

# Vision Zero Ramp Intersection Study: Phase 1

Citizen Advisory Committee  
Agenda Item 11



**SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY**

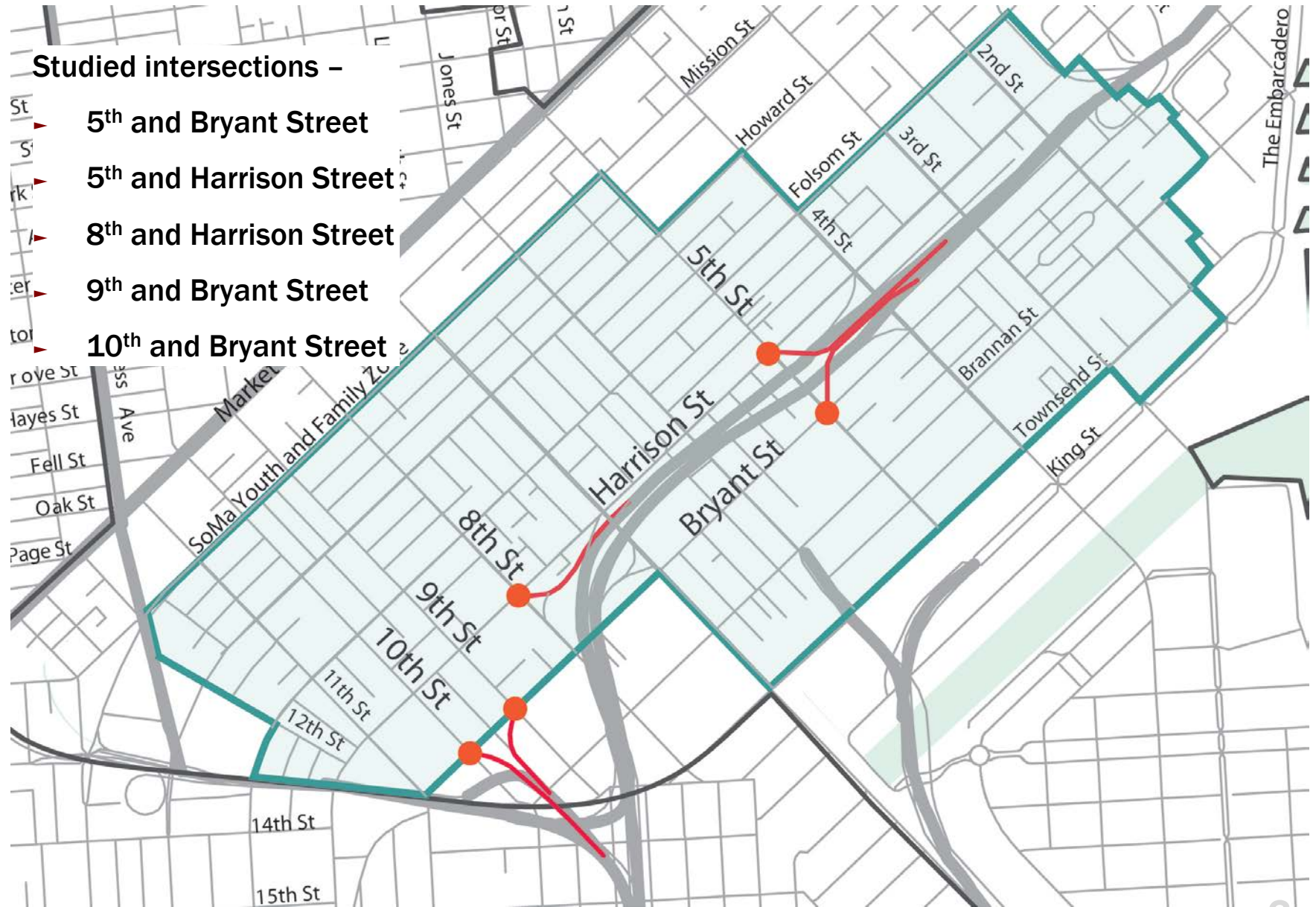
**April 25, 2018**

# Project Overview

- ▶ **Funded by Prop K D6 NTIP Planning**
- ▶ **Purpose:**
  - ▶ **Improve traffic safety for all modes at SoMa freeway ramp intersections**
  - ▶ **Develop low-cost, near term improvement concepts**
- ▶ **Five freeway ramp intersections selected based on:**
  - ▶ **Location — South of Market Youth and Family Zone**
  - ▶ **Traffic collisions**
  - ▶ **Not included in other planning efforts**

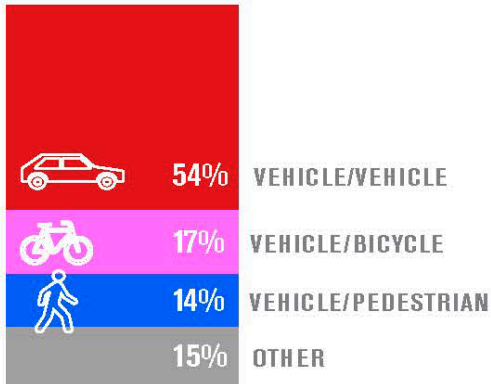


# Study Area



# Existing Conditions

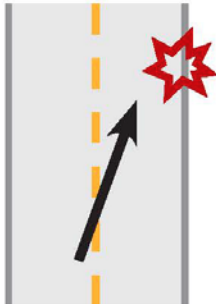
## Analysis



The majority of collisions occurred between vehicles, including motorcycles. ("Other" includes bike-pedestrian, emergency vehicle, motorcycle only, and vehicle only.)



Collisions involving left-turning vehicles were the most common collision type overall.



All five fatal collisions appear to involve a vehicle losing control on or near a ramp, and most involved impact with a median or guardrail.



Pedestrian and Bicycle Infrastructure



Wayfinding Confusion



Lack of Visibility

# Existing Conditions



- ▶ Multiple lanes of high-speed traffic
- ▶ Long pedestrian crossing distances
- ▶ Lack of signal visibility

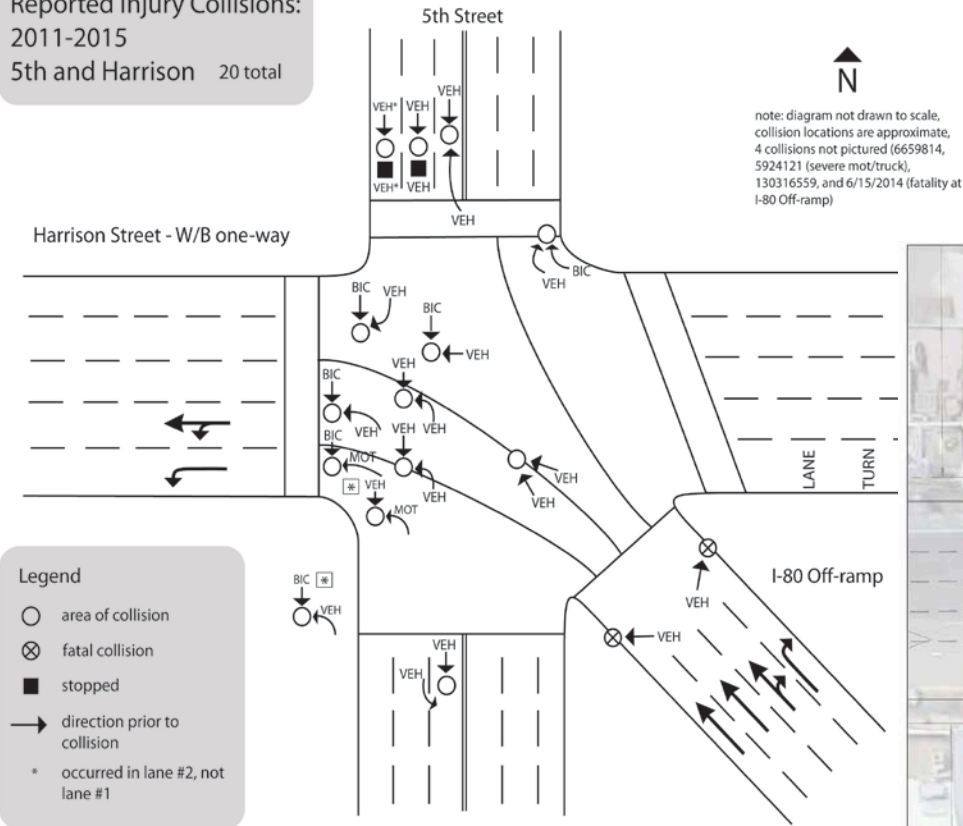
# Recommended Improvement Plans



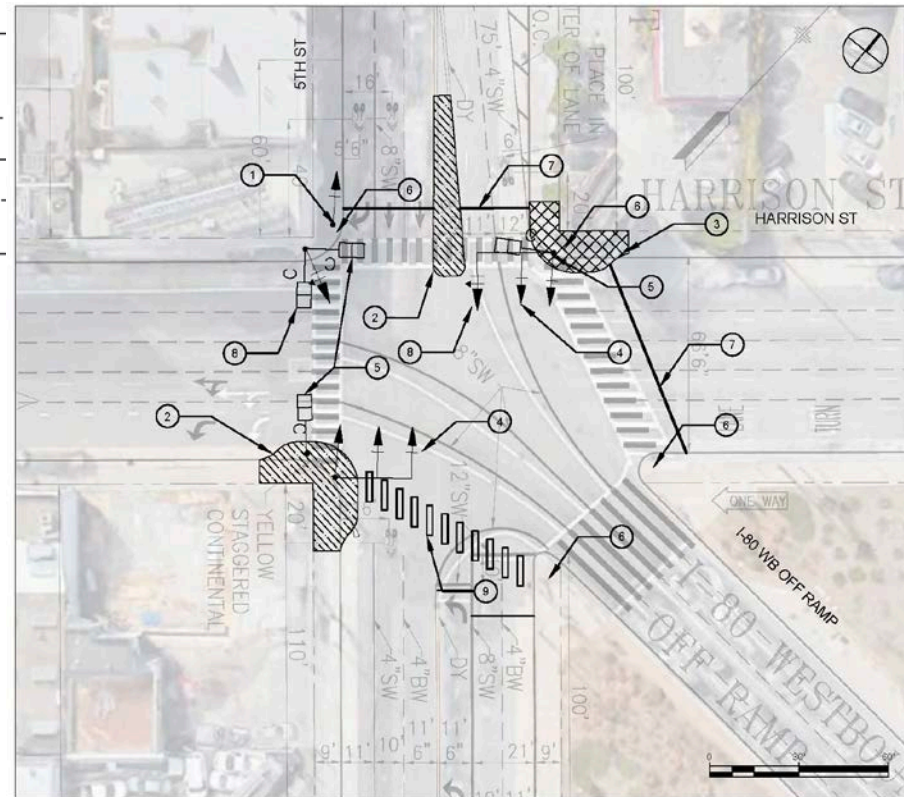
# Example Concept Plan – 5<sup>th</sup> and Bryant Street

## Collision Pattern

Reported Injury Collisions:  
2011-2015  
5th and Harrison 20 total



## Proposed Improvement



# Project Outreach

- ▶ **Community outreach:**
  - ▶ Neighborhood groups
  - ▶ Advocacy group
  - ▶ SF Police Department
  - ▶ Vision Zero Task Force
- ▶ **Community feedback:**
  - ▶ Additional pedestrian bulb outs
  - ▶ Enforcement to stop vehicle from blocking pedestrian crosswalks
  - ▶ Additional stop bars
  - ▶ Greening in large pedestrian bulb-outs
- ▶ **Feedback was incorporated in the project design and construction budget.**





# Project Funding and Implementation

- ▶ **5<sup>th</sup> and Harrison Street & 5<sup>th</sup> and Bryant Street**
  - ▶ **5<sup>th</sup> Street Improvement Project expected to be completed in 2019**
  
- ▶ **8<sup>th</sup> and Harrison Street, 9<sup>th</sup> and Bryant & 10<sup>th</sup> and Bryant Street**
  - ▶ **Included in the draft SFMTA CIP FY 19-23**
  - ▶ **Pending SFMTA Board Approval; July 2018**
  
- ▶ **Other potential funding sources:**
  - ▶ **San Francisco Funds: Proposition K, Proposition B, and Proposition A**
  - ▶ **Interagency Plan Implementation Committee (IPIC)**
  - ▶ **Highway Safety Improvement Program (HSIP)**
  - ▶ **Active Transportation Program (ATP)**

# Next Steps: Phase 2

- ▶ **Phase 2 – Freeway Ramp Intersection Safety Study**
  - ▶ **Project Overview Video:**  
<https://www.youtube.com/watch?v=AiT3JdDyGb0>
  - ▶ **Study Survey:** <https://soma-survey.sfcta.org>
  - ▶ **In Spring 2018 Outreach round we will be:**
    - **Communicating study goals and objectives**
    - **Sharing selected study ramps intersections**
    - **Identifying safety issues**
  - ▶ **Propose short-term and long-term safety improvements**



# Questions?

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