

# VISION ZERO

+Local Road Safety Plan



City of  
**Mountain  
View**

Virtual Community Meeting

March 24, 2022

- City Staff

- Dawn Cameron, Public Works Director
- Ria Hutabarat Lo, Transportation Manager
- Priyoti Ahmed, Transportation Planner
- Brandon Whyte, Transportation Planner
- Ben Pacho, Transportation Planner
- Aruna Bodduna, Transportation Planner
- Carla Ochoa, Associate Civil Engineer, Traffic Engineering
- Robert Gonzales, Principal Civil Engineer, Capital Improvement Projects
- Officer James Guevarra, School Resource Officer, Police Department
- Nancy Ducos, Multicultural Engagement Program Coordinator
- Ana Jimenez, Spanish Interpreter

## Moment of Silence

A moment of silence in memory of George “Andre” Oseida

- Improving road safety is a top priority for the City
- El Camino Real – Working with Caltrans to add:
  - Protected bikeways for most segments between Sylvan Avenue and Rengstorff Avenue
  - Segments of Class II bikeways with green dashed paint at driveways and intersections
  - Curb ramp upgrades including bulb outs on unsignalized side streets
  - High visibility crosswalks at all signalized intersections
  - New pedestrian crossings at Pettis Avenue, Bonita Avenue, and Crestview Drive

[MountainView.gov/ElCamino](https://MountainView.gov/ElCamino)

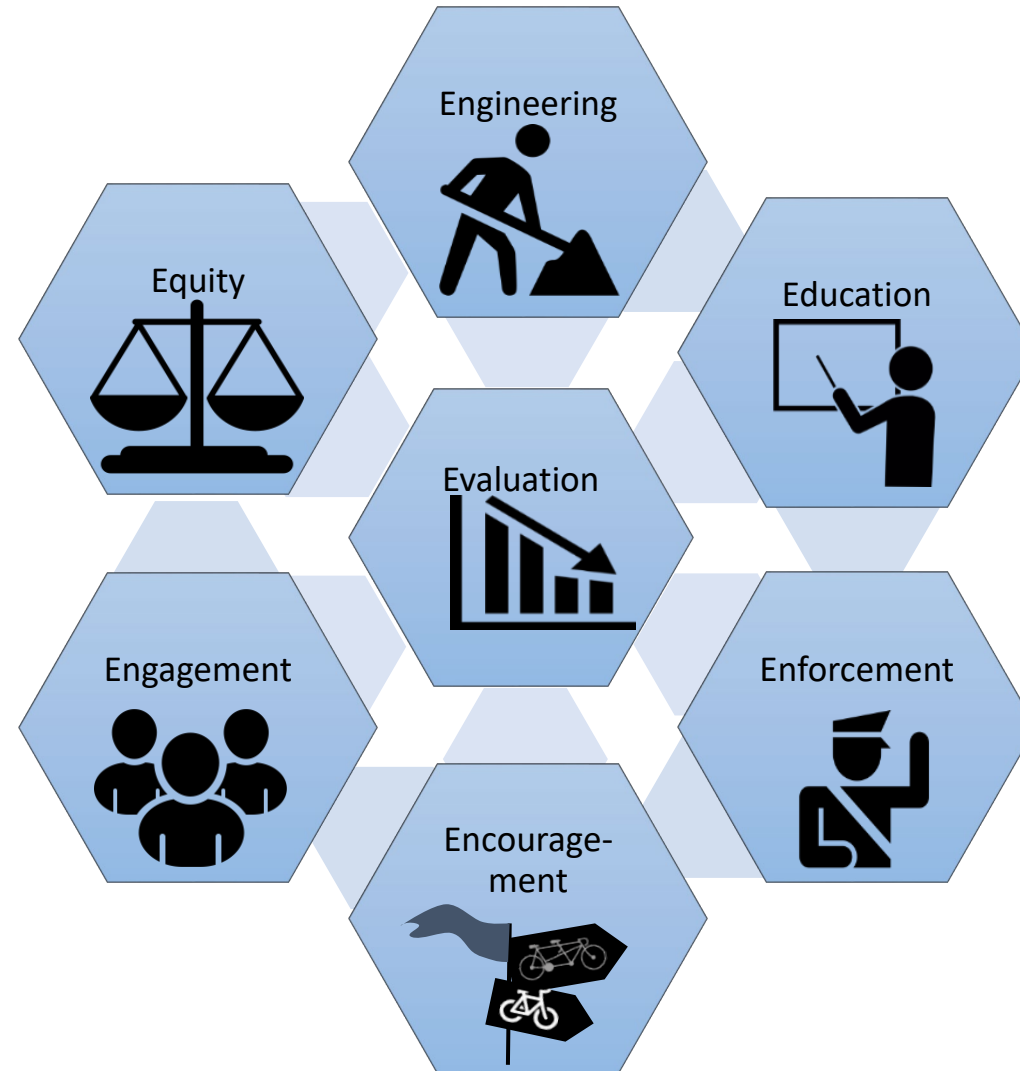
- Tonight's meeting: Vision Zero Action Plan and Local Road Safety Plan - [MountainView.gov/VisionZero](https://MountainView.gov/VisionZero)
- Safe Routes to School Program - [MountainView.gov/SafeRoutes](https://MountainView.gov/SafeRoutes)

- Meeting Goal: Vision Zero Action Plan and Local Road Safety Plan
- Community Input:
  - Survey questions will be asked during the presentation to gather input
  - Use Q&A function to ask questions and provide comments
  - Please hold your verbal comments till the end of the presentation
- Presentation Slides Posted at [MountainView.gov/VisionZero](https://MountainView.gov/VisionZero)



# VISION ZERO

## +Local Road Safety Plan



Vision Zero	Local Road Safety Plan
Set clear goals and timeline	Set vision and mission
Make public commitment	Establish leadership
Engage multiple departments	Identify stakeholders
Engage community members	Engage community members
Analyze existing data (KSIs)	Conduct systemic safety analysis
Develop action plan with 7Es	Identify and prioritize countermeasures



- Local Road Safety Analysis
- Draft Proven Countermeasure Toolbox
- Draft Prioritization Criteria
- Next Steps



## 1. How did you hear about this meeting?

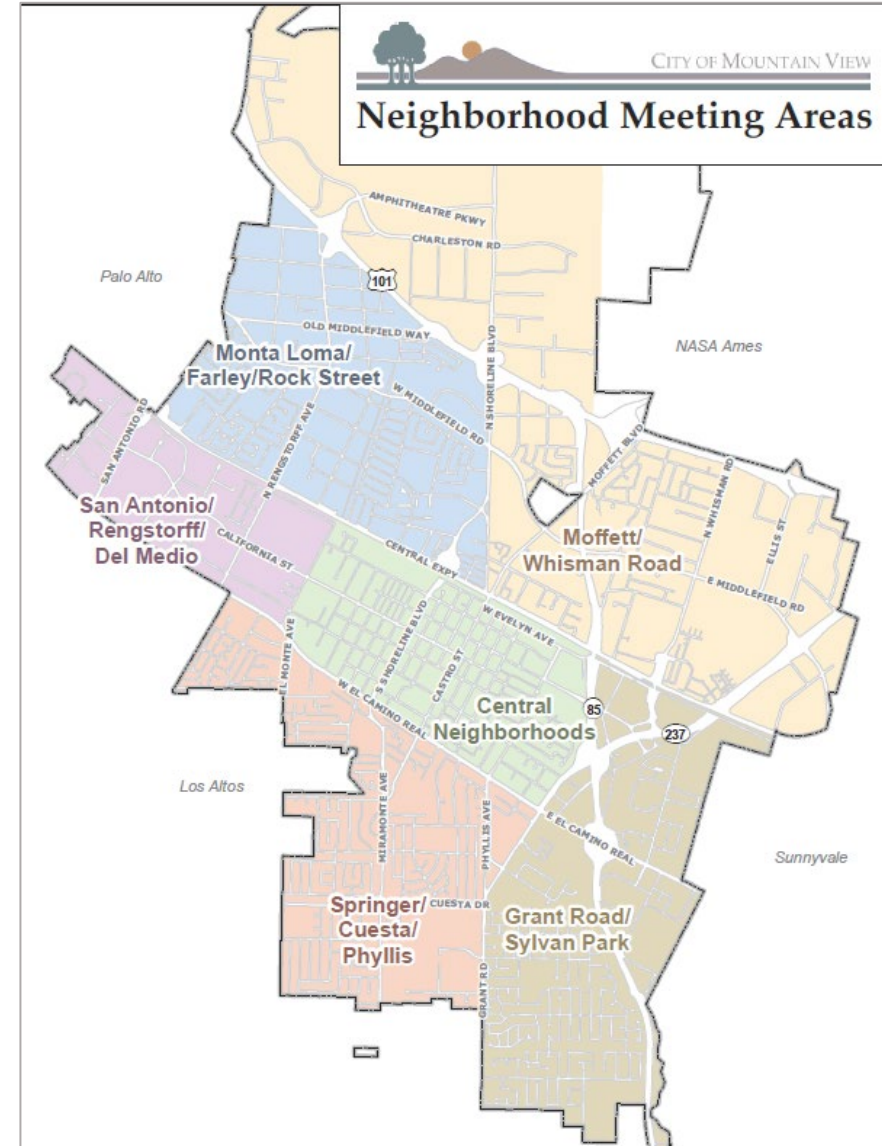
1. Email blast
2. City website
3. Social media
4. Yard sign / flyer
5. Other

## 2. Do you live or work in Mountain View?

1. Live
2. Work
3. Both live and work
4. Other

### 3. In which neighborhood do you live?

1. Monta Loma/Farley/Rock Street
2. Moffett/Whisman Road
3. San Antonio/Rengstorff/Del Medio
4. Central Neighborhoods
5. Springer Cuesta/Phyllis
6. Grand Road/Sylvan Park
7. I do not live in MV



4. How do you typically get around Mountain View? (Pick as many as apply)

1. Drive
2. Bike
3. Walk
4. Transit
5. Other

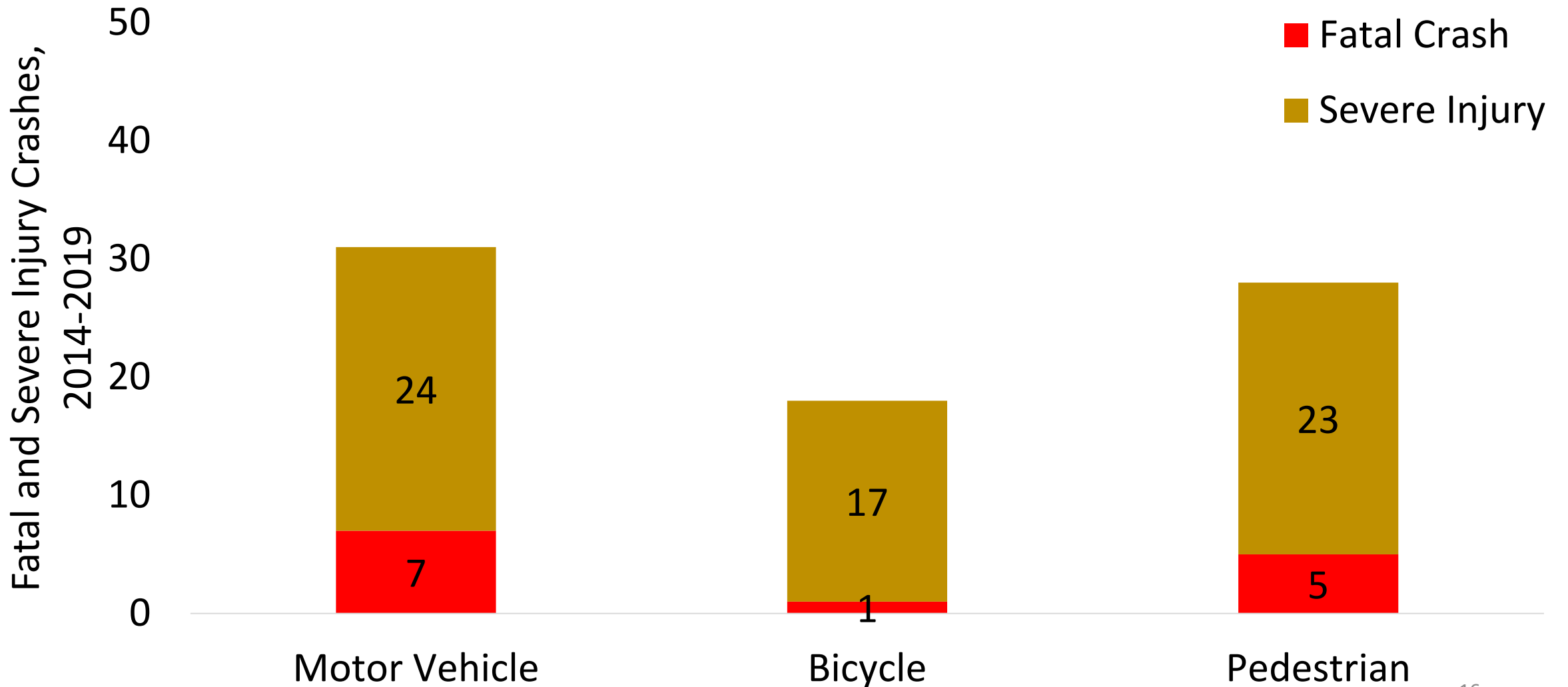
# Local Road Safety Analysis (2014-2019)

Enhance safety and accessibility in Mountain View to move toward zero fatalities by 2030.

- Understand traffic safety issues
- Develop countermeasure toolbox
- Select locations for safety improvements and apply prioritization criteria
- Recommend safety projects

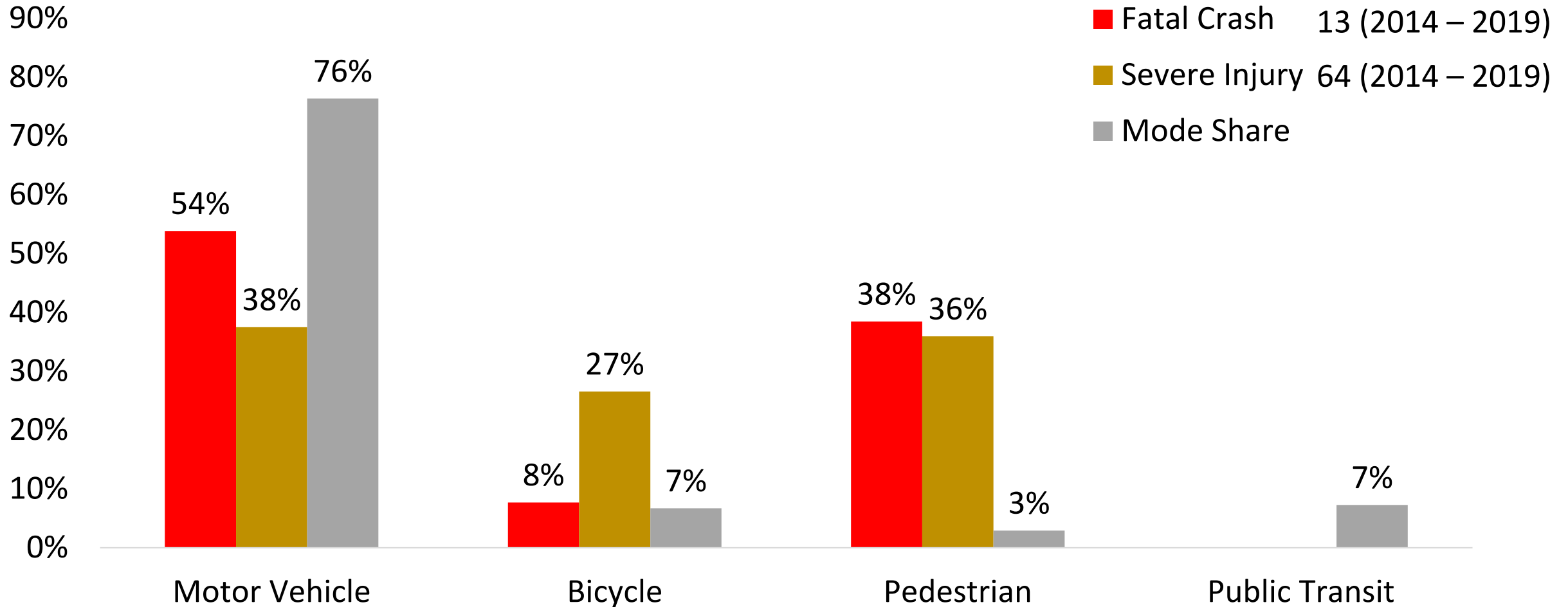


Mountain View had 1,242 crashes from 2014-2019,  
including 13 fatal and 64 severe injury crashes

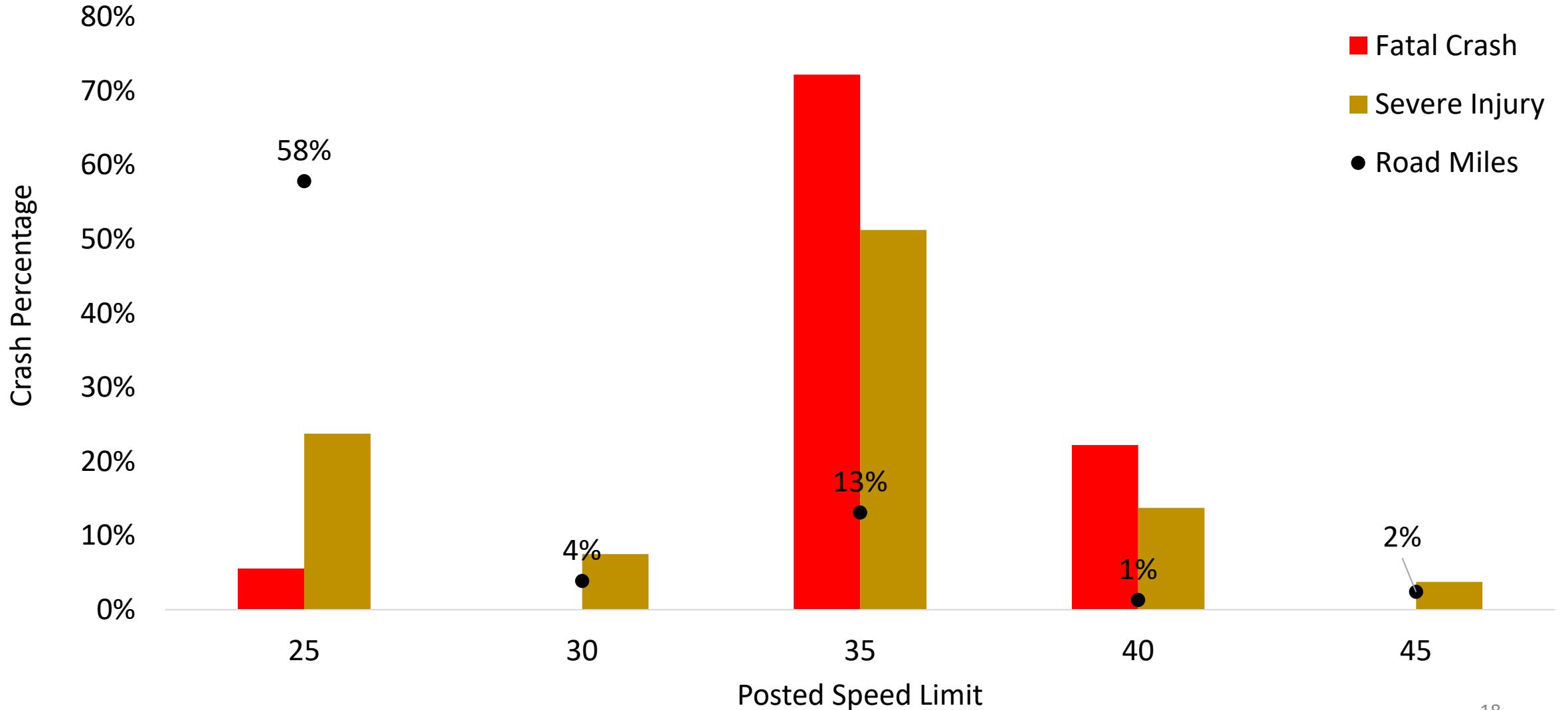




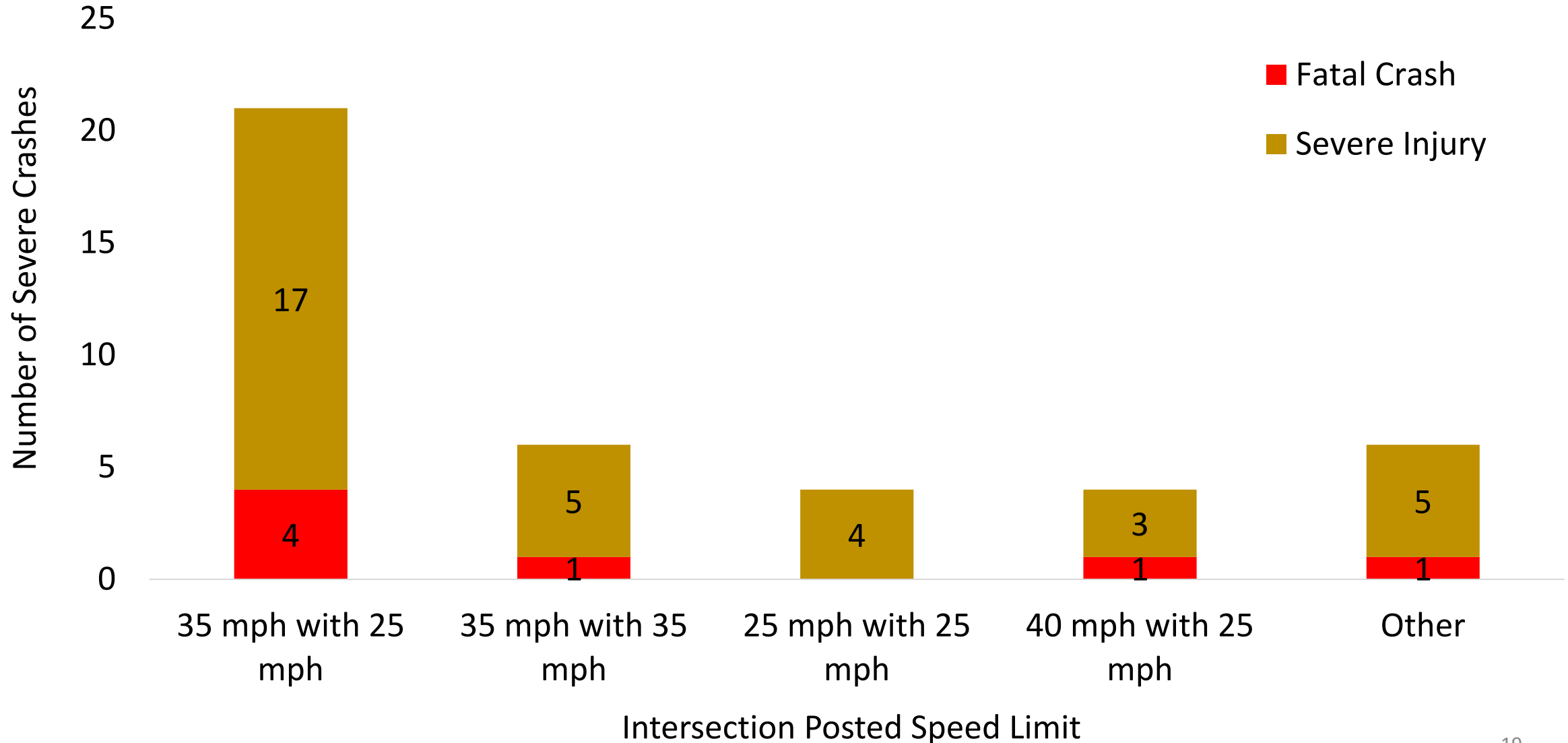
# Pedestrians and bicyclists are over-represented among fatal and severe injury crashes



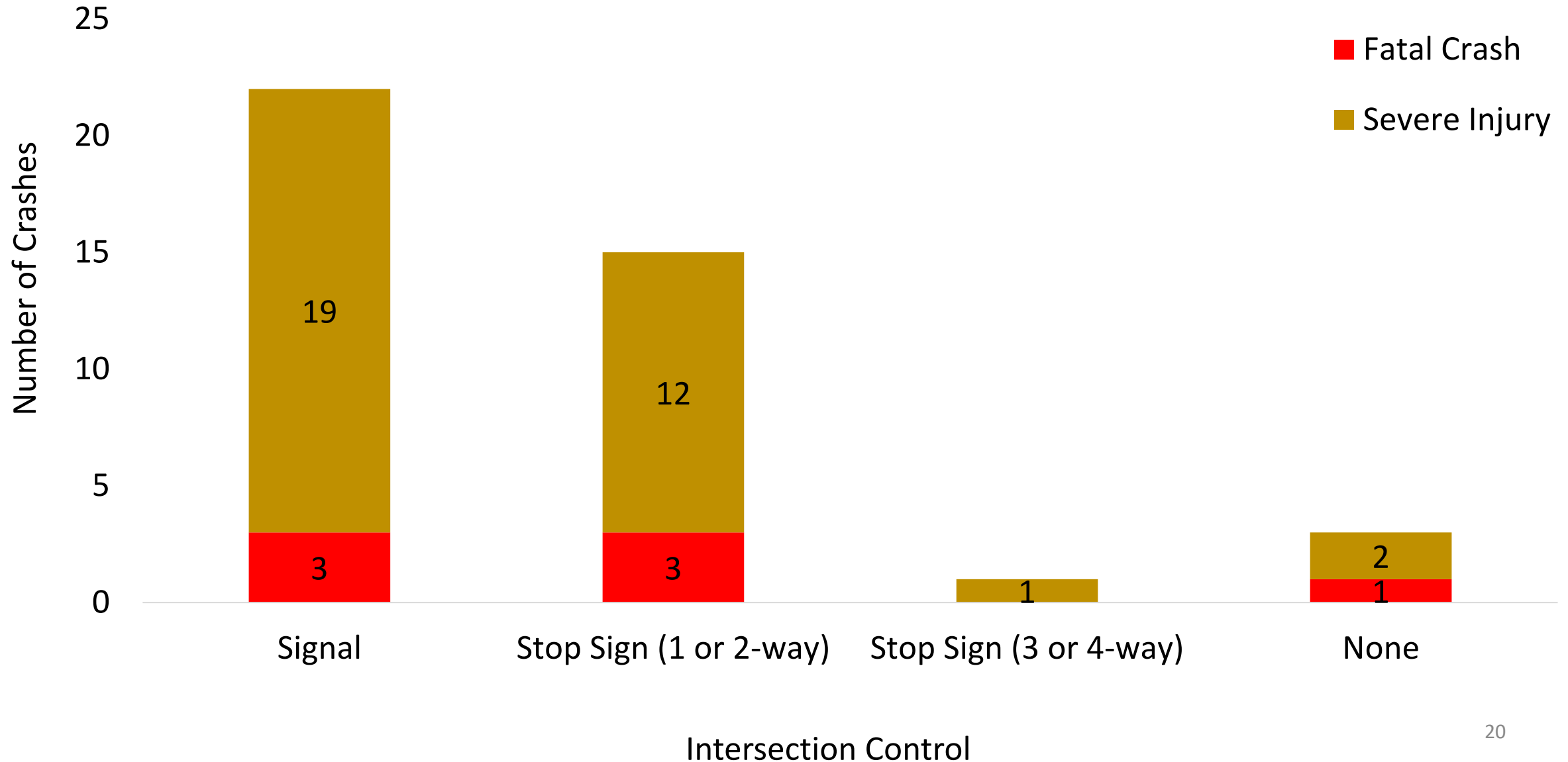
# 73% of KSI crashes occur on 35+ mph streets

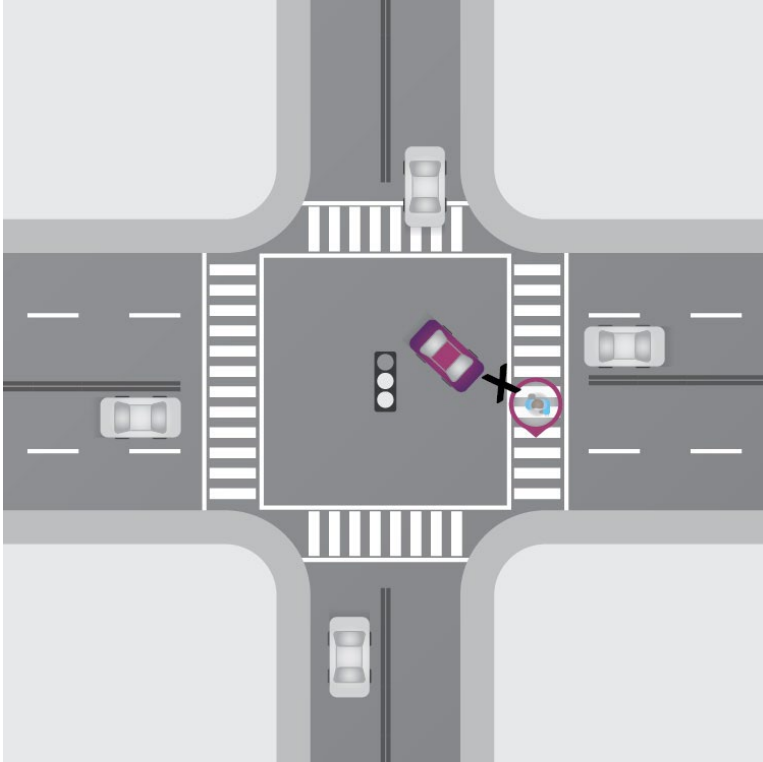


50% of KSI crashes occur at intersections of 35 and 25 mph streets

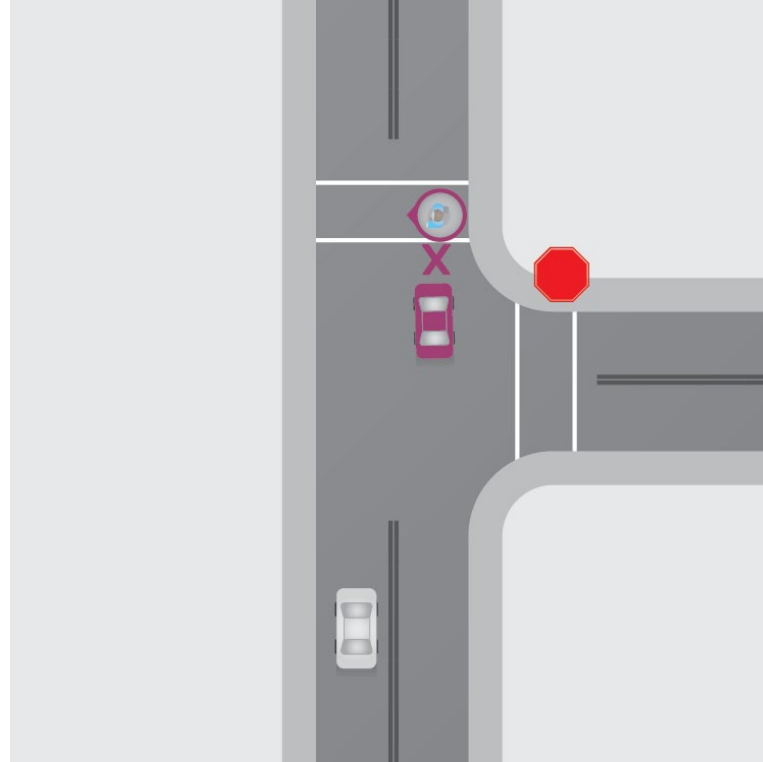


Most fatal or severe injury crashes occurred at major intersections, which are signaled

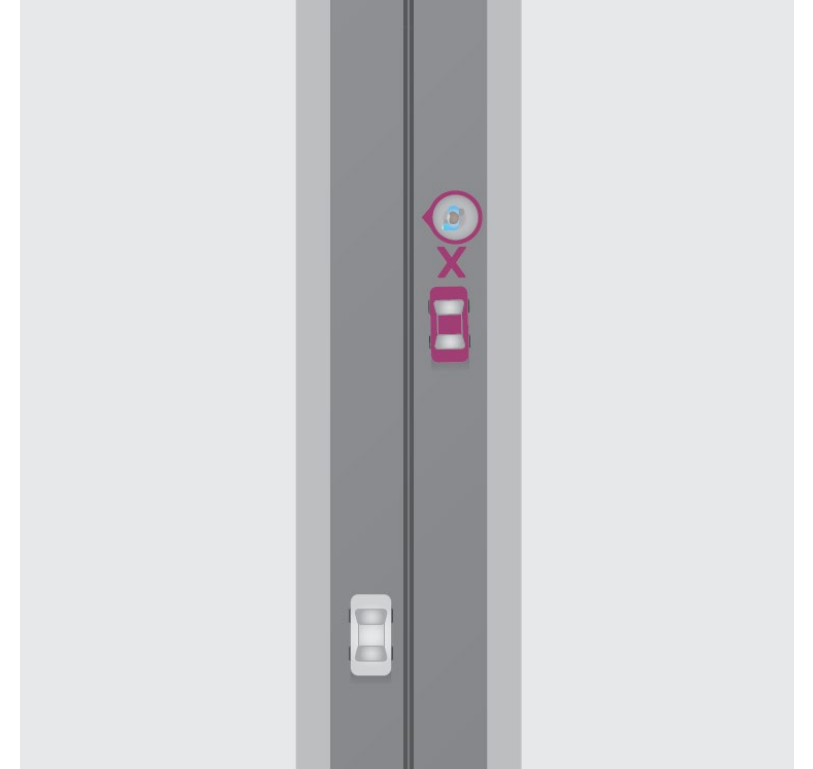




Driver Turning Left,  
Pedestrian Crossing in Crosswalk

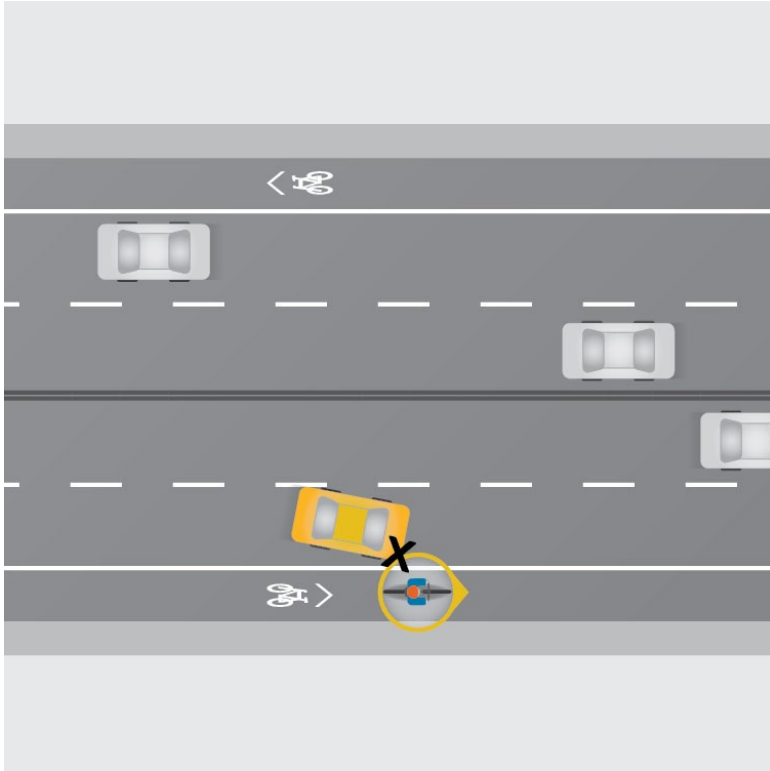


Driver Proceeding Straight,  
Pedestrian Crossing in Crosswalk



Driver Approaching Straight,  
Pedestrian Crossing Between  
Intersections

# Driver-Bicyclist Crashes



Driver Proceeding Straight,  
Bicyclist Proceeding Straight

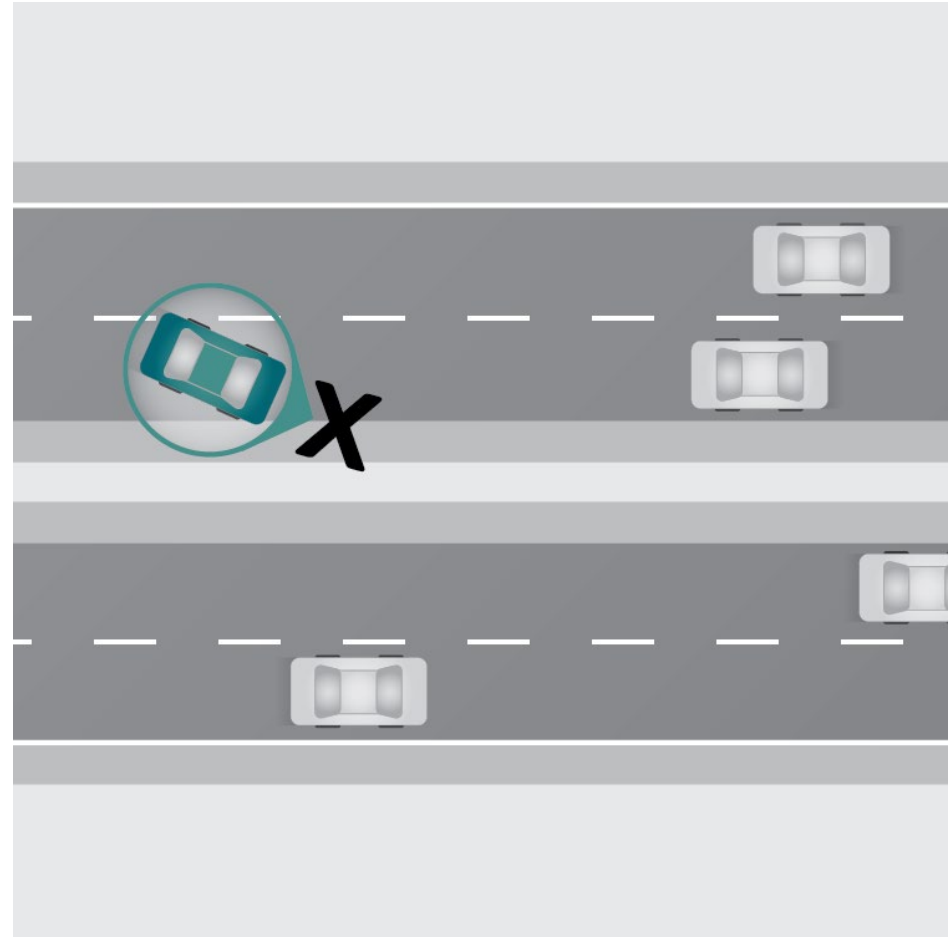
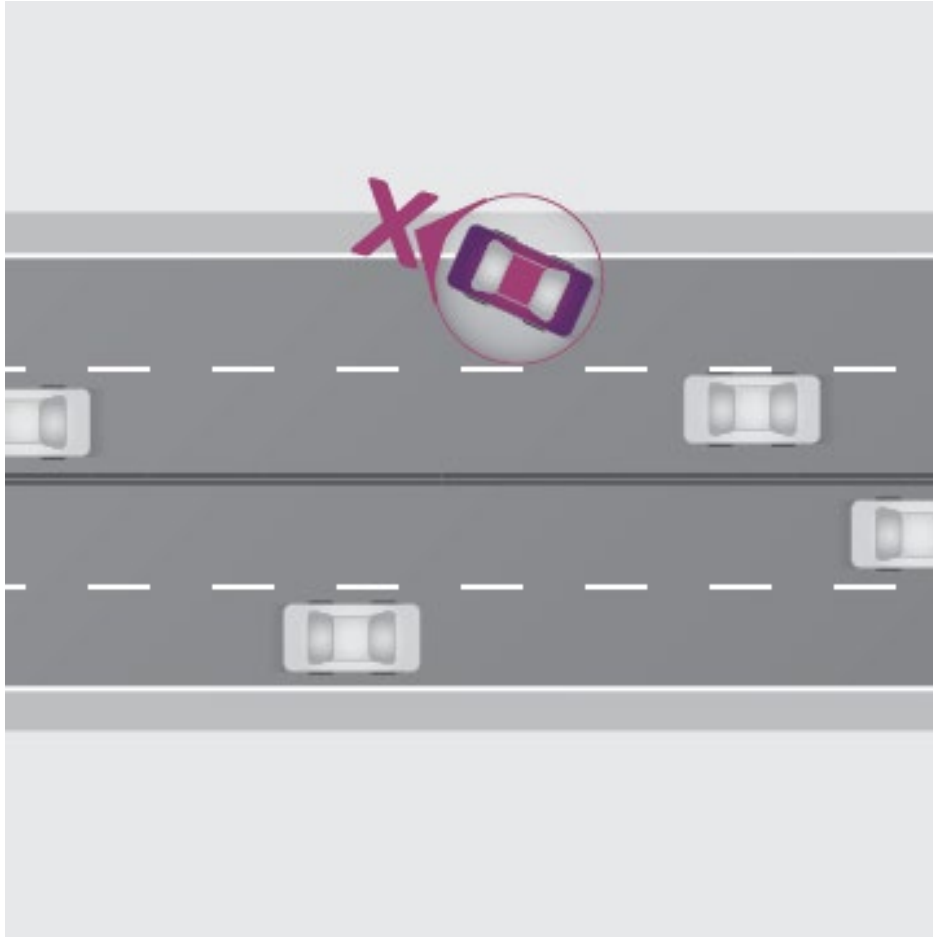


Driver Proceeding Straight,  
Bicyclist Proceeding Straight



Driver Turning Right,  
Bicyclist Crossing  
(right hook)

# Driver Only Crashes



Driver Ran Off Road



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# Countermeasures Toolbox



Enhance safety and accessibility in Mountain View to move toward zero fatalities by 2030.

- Understand traffic safety issues
- Identify countermeasures
- Select locations for safety improvements and apply prioritization criteria
- Recommend safety projects





Curb Extensions



Class IV Protected Bike Lanes



Medians Crossing Islands



Protected Intersections



Protected Left Turns

# Signals and Signs Countermeasures



[Leading Pedestrian Intervals](#)



[Pedestrian Hybrid Beacons](#)

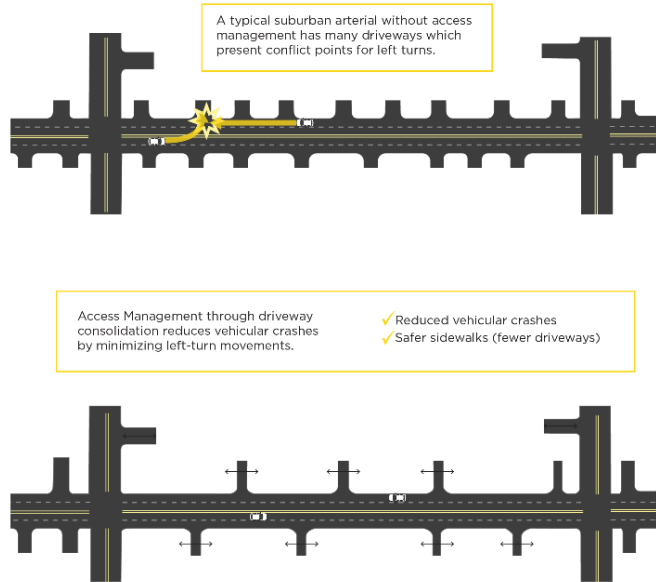


[Rectangular Rapid Flash Beacons](#)

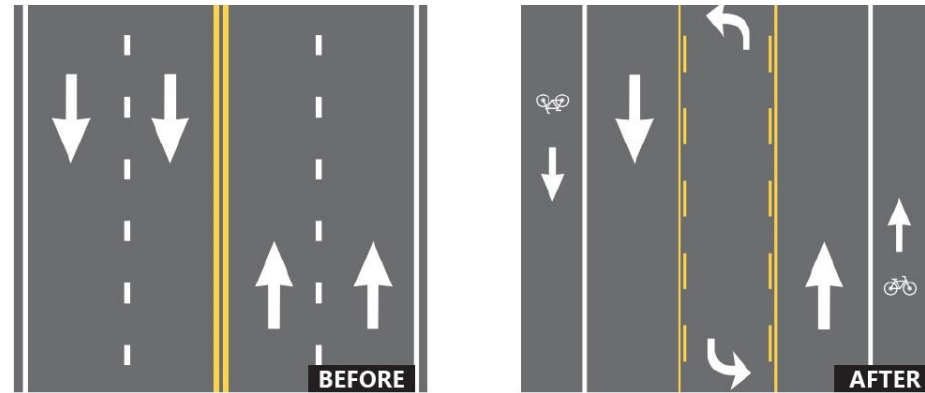


[Improved Intersection Lighting,  
Extension Lines, and Signage](#)

# Speed Management Countermeasures



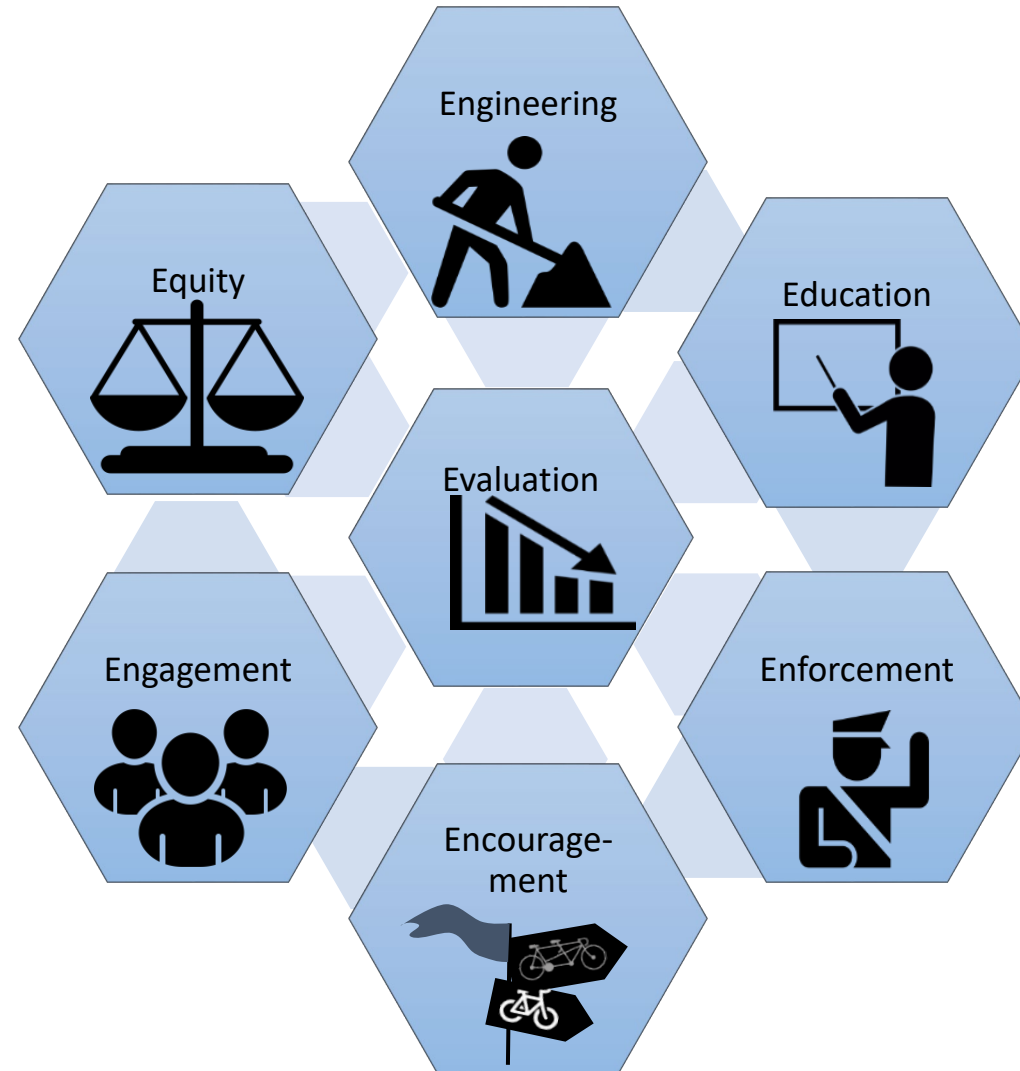
[Access Management](#)



[Road Diets](#)



[Speed Management](#)





- Plans
  - AccessMV (completed 2021)
  - Active Transportation Plan (starting 2022)
  - El Camino Real Streetscape Plan (completed 2019)
- Neighborhood Traffic Management Program

# Vision Zero Engineering Strategies

Engineering



Project Status	Bicycle/Pedestrian Capital Projects
Completed 2022	Calderon Bike Lanes
In Construction In 2022	Shoreline/Villa Signal Improvements
	Shoreline/Latham and Rengstorff/Latham Signal Improvements
	Shoreline Blvd Protected Bikeways
In Design – Caltrans Project	El Camino Real Pedestrian and Bicycle Improvements
In Design	California Complete Streets Pilot Project
	Stierlin Road/Shoreline Blvd Improvements
	Grant/Sleeper Signal Improvements
	US 101 Overcrossing at Shoreline
	Bernardo Undercrossing of Caltrain and Expressway
In Design – Caltrain Project	Miramonte Avenue Improvement
	Castro Grade Separation
	Rengstorff Grade Separation

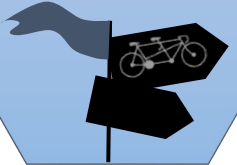
# Vision Zero Education / Encouragement / Engagement Strategies

Education



- Safe Routes to School
  - Transportation Safety Training
  - Pilot Coordinating Committee at Graham Middle School
    - To join the Citywide Coordinating Committee, please email: [saferoutestoschool@mountainview.gov](mailto:saferoutestoschool@mountainview.gov)
  - Citywide Bike Rodeo at Rengstorff Park Basketball Courts, May 21, 2022
- Interdepartmental Vision Zero Working Group
- Quarterly Collision Analysis
  - Reporting to Bicycle/Pedestrian Advisory Committee

Encouragement



Evaluation





Are there other countermeasures or strategies  
you would like for staff to consider?



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# Prioritization Criteria

Enhance safety and accessibility in Mountain View to move toward zero fatalities by 2030.

- Understand traffic safety issues
- Develop countermeasure toolbox
- Select locations for safety improvements and apply prioritization criteria
- Recommend safety projects



- Severity of Crashes
- Equity
  - Income
  - Vulnerable Road Users
- Proximity to Key Destination
- Proven Effectiveness
  - High-level cost/benefit analysis
- Implementation
  - Potential to Leverage Planned CIPs or Other Ongoing Efforts
  - Project Completion Timeframe
  - Degree of Agency Coordination

To what extent do you agree with the prioritization criteria?

- 1 – Strongly disagree
- 2 – Somewhat disagree
- 3 – Neutral
- 4 – Somewhat agree
- 5 – Strongly agree

Is there any other prioritization criteria you would like us to consider?



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## Next Steps

- Develop a list of projects
- Prioritize projects using criteria
- Develop Integrated VZAP/LRSP
  
- Upcoming Public Meetings
  - Bicycle/Pedestrian Advisory Committee – March 30, 2022
  - Council Transportation Committee – May 2022
  - Community Meeting – Summer 2022
  - City Council – Fall 2022





Sign up at [MountainView.gov/MyMV](https://MountainView.gov/MyMV) to receive notifications about upcoming meetings and events for Vision Zero Action Plan

Presentation Slides Posted at [MountainView.gov/VisionZero](https://MountainView.gov/VisionZero)

# Questions, Comments, Suggestions?

Submit questions or comments in the Q&A

Raise your hand in Zoom if you wish to speak

You can also submit comments after this meeting to  
[Public.Works@MountainView.gov](mailto:Public.Works@MountainView.gov)



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# Thank You!

[Public.Works@MountainView.gov](mailto:Public.Works@MountainView.gov)

[MountainView.gov/VisionZero](https://MountainView.gov/VisionZero)

Presented by: Priyoti Ahmed, Transportation Planner