



South End Avenue & West Thames Street Streetscape Design Services

Community Board Presentation



South End Avenue Site Context



Purpose: Address pedestrian and cyclist safety concerns

South End Avenue Recommendations

South Section
West Thames Street

Central Section
Rector Place & Albany Street

North Section
Liberty Street



South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations




Field Observations

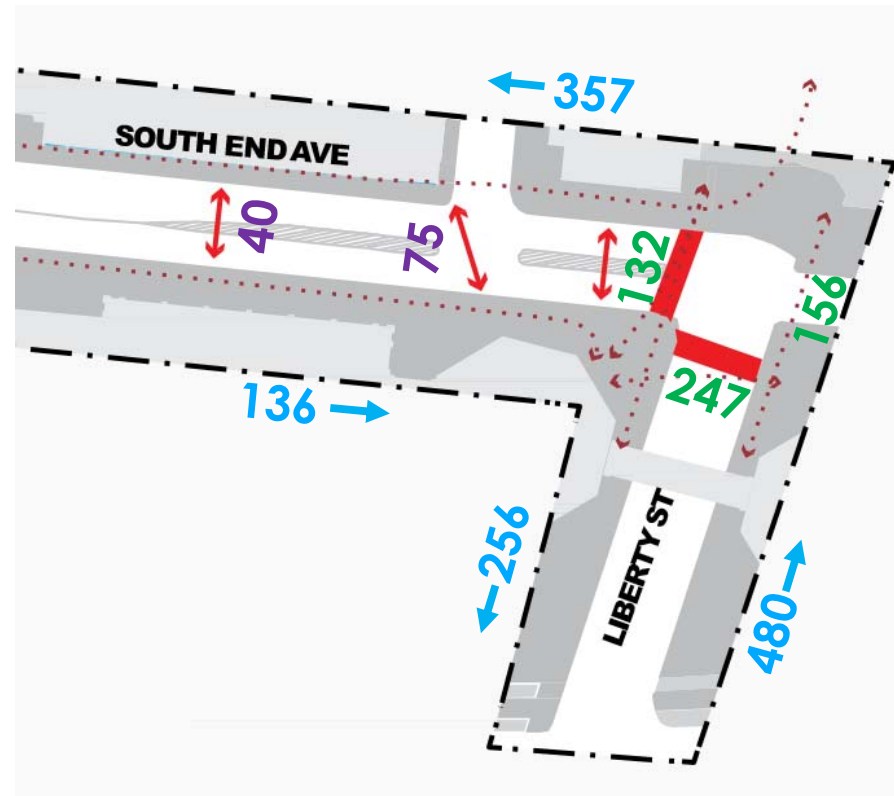
- Frequent jaywalking noted at Gateway Garage Entrance
- Queuing at Gateway Garage entrance
- Delivery trucks parked illegally
- Not enough room on sidewalks for pedestrians



South End Avenue Recommendations

Travel Activity – June 7, 2018 from 8:00AM-9:00AM (AM Peak Hour)

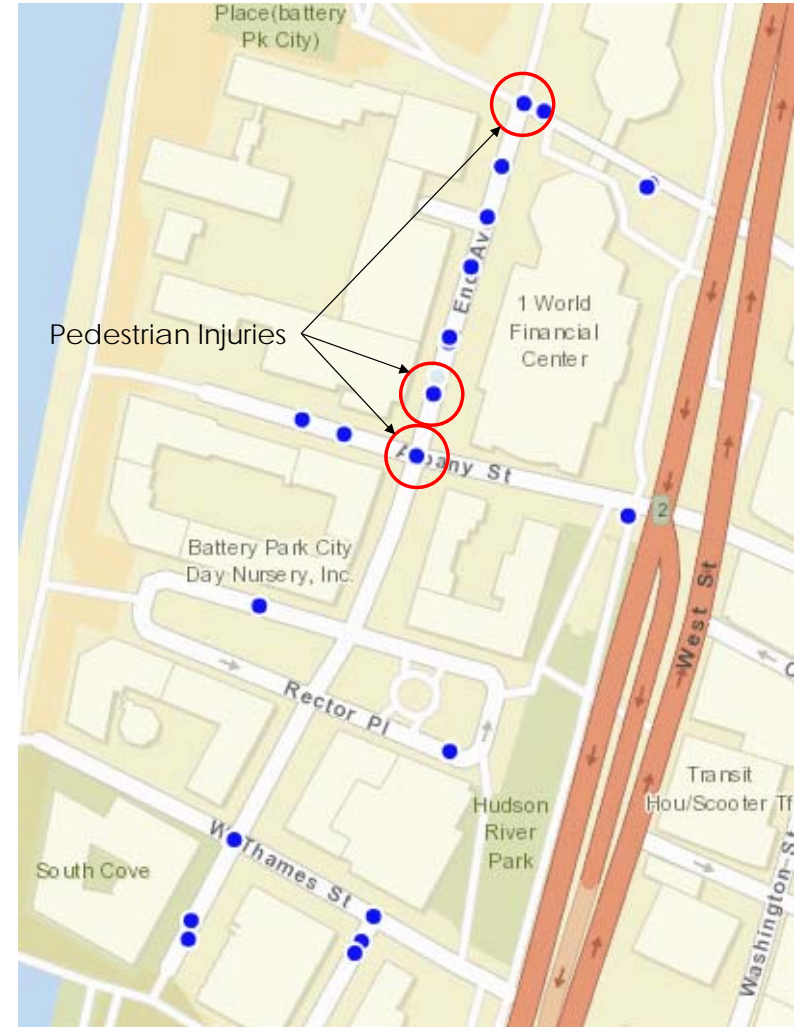
Legend	
	Jaywalking Path
	Circulation
	Existing Crosswalk
132	Total Pedestrian Count (at crosswalk)
75	Total Pedestrian Count (jaywalking)
480	Vehicle Count



South End Avenue Recommendations

NYCDOT Crash Statistics

- 83 total crashes along South End Avenue corridor over the past 3 years
- 66 crashes (80%) between Liberty Street and Albany Street, including all 3 involving pedestrian injuries
- Large cluster at Gateway Garage entrance

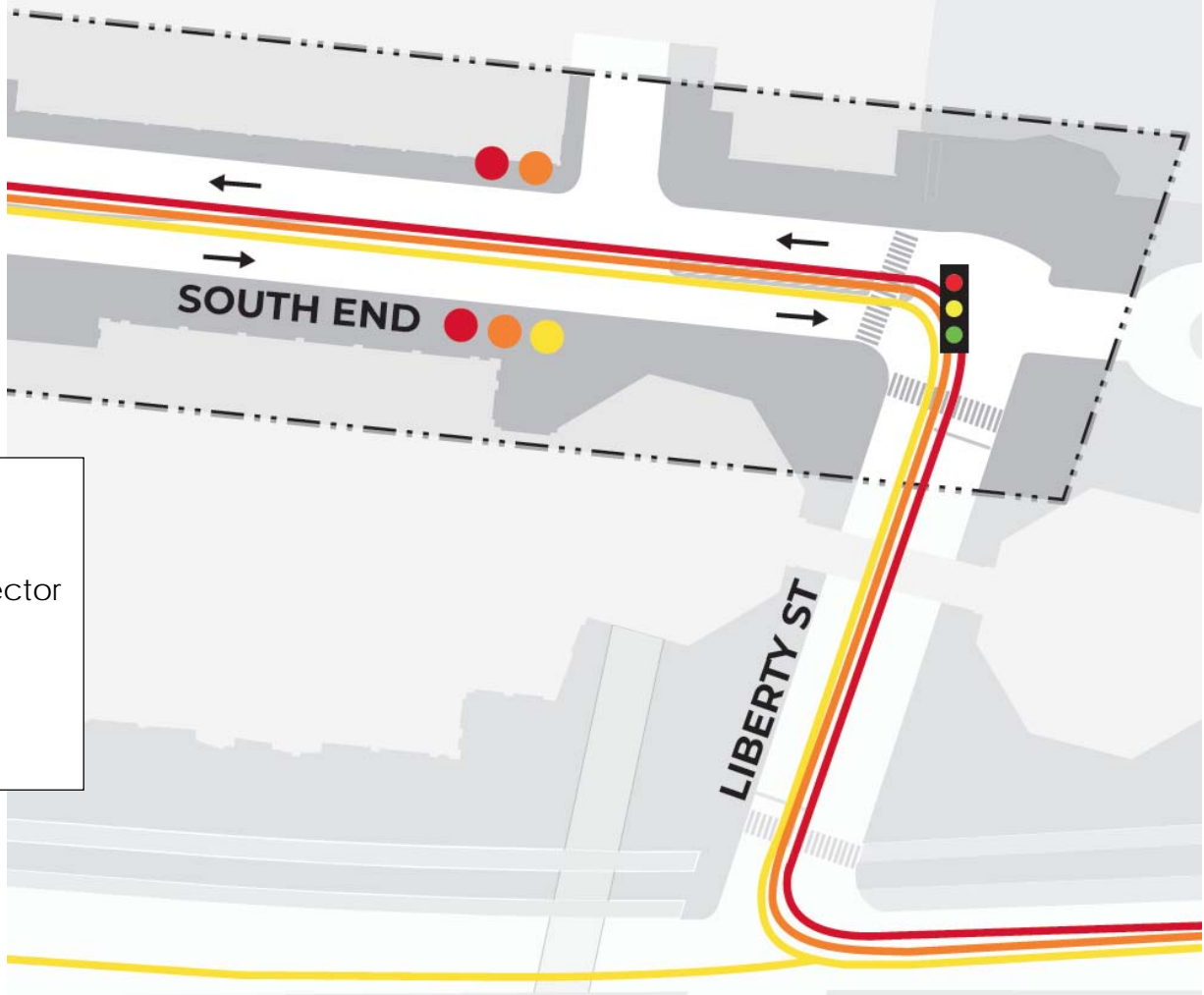


Source: NYC Open Data

South End Avenue Recommendations

South End Avenue Recommendations

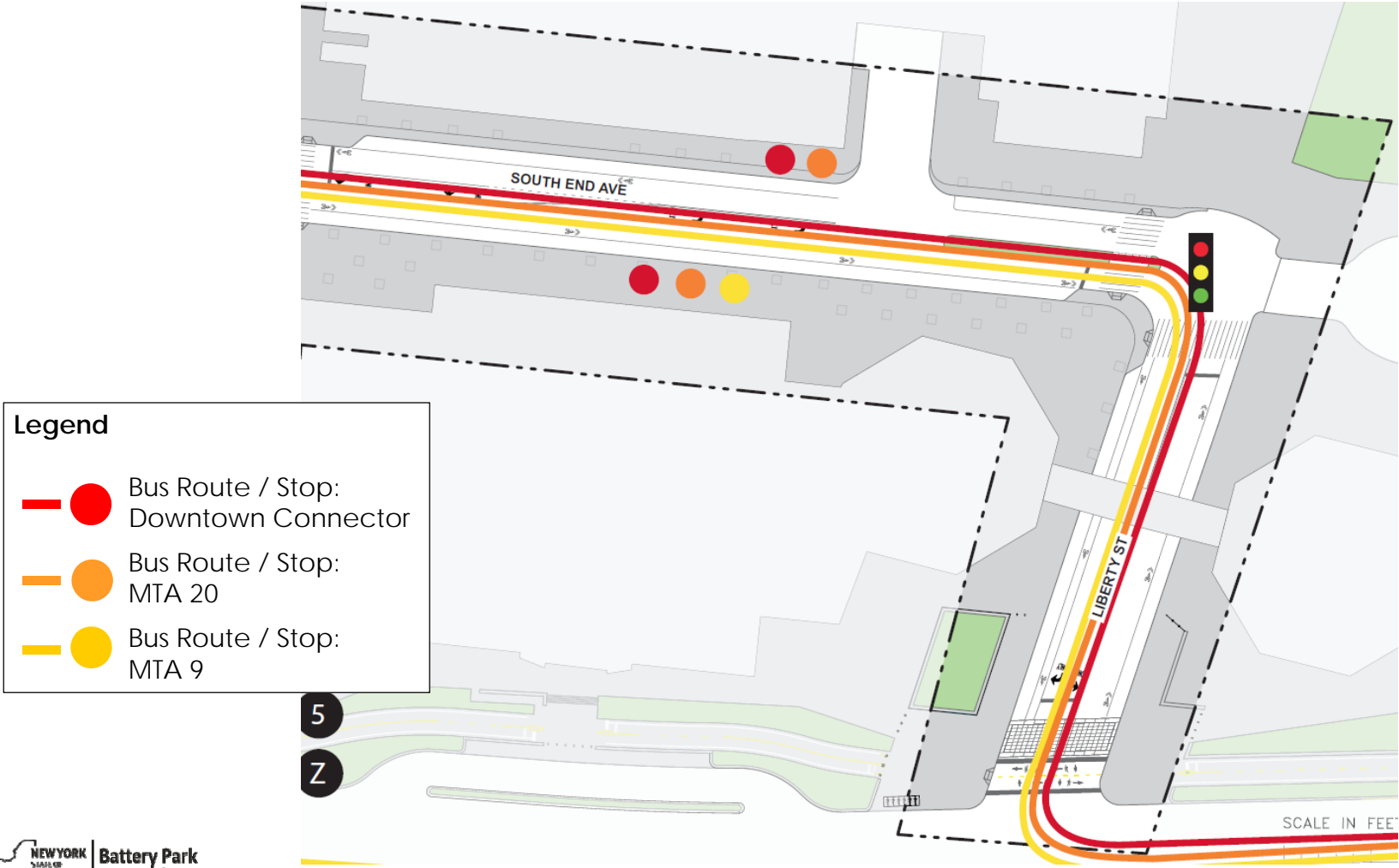
Transit – Existing



Legend

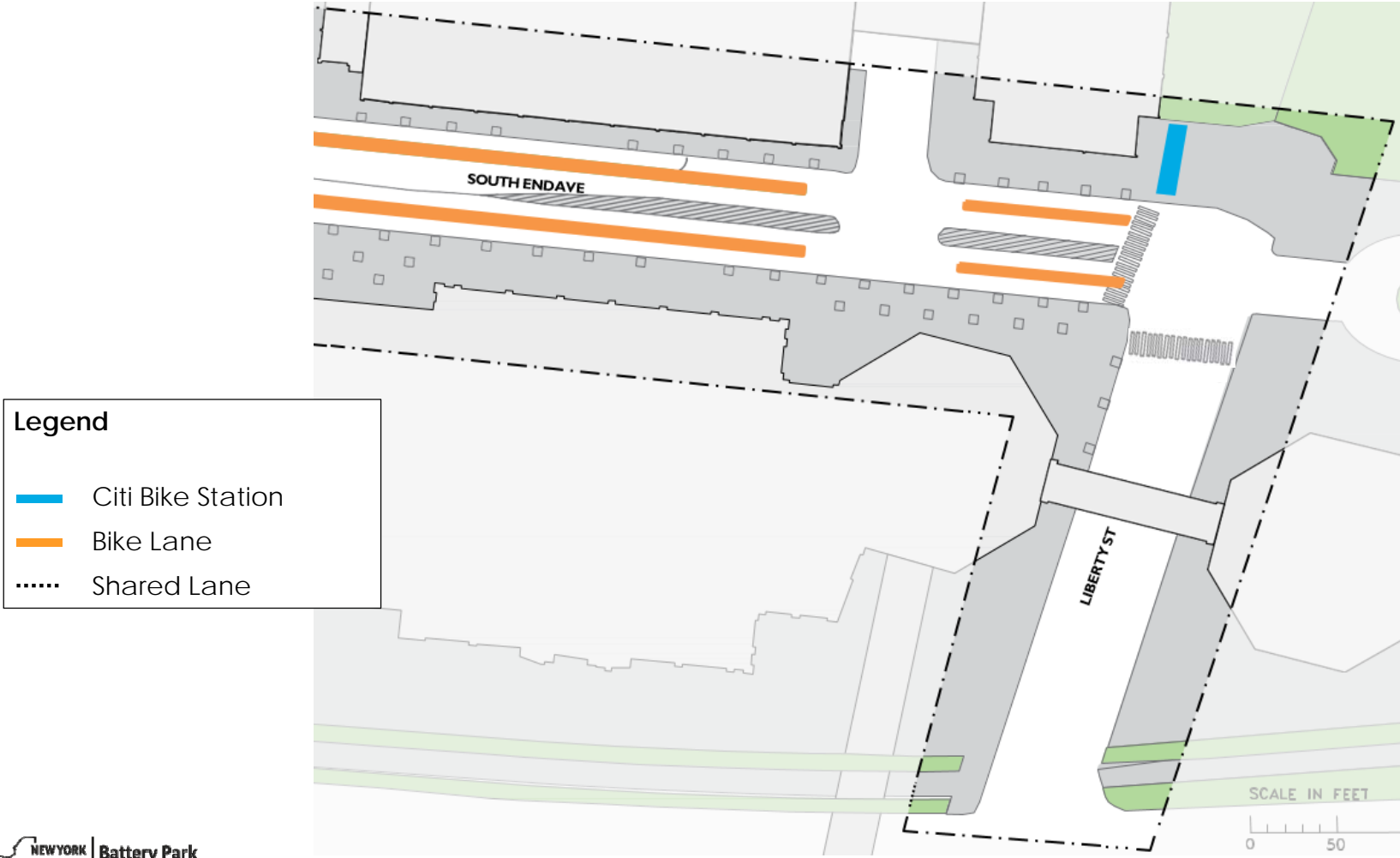
- Bus Route / Stop: Downtown Connector
- Bus Route / Stop: MTA 20
- Bus Route / Stop: MTA 9

South End Avenue Recommendations Transit – Proposed (No Change)



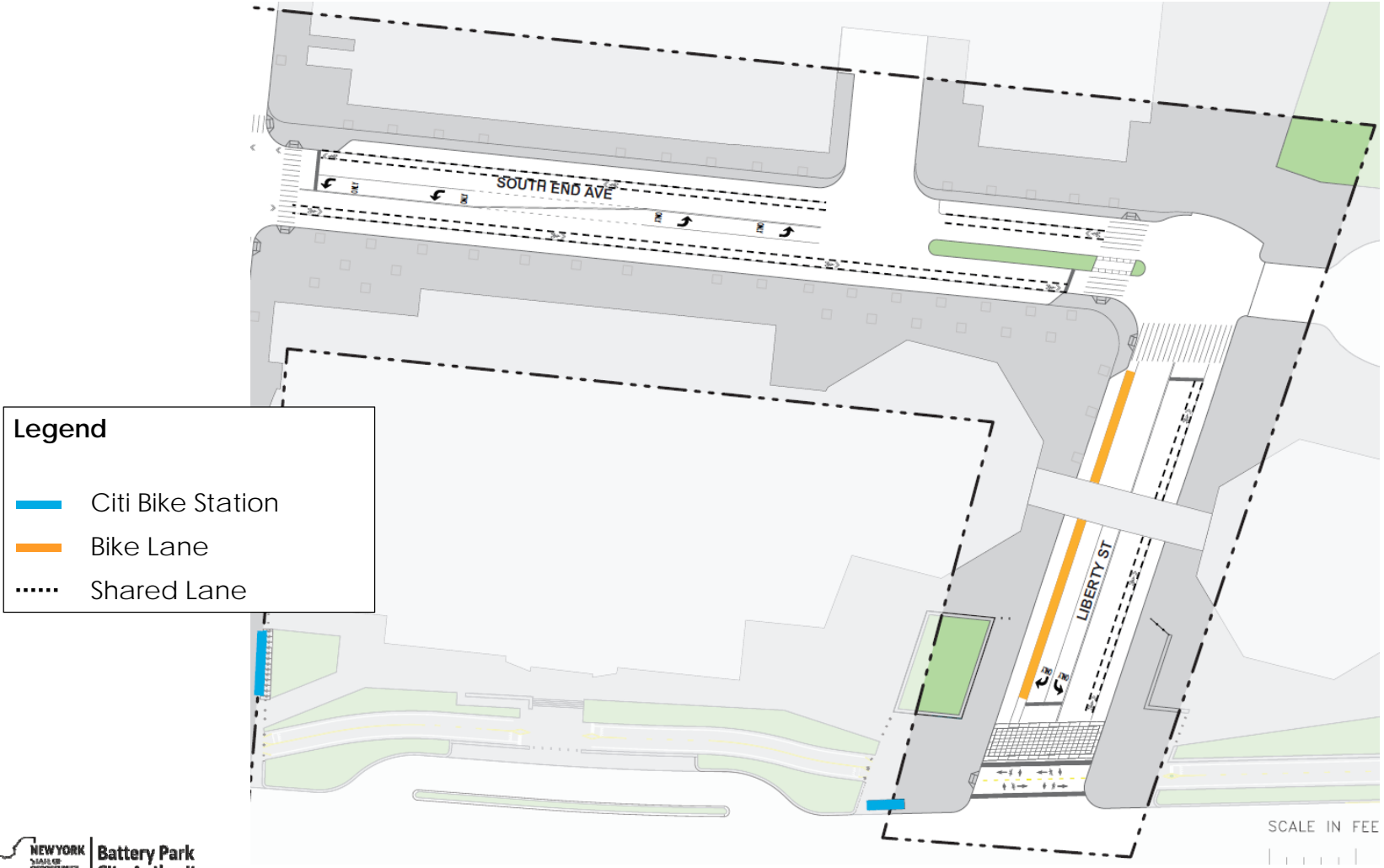
South End Avenue Recommendations

Bike Network - Existing



South End Avenue Recommendations

Bike Network - Proposed



South End Avenue Recommendations

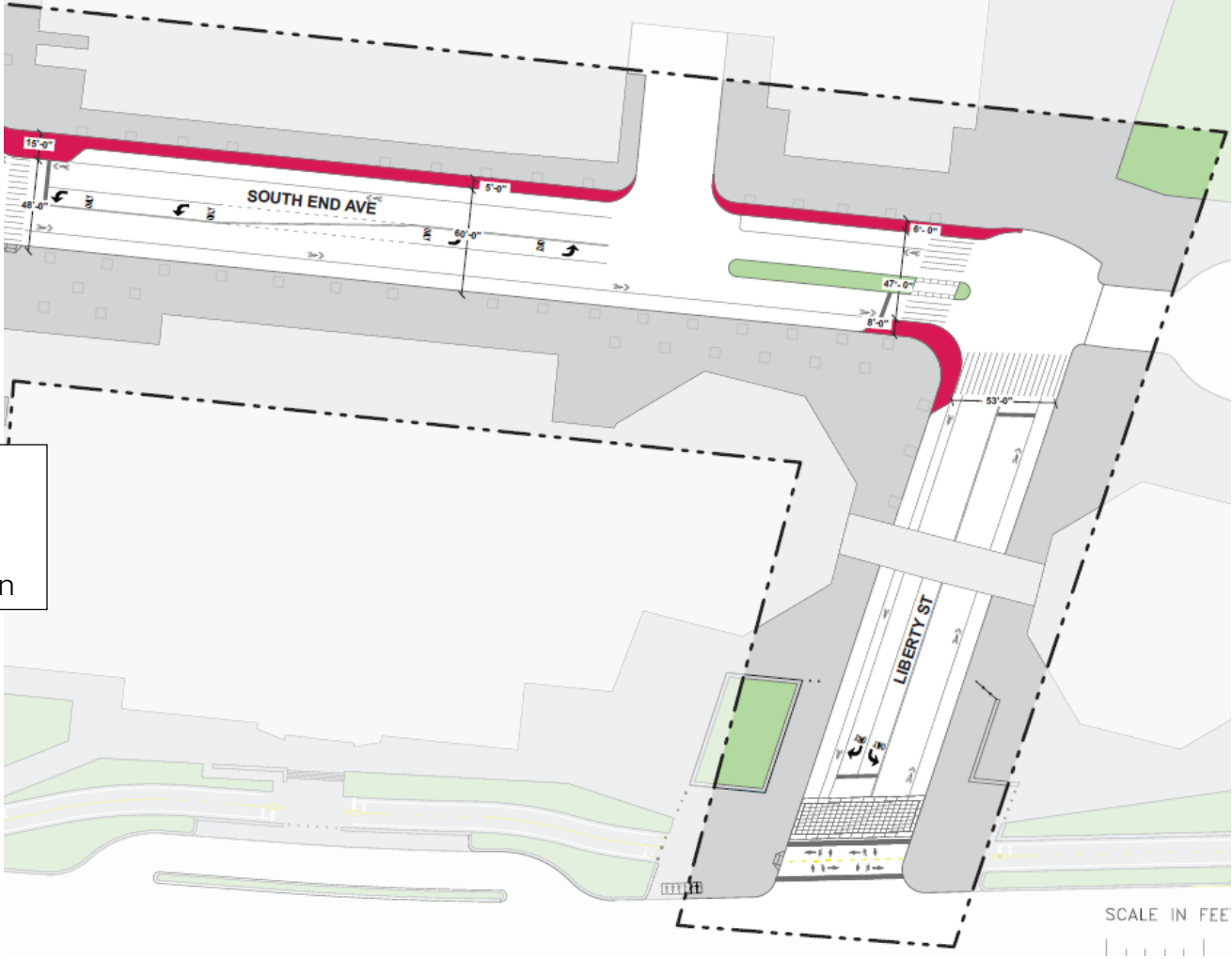
Curbs - Existing



South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations

Curbs – Proposed



- Features**
- Extended Curb
 - Planted Median



South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations

Benefits of Roadway Narrowing

Lower traffic speeds

Vanderbilt Ave. (Brooklyn):

- 20% reduction in average speed
- 50% decrease in number of drivers exceeding the speed limit

Safer streets

9th Ave. (Manhattan):

- Shorter crossing distance for pedestrians
- 52% fewer crashes with injuries after narrowing lanes to standard width

South End Avenue Recommendations

Other Benefits of Roadway Narrowing

- Discourages illegal driving maneuvers ^[1]
- Reclaims space for other activities
- Limits illegal parking ^[2]
- Reduces roadway noise ^[2]
- Encourages more walking and cycling ^[3]



Vanderbilt Ave.

Sources:
[1] New York City Department of Transportation
[2] Federal Highway Administration
[3] National Institute of Health



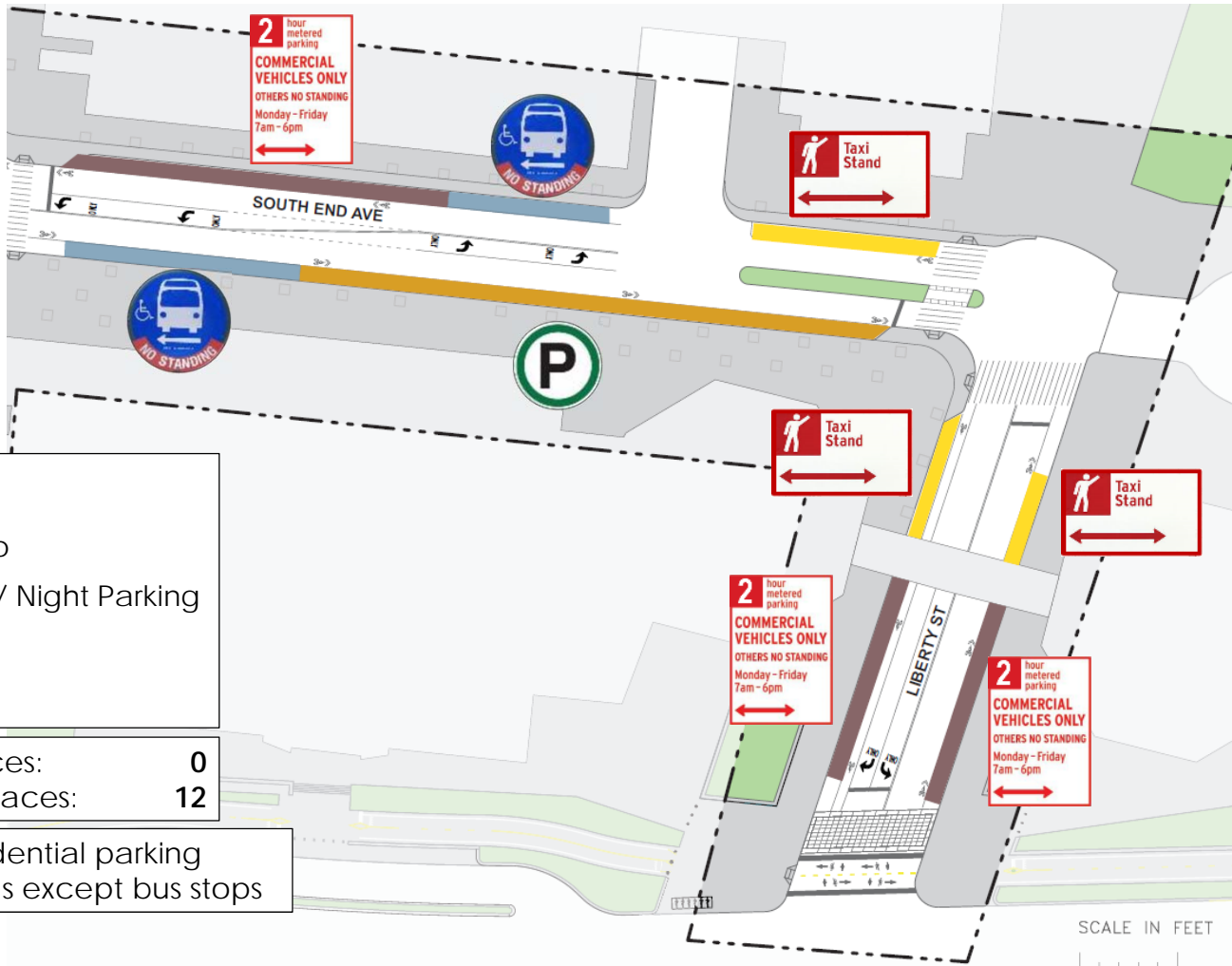
Battery Park City Authority
South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations

Parking – Existing



South End Avenue Recommendations Parking – Proposed



South End Avenue Recommendations

Looking North from Albany Street - Before



South End Avenue Recommendations Looking North from Albany Street - After



South End Avenue Recommendations

South Section
West Thames Street

Central Section
Rector Place & Albany Street

North Section
Liberty Street



South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations

Field Observations

- Many jaywalking families with small children around Rector Park
- Delivery trucks parked illegally for hours
- Congestion and gridlock at Albany Street

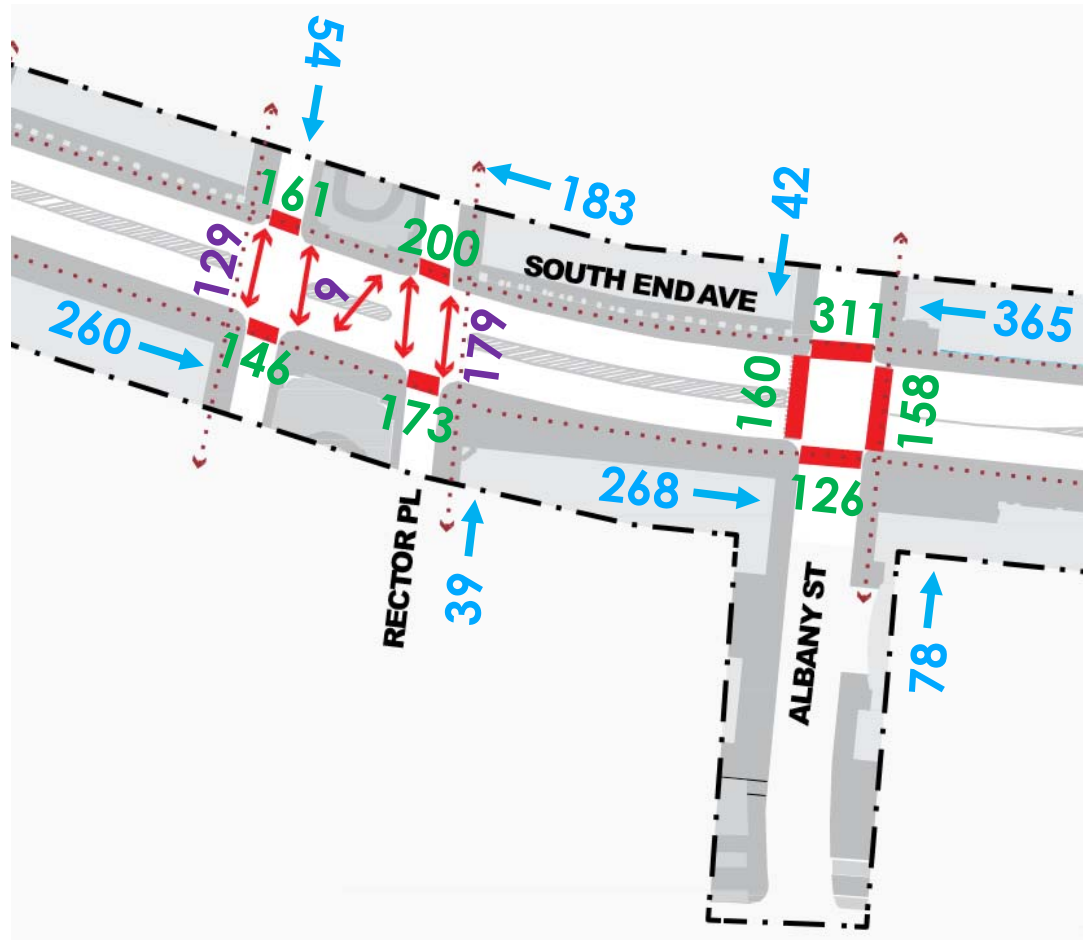


South End Avenue Recommendations

Pedestrian Activity – June 7, 2018 from 8:00AM-9:00AM (AM Peak Hour)

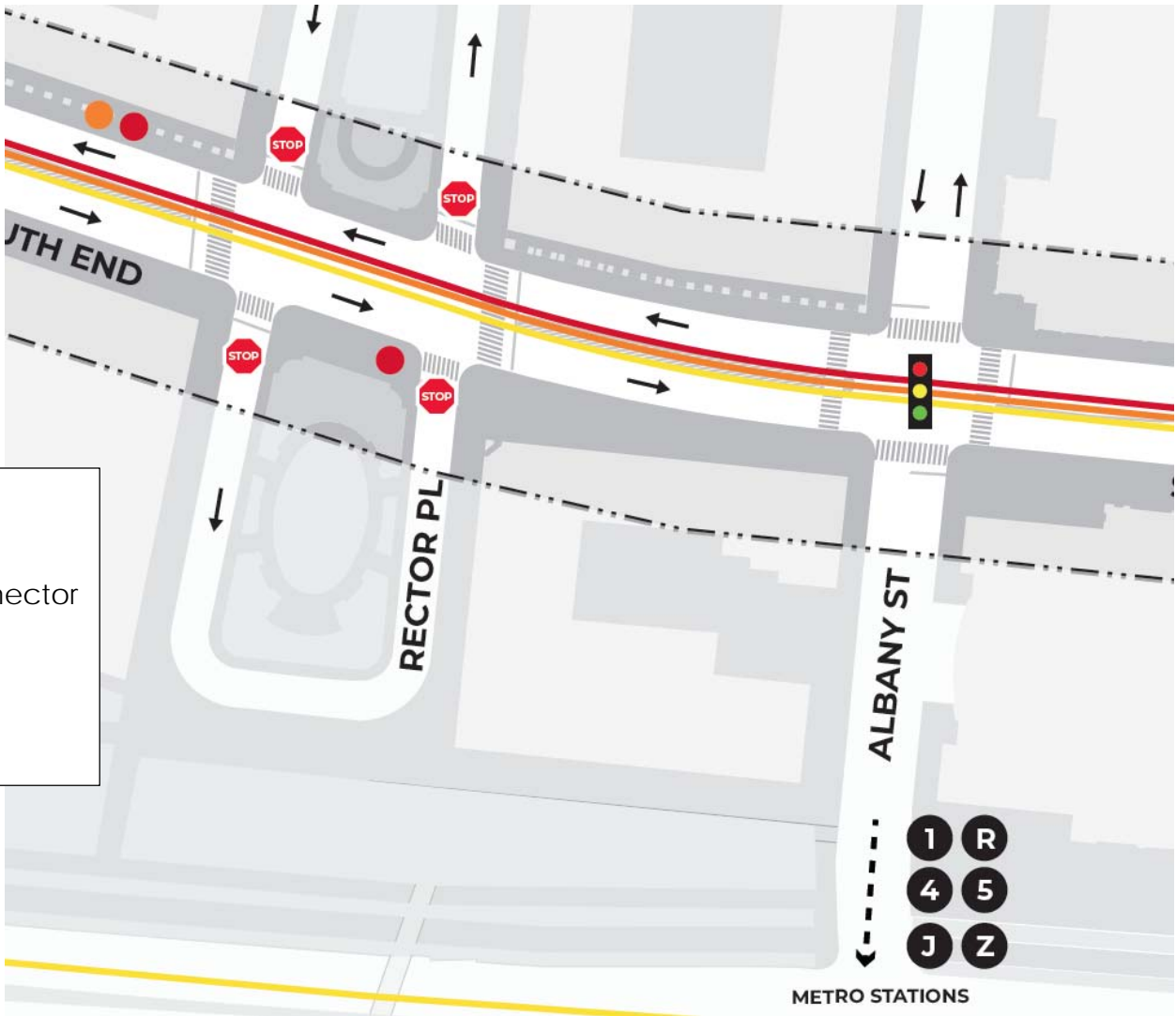
Legend

- Jaywalking Path
- Circulation
- Existing Crosswalk
- 311** Total Pedestrian Count (with crosswalk)
- 179** Total Pedestrian Count (jaywalking)



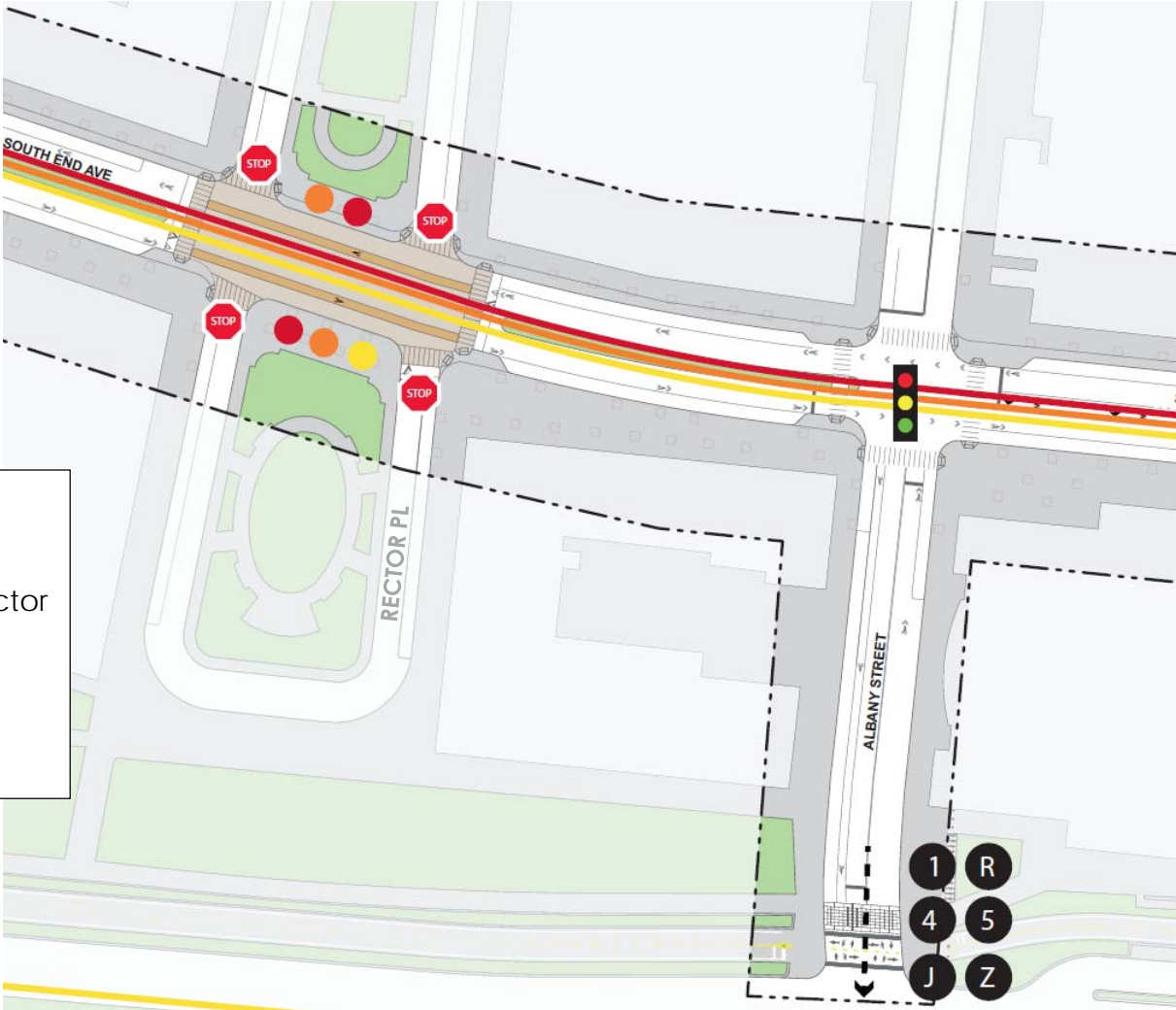
South End Avenue Recommendations

Transit – Existing



South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations Transit – Proposed



Legend

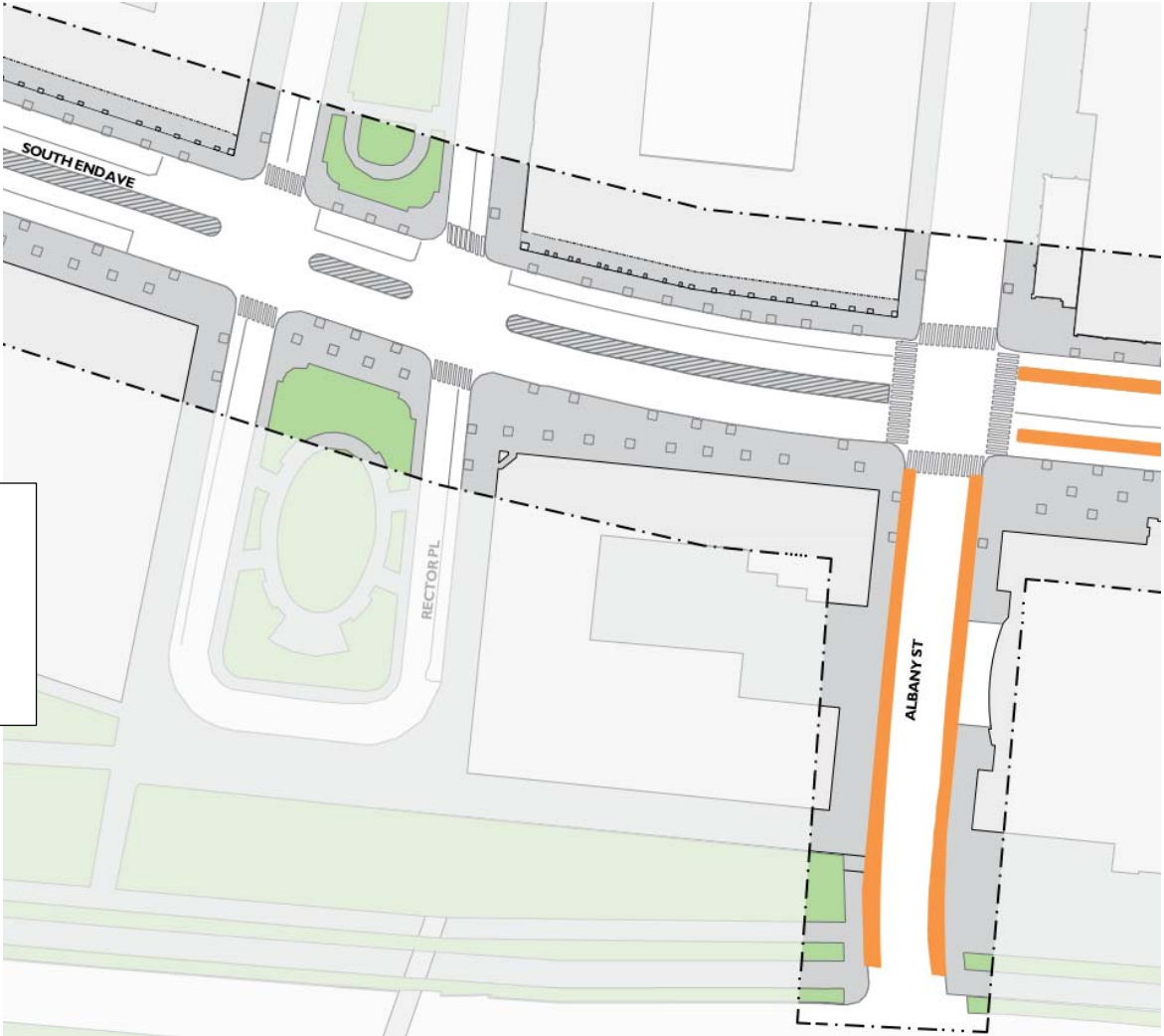
- Red line and circle: Bus Route / Stop: Downtown Connector
- Orange line and circle: Bus Route / Stop: MTA 20
- Yellow line and circle: Bus Route / Stop: MTA 9






South End Avenue & West Thames Street
Streetscape Design Services

South End Avenue Recommendations

Bike Network - Existing

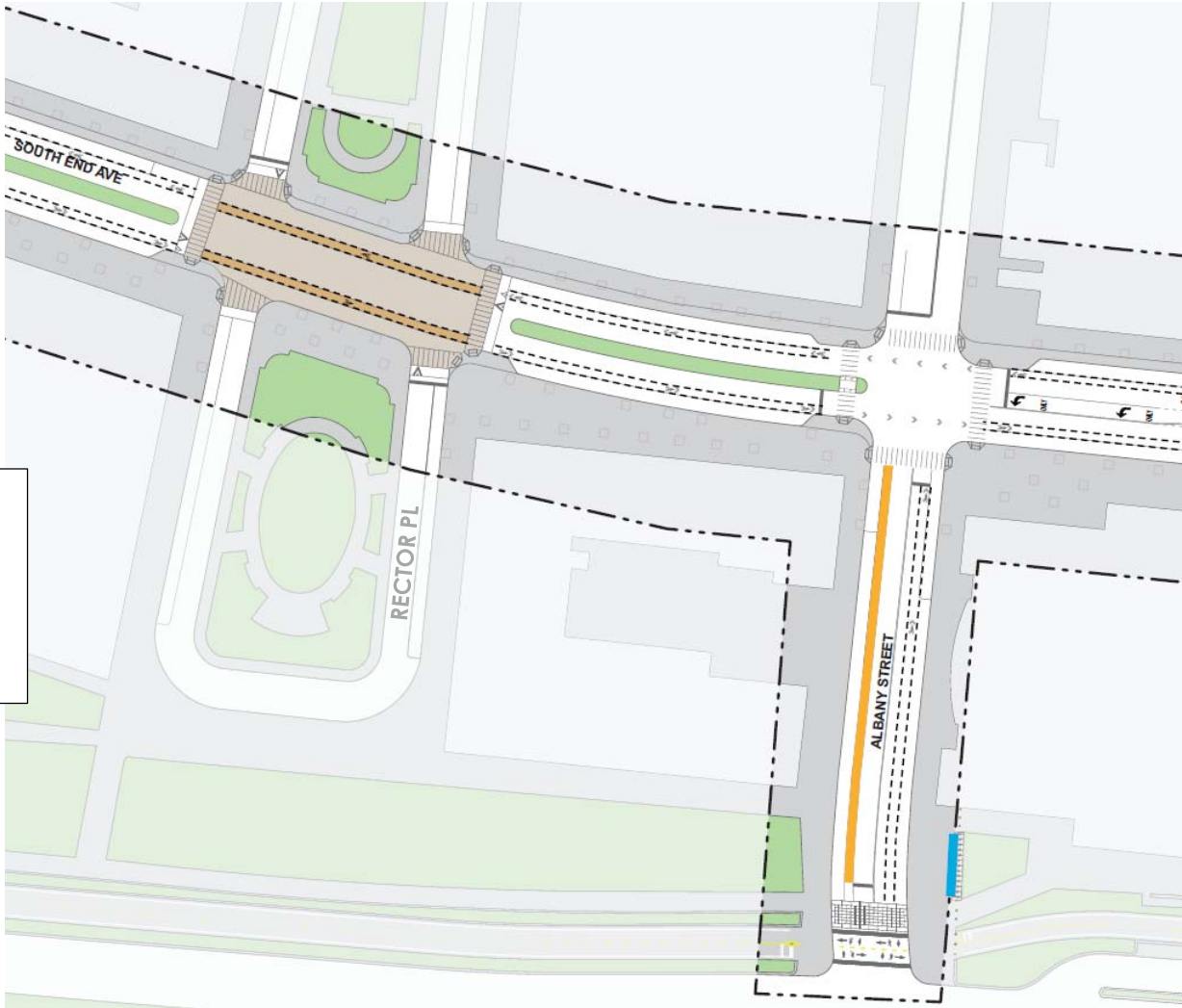


Legend




-  Citi Bike Station
-  Bike Lane
-  Shared Lane

South End Avenue Recommendations

Bike Network - Proposed

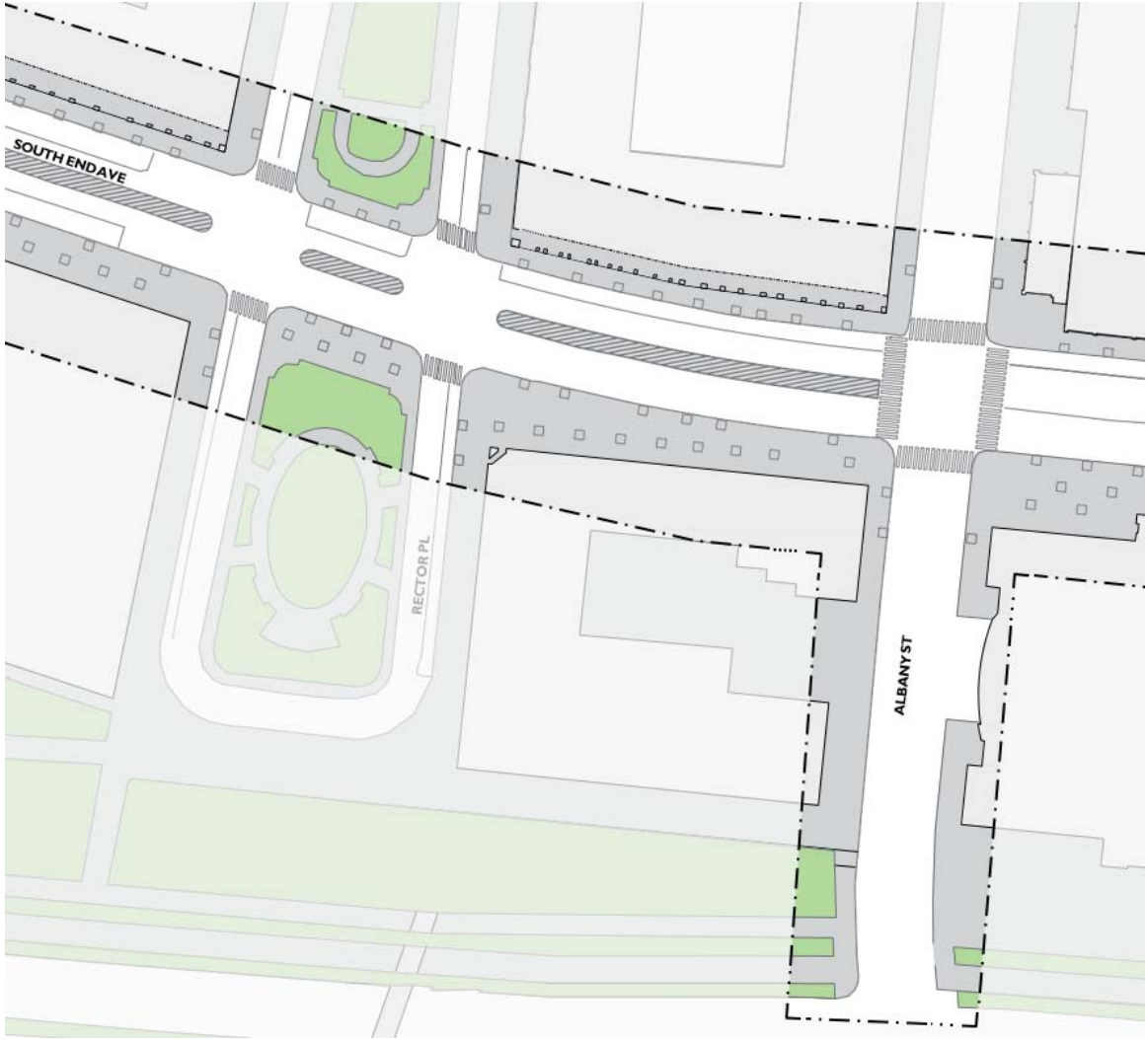


Legend

-  Citi Bike Station
-  Bike Lane
-  Shared Lane

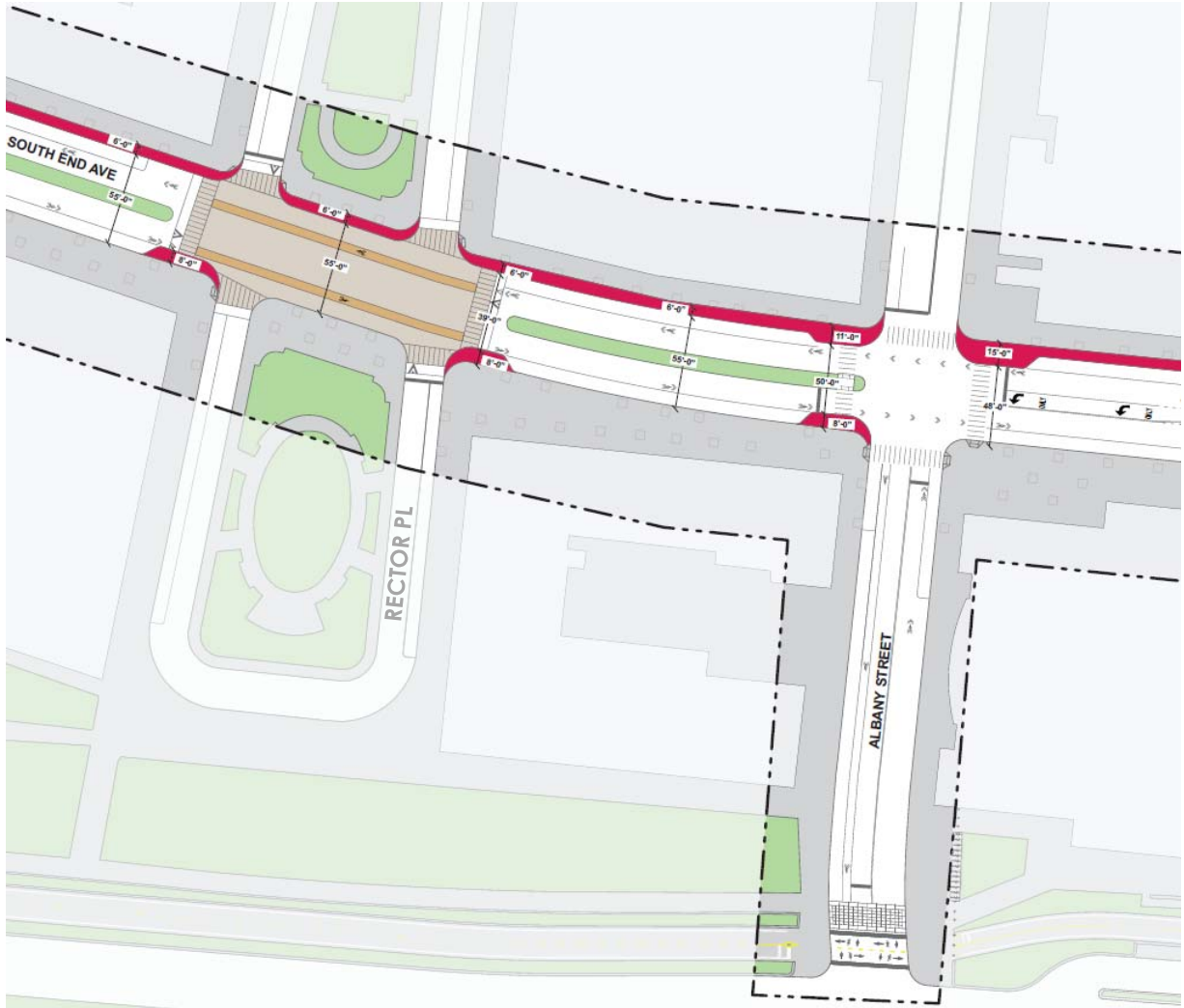
South End Avenue Recommendations




Curbs – Existing



South End Avenue Recommendations

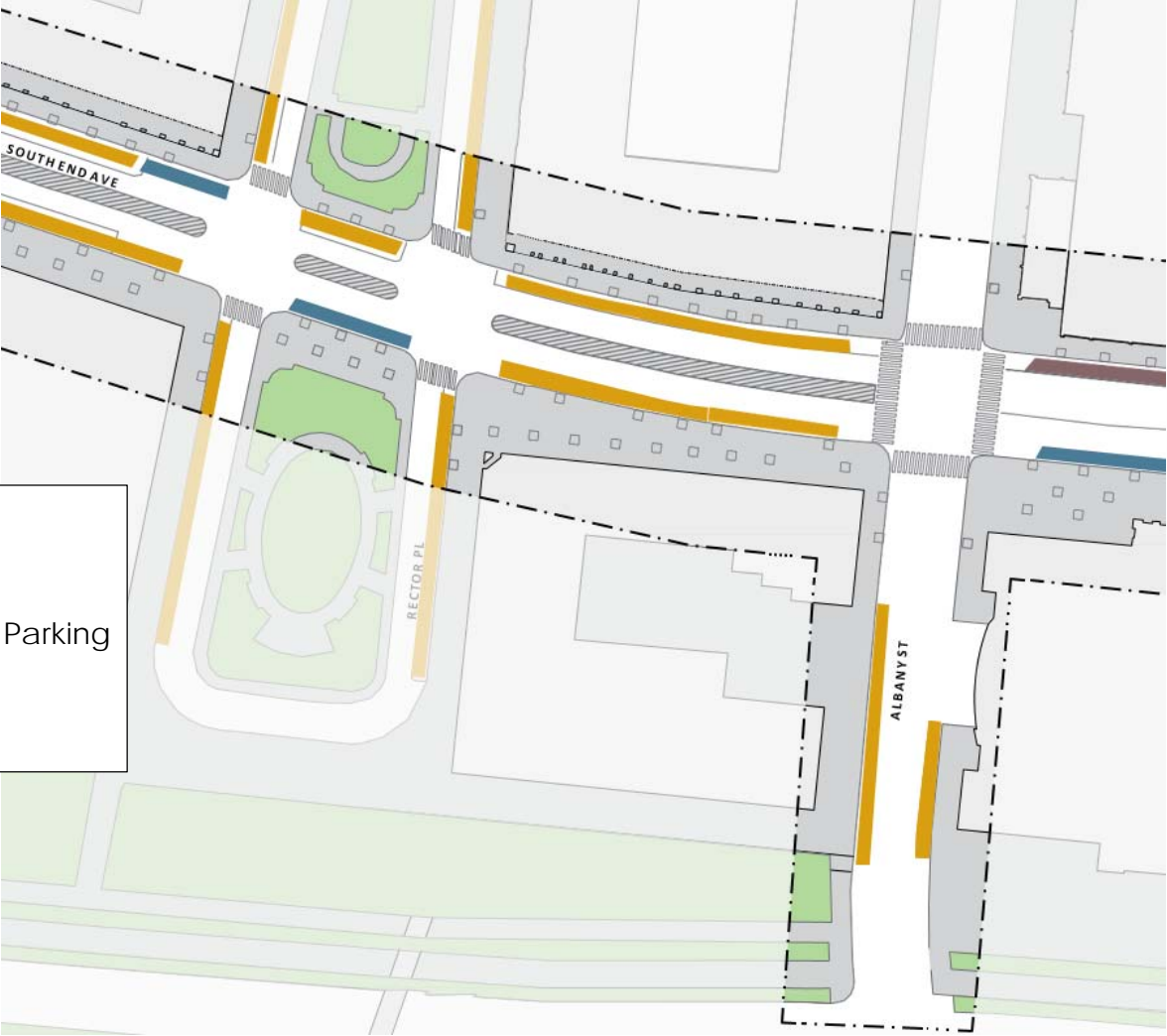
Curbs – Proposed



- Features**
-  Extended Curb
 -  Planted Median
 -  Raised Intersection

South End Avenue Recommendations

Parking – Existing

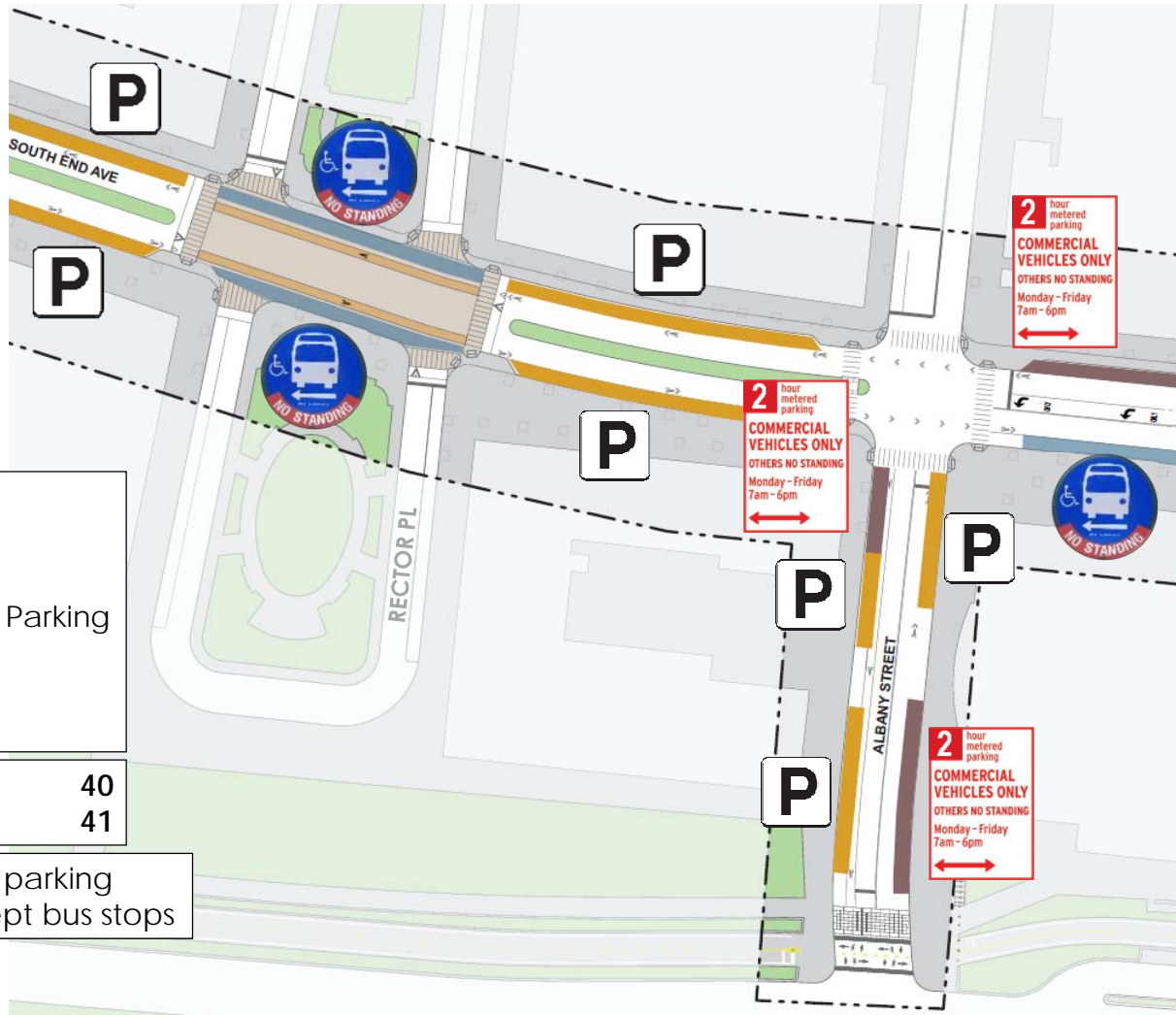


Legend

- Bus Lane / Stop
- Loading Zone / Night Parking
- Taxi Stand
- Parking

South End Avenue Recommendations

Parking – Proposed



Legend

- Bus Lane / Stop
- Loading Zone / Night Parking
- Taxi Stand
- Parking

Existing Parking Spaces:	40
Proposed Parking Spaces:	41

Note: Overnight residential parking permitted at all areas except bus stops



South End Avenue Recommendations

Arcade - Before



South End Avenue Recommendations

Arcade - After



South End Avenue Recommendations

Rector Place - Before



South End Avenue Recommendations

Rector Place - After



South End Avenue Recommendations

Rector Place – Raised Intersection



South End Avenue Recommendations

South Section
West Thames Street

Central Section
Rector Place & Albany Street

North Section
Liberty Street



South End Avenue Recommendations

Field Observations




- Pedestrians and cyclists crossing South End Avenue cul-de-sac
- Double parked trucks forcing bus to drive into median
- Popular Citi Bike station in the median at West Thames Street

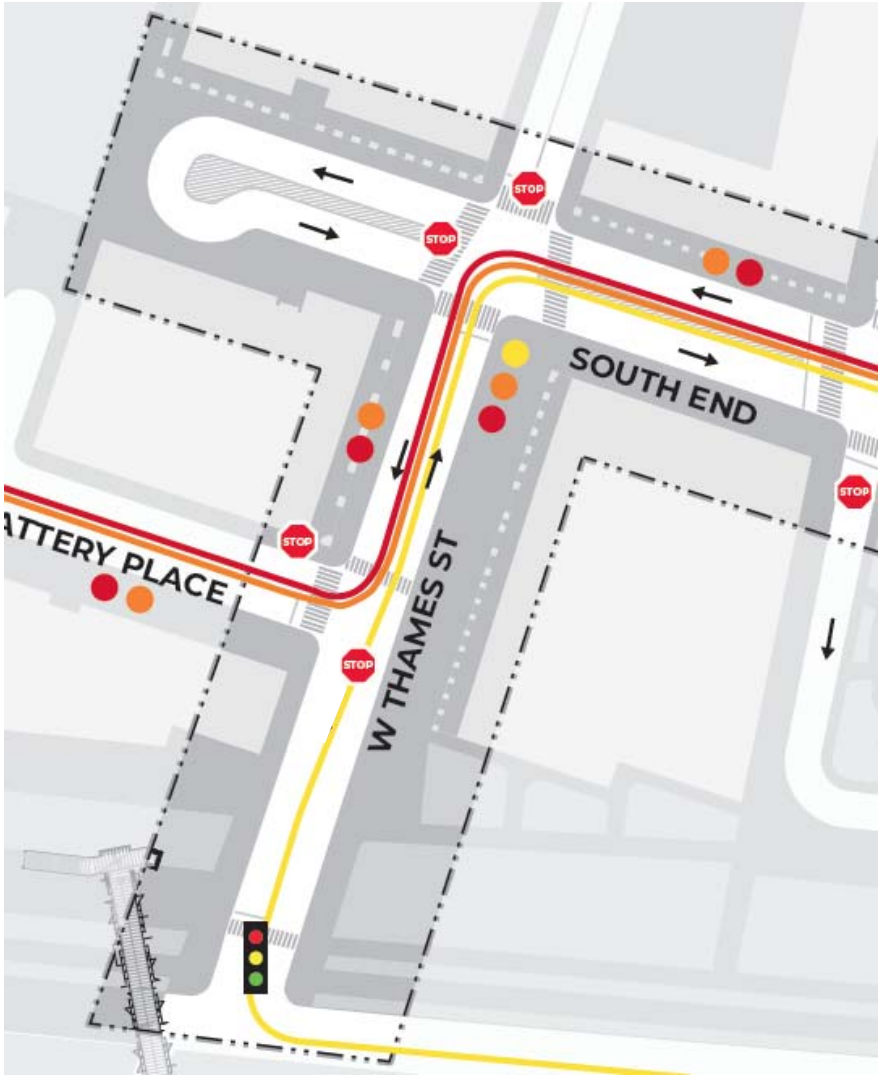


South End Avenue Recommendations

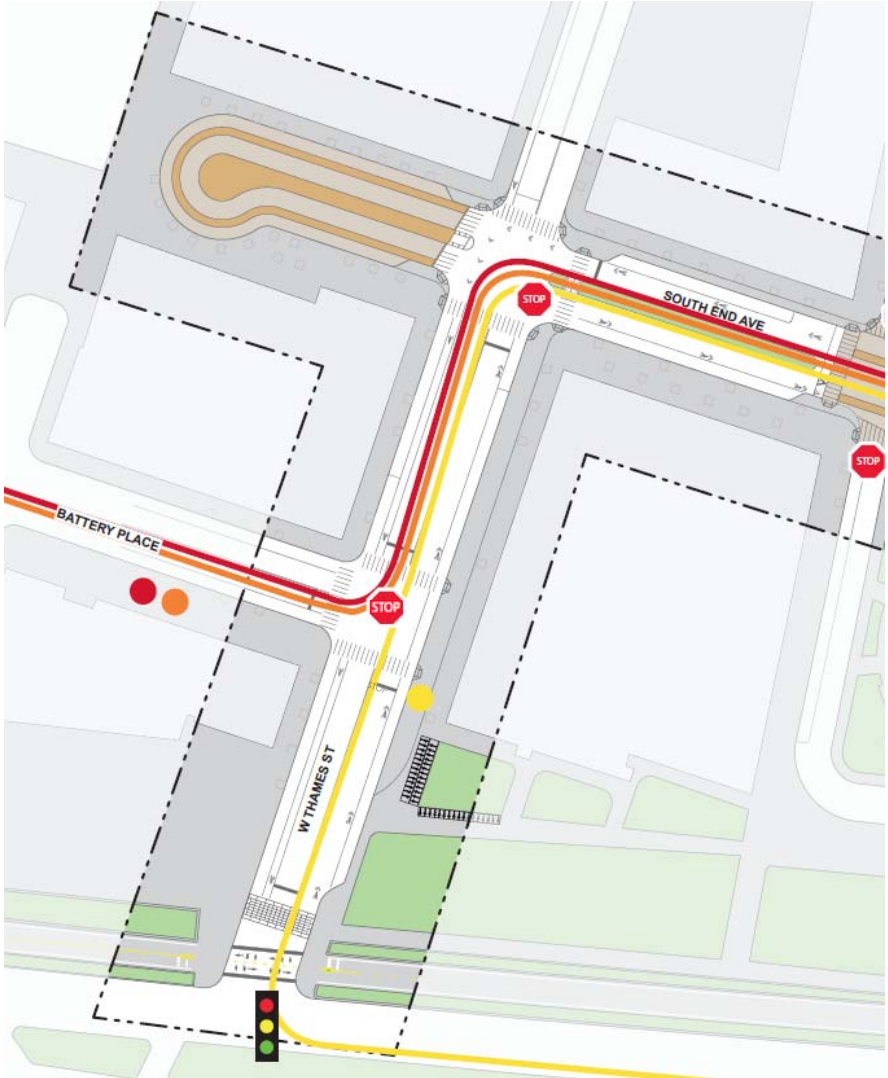
Transit – Existing

Legend

-  Bus Route / Stop:
Downtown Connector
-  Bus Route / Stop:
MTA 20
-  Bus Route / Stop:
MTA 9



South End Avenue Recommendations Transit – Proposed



Legend




- Red line and circle: Bus Route / Stop: Downtown Connector
- Orange line and circle: Bus Route / Stop: MTA 20
- Yellow line and circle: Bus Route / Stop: MTA 9

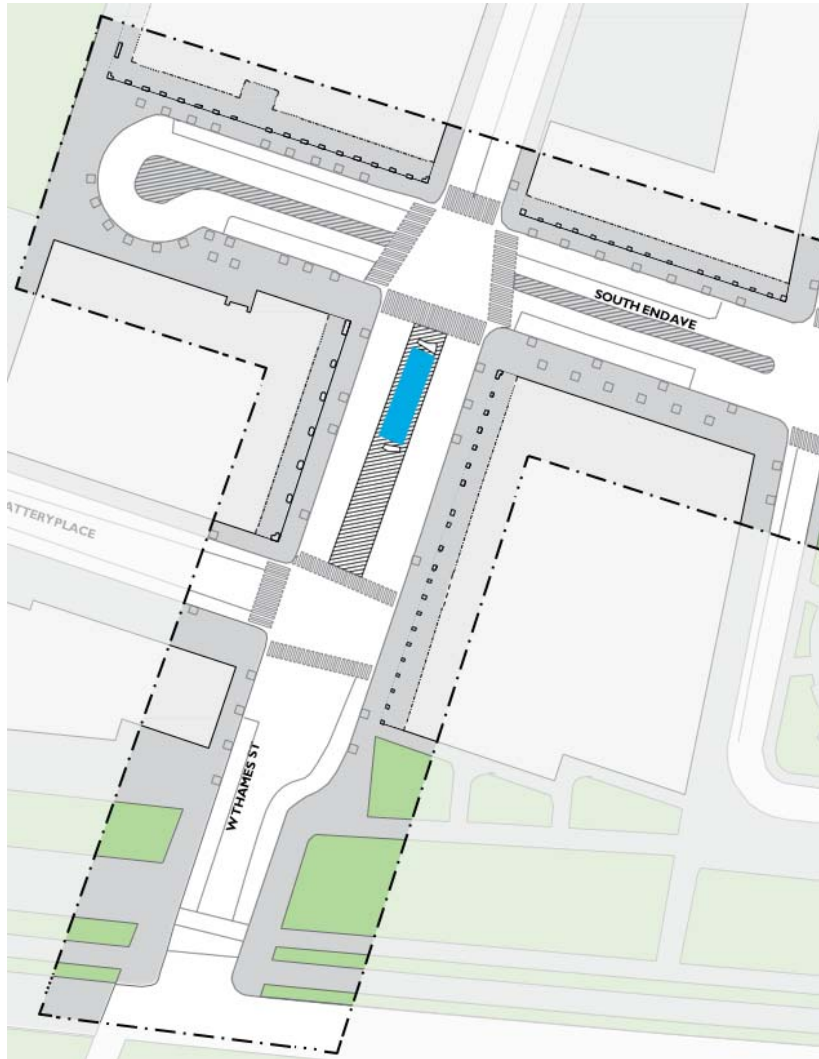


South End Avenue Recommendations

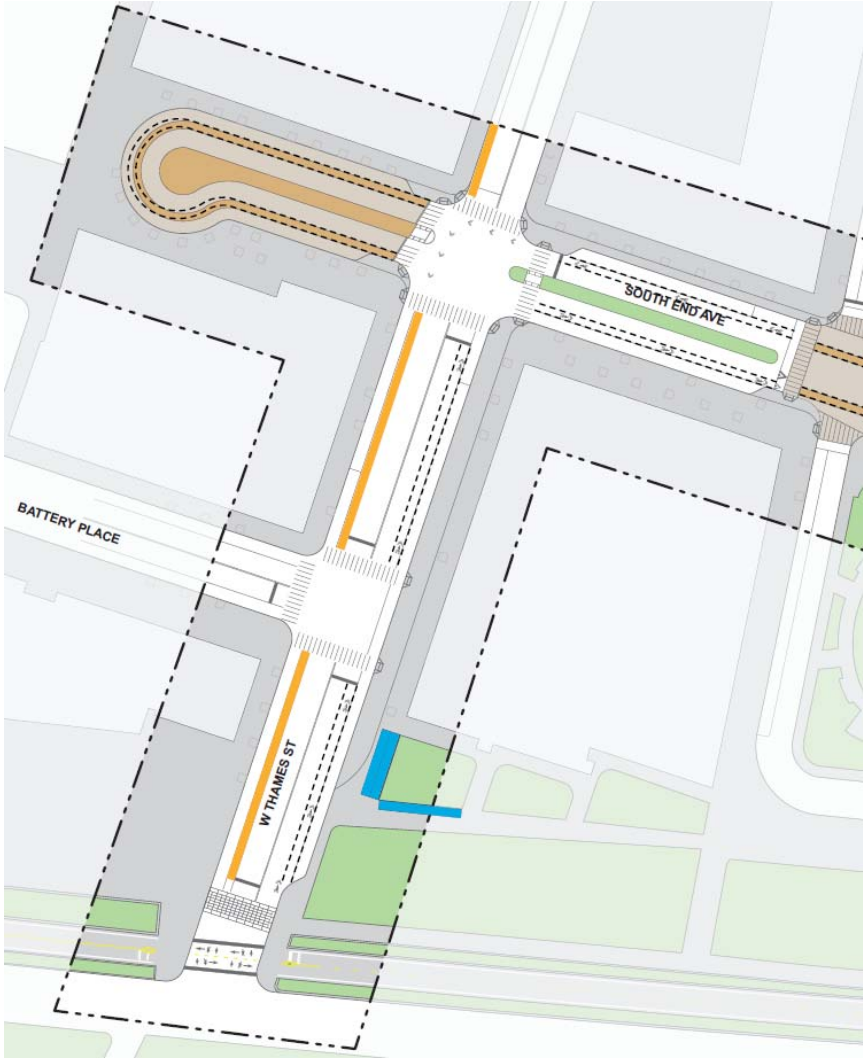
Bike Network - Existing

Legend




-  Citi Bike Station
-  Bike Lane
-  Shared Lane



South End Avenue Recommendations Bike Network - Proposed



Legend

-  Citi Bike Station
-  Bike Lane
-  Shared Lane

South End Avenue Recommendations

Curbs - Existing

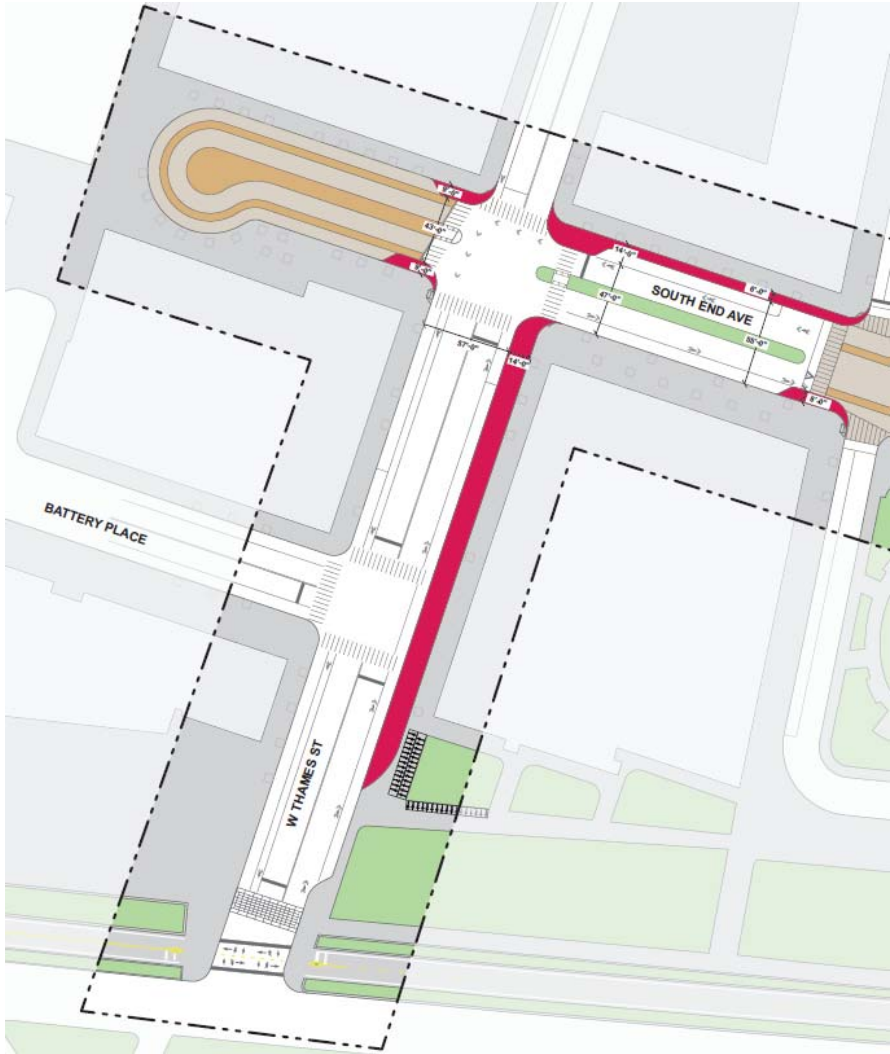


South End Avenue Recommendations

Curbs – Proposed

Features

- Extended Curb
- Planted Median
- Textured Roadway

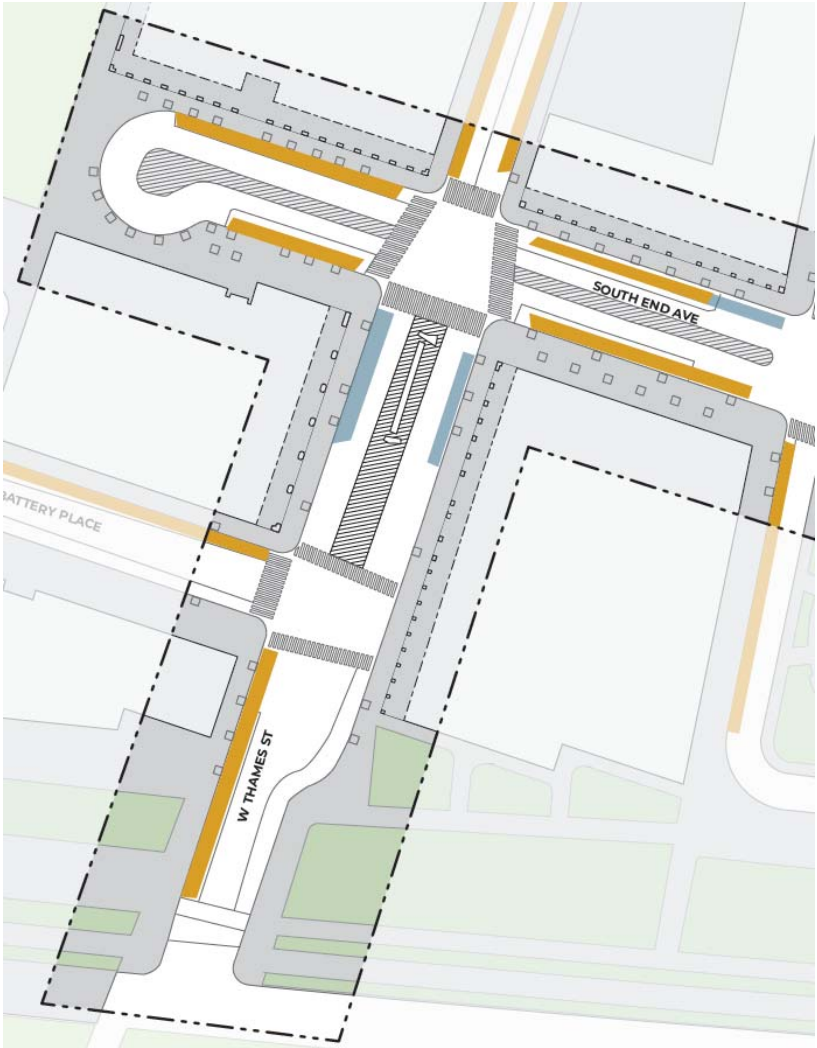


South End Avenue Recommendations





Parking – Existing

Legend

- Bus Lane / Stop
- Loading Zone / Night Parking
- Taxi Stand
- Parking

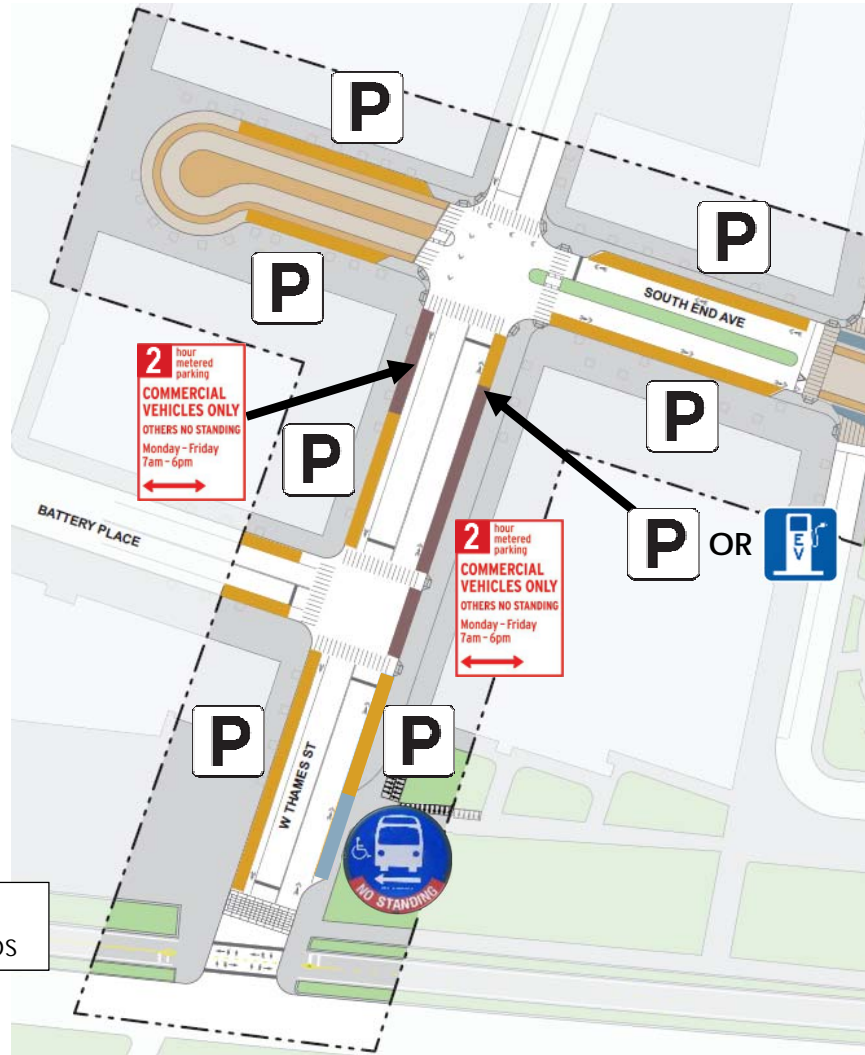


South End Avenue Recommendations Parking – Proposed

Legend	
	Bus Lane / Stop
	Loading Zone / Night Parking
	Taxi Stand
	Parking

Existing Parking Spaces:	28
Proposed Parking Spaces:	29

Note: Overnight residential parking permitted at all areas except bus stops



South End Avenue Recommendations West Thames Street - Before



South End Avenue Recommendations West Thames Street - After



South End Avenue Recommendations

South End Avenue – Before



South End Avenue Recommendations

South End Avenue – After





**Battery Park
City Authority**



Stantec

WXY

HR&A