VARICK ST,
FROM CLARKSON/CARMINE ST TO KING ST

Manhattan CB 2
May 2, 2019
PROJECT LOCATION

Varick St between Clarkson St – Carmine St and King St

Clarkson St
W. Houston St
Carmine St
Varick St
Downing St
W. Houston St
King St
### BACKGROUND

- Houston St & Varick St is a Vision Zero Priority intersection
  - From Jan 2012 through June 2016, 23 pedestrian injuries, including 3 severe injuries
- Spillback from Holland Tunnel often extends to this area
- In 2016, painted neckdown installed on southwest corner of Houston St & Varick St
  - Helps protect south crosswalk from heavy volume of westbound left-turning vehicles
  - Southbound right lane on Varick St approaching Houston St made right-turn-only
- In 2018, parking protected bike lane installed on 7 Ave S between W 11 St and Carmine St
  - No. of through lanes reduced from 4 to 3
- Motorists ignore southbound right-turn-only lane and drive through the neckdown
ISSUES

- Motorist ignore southbound right-turn-only lane and drive through the neckdown on the southwest corner of Houston St & Varick St
ISSUES

- Traffic signs at this intersection are inconspicuous
- Frequent queue spillback from Holland Tunnel
Proposed

- Extend parking-protected bike lane 1 block south to Houston St
  - Painted islands at southeast corner of Carmine St and northeast corner of Houston St
- Install concrete splitter island on eastbound approach of Clarkson St
- Remove right-turn-only lane
- Relocate painted neckdown on Houston St and Varick St from southwest corner to southeast corner
**BENEFITS**

- South crosswalk at Carmine/Clarkson St:
  - Shortened crossing distance
  - Exposure to eastbound right turning vehicles eliminated
- North crosswalk at Houston St
  - Shortened crossing distance
- South crosswalk at Houston St
  - Maintains shortened crossing distance
  - Eliminates driver temptation to drive over neckdown
- Extends bike lane 1 block south
- Three continuous lanes of traffic on right side
  - Fourth lane on left side after Houston St
THANK YOU!

Questions?