

# City of Cupertino Local Road Safety Plan

Bicycle Pedestrian Commission  
Meeting, February 16, 2022

Public Works – Transportation Division  
Prashanth Dullu, Assistant Civil Engineer



# Local Road Safety Plan (LRSP)

## ***Background:***

- Funded by the Federal Highway Administration (FHWA) and the California Department of Transportation (Caltrans).
- 90% covered by State grant.
- Requirement for City of Cupertino to be eligible to receive federal funding for local roadway safety improvement projects in the future.

# Local Road Safety Plan (LRSP)

## *What and Why:*

- LRSP will enable the City to enhance traffic safety for all modes of transportation and for all ages and abilities.
- **Identify, analyze, and prioritize** roadway safety improvements on local roads to reduce fatal and severe injury collisions.
- Plan will consider engineering and non engineering strategies - 4E's of traffic safety (Engineering, Enforcement, Education, and Emergency Medical Services).

# Local Road Safety Plan (LRSP)

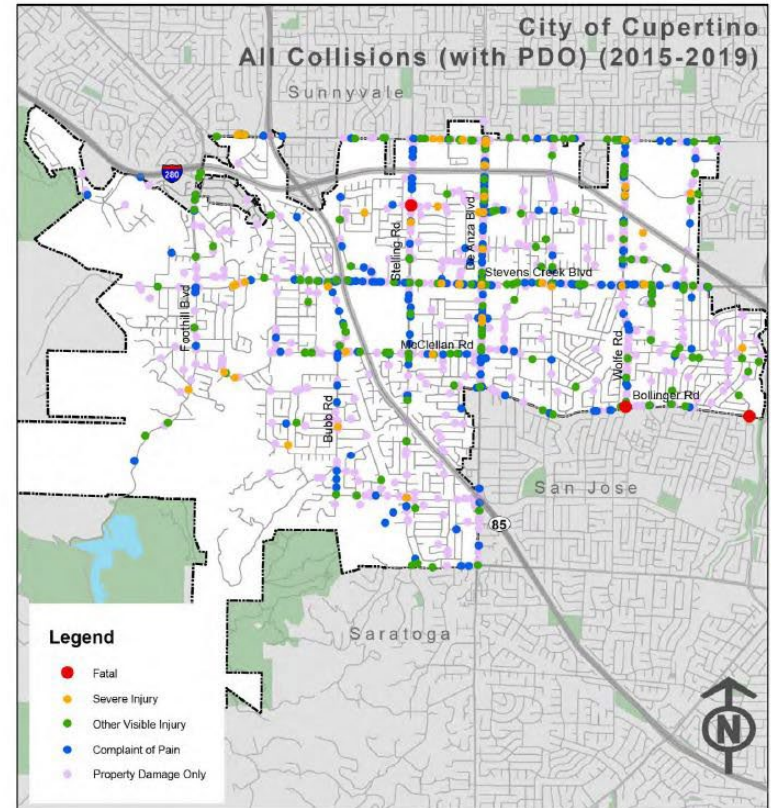
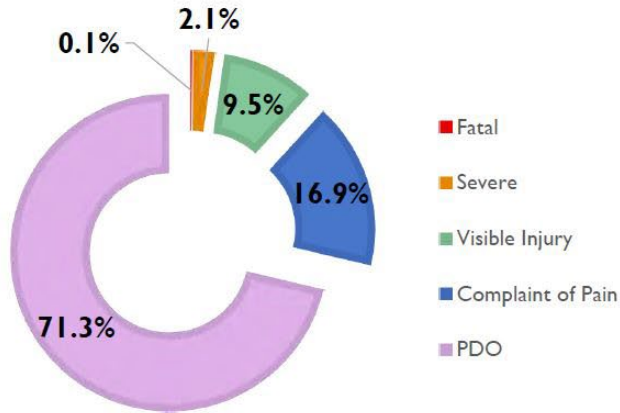
## *Plan will provide:*

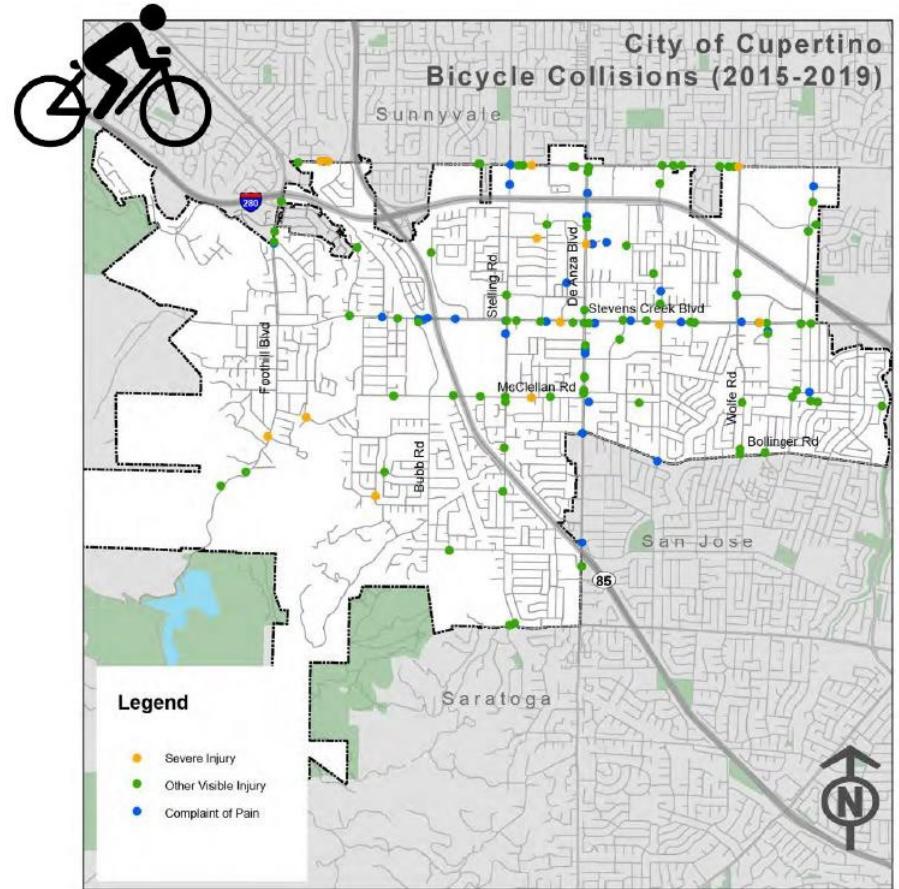
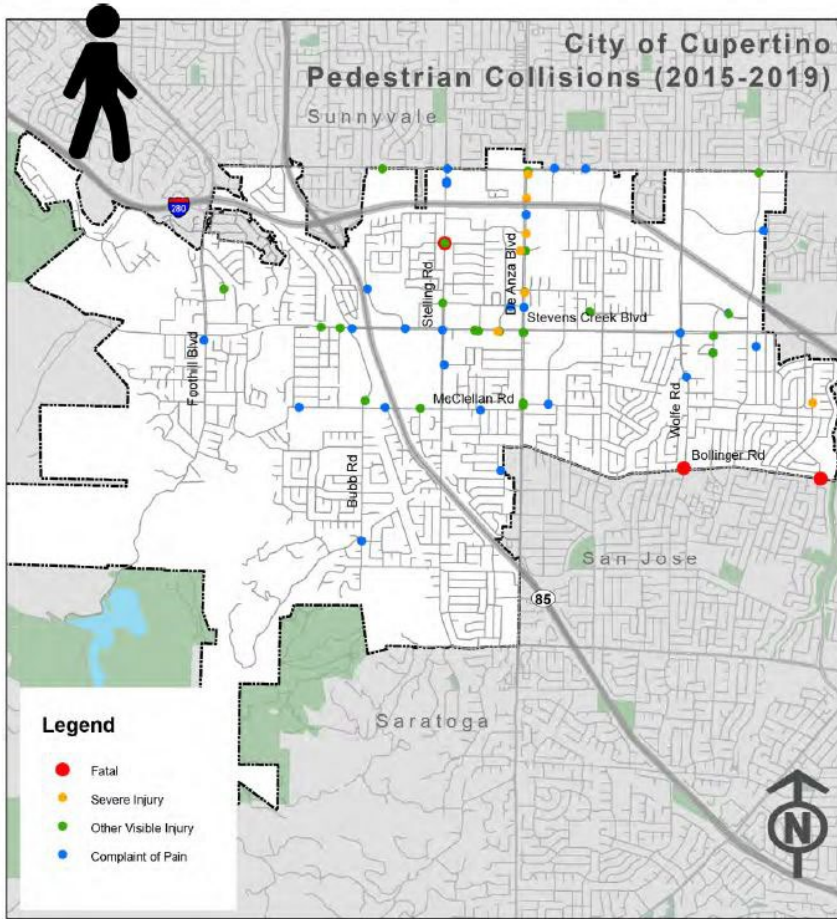
- List of safety improvement projects at high risk:
  - Intersections,
  - Roadway segments,
- Includes Pedestrian and Bicycle safety improvements.
- Identification of prospective funding sources for the proposed improvement projects.
- Toolbox of proven countermeasures.
- Live/Updateable document.

# Stake Holders

- City staff:
  - Public Works, Planning & Public Outreach Representative.
- County Sheriff Department.
- County Fire Department.
- Bicycle and Pedestrian Committee.
- CUSD and FUSD.
- Walk Bike Cupertino.
- Community Input (Community meetings/project website)

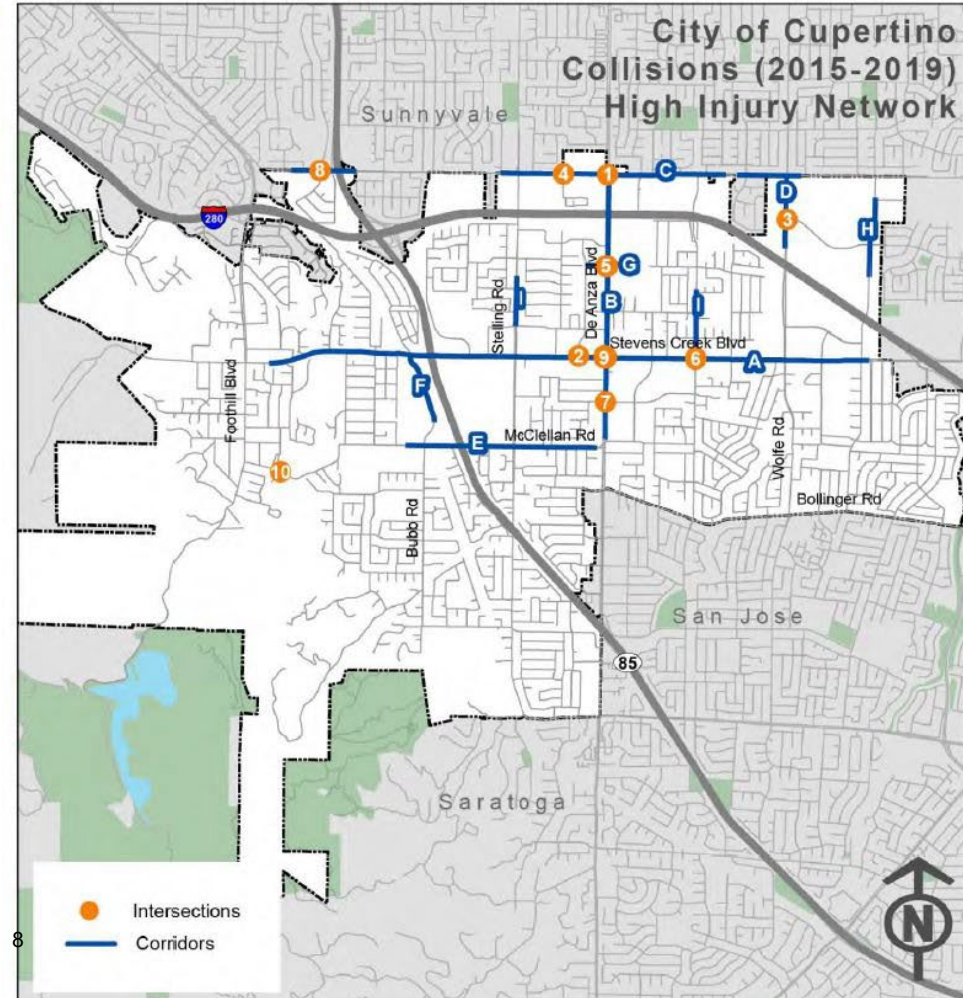
# ANALYSIS FINDINGS (2015 – 2019): ALL COLLISIONS





# HIGH-RISK INTERSECTIONS

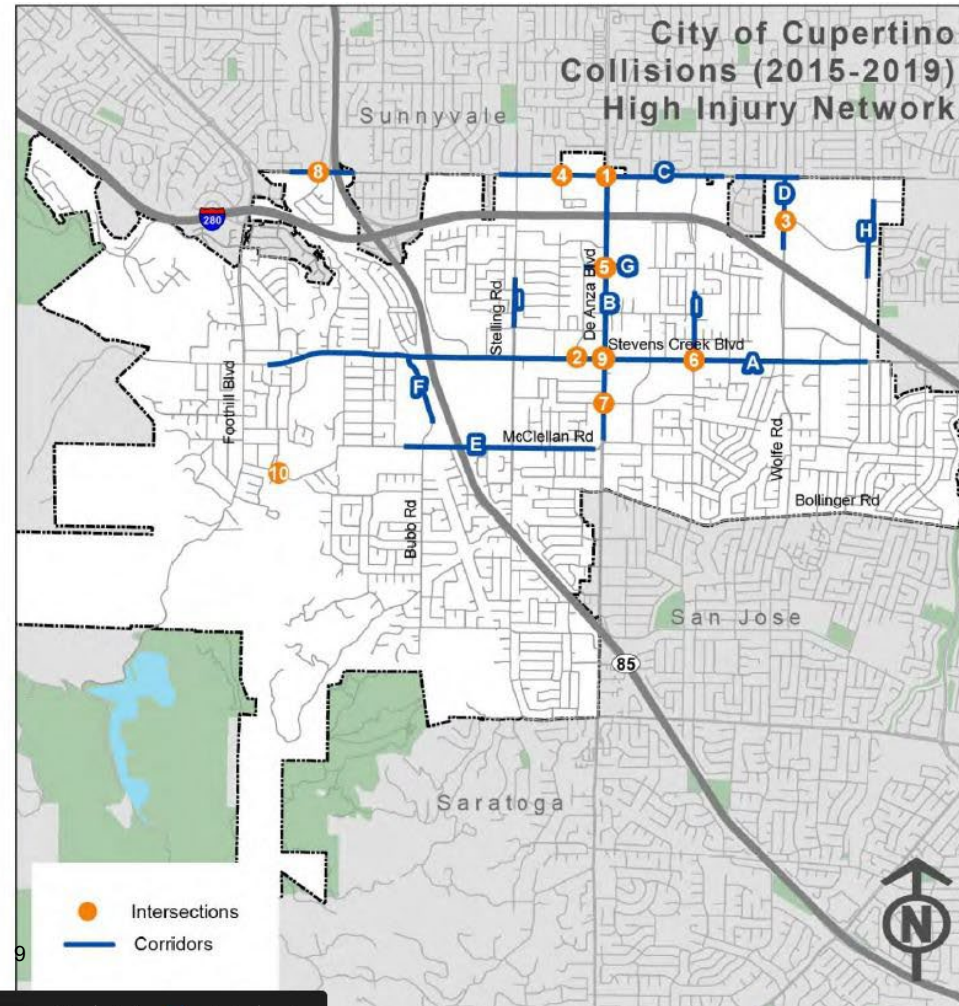
ID	Intersection
1	De Anza Blvd and Homestead Rd
2	Bandley Dr and Stevens Creek Blvd
3	Prunridge Ave and Wolfe Ave
4	Franco Ct/Forge Way and Homestead Rd
5	De Anza Blvd and Mariani Ave
6	Blaney Ave and Stevens Creek Blvd
7	S De Anza Blvd and Rodrigues Ave
8	Barranca Dr and Homestead Rd
9	De Anza Blvd and Stevens Creek Blvd
10	McClellan Rd and Clubhouse Ln





# HIGH-RISK CORRIDORS

ID	Corridors
A	Stevens Creek Blvd: Janice Ave to Judy Ave
B	De Anza Blvd: Pacifica Dr to Homestead Rd
C	Homestead Rd: Fallen Leaf Ln to Wolfe Rd
D	Wolfe Rd: Homestead Rd to Pruneridge Ave
E	McClellan Rd: Imperial Ave to De Anza Blvd
F	Bubb Rd: Stevens Creek Blvd to 2,000 ft south of Stevens Creek Rd
G	Mariani Ave: Bandy Dr to Infinite Loop
H	Tantau Ave: Forge Dr to Pruneridge Ave
I	Blaney Ave: Pear Tree Ln to Stevens Creek Blvd
J	N Stelling Rd: Alves Dr to Greenleaf Dr



# Example of Safety Improvement Project



# Community Input

- Community Input is essential for the success of the Local Road Safety Plan.
  - Report the areas of concern.
  - Provide feedback.
- Project Dashboard is live <https://engagecupertino.org/lrsp>

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**Thank You!!**

# Bicycle Pedestrian Commission

## Touchless Pedestrian Push Buttons



**CUPERTINO**

February 16, 2022

## Touchless Pedestrian Push Buttons

- Call placed with wave of hand
- No contact necessary
- Bluetooth compatible – actuation from smartphone
- Can provide crossing information – location, direction, walk, don't walk, countdown



## Touchless Pedestrian Push Buttons

- Approximately \$7,500 per intersection (hardware only).
- Likely requires contractor installation (additional \$2,000 +/-)
- Requires pulling wires to cabinet; may not be feasible at older or crowded intersections



## Touchless Pedestrian Push Buttons

- Staff experience, can be too sensitive or not sensitive enough
- Pedestrians likely to touch button anyway
- Two locations deployed in Cupertino:
  - Bubb Rd/Results Way
  - Linda Vista Trail crossing of McClellan Road





# Questions?

**END SLIDE**

# Touchless Pedestrian Push Buttons



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# VTA BPAC Report

For the Feb 9, 2022 VTA BPAC meeting

Erik Lindskog

# VTA Bicycle Parking Recommendations

Chapter 10 in VTA Bicycle Technical Guidelines

Updated recommended amount and form of bicycle and micro mobility parking

Updates:

- Providing a range of recommendations
- Updated best practices
- Micro mobility and e-bike parking
- Recommendations for short and long term parking

VTA BPAC recommended the approval of the new guidelines

# Santa Clara County Active Transportation Plan

Presented data for existing conditions

62 miles of expressways and 562 miles of roads in unincorporated areas

Presented data for Pedestrian and Bicycle Collisions

Identified High Injury Network – Intersections and Road segments