



# 12<sup>TH</sup> ST, 13<sup>TH</sup> ST, AND CONNECTIONS CROSSTOWN BIKE LANES

Manhattan Community Board 2 - May 2, 2019

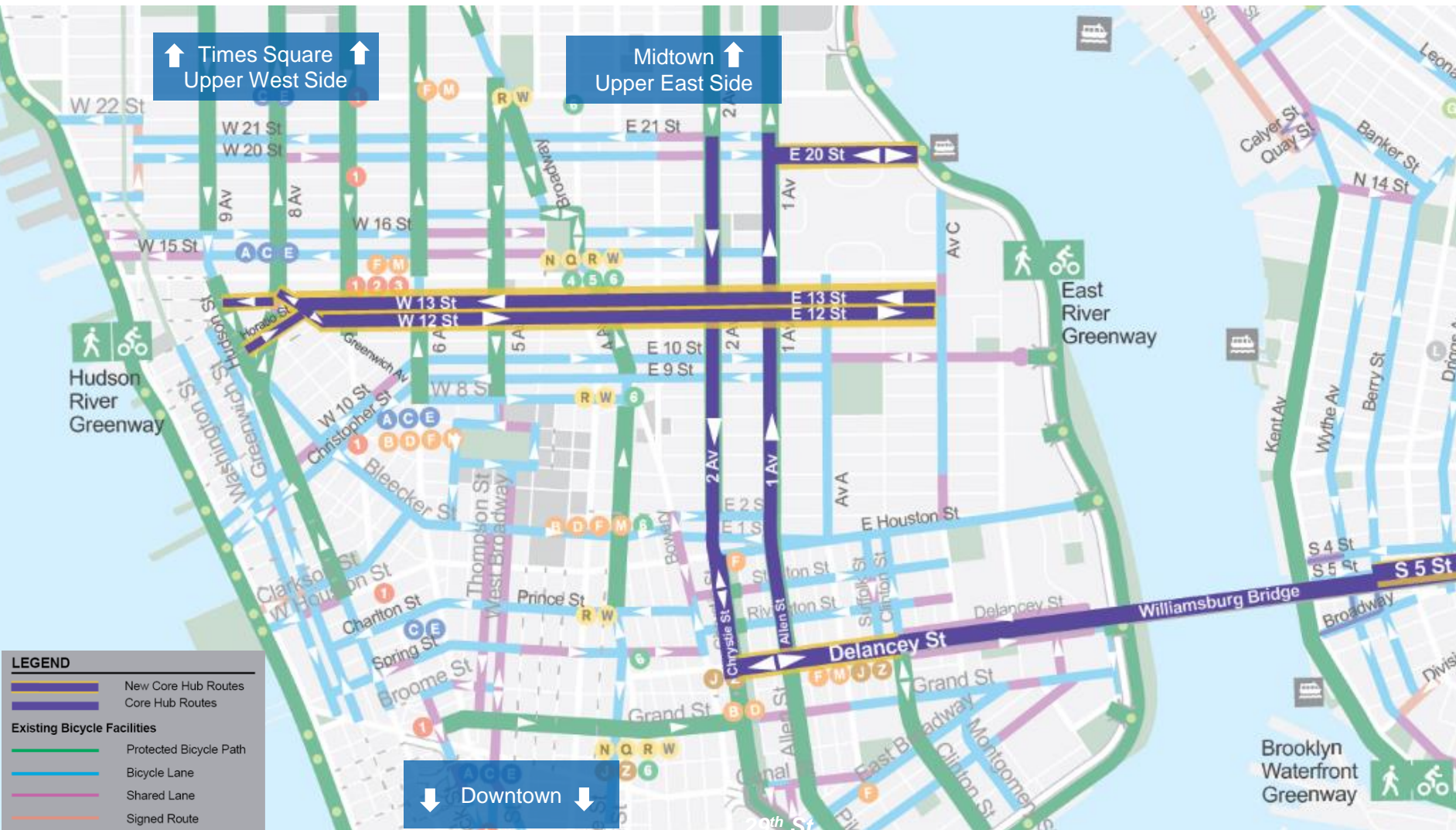




# 12<sup>th</sup> St, 13<sup>th</sup> St, Connections

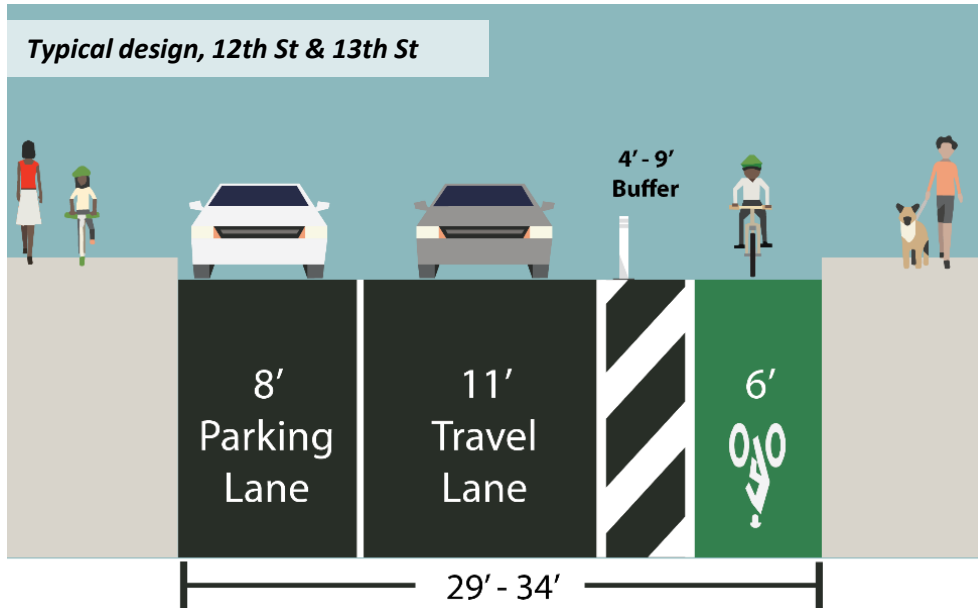
## Project Route and Design

Routes provide crosstown bicycle connections

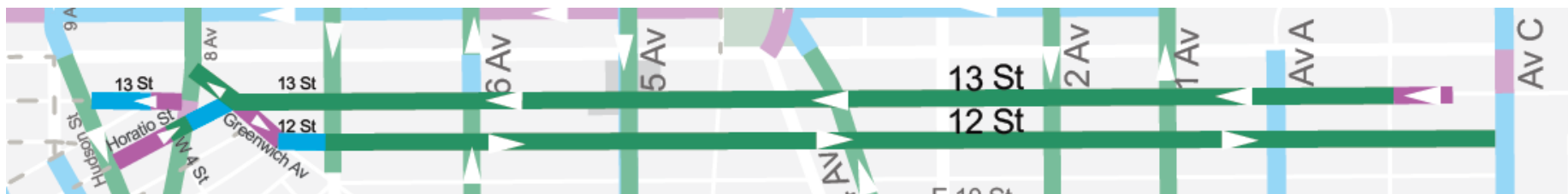


# 12<sup>th</sup> St, 13<sup>th</sup> St, Connections

## Project Route and Design



*Bike lane separated with flexible delineators and painted buffer of varying width*



### Design Justification

- Response to community concerns about original proposal for two-way bike path on 13<sup>th</sup> St
- Design can process higher bicycle volumes more efficiently
- Simplified intersection designs with minimized conflicts in turning movements
- Easier to accommodate pickup & drop-off adjacent to bike lane at key locations





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## Making It Work

### Curb Management & Traffic Flow

- **Turn bays** installed to ease congestion at 8 intersections
- **Left-turn traffic calming** treatments installed to slow vehicles at crosswalk, bike lane at 10 intersections
- Design maintains **emergency access** with wide bike lane clearance
- Updated meter regulations to accommodate commercial vehicles: updated 2 HR Meter Parking to 1 HR, 3 HR Commercial Meters in select locations
- Installed drop-off zone designs for pickup/dropoff adjacent to bike lane (school, health center), adjustments ongoing
- Installed “No Standing 8am - 7pm” zones for passenger pick-up/drop-off



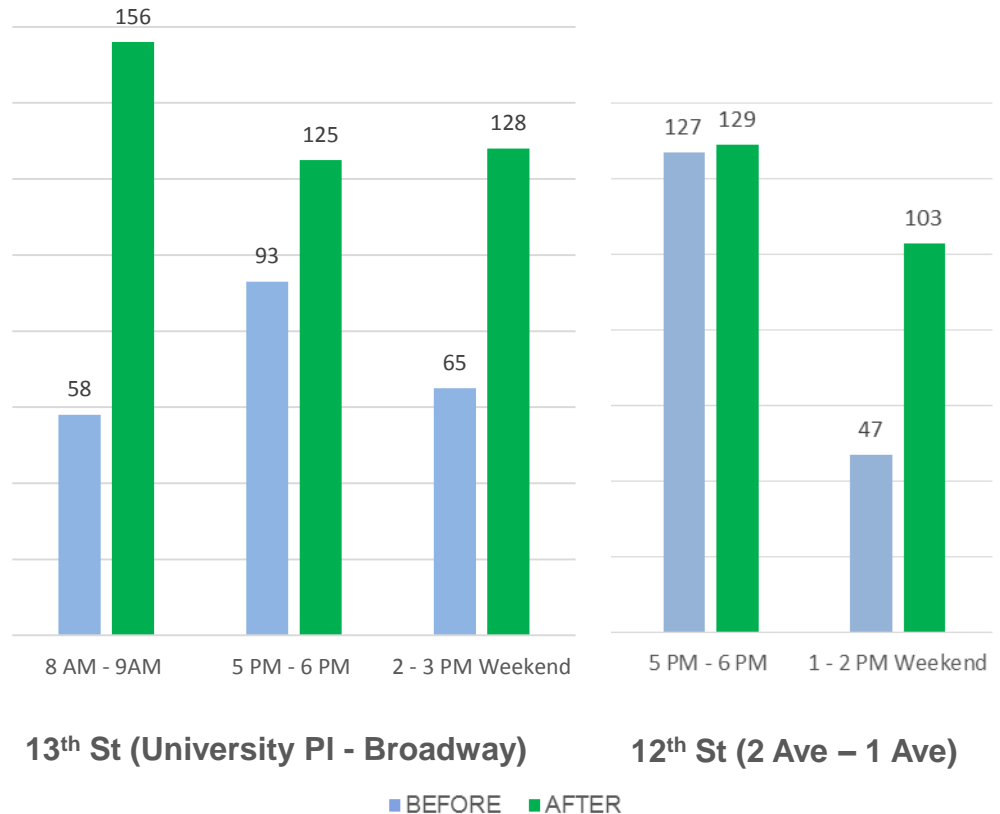
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## Analysis

### Bicycle Ridership Increased During Peak Hours



- Preliminary counts show an increase despite counts collected in colder temperatures and before installation was completed
- Before counts collected Summer (85-90 F), after counts collected Winter/Spring (30s-50s F)
- Ridership expected to continue to increase in warm weather



13<sup>th</sup> St (5<sup>th</sup> Ave - University Pl)

13<sup>th</sup> St (University Pl - Broadway)

12<sup>th</sup> St (2 Ave - 1 Ave)

BEFORE AFTER



# 12<sup>th</sup> St, 13<sup>th</sup> St, Connections

## Remaining Work

**Markings implementation** started in September 2018 and was put on hold December 2018 for the winter due to weather and construction overlap

### Remaining work to be installed Spring 2019

- Green paint and lane lines (currently underway)
- Bike symbol markings
- Parking regulation & meter updates
- Additional flexible delineators

### Updates based on feedback, examples include:

- No Standing 8am – 7pm (instead of No Standing Anytime) to allow for overnight parking at select locations
- 13<sup>th</sup> St at Greenwich Ave – Signal timing and left turn geometry
- Lenox Health Center dropoff zone design





# THANK YOU!

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## Questions?



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