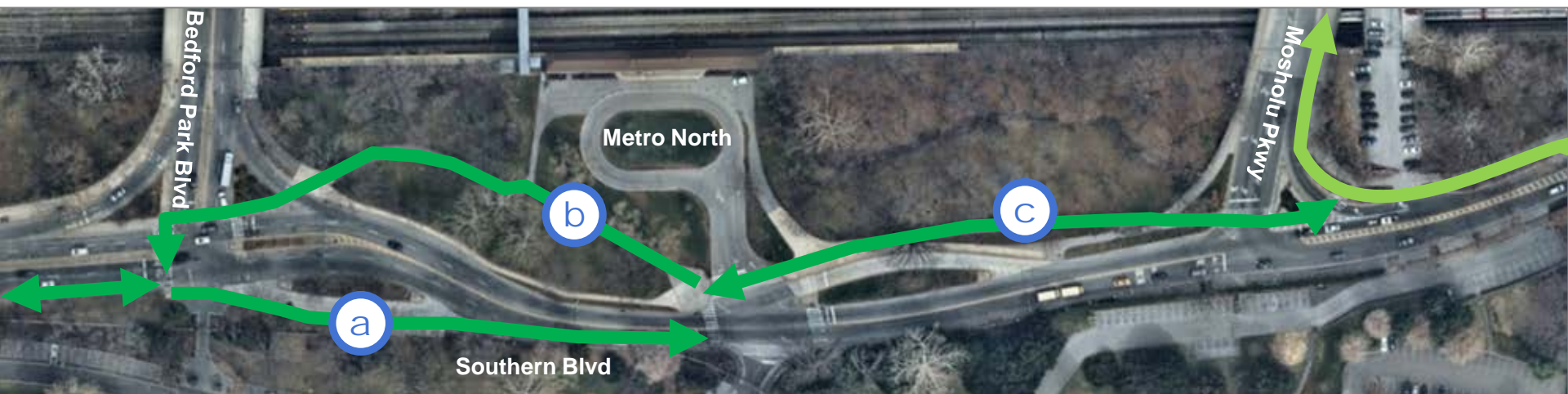
Proposed Design

Bike Connection to Mosholu-Pelham and Bronx River Greenways

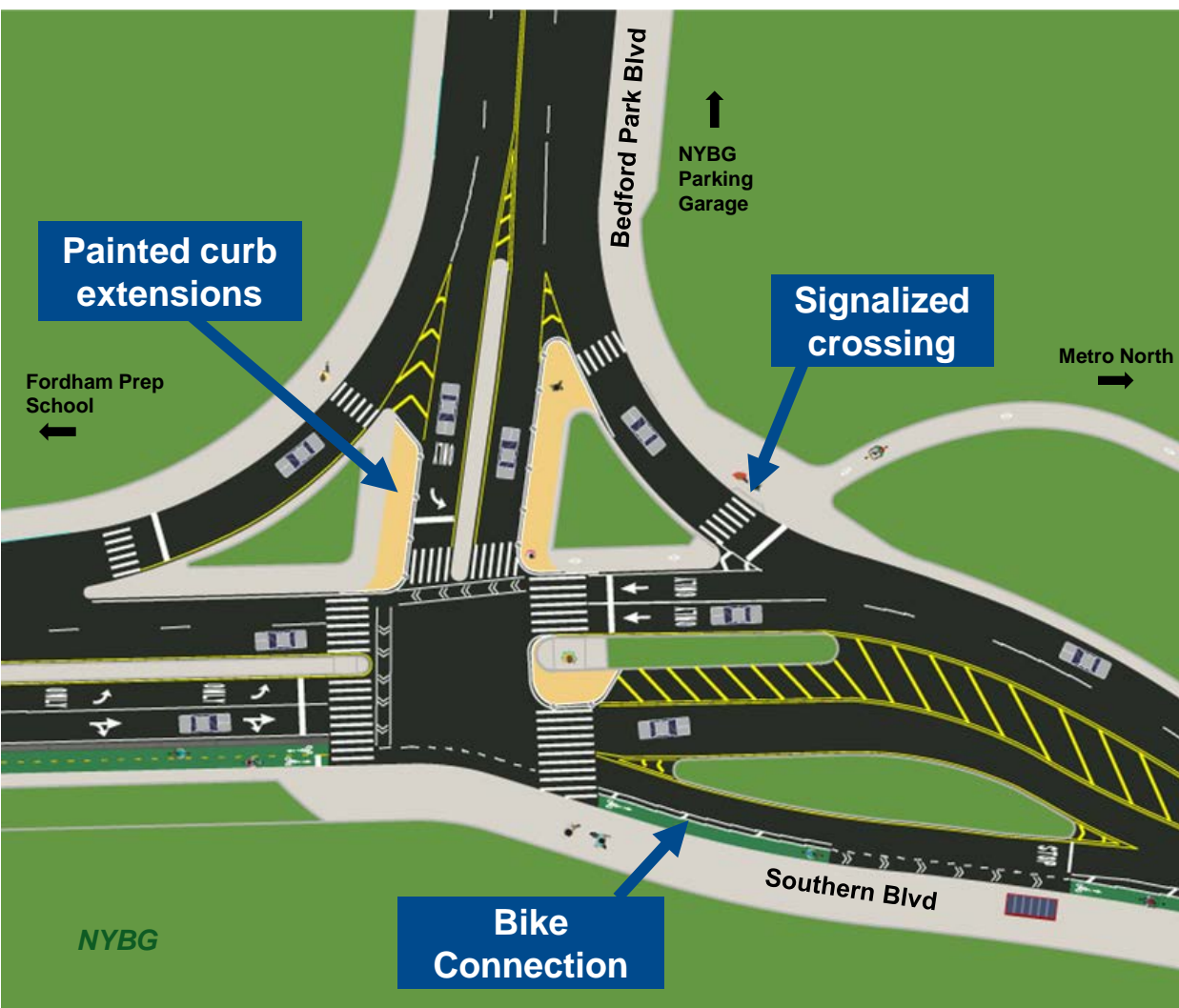
a Install **eastbound curbside bike lane** from Bedford Park to NYBG entrance

b Install **westbound bike stamps** on path from Metro North to Bedford Park Blvd

c Install **bike stamps for both directions** from Metro North to Mosholu Parkway

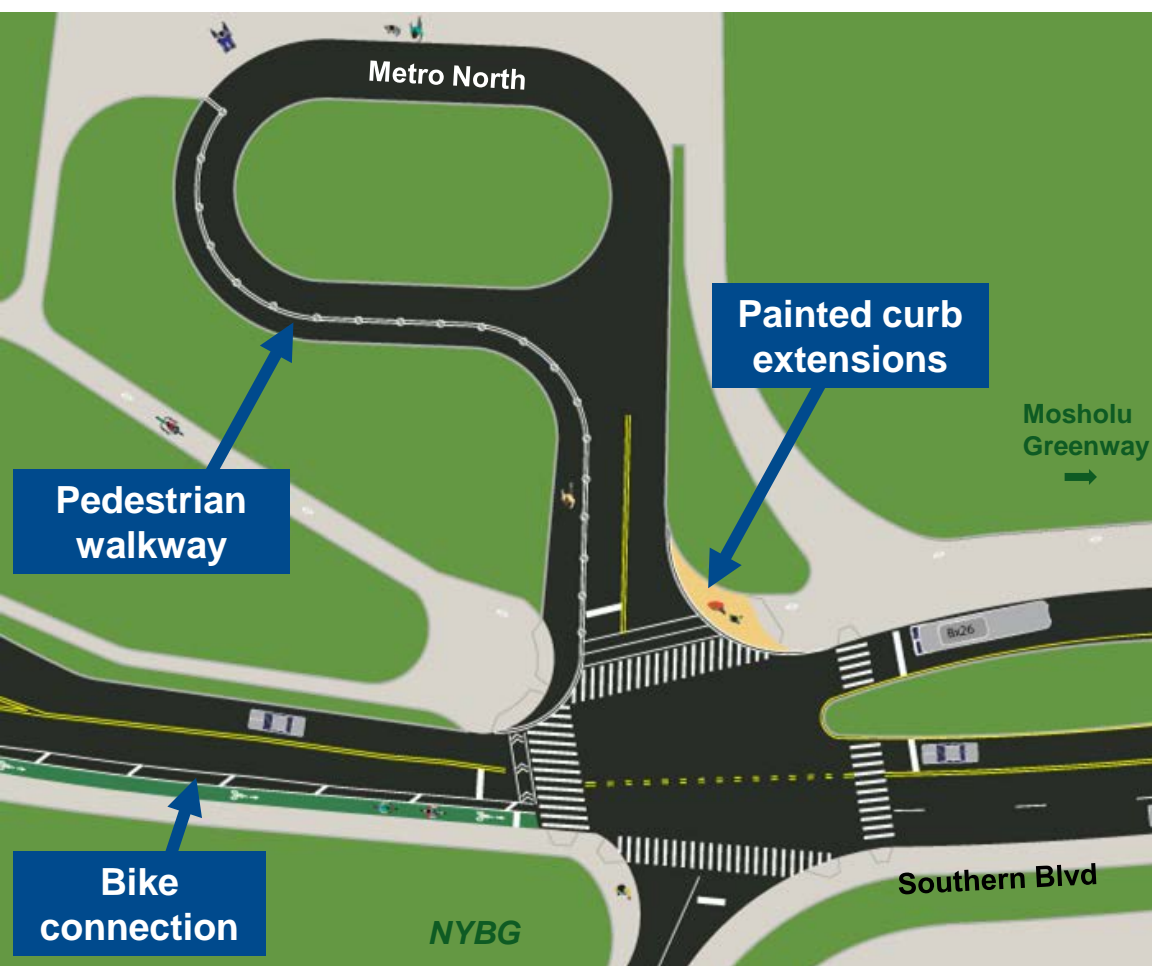


Proposed Design: Bedford Park Blvd



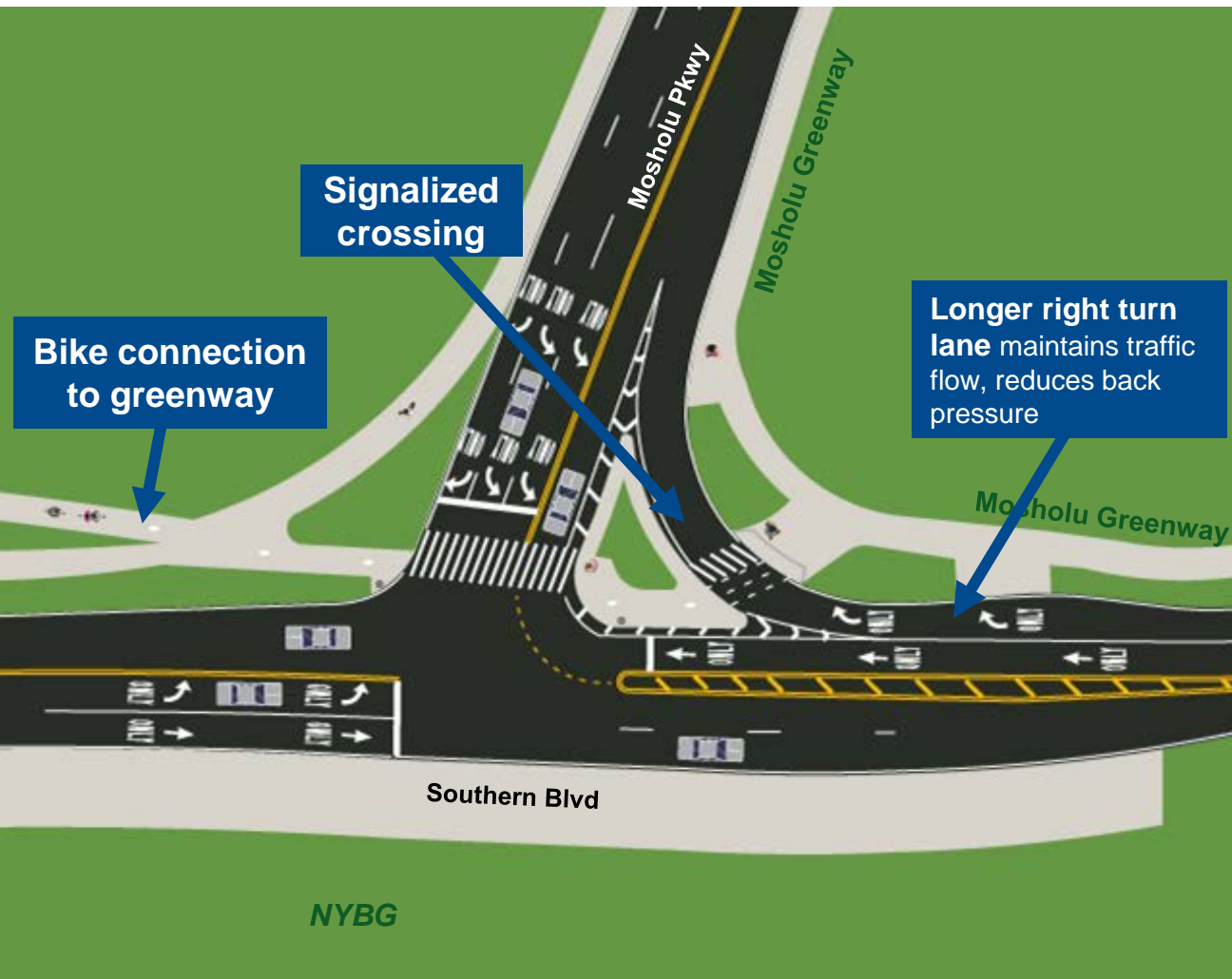
- Creates safe, direct route for pedestrians
- Extends new bike facility

Proposed Design: Metro North/NYBG Entrance



- Provides direct route for pedestrians at desire line
- Shortens crossing distance
- Extends new bike facility to NYBG entrance

Proposed Design: Mosholu Pkwy



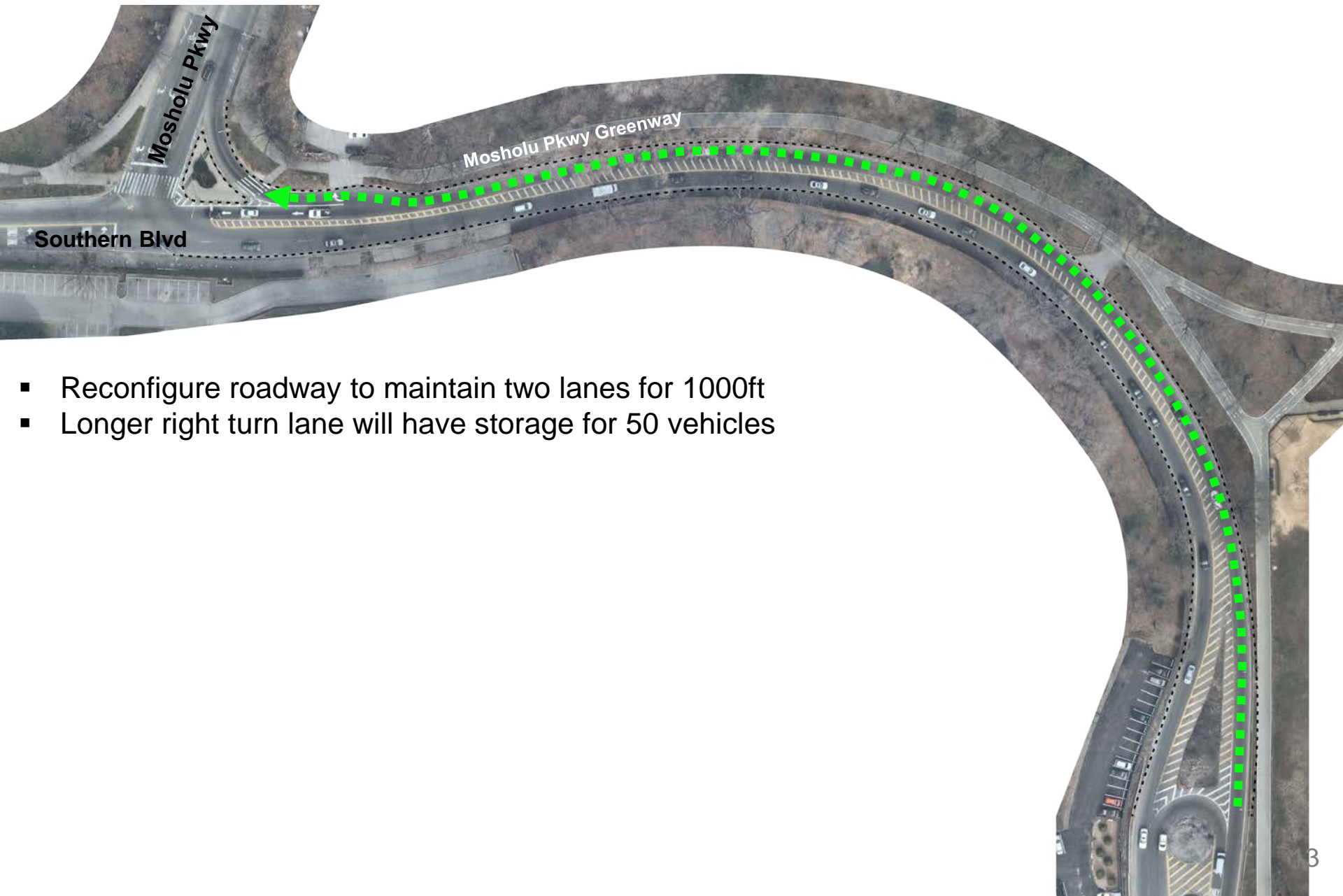
- Connects new bike facility to Mosholu and Bronx River greenways
- Signalizes slip lane and extend vehicular storage

Existing Conditions



- Heavy Right Turn; Through vehicles block vehicles turning right
- Existing Right Turn lane (90 ft) has storage for 4 vehicles

Proposed Design Elements



- Reconfigure roadway to maintain two lanes for 1000ft
- Longer right turn lane will have storage for 50 vehicles

Increased Safety:

- Calms traffic
- Shortens crossings
- Provides dedicated space for cyclists

Protected bike lanes benefit all street users:

Crashes with Injuries

Down 15%

Pedestrian Injuries

Down 21%

Motor Vehicle Occupant Injuries

Down 15%

Southern Blvd, E Fordham Rd to Mosholu Pkwy

Injury Summary, 2012-2016 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	8	1	1	2
Bicyclists	2	0	1	1
Motor Vehicle Occupant	255	7	0	7
Total	265	8	2	10

Fatalities, 01/01/2012 – 12/31/2018: 2

Source: Fatalities: NYCDOT. Injuries: NYSDOT. KSI: Persons Killed or Severely Injured



Project Benefits

Creates New Neighborhood Amenity

- Access to greenway system for west Bronx
- Provides **comfortable** space for cyclists of varied ages and experience levels
- Encourages **physical activity** – recreational bike rides, walking, jogging



Questions?

THANK YOU!



NYC DOT



NYC DOT



nyc_dot



NYC DOT

© NYC DOT