

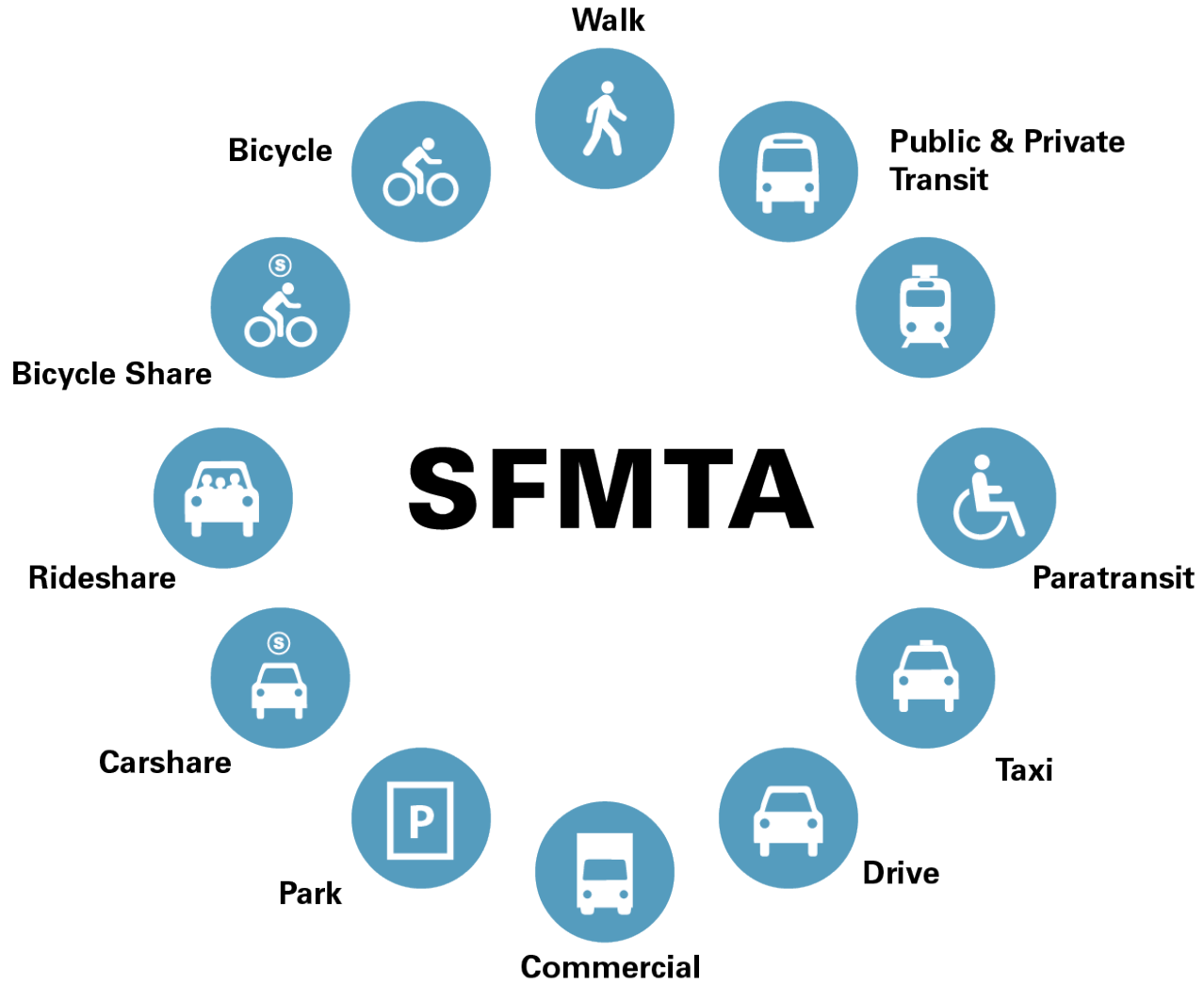


**SFMTA**

Municipal  
Transportation  
Agency

# Pedestrian and Bicycle Improvements in Balboa Park Station Area

Jamie Parks & Jen Wong, SFMTA, Livable Streets  
December 15, 2015 Balboa Park Station CAC Monthly Meeting



# Vision Zero SF

Zero traffic deaths in  
San Francisco by 2024



[visionzerosf.org](http://visionzerosf.org)



Engineering



Education



Enforcement



Evaluation



## TOOLS & DESIGN

### **Better Streets Plan**

December 2010



## CIVIC LEADERSHIP

### **Mayor's Directive**

December 2010



## DATA & ANALYSIS

### **WalkFirst Phase I**

September 2011



## STRATEGIC GOALS

### **Pedestrian Strategy**

April 2013



## CAPITAL PLAN

### **WalkFirst Phase II**

February 2014



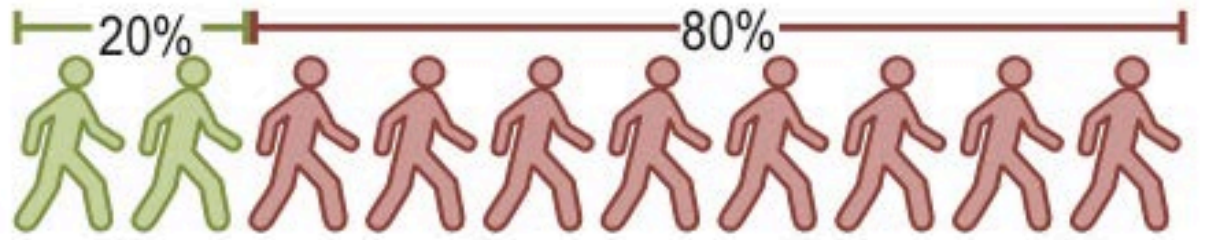
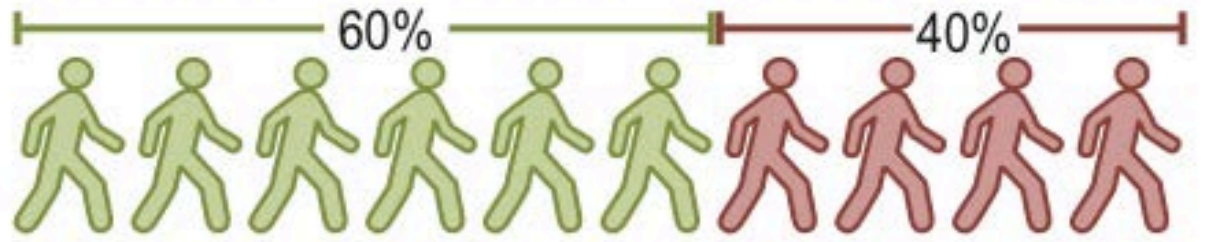
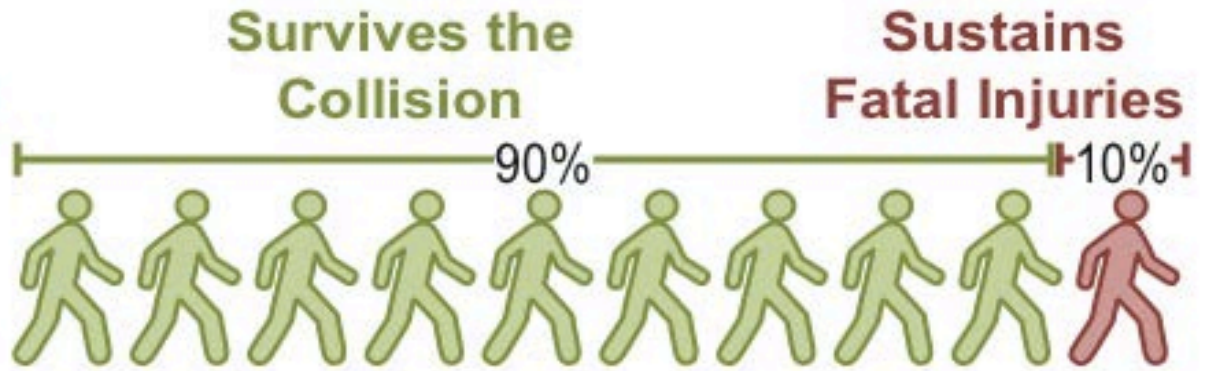
## NEW VISION

### **Vision Zero**

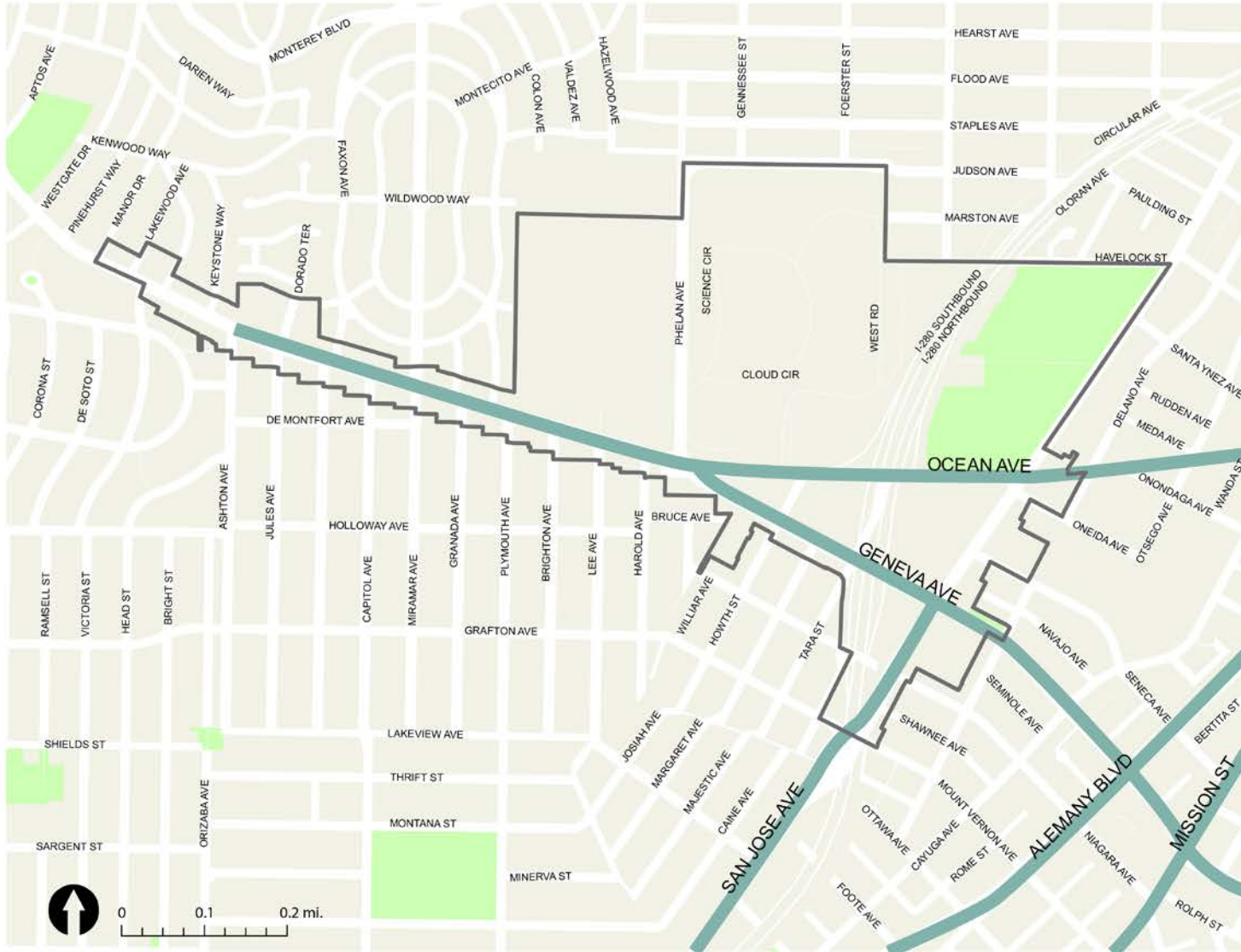
March 2014

# Vehicle Speed & Risk of Serious Injury

If hit by a  
vehicle going:

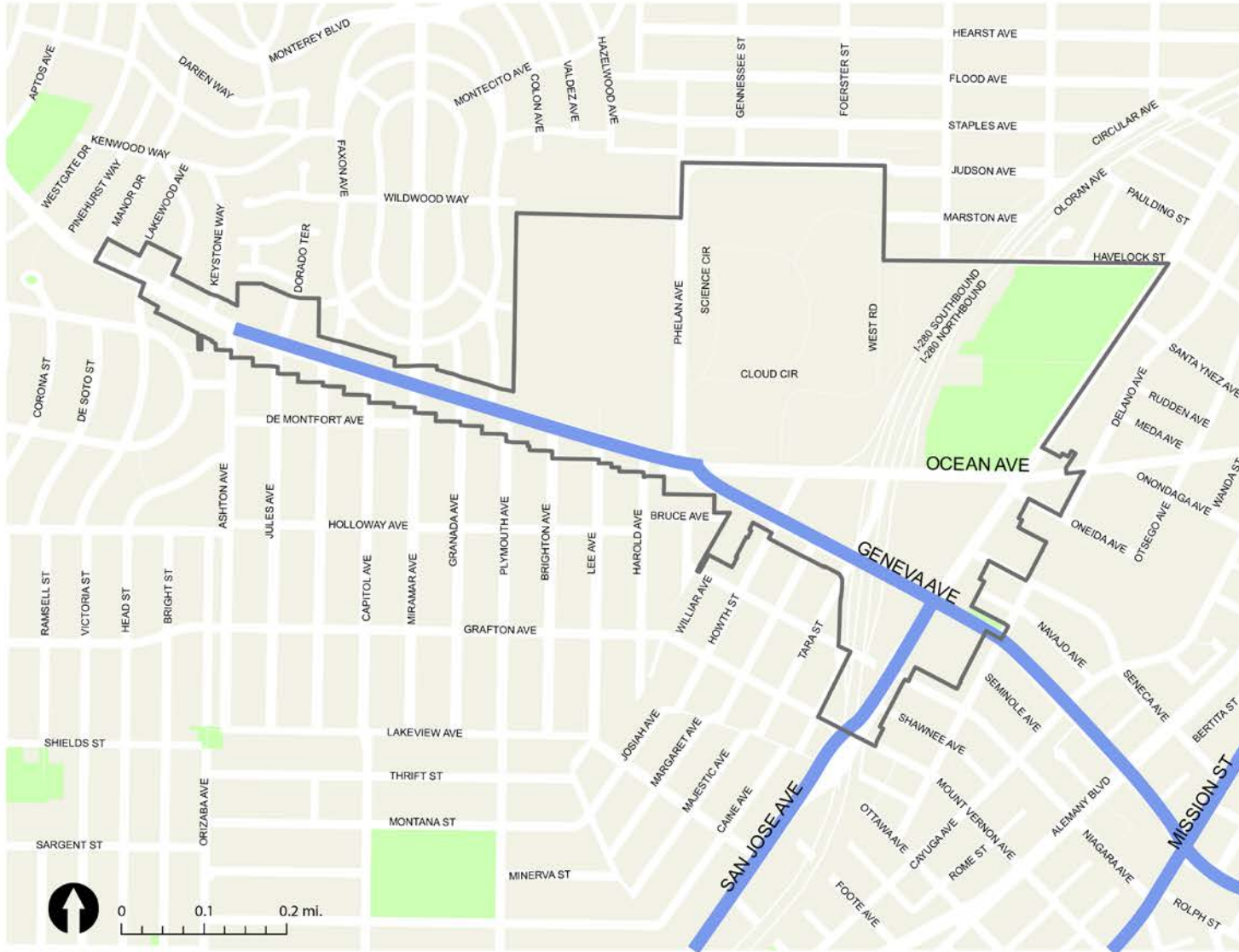


# Vision Zero High Injury Network





# Pedestrian High Injury Network



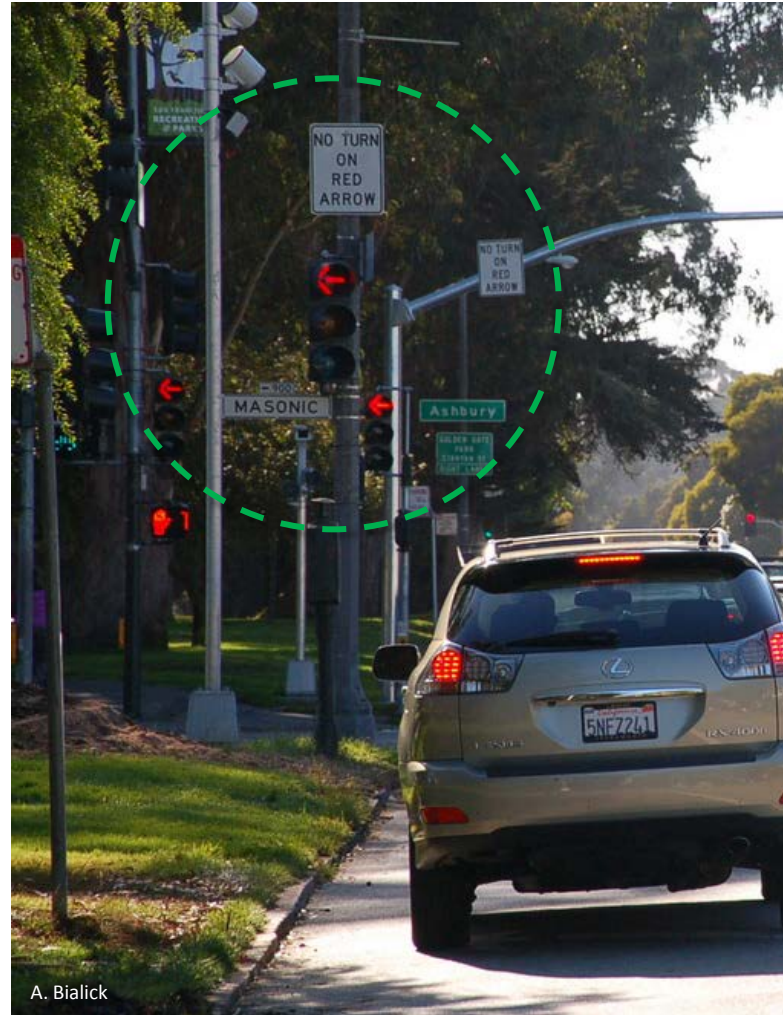
# Cycling High Injury Network







## Protected left turns



A. Bialick



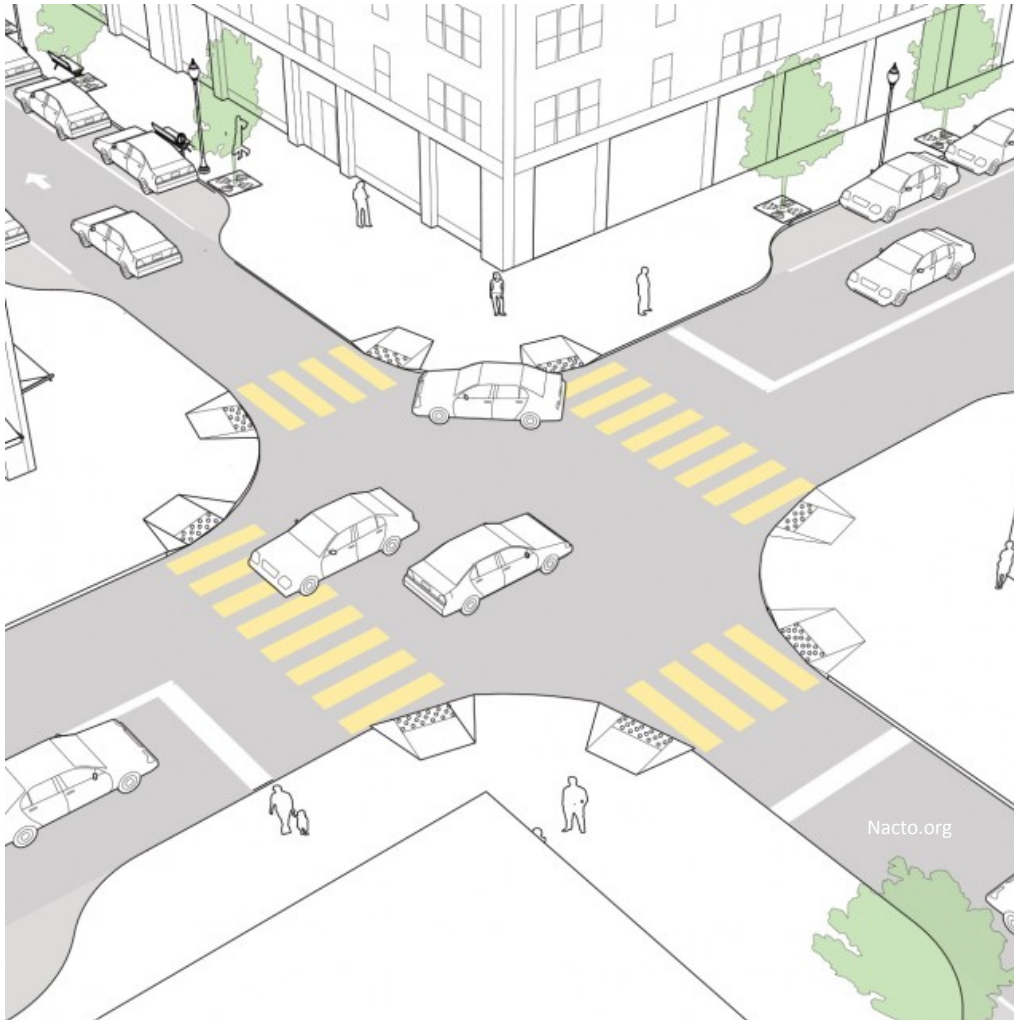
## Turn prohibitions



## Leading pedestrian interval (pedestrian head start)



## Continental crosswalks/ High-visibility crosswalks

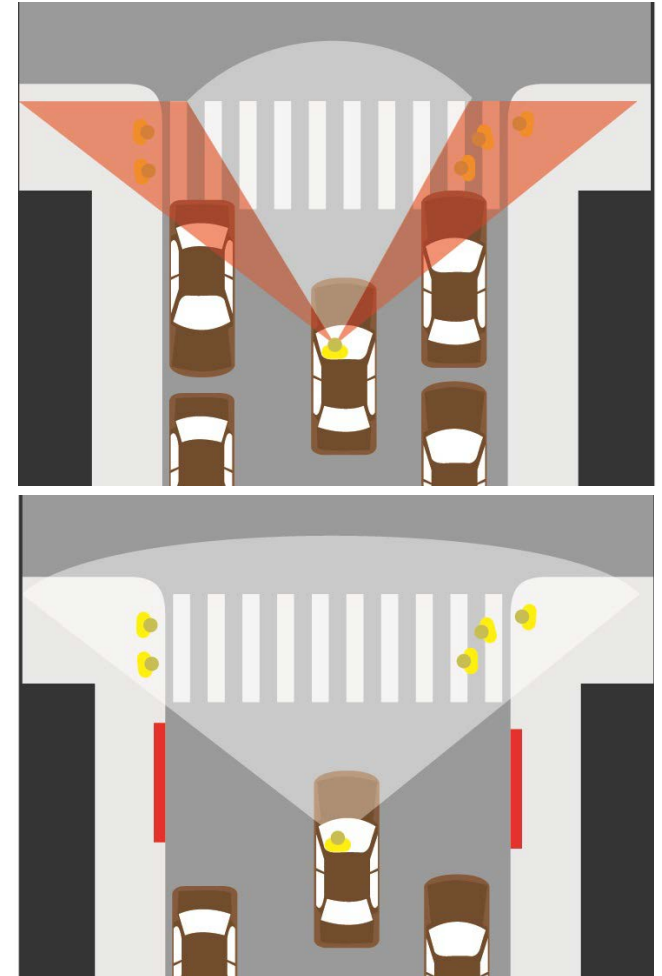
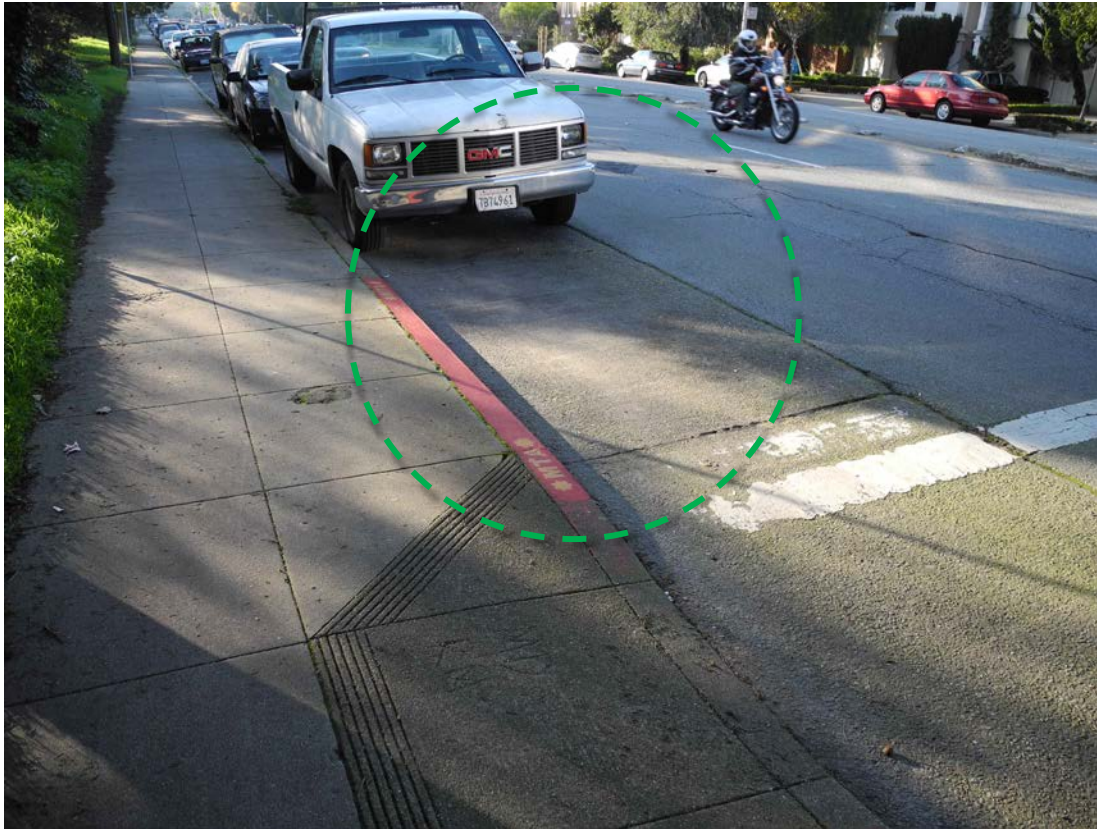




## Advanced yield lines/ Advanced stop bar



## Daylighting/ Red visibility curb





## Painted safety zones



## Sidewalk bulbouts Transit bulb





## Refuge islands





## Raised crosswalks



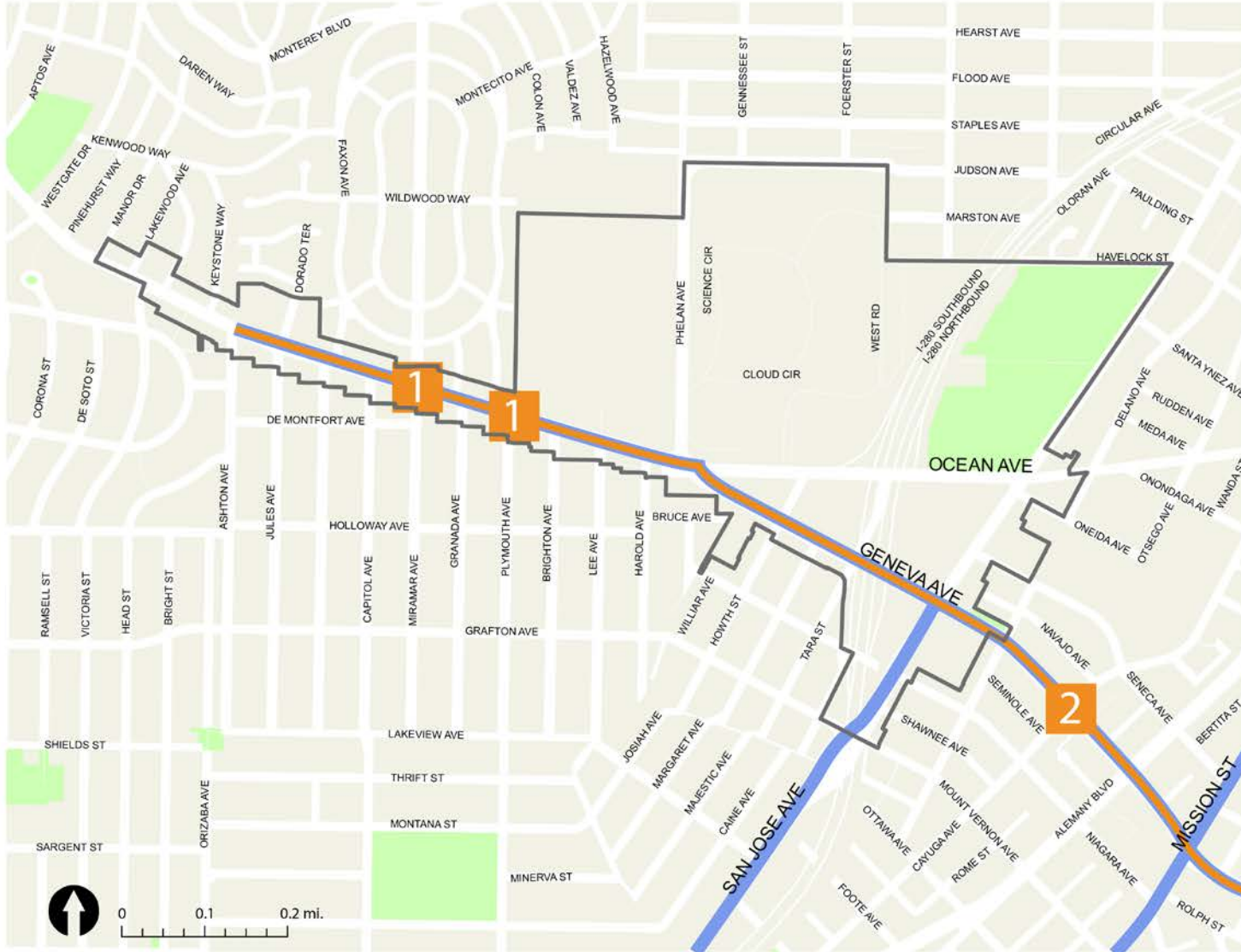
## Pedestrian countdown signals



Wikipedia.org



# Vision Zero Capital Improvement Projects

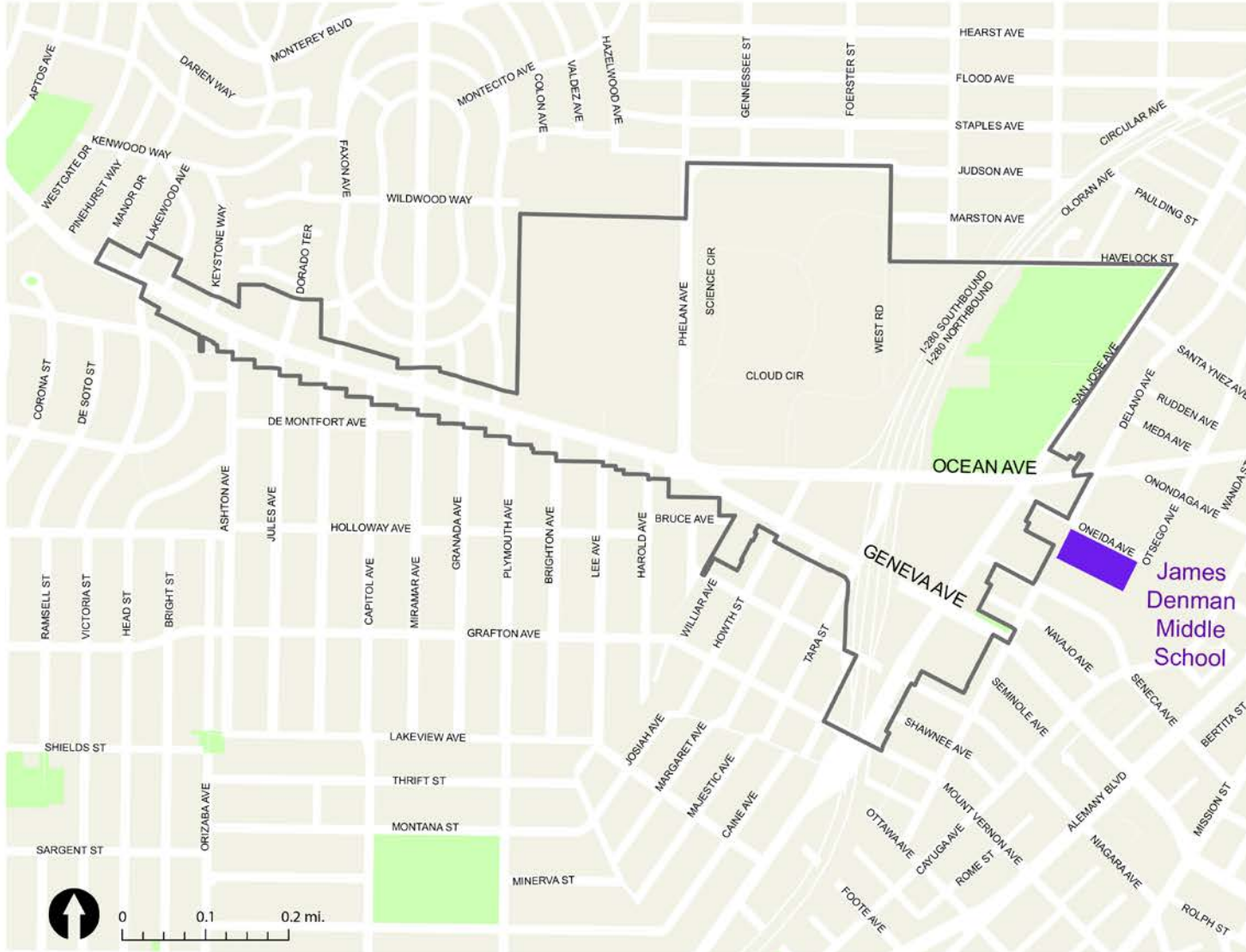


1. Pedestrian safety treatments, including signal timing changes and continental crosswalks
2. New traffic signals

 Pedestrian High Injury Network

# Quick & Effective Pedestrian Improvements





## Ocean Avenue at Ostego:



1. ADA curb ramps
2. Sidewalk bulbouts

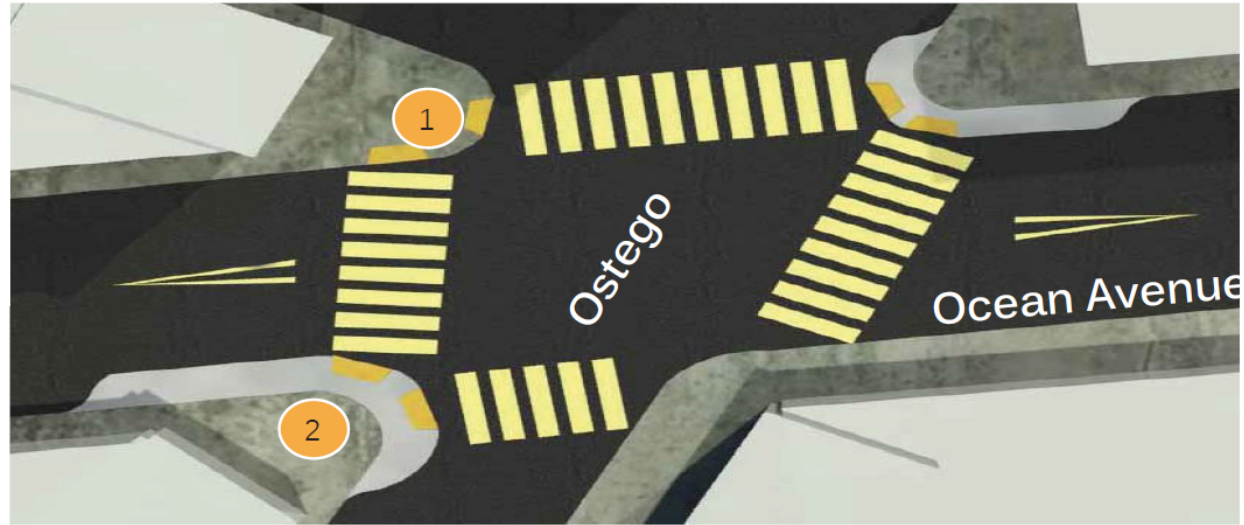
## Alemny Boulevard at Onondaga:

1. ADA curb ramps
2. Sidewalk extension
3. Replace signal poles and signal heads






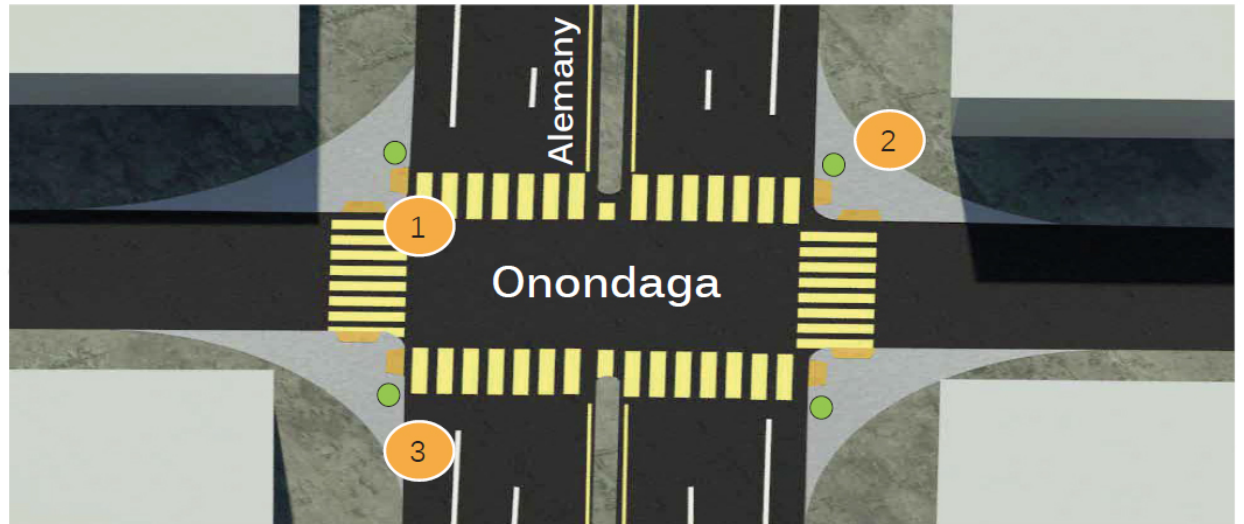
## Denman Improvements

- 1 ADA Curb Ramps 
- 2 Bulbed-out Sidewalks 

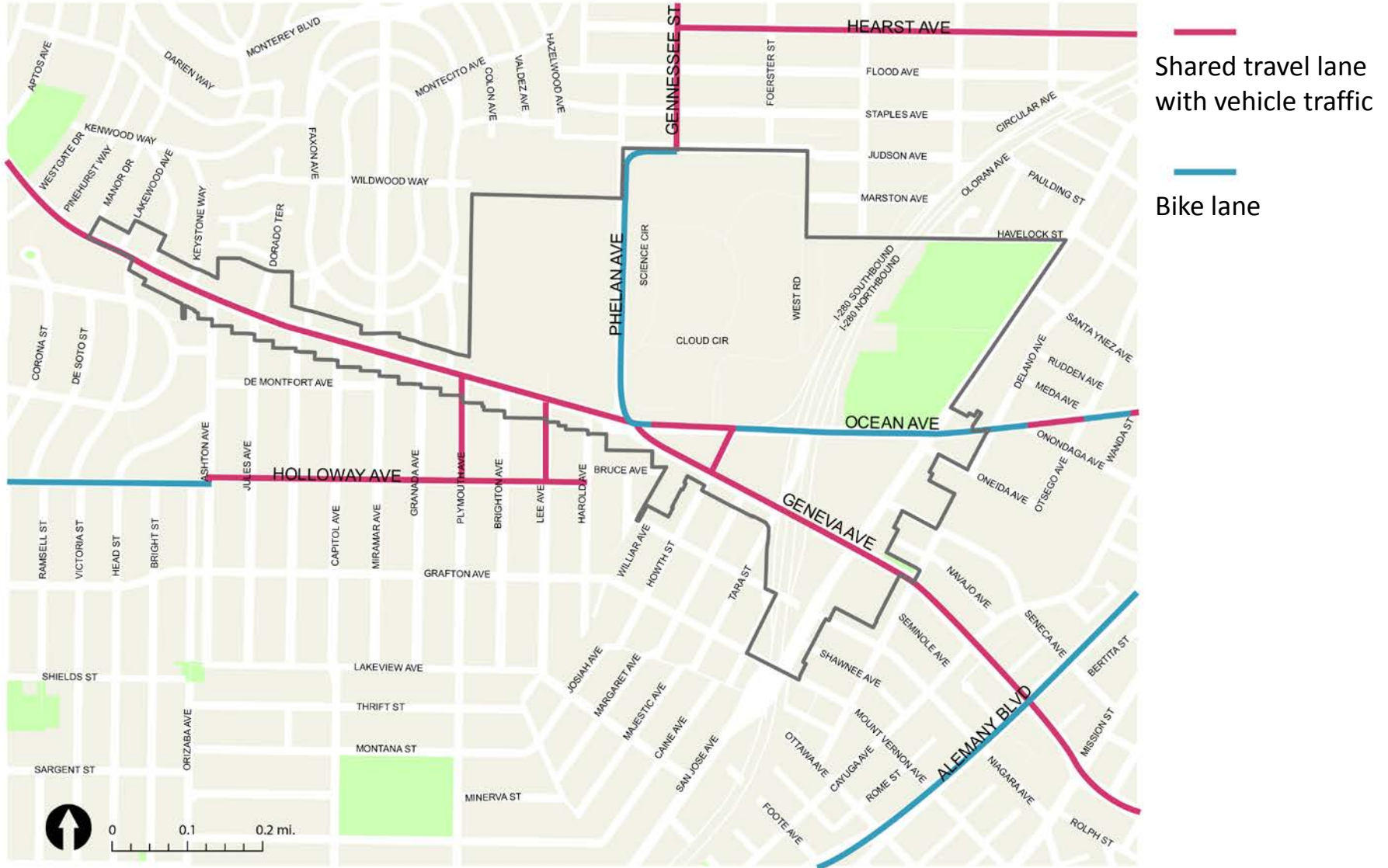


## Denman Improvements

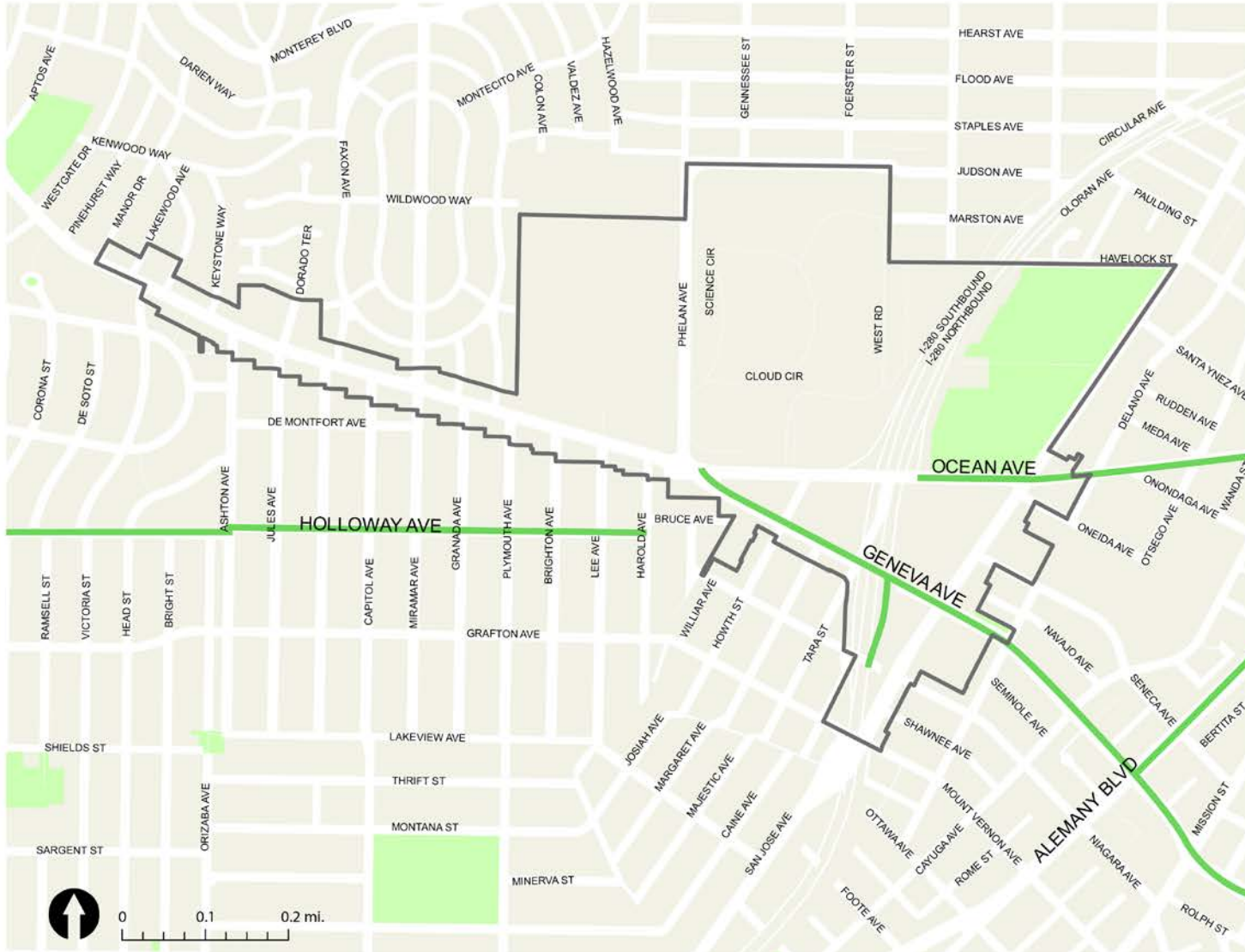
- 1 ADA Curb Ramps 
- 2 Extended Sidewalks 
- 3 Replace Signal Poles & Heads 



# Existing Bike Network



# Potential Bike Improvements

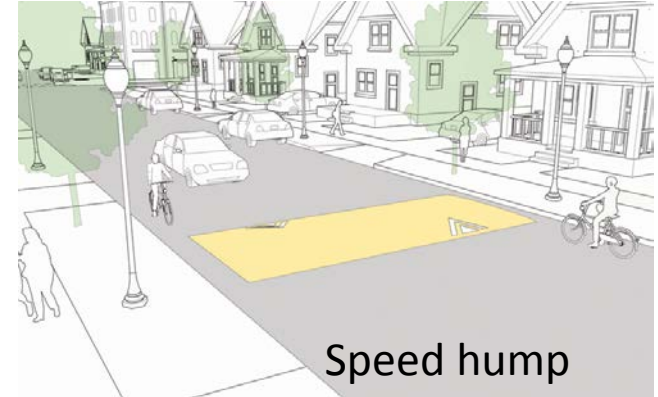


Potential new bike infrastructure or upgrade existing bike infrastructure

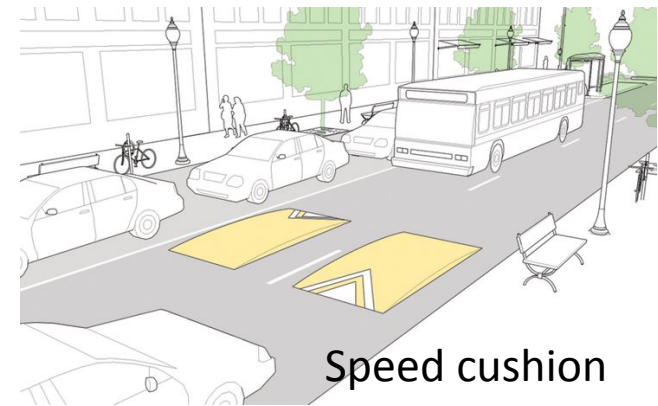
- Informed by the Bike Strategy, a comprehensive needs assessment and prioritization study
- Currently scoping out what is feasible and incorporating into SFMTA’s 5-year Capital Improvement Program (FY 2017-2021)



Traffic calming consists of a combination of physical design and other measures that are put in place on roads for the intention of altering, slowing down, or reducing motor-vehicle traffic, and improving safety and the quality of conditions for non-motorized street users.



Speed hump



Speed cushion



Other measures

## Application

- Resident submits an application
- Collect petition signatures

## Evaluation & Ranking

- SFMTA staff collect data
- Rank applications based on variety of factors

## Inform Applicants

- Applicants will be informed of whether or not their location will receive a traffic calming project

## Determine Project List

- Review project locations and determine whether speed hump is appropriate or other measures

## Inform & Ballot Neighbors

- Residents vote on whether they want traffic calming implemented on their street

## Design & Approval

- SFMTA staff finalize design
- Bring proposals through SFMTA public hearing process

## Construction

- Traffic calming measures are constructed



# How we move forward

- Continued support from our city's elected officials and decision makers
- Strong voices from our community partners
- Continued cooperation and collaboration with other city agencies
- Effective use of current and new funding on impactful projects and programs

# Thanks!

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Jen Wong  
jennifer.wong@sfmta.com