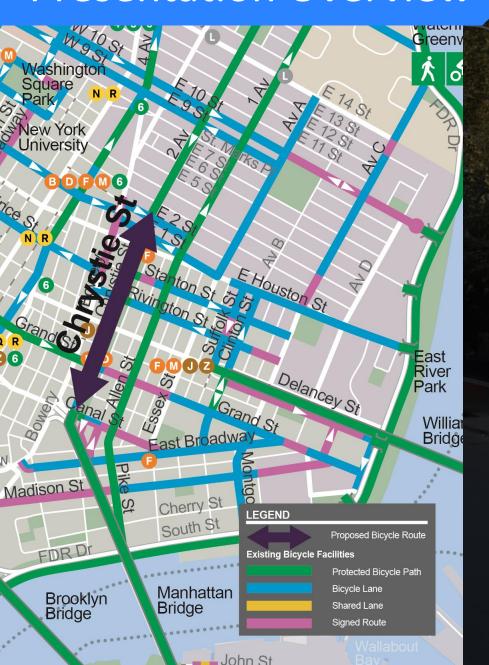




## **Presentation Overview**



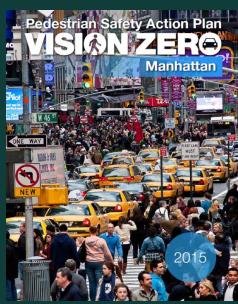
- Background
- Existing Conditions
- Issues
- Proposal
- Summary

### Safety – Vision Zero

#### **Vision Zero**

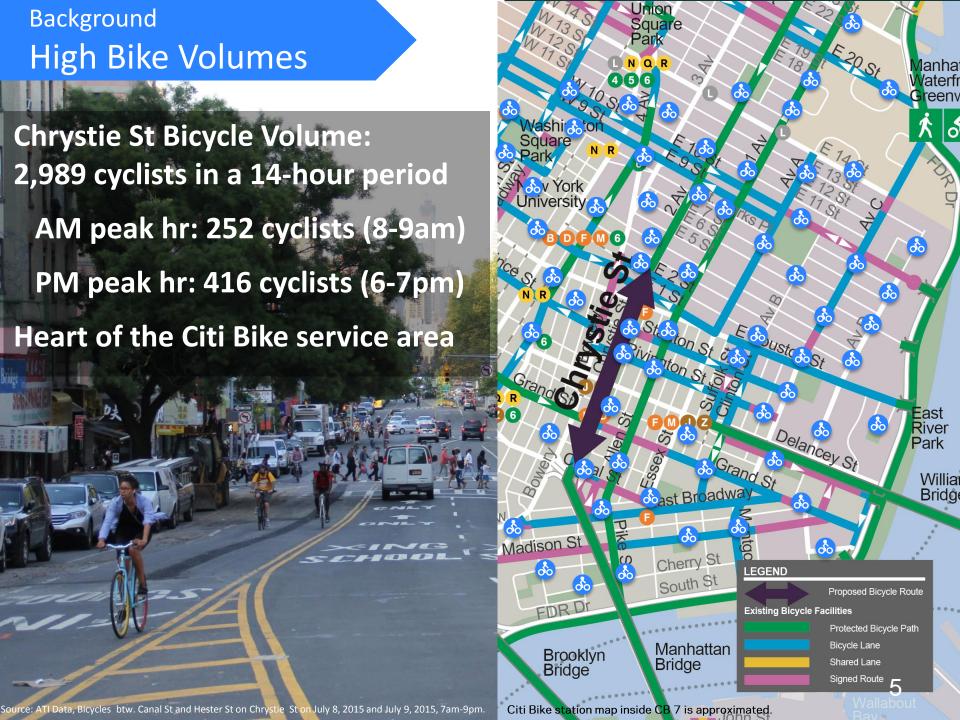
- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough
  - 2nd Ave Priority Corridor











#### Background

### **Community Concerns**







March 4, 2015

Margaret Forgione
Manhattan Borough Commissioner
New York City Department of Transportation
59 Maiden Lane
37th Floor
New York, NY 10038

Dear Borough Commissioner Forgione,

We are writing to you regarding Chrystie Street on the Lower East Side and Chinatown. Our offices have been contacted regarding safety concerns on this street and in its immediate area.

This corridor is surrounded by a park and open spaces, schools, senior and health centers, and several community organizations. Community Board 3 has unanimously passed a resolution, attached, asking the Department of Transportation (DOT) to evaluate the street's safety. As you may know, we believe it is important to take into account the concerns of the local community board when it speaks so strongly. We appreciate your consideration of its position.

We ask DOT to study this area quickly, work closely with the community on any next steps, and keep our offices informed. Should you have any questions, you may contact any of us, or Senator Squadron directly at 212-298-5565.

Sincerely,

Daniel Squadron State Senator Nydia Velazquez Congress Membe Gale A. Brewer

Manhattan Borough President

Sheldon Silver

Assembly Member

Margaret Chin Council Member



### THE CITY OF NEW YORK MANHATTAN COMMUNITY BOARD 3

59 East 4th Street - New York, NY 10003 Phone (212) 533-5300 - Fax (212) 533-3659 www.cb3manhattan.org - info@cb3manhattan.org

Gigi Li, Board Chair

Susan Stetzer, District Manager

March 2, 2015

Hon. Polly Trottenberg, Commissioner NYC Department of Transportation (DOT) 55 Water Street, 9th Floor New York, NY 10041-0004

Dear Commissioner Trottenberg:

At its February 2015 monthly meeting, Community Board 3 passed the following resolution:

VOTE: Community Board 3 Resolution Requesting Safety Improvements for Chrystie Street

WHEREAS, Chrystie Street's road design has not been adjusted for 7 years, since the 2008 Manhattan Bridge Bicycle Access Network installation that brought traffic calming and bike lanes to the area. Cycling ridership has grown tremendously in the years following DOT's upgrades to the Manhattan Bridge, in particular along Chrystie Street for the northbound AM and southbound PM rush hours: and

WHEREAS, Second Avenue has seen a surge of bicycling usage since the introduction of its protected bike lane, which feeds directly into southbound Chrystie Street. The Second Avenue bike lanes were installed during the 2010 First Avenue/Second Avenue Select Bus Service installation: and

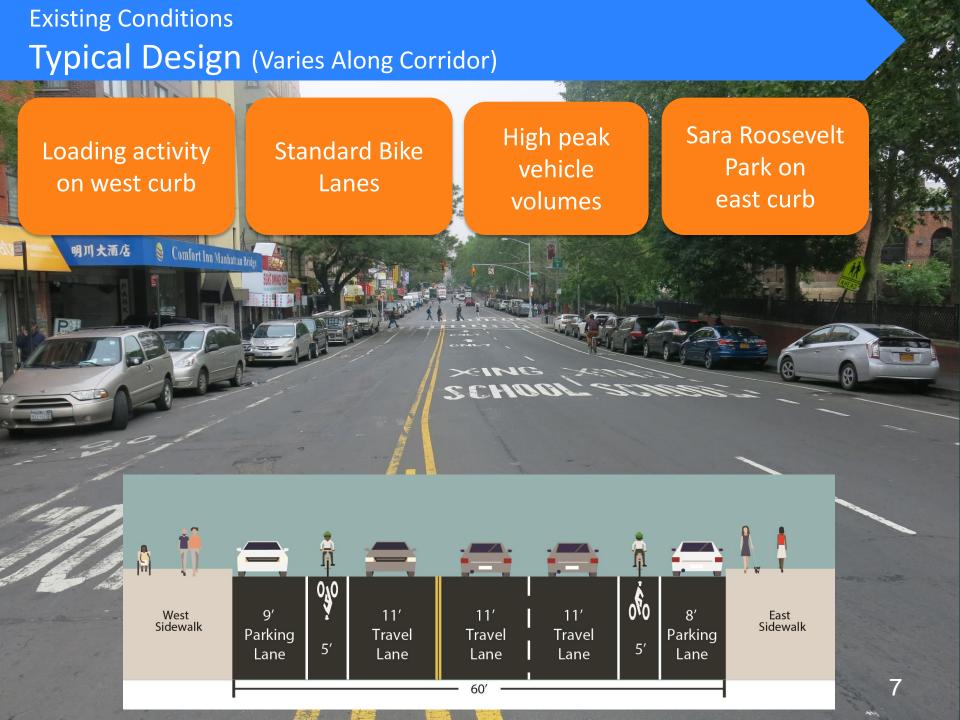
WHEREAS, current conditions on Chrystie Street all but guarantee hazards for cyclists and drivers alike with severely faded bike lanes in the southbound direction, and with uneven and hummock-filled surfaces because of heavy truck and bus traffic; and

WHEREAS, southbound cyclists must regularly contend with double parked vehicles and garage driveways blanketing the west side of the street; and

WHEREAS, southbound cyclists must regularly make a confusing and dangerous transition at East 2nd Street (just before Houston Street) from the protected bike lane on the east side of Second Avenue to get over to the unprotected, faded bike lane on the west side of Chrystic Street; and

WHEREAS. Vision Zero's first year of record has seen marked reductions in crashes

CB 3 and Elected Officials (District, City, and State) requested DOT study of Chrystie St





### **Existing Conditions**

### Issues – Southbound Cyclist Connectivity



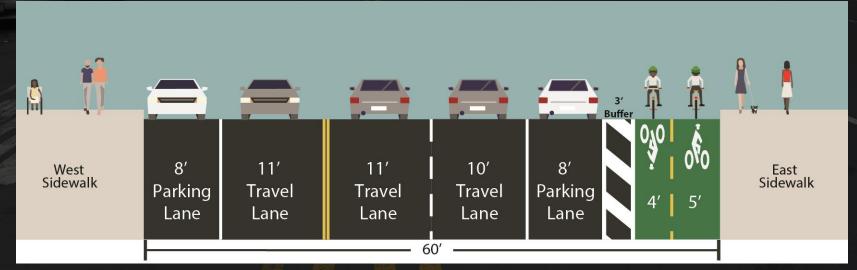


## Typical Treatment (Varies Along Corridor)

# Two-way protected bike lane

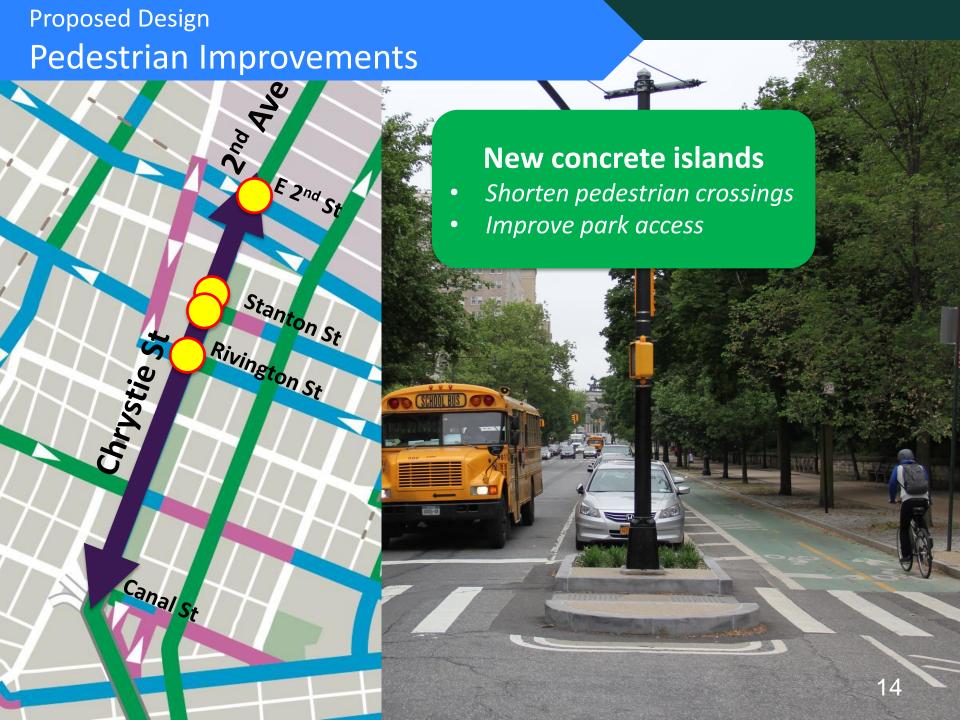
- Separates cyclists from traffic
- Removes conflict with loading/double parking
- Eliminates need for SB cyclists to cross the street

**Existing Travel Lanes Retained** 



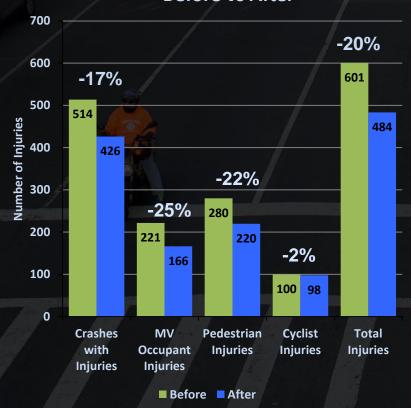






# Design Safety

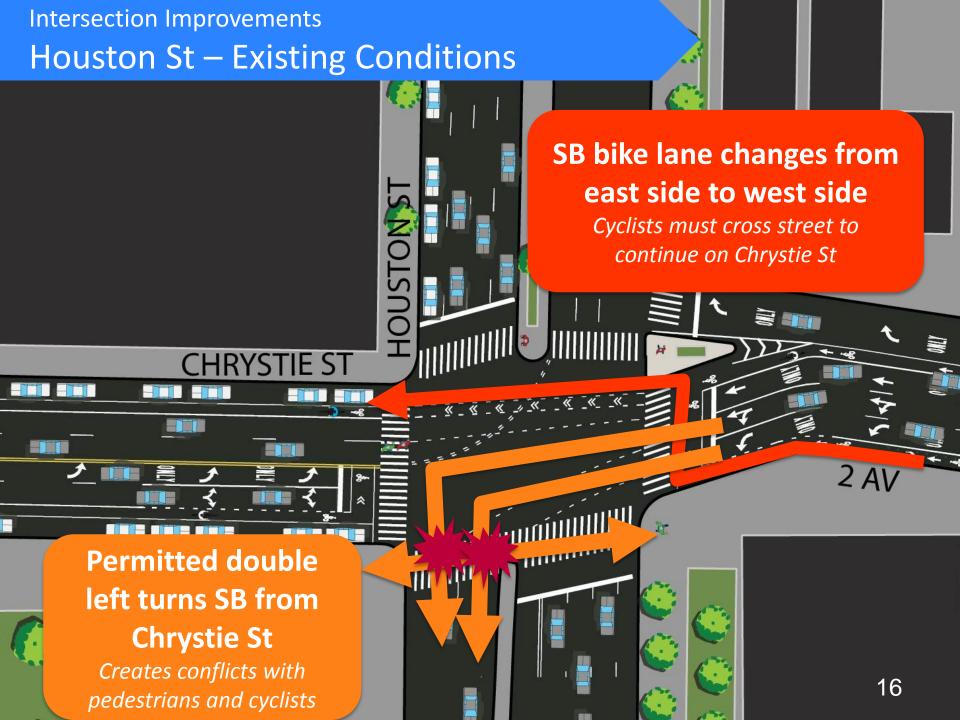
# Protected Bicycle Lanes with 3 yrs of After Data: Before vs After

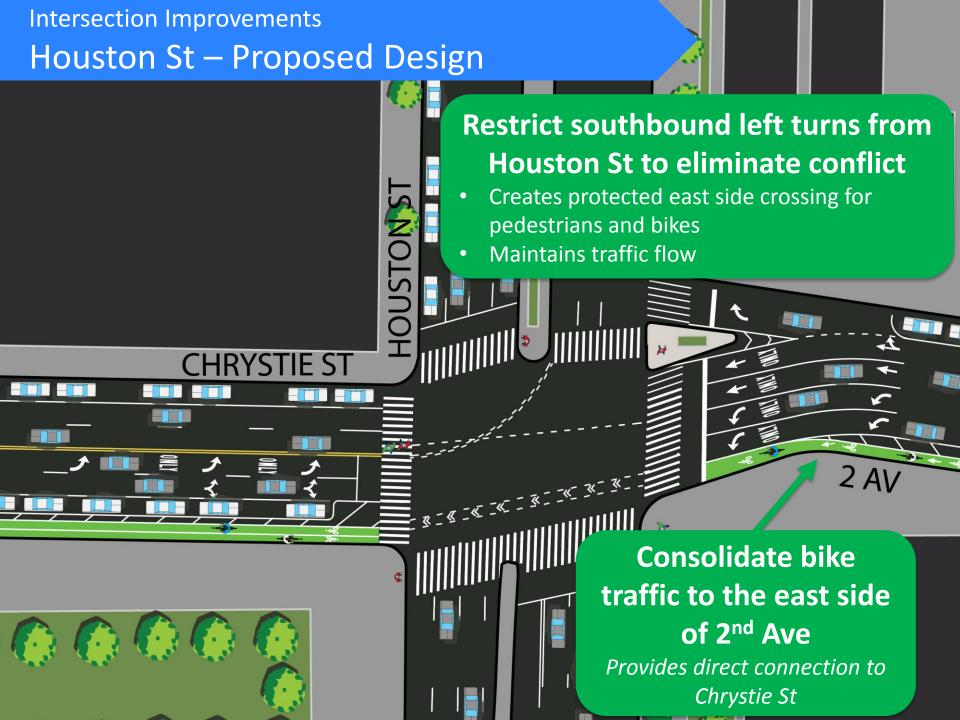


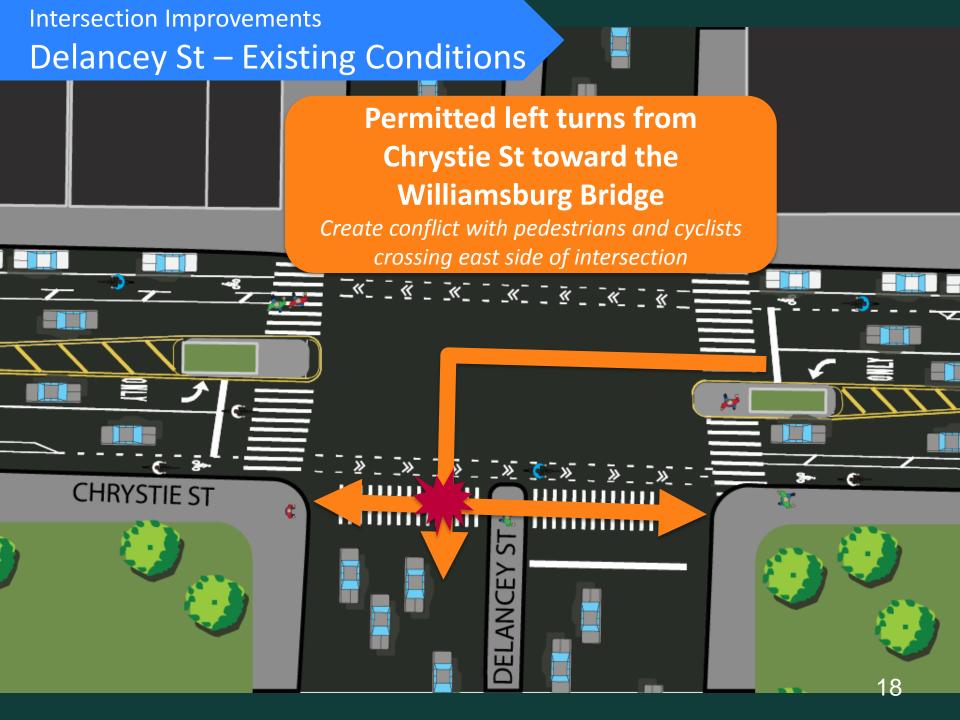
Protected bicycle lane projects with 3 years of after data include the following: 9<sup>th</sup> Ave (16<sup>th</sup>-31<sup>st</sup>), 8<sup>th</sup> Ave (Bank-23<sup>rd</sup>, 23<sup>rd</sup>-34<sup>th</sup>), Broadway (59<sup>th</sup>-47<sup>th</sup>, 33<sup>rd</sup>-26<sup>th</sup>, 23<sup>rd</sup>-18<sup>th</sup>), 1<sup>st</sup> Avenue (Houston to 34<sup>th</sup>), 2<sup>nd</sup> Ave (Houston-34<sup>th</sup>), Columbus Ave (96<sup>th</sup>-77<sup>th</sup>) Note: Only sections of projects that included protected bicycle lanes were analyzed Source: NYPD AIS/TAMS Crash Database

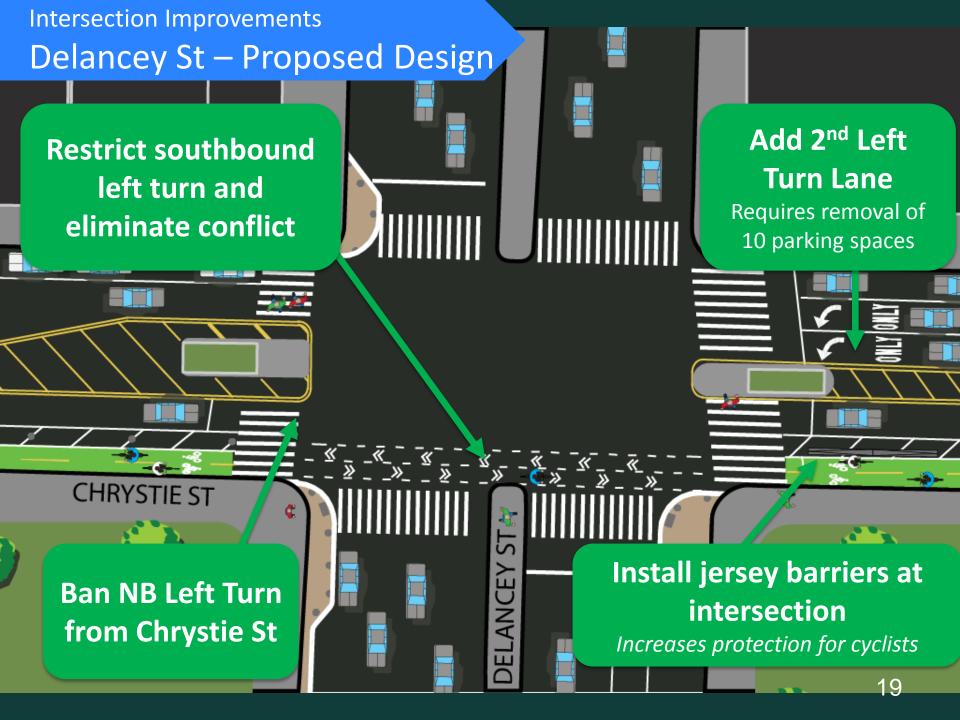
In general protected bike lanes in Manhattan improve safety for all users:

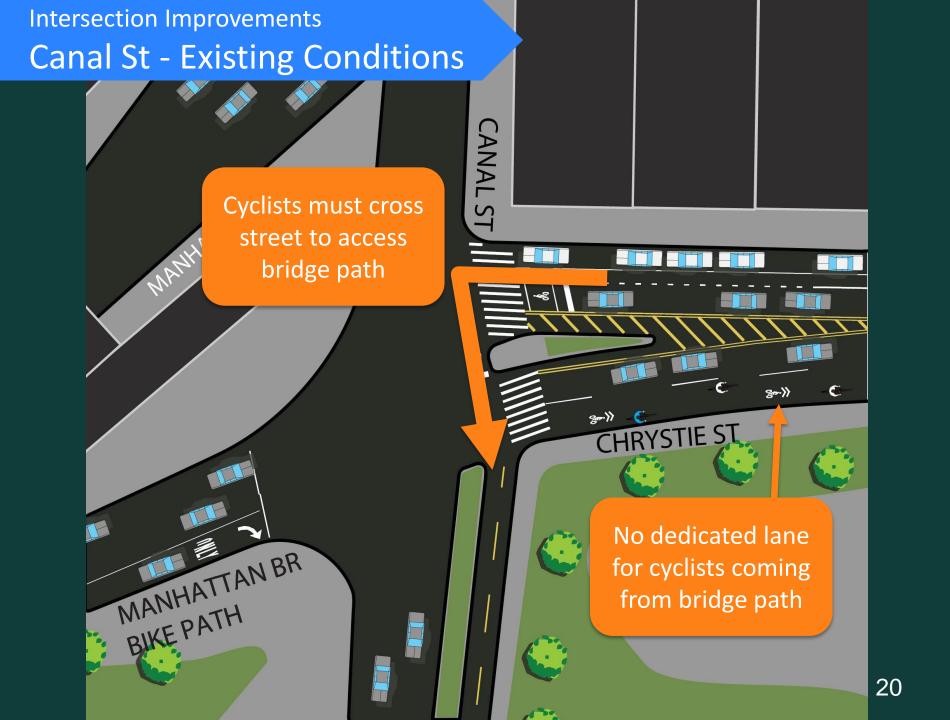
- Total injuries have dropped by 20%
- Crashes with injuries have been reduced by 17%
- Pedestrian injuries are down by 22%
- Cyclist injuries show a minor improvement even as bicycle volumes have dramatically increased

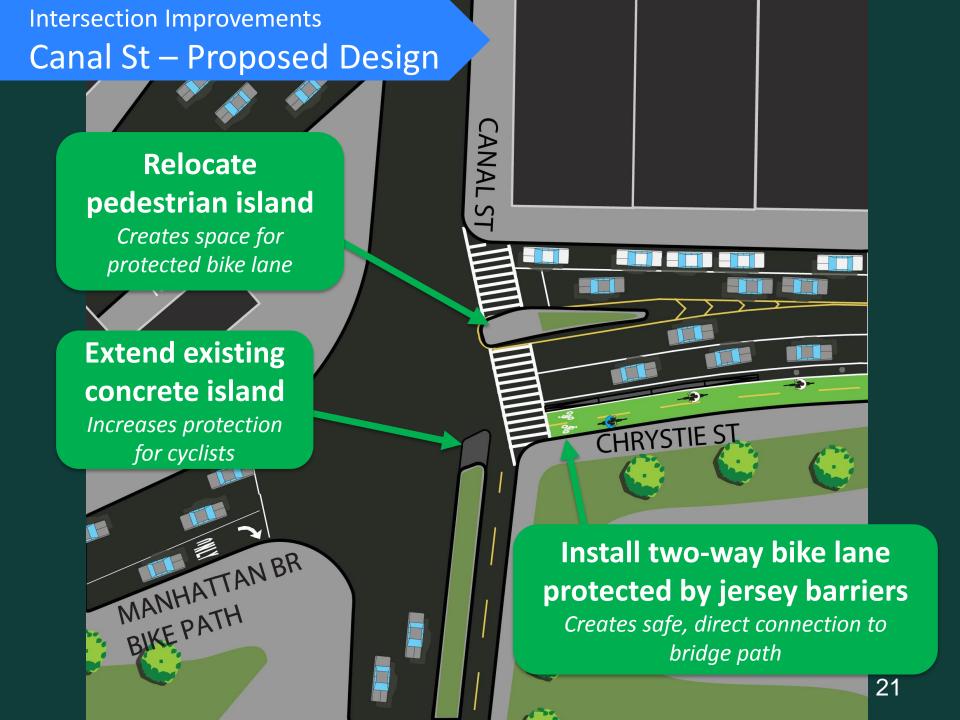














#### Summary E2QSt **Manha** aterfr reenv ashinato lew York University Stanton St & & E Houston St Rivington St 5 East River Delancey St Park Grand St Willia Bridae Madison St Cherry St **LEGEND** South St Proposed Bicycle Route FDR Dr **Existing Bicycle Facilities** Protected Bicycle Path Bicycle Lane Manhattan Brooklyn Bridge Bridge John St

### **Chrystie Street**

## Install 2-way protected bike lane on east curb

- Increases cyclist safety
- Improves connections from 2nd Ave to Manhattan Bridge Path

#### **New concrete islands**

Reduce pedestrian crossing distances

# Left turn restrictions Houston St, Delancey St and Grand St

Improve safety for pedestrians and cyclists

### Neighborhood street design

Provide safety benefits for all users

#### Signal timing adjustments

Will maintain traffic flow

Questions?

Thank You