

# Spring Street

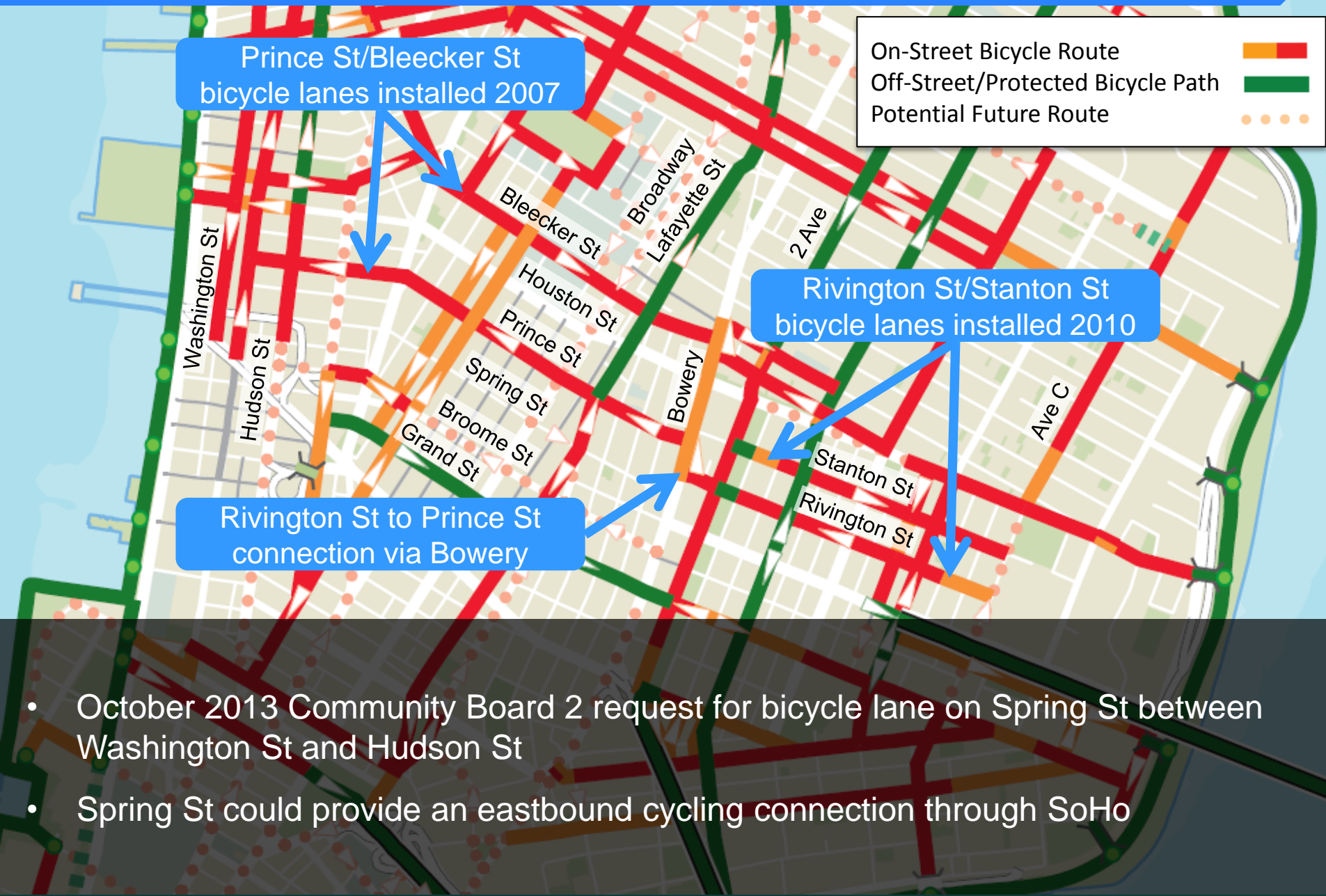
Bicycle Lane With Connections to Bowery and Stanton St

2015

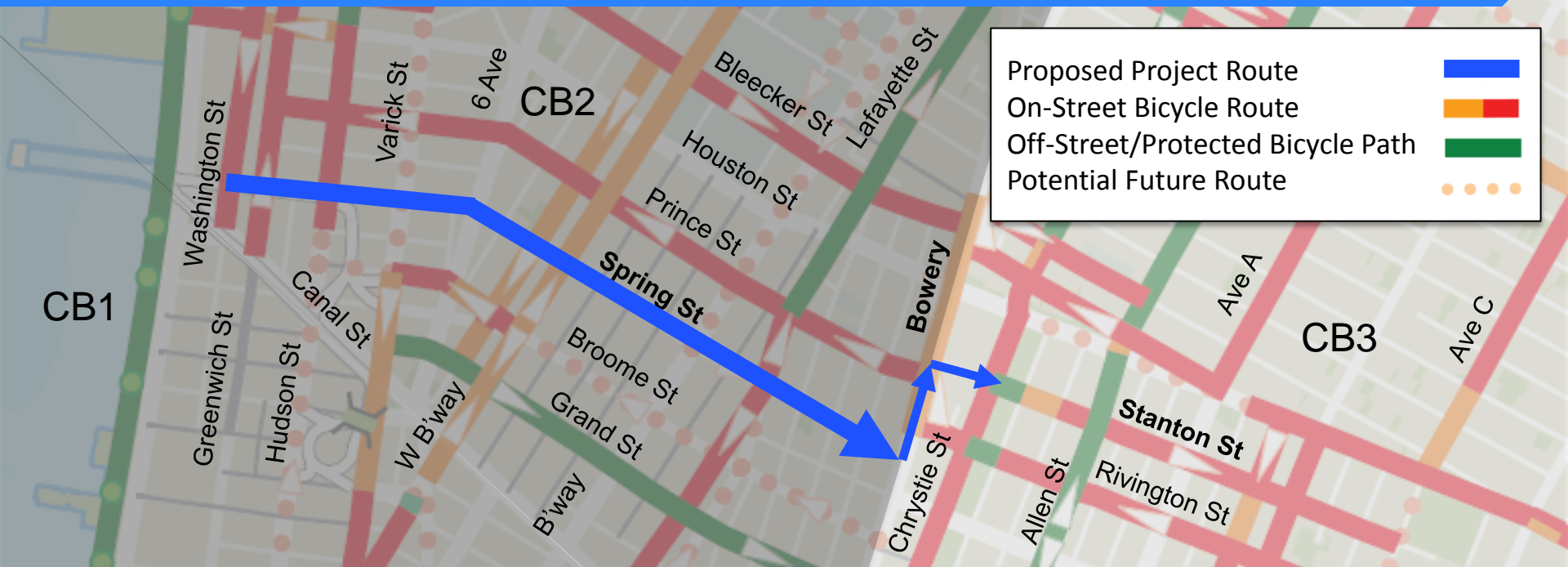




# Background



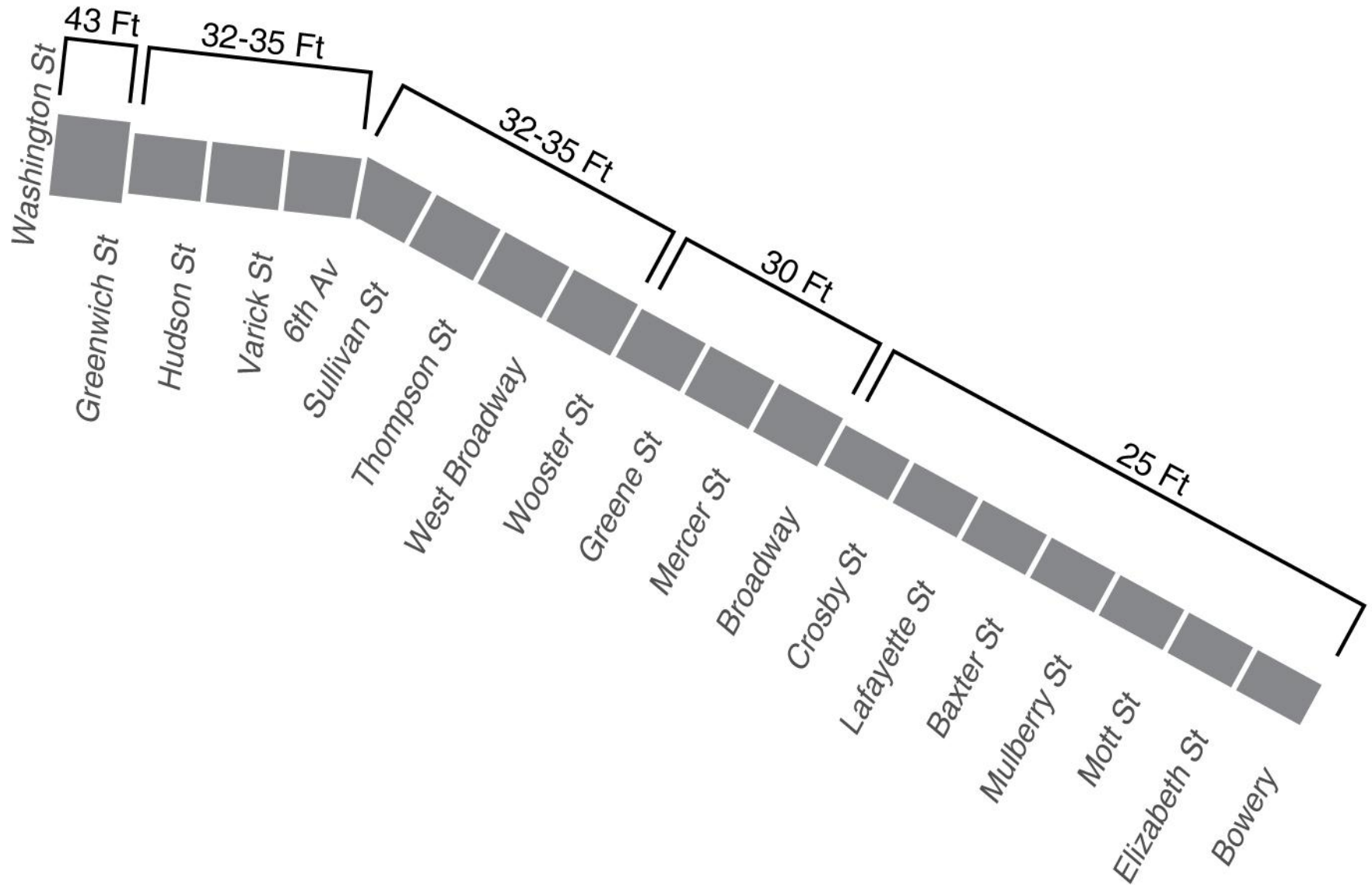
# Background



- 6 Citibike stations (190 docks) within 500 feet of Spring St
- High bicycle volume on Spring St:

block	weekday	weekend	month	time range
Washington St to Greenwich St	243	285	November 2013	7am-7pm
Sullivan St to Thompson St	465	432	November 2013	7am-7pm
Crosby St to Broadway	1,141	729	September 2014	1pm-11pm

# Existing Conditions on Spring St





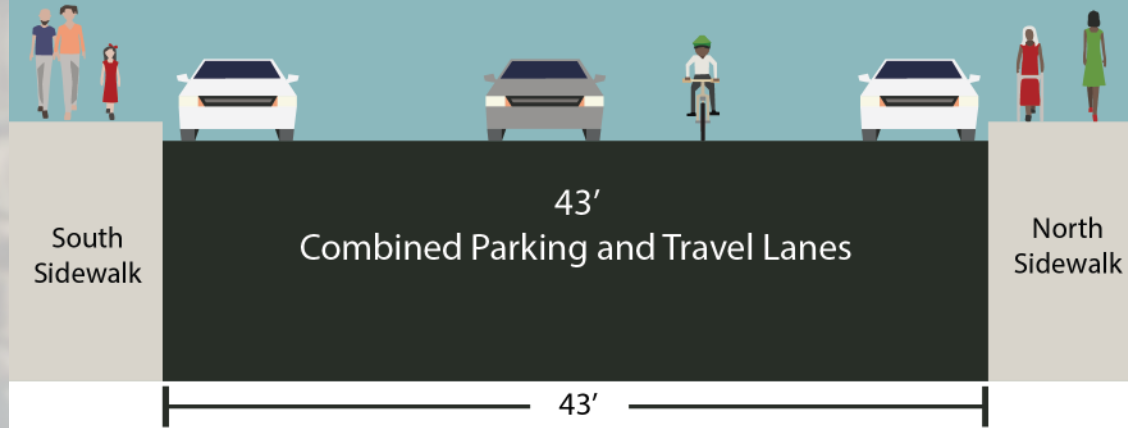
# Existing Conditions on Spring St (Washington St to Greenwich St)



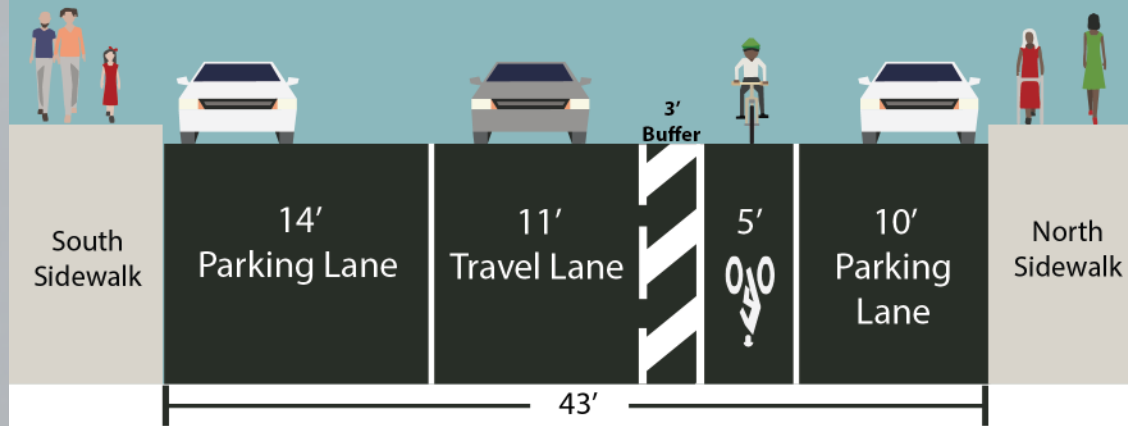
43 feet wide one-way roadway

# Proposed Conditions on Spring St (Washington St to Greenwich St)

## Existing



## Proposed





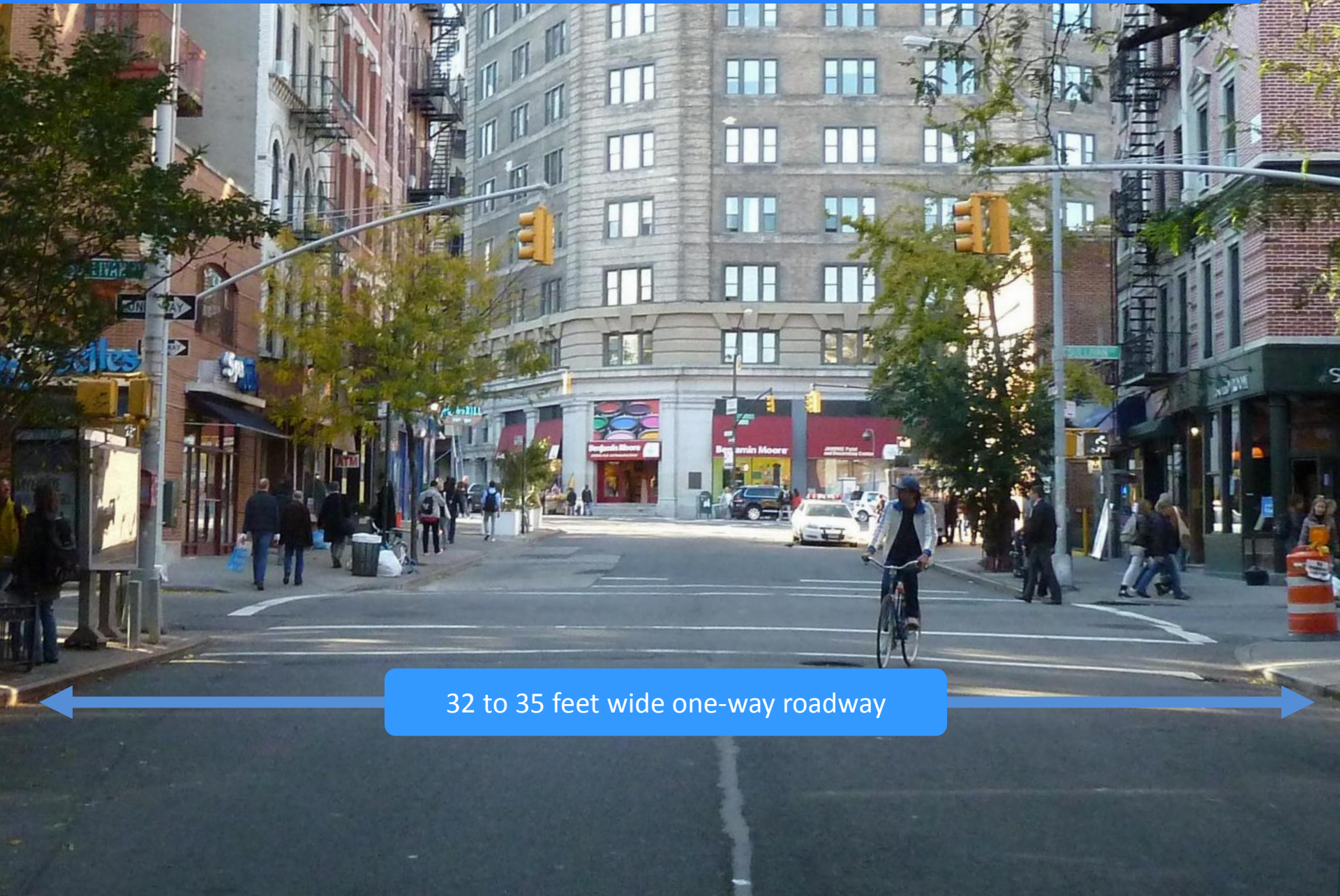
# Example of Buffered Bicycle Lane



Warren St, Manhattan



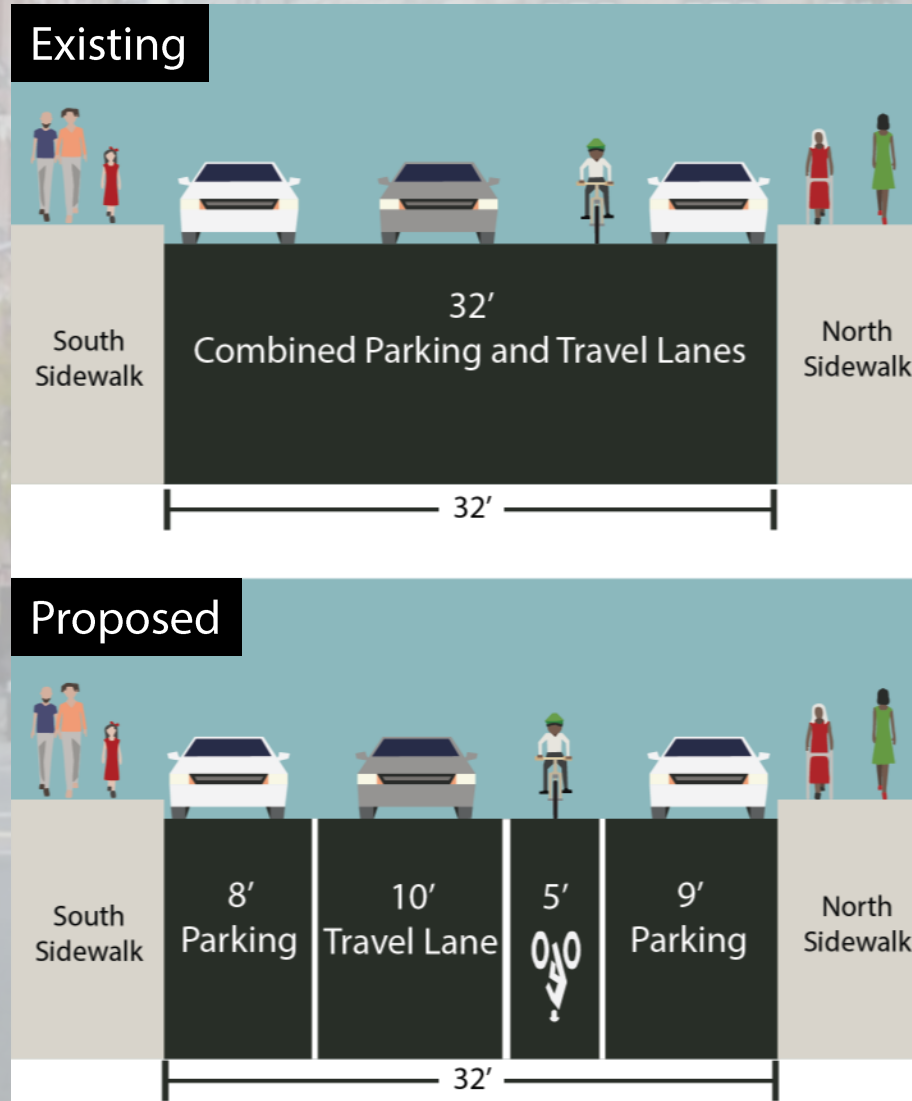
# Existing Conditions on Spring St (Greenwich St to Wooster St)



32 to 35 feet wide one-way roadway



# Proposed Conditions on Spring St (Greenwich St to Wooster St)



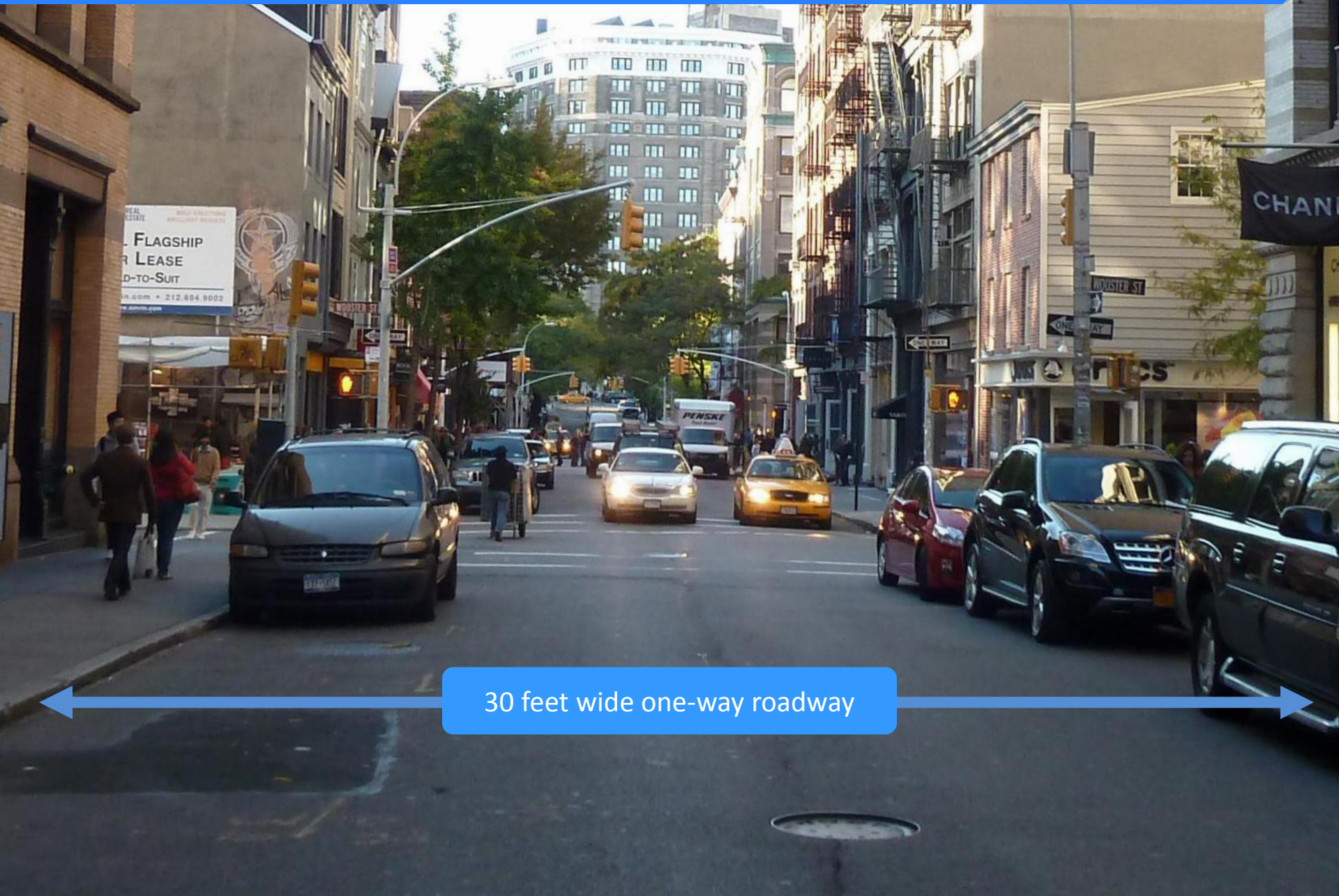
## Example of Bicycle Lane



Greenwich St, Manhattan

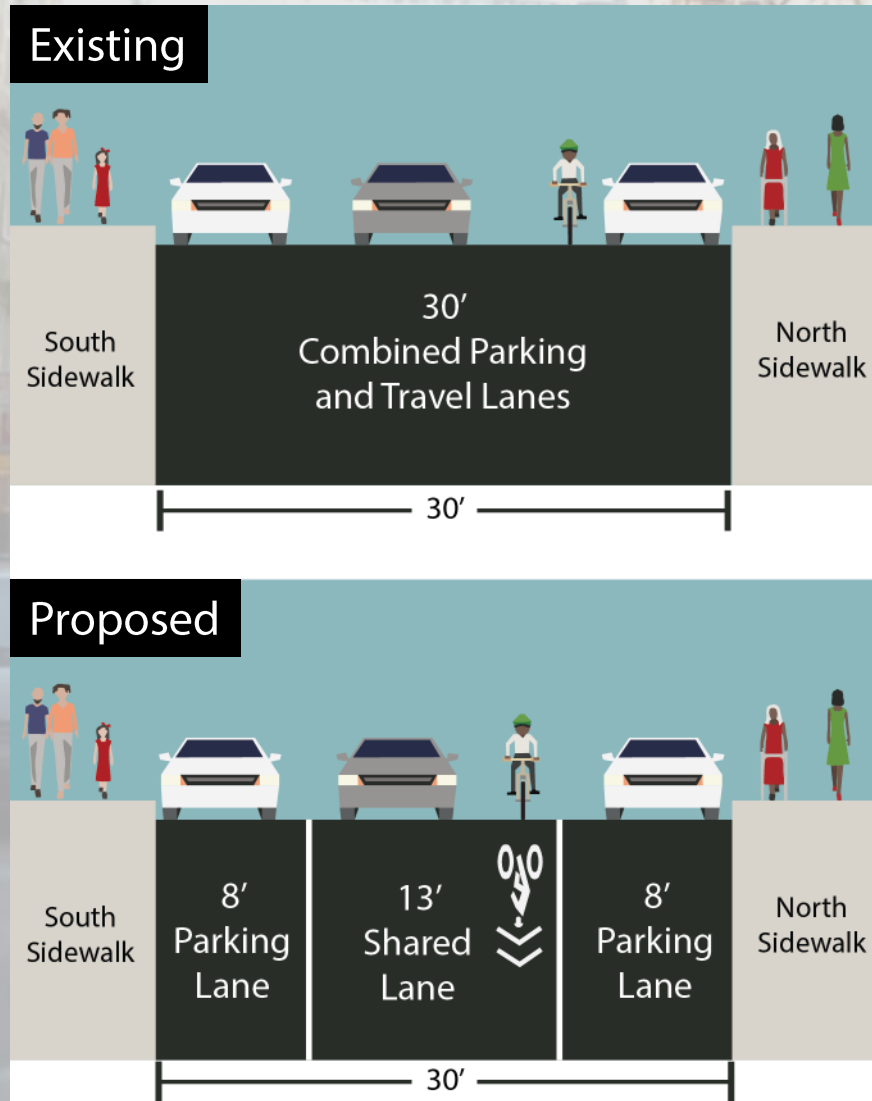


# Existing Conditions on Spring St (Wooster St to Broadway)



30 feet wide one-way roadway

# Proposed Conditions on Spring St (Wooster St to Broadway)





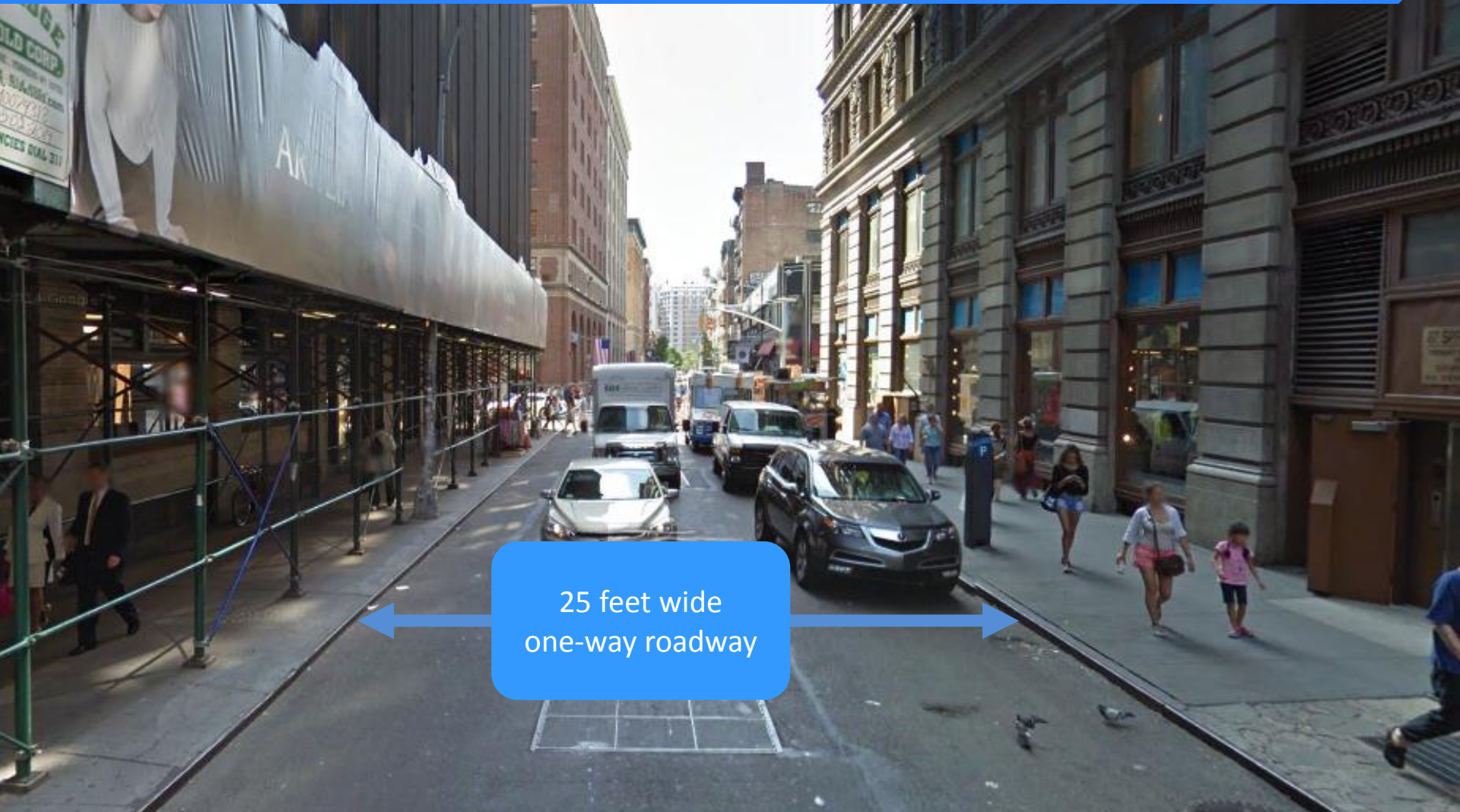
# Example of Shared Lane



Thompson St, Manhattan



## Existing Conditions on Spring St (Broadway to Lafayette St)



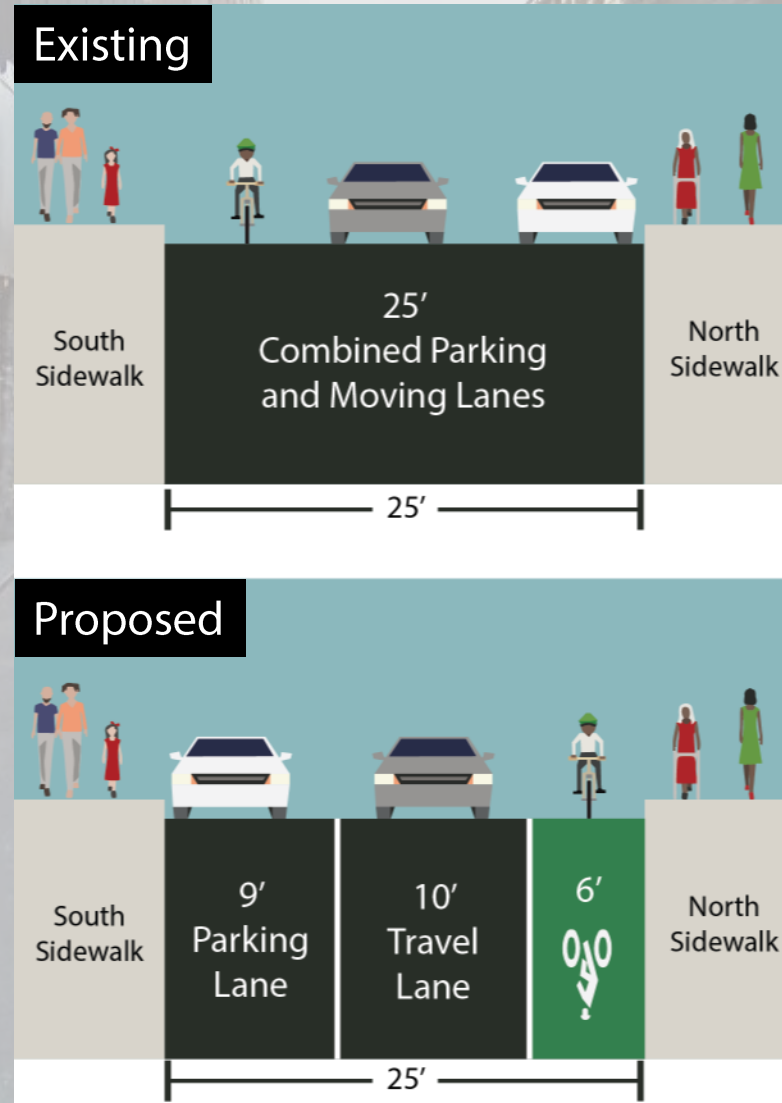
25 feet wide  
one-way roadway

- Parking and truck loading on north side
- “No Standing Anytime” regulation on south side



# Proposed Conditions on Spring St (Broadway to Lafayette St)

- Move loading/parking from north side to south side



## Example of Curbside Green Bicycle Lane



Stanton St, Manhattan

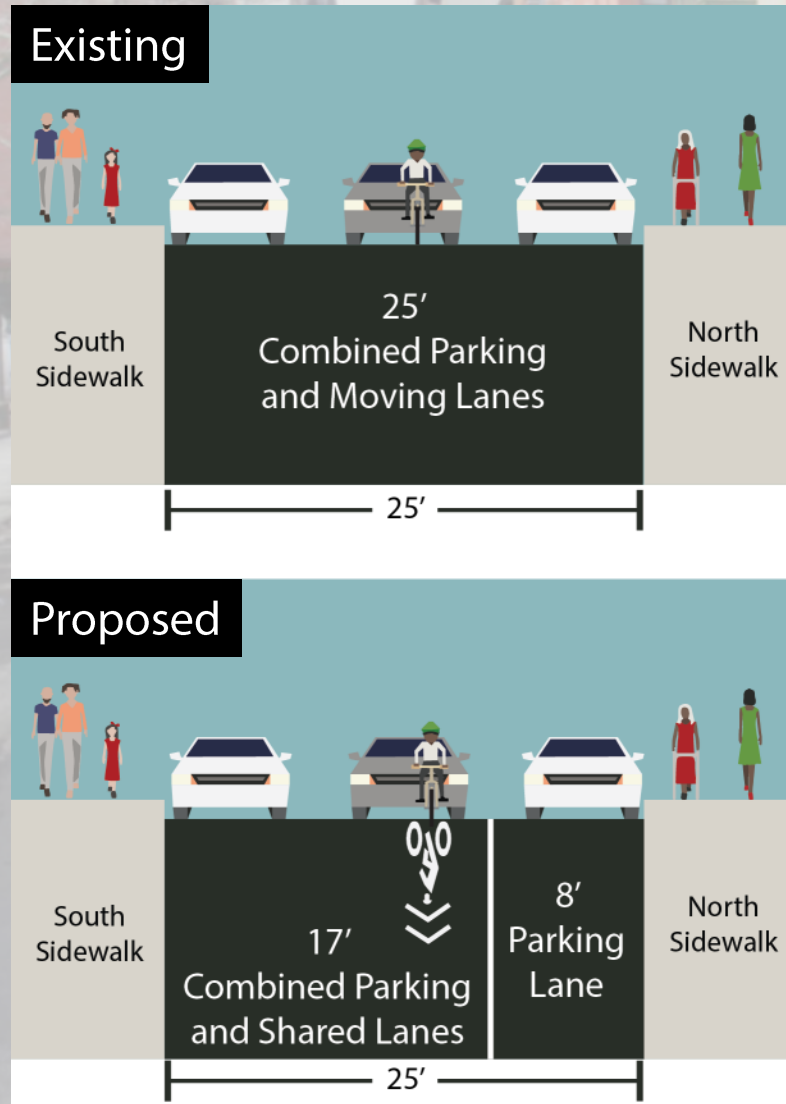


# Existing Conditions on Spring St (Lafayette St to Bowery)



25 feet wide one-way roadway

# Proposed Conditions on Spring St (Lafayette St to Bowery)



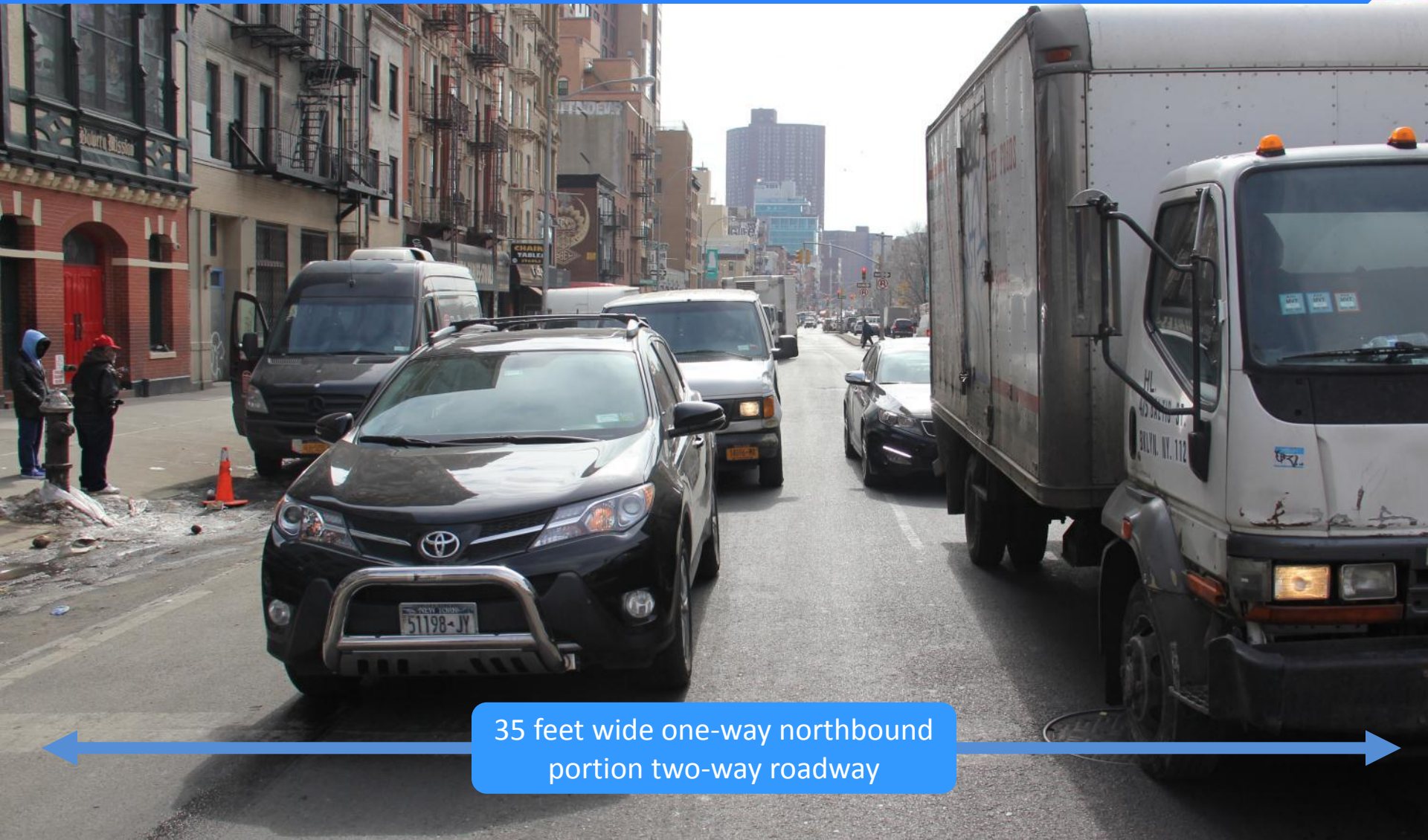


# Bicycle Route Connection to Stanton St

- Proposed Project Route
- On-Street Bicycle Route
- Off-Street/Protected Bicycle Path
- Potential Future Route



## Existing Conditions on Bowery (Spring St to Stanton St)



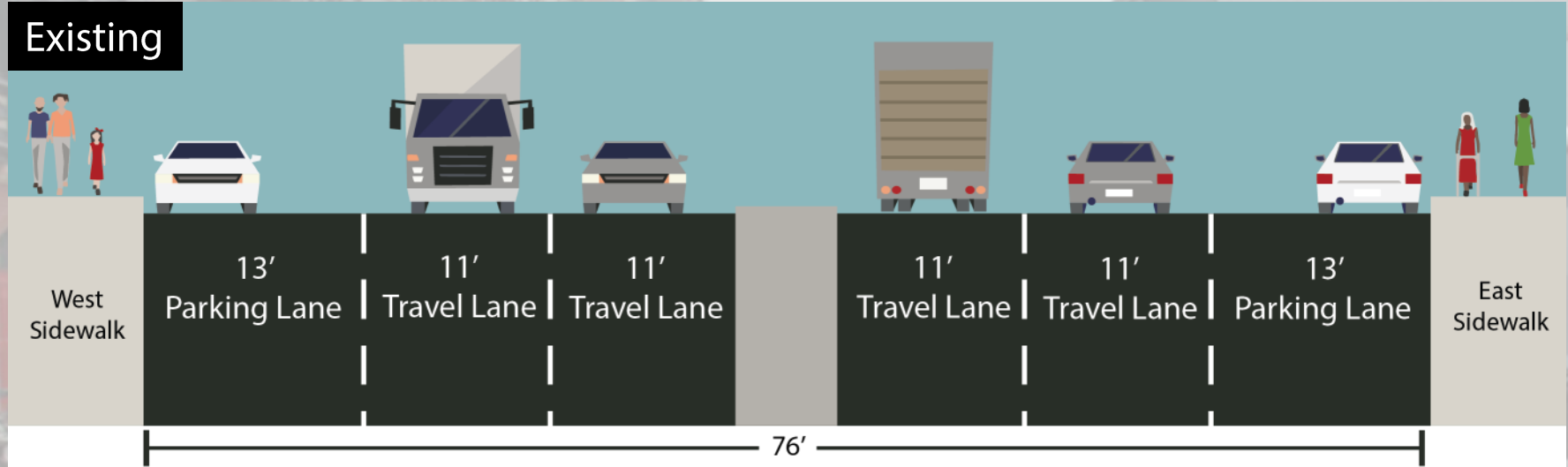
35 feet wide one-way northbound  
portion two-way roadway

- Existing northbound shared lane between Rivington St and Prince St

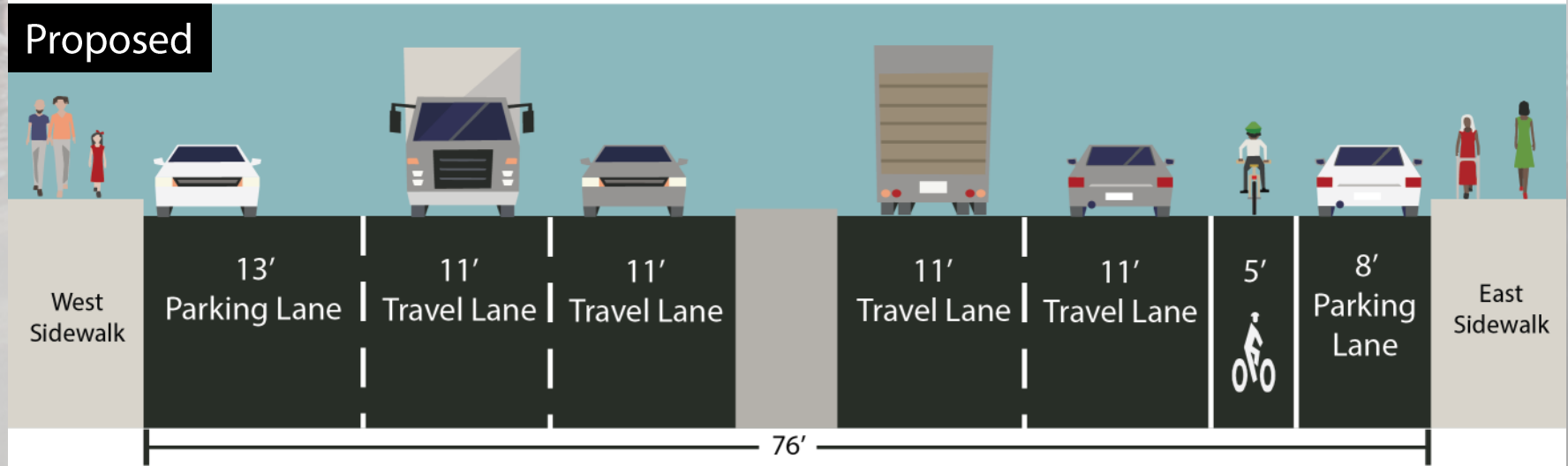


# Proposed Conditions on Bowery (Spring St to Stanton St)

## Existing



## Proposed



Facing North

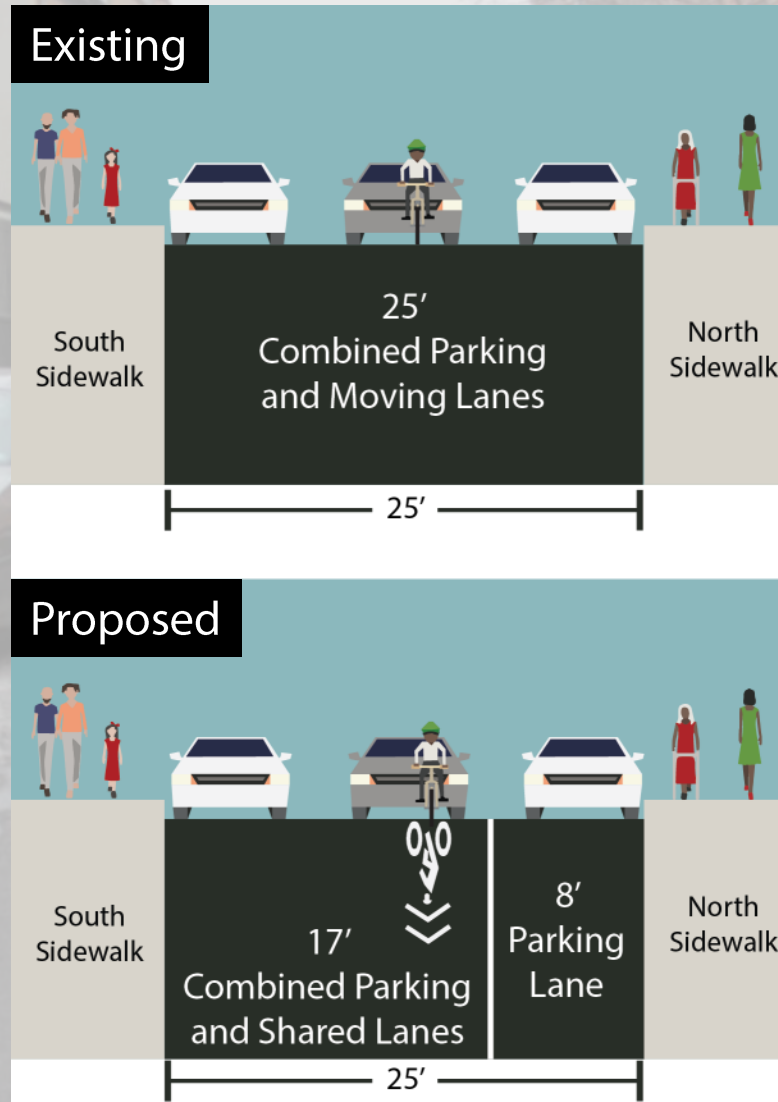
# Existing Conditions on Stanton St (Bowery to Chrystie St)



25 feet wide one-way roadway



# Proposed Conditions on Stanton St (Bowery to Chrystie St)



# Proposed Pedestrian Safety Enhancements at Spring St/Varick St

## Parking regulations:

- Remove “No Standing 4pm-7pm” parking regulation from the east side of Varick St between Spring St and Vandam St
- Extend metered parking hours to 7pm
- Benefits: Discourages speeding and slows turning vehicles

## Signal changes:

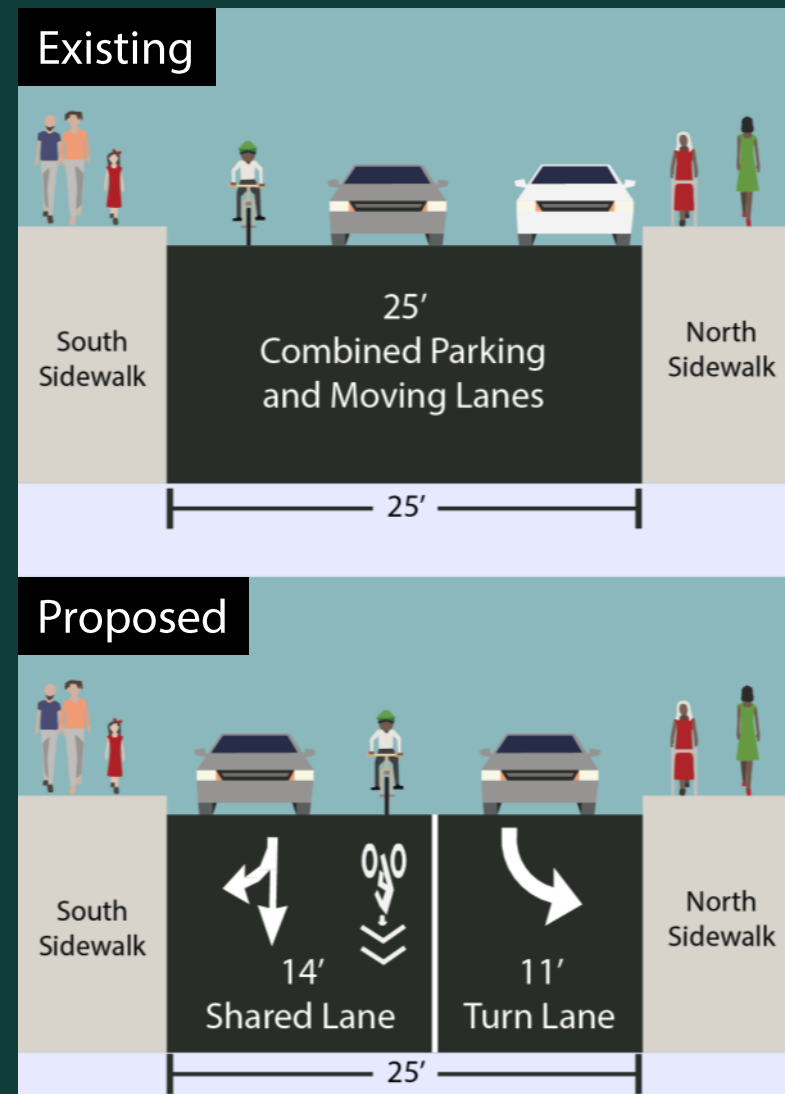
- Add 7 second leading pedestrian interval (LPI) for eastern crosswalk
- Benefits: more pedestrian crossing time with additional protected crossing time





# Proposed Enhancement: Turn Lane Approaching Lafayette St

- Spring St is often congested approaching Lafayette St
- Through traffic gets stuck behind turning vehicles
- FDNY has requested that a turn lane be added on Spring St approaching Lafayette St to help reduce congestion
- Benefit: improved vehicular flow
- Drawback: requires the removal of approx. 6 loading spaces (100 feet)



# Summary of Proposal

## Spring Street:

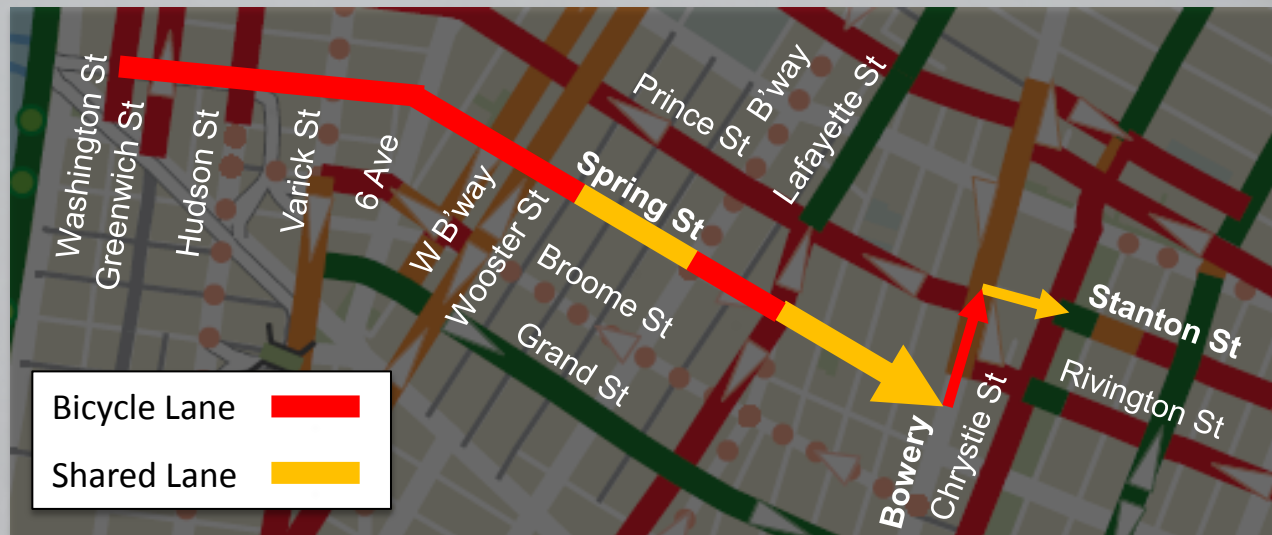
- Washington St to Greenwich St: buffered bicycle lane
- Greenwich St to Wooster St: bicycle lane
- Wooster St to Broadway: shared lane
- Broadway to Lafayette St: curbside green bicycle lane
- Lafayette St to Bowery: shared lane
- LPI on eastern crosswalk of Spring St/Varick St
- New turn lane on Spring St approaching Lafayette St

## Bowery:

- Spring St to Stanton St: bicycle lane

## Stanton St:

- Bowery to Chrystie St: shared lane





Questions?

Thank  
You