



Local Roadway Safety Plan & Vision Zero Action Plan

Community Outreach Meeting #1

August 22nd, 2023





Introduction

Community Outreach Meeting#1

City of Livermore:

- Joanna X. J. Liu, Senior Transportation Engineer
- Mallika Ramachandran, Assistant City Engineer
- Kristina Mai, Associate Civil Engineer
- Juan Tenorio, Junior Engineer
- Gabriel Sendaydiego, Department Assistant

TJKM Transportation Consultants:

- Ruta Jariwala, Principal Engineer
- Carlo Sendaydiego, Senior Project Manager
- Himangi Mutha, Transportation Planner

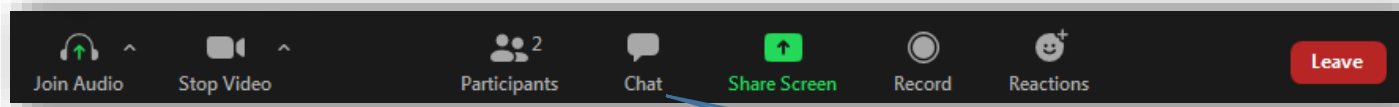
Housekeeping

How to attend a zoom meeting?

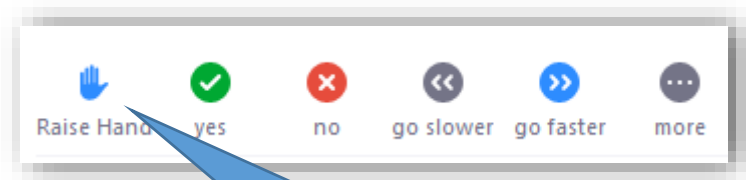
Free Zoom app



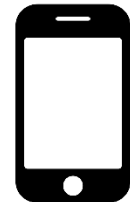
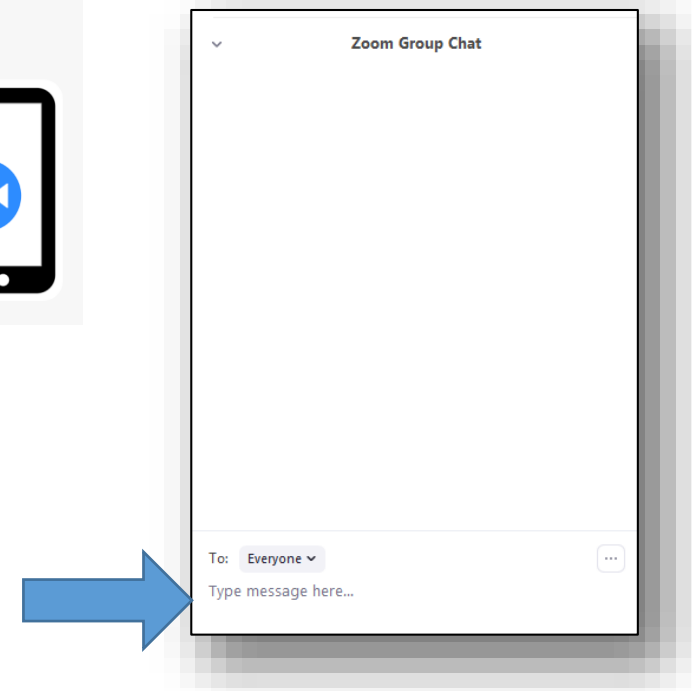
How to send us your questions and feedback?



Use the chat feature to send us your questions



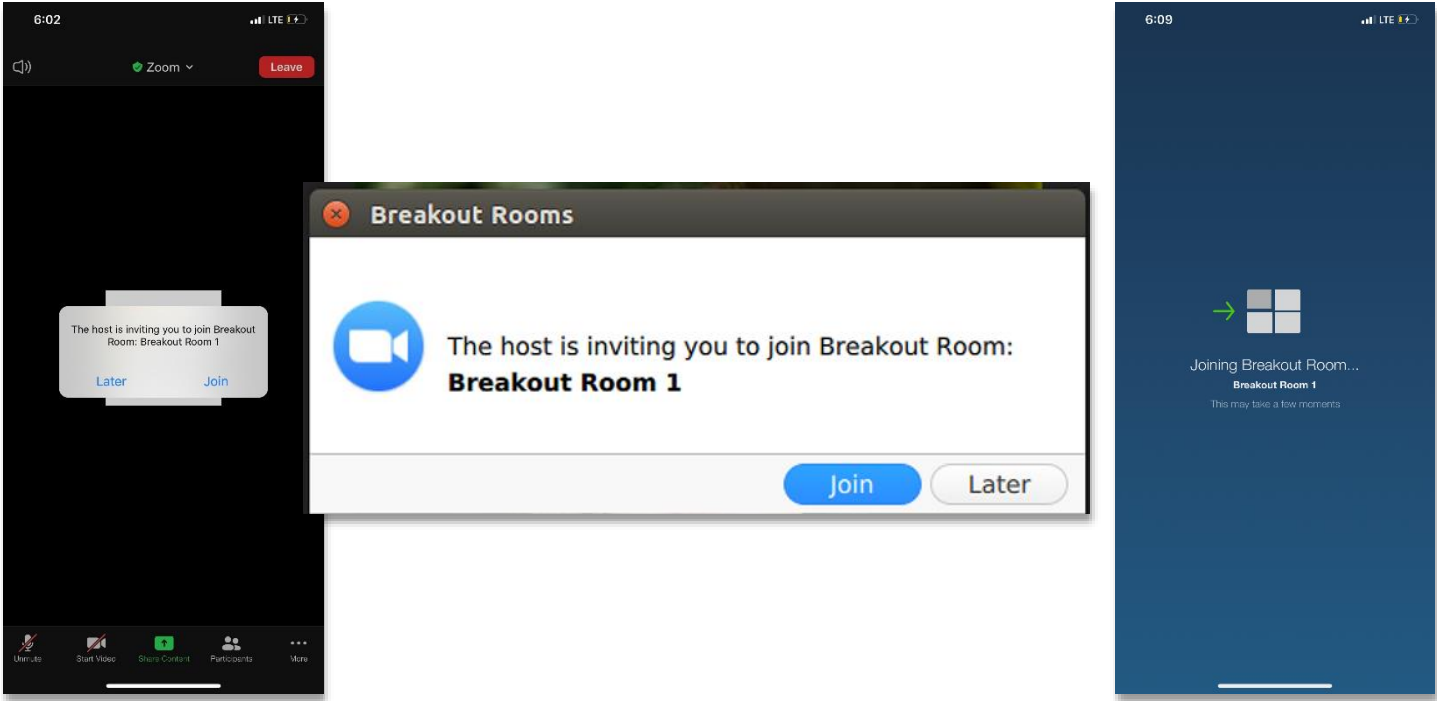
Use "Raise Hand" feature if you would like to speak. Click participants to see the option



Phone Controls
*6 - Toggle mute/unmute
*9 - Raise hand

Zoom Controls

How to join a breakout room?



People calling from the phone will be automatically assigned a Breakout Room.

Agenda

- What is LRSP & Vision Zero?
- Benefits of LRSP & Vision Zero
- Goals & Process of LRSP & Vision Zero
- Outreach Platform
- Collision Analysis and Findings
- High Injury Network
- Open Discussion
- Next Steps

Spanish Translation

- Insert a questionnaire
 - Do you need Spanish Translator ?
 - ¿Necesita traducción en español ?

Breakout Room - Spanish

What is Local Road Safety Plan (LRSP)?

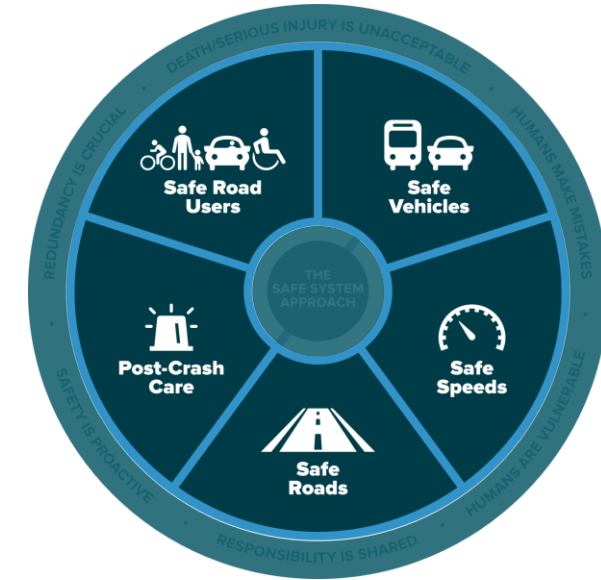
- Overarching Goals:
 - To reduce fatalities and severe injuries on City roadways and intersections attributed to traffic collisions
 - To identify, analyze and prioritize roadway and intersection safety improvements on City roads
 - A required document to be eligible for the Highway Safety Improvement Program (HSIP) grant funding & One Bay Area Grant (OBAG)



What is Vision Zero Action Plan?

Overarching Goals:

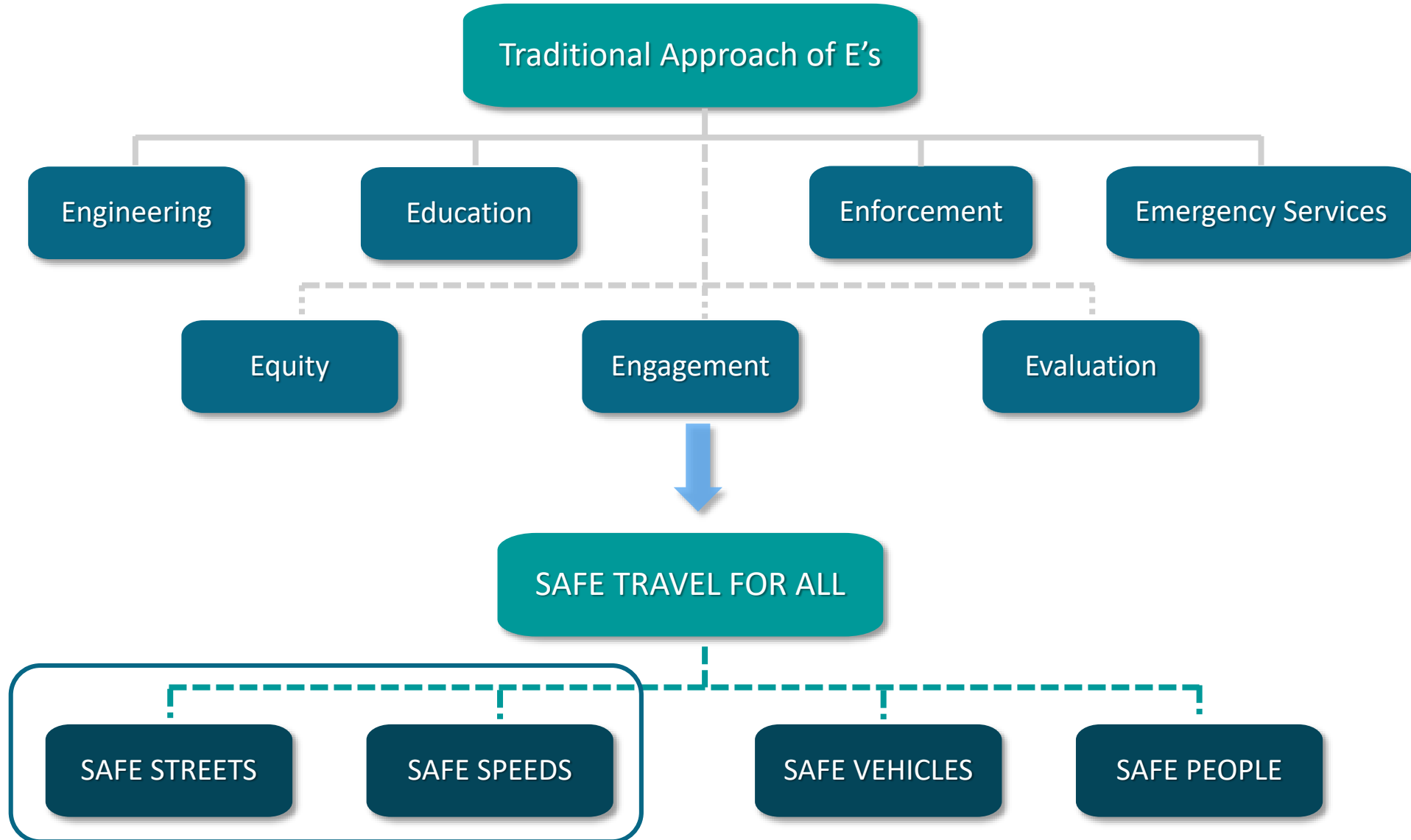
- To eliminate all traffic-related fatalities and serious injuries. This requires a commitment to making roads, vehicles, and traffic systems as safe as possible for all users.
- Vision Zero prioritizes the safety of the pedestrians, cyclists, and motorcyclists and aims to create safe and accessible road systems for all.
- It aims to create safe speeds that are appropriate for the road environment and that minimize the risk of crashes and their severity.
- To create a culture of safety that encourages responsible road behavior and promotes respect for all road users.



Source: *The 5 Safe System Elements (Federal Highway Administration)*



Safe System Approach

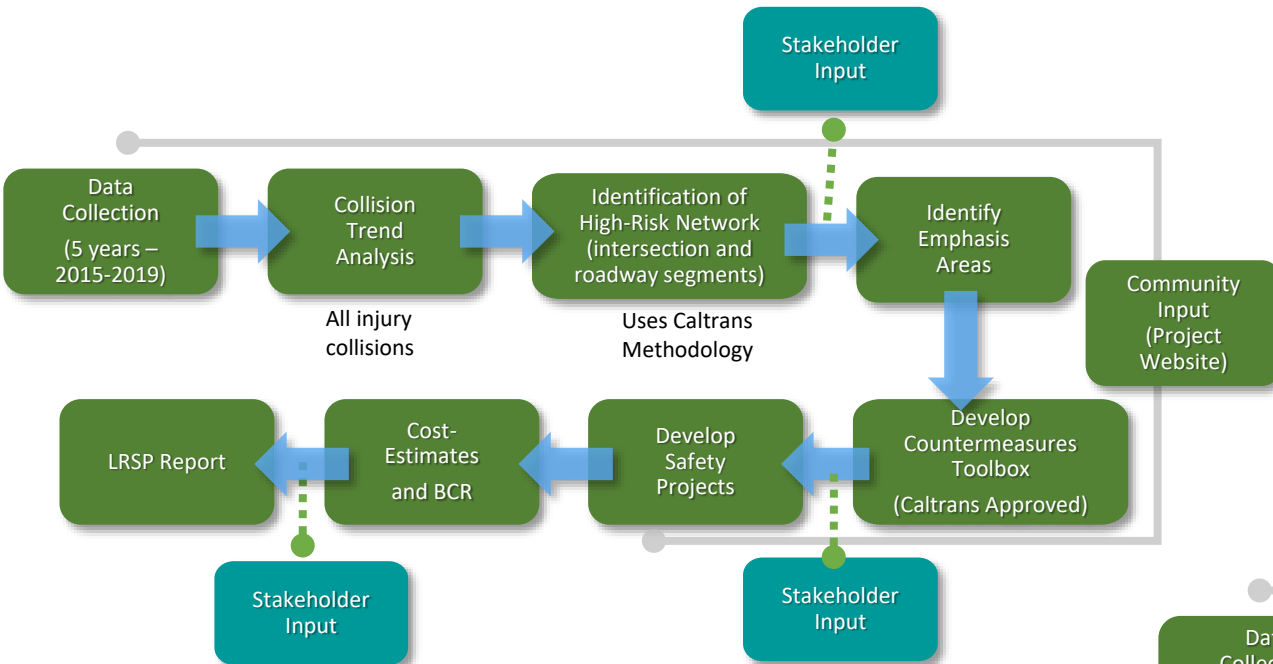


Benefits of LRSP & Vision Zero Action Plan

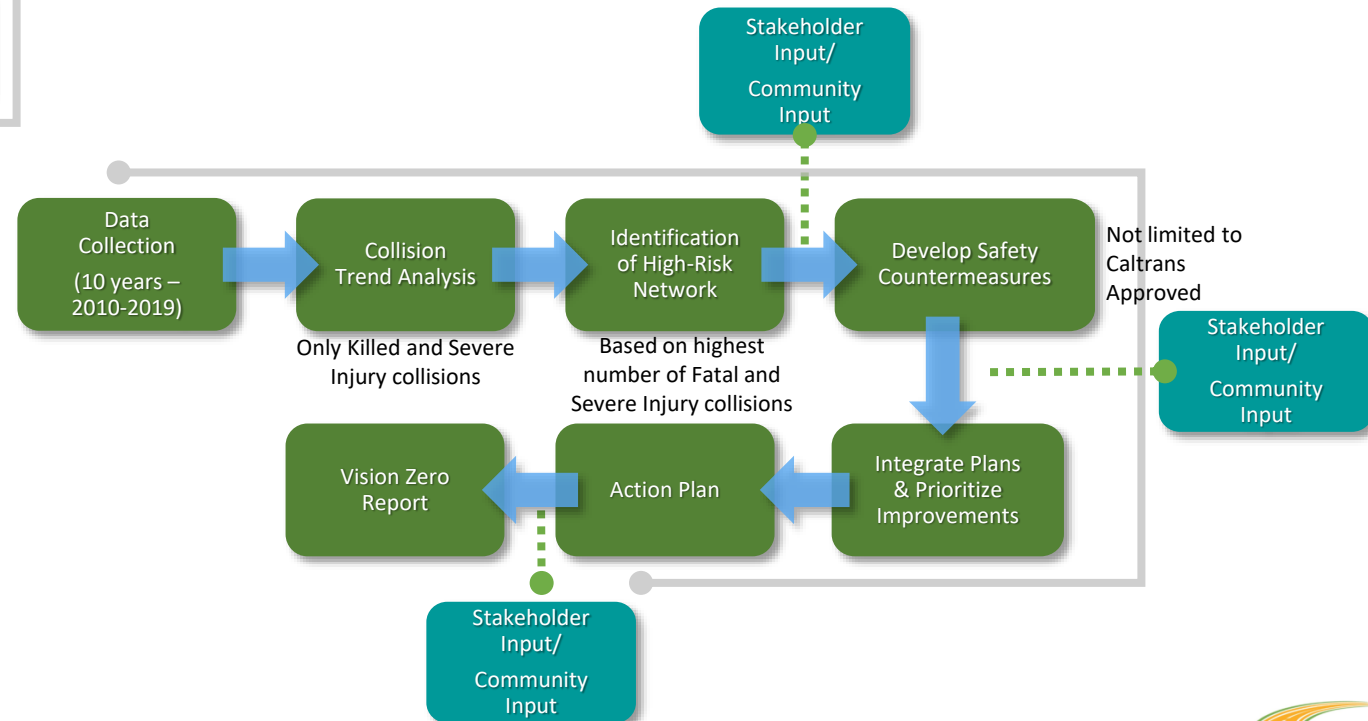
- Data driven approach to identify, analyze, and prioritize roadway safety improvements
- Considers stakeholder and community feedback to identify additional traffic safety related concerns
- Holistic approach: incorporates more than just engineering solutions
- Allows the City to implement a systemic approach to address collisions
- Tailored to the City's and Community specific traffic safety needs – based on the data
- Implementation: City is eligible to apply for grants (HSIP, OBAG and Safe Streets for All (SS4A))



Local Road Safety Plan Process



Vision Zero Process



Outreach Platform

- Project Website: <https://www.livermoresafetyplan.org/> & <https://www.livermorevisionzero.org/>
- Join Mailing List
- Emails: LocalRoadwaySafetyPlan@LivermoreCA.gov & VisionZero@LivermoreCA.gov
- Map Input Platform



[Local Roadway Safety Plan](https://www.livermoresafetyplan.org/)



[Vision Zero Action Plan](https://www.livermorevisionzero.org/)

Outreach Platform



Concerned about Roadway Safety for all users in Livermore?
Do you want to make our streets safer?


Livermore Local Roadway Safety Plan & Vision Zero Action Plan

Community Workshop #1

Tuesday, August 22, 2023 at 6:00pm
<https://us06web.zoom.us/j/89801636663>
 Meeting ID: 898 0163 6663
 Passcode: 666174
 Zoom Dial-In Number: +1 (669) 900-6833

Your input is important to us!

RSVP
<https://forms.gle/d1Y41BuaPqbDtxV89>
 or scan the QR code below:



- Introduce Goals & Process of LRSP & Vision Zero
- Preliminary Collision Analysis Findings
- High Injury Network
- Outreach Platform

For more information, please visit our websites by scanning the QR codes below:


Local Roadway Safety Plan  <https://www.livermore.safetyplan.org/>

Vision Zero Action Plan  <https://www.livermore.visionzero.org/>

76%
 Aims to **ESTABLISH SAFE SYSTEMS**

Reframes traffic deaths as PREVENTABLE

Integrates HUMAN ERROR into the approach



Concerned about Roadway Safety for all users in Livermore?
Do you want to make our streets safer?



Preocupado sobre la seguridad peatonal en los caminos de Livermore?
Quiere hacer nuestras calles seguras?

Livermore Local Roadway Safety Plan & Vision Zero Action Plan

Your input is important to us! *¡Su opinión es importante para nosotros!*


Here is how
 Be a part of the City's Local Roadway Safety Plan (LRSP) and the Vision Zero Action Plan development!

Public Outreach Meetings
 Public Outreach to gather community input will be posted on the City website:

<p>Local Roadway Safety Plan</p>  https://www.livermore.safetyplan.org/	<p>Vision Zero Action Plan</p>  https://www.livermore.visionzero.org/
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Other Ways to Share Your Concerns



Visit the City Website
 Mark intersections and street segments and provide your safety concerns.



Write to us at
 Joanna X.I. Liu, P.E., T.E., Senior Transportation Engineer
 City of Livermore - Community Development Department
 1052 South Livermore Avenue
 Livermore, CA, 94550
 Email: LocalRoadSafetyPlan@Livermore-CA.gov

Aquí es cómo
 Sea parte del programa de acción y caminos de la ciudad:
 ¡Plan de seguridad vial local (LRSP) y el desarrollo del Plan de acción Vision Zero!

Reuniones Publicas
 Reuniones publicas para solicitar puntos de vista sera publicado en el website:

<p>Local Roadway Safety Plan</p>  https://www.livermore.safetyplan.org/	<p>Vision Zero Action Plan</p>  https://www.livermore.visionzero.org/
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Otras maneras de compartir tus temores

Visite el sitio web de la ciudad
 Marcar intersecciones y segmentos de caminos y proveer informacion sobre seguridad publica.



Provide Input



<https://www.livermorevisionzero.org/>

Note: The City may be required to disclose certain information that you provide as part of your feedback regarding Livermore Vision Zero Action Plan.

The City of Livermore is regulated by the California Public Records Act (Gov't Code Section 7920.005 et. seq. CPRA) and information provided by members of the community on the map input may be subject to disclosure to third parties or a court of law pursuant to the CPRA.

PUBLIC OUTREACH

Vision Zero Action Plan requires public outreach because it aims to improve road safety and reduce traffic fatalities, and gathering feedback from the community can help ensure the plan addresses their concerns and needs.

Share your input during our Community Workshop#1

August 22, 2023 from 6:00 p.m. - 7:30 p.m.

Meeting ID: 898 0163 6663

Passcode: 666174

[CLICK HERE TO JOIN](#)

We look forward to hearing from you!

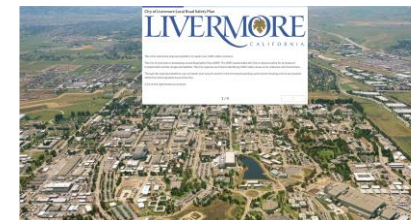
Please share your RSVP below:

[RSVP](#)

Your input is essential for the success of this Vision Zero Action Plan. Click the button below to provide us with your concerns regarding traffic and safety.

[COMMUNITY INPUT](#)

Please report your concerns by September 1, 2023

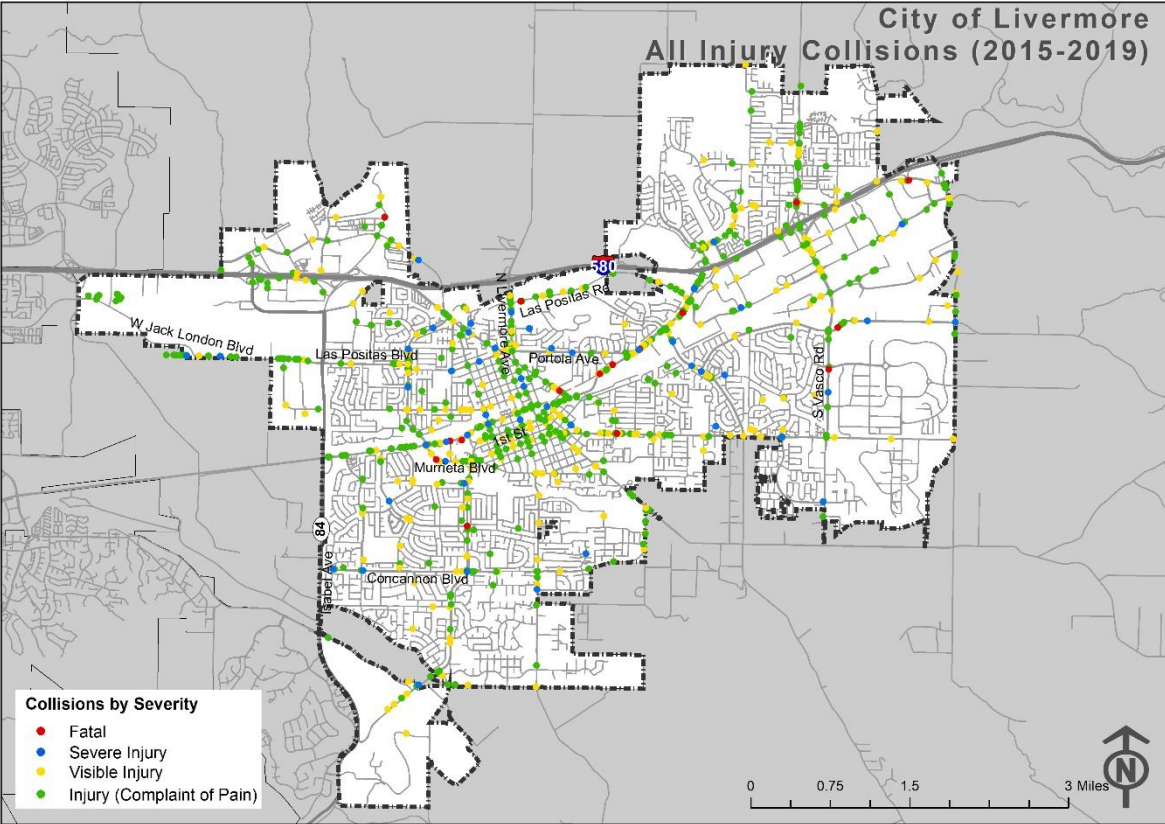


[CLICK HERE!](#)

A street scene with a blue overlay. In the background, there is a tall flagpole with an American flag, a traffic light pole with a sign, and a building. In the foreground, there are two wooden benches, a small tree in a metal cage, and a flower bed with pink flowers. The text "Collision Analysis" is centered in white on the blue overlay.

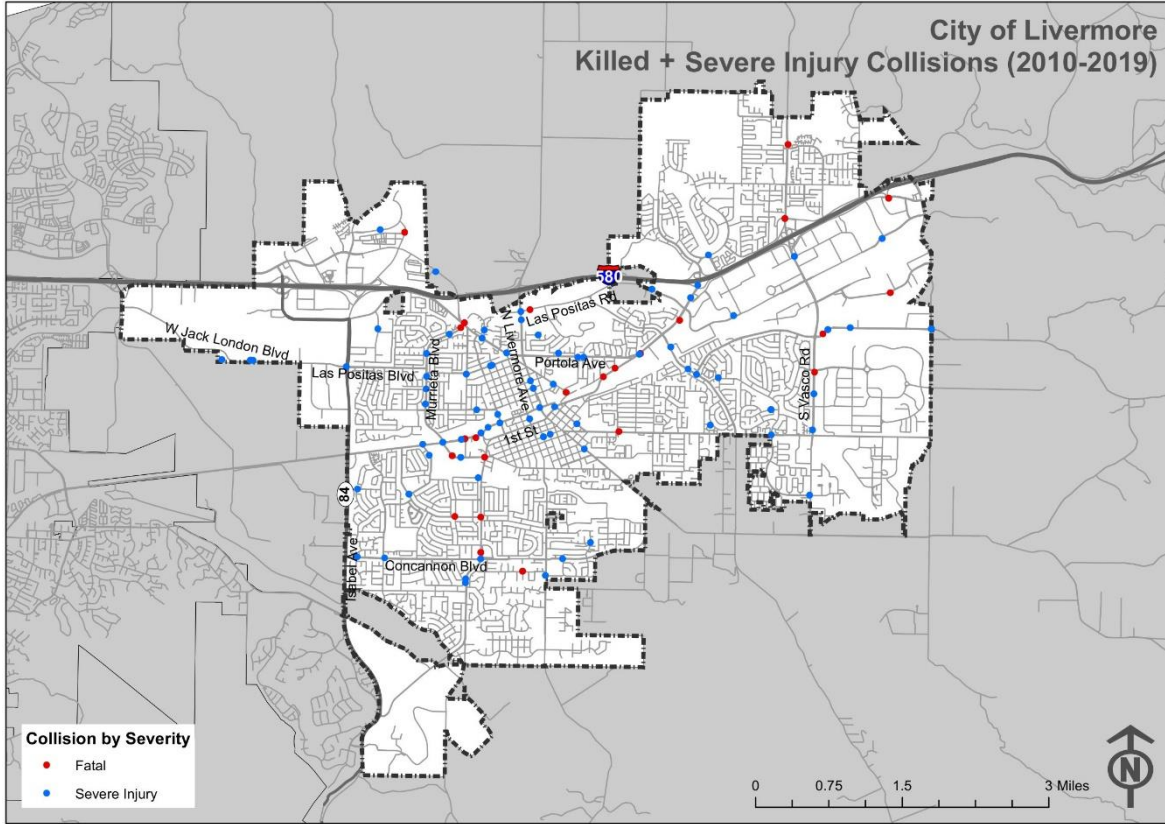
Collision Analysis

Collision Analysis and Findings



All Injury Collisions (2015-2019)

Local Roadway Safety Plan

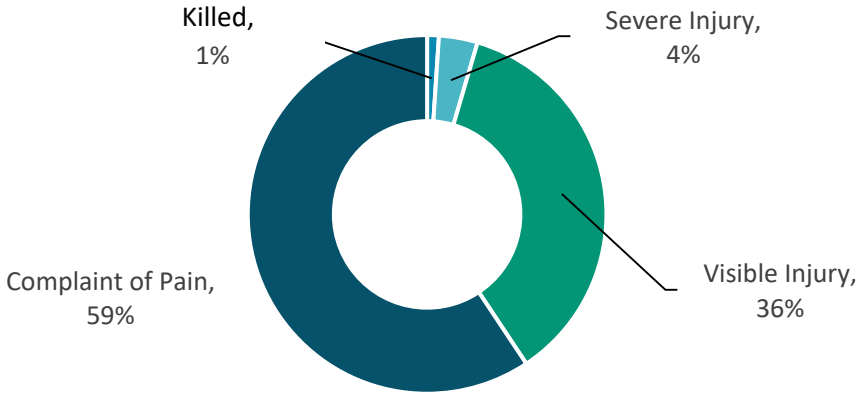
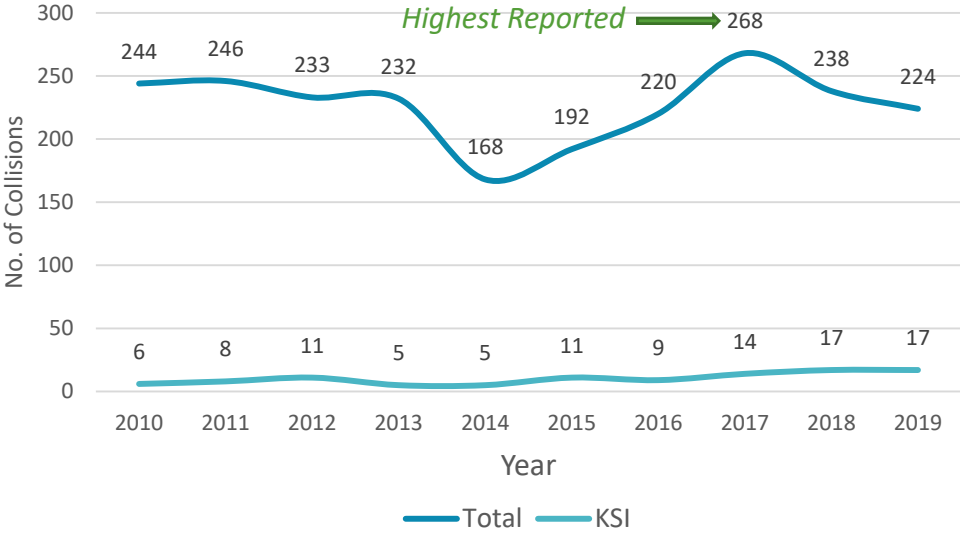


All Killed and Severe Injury Collisions (2010-2019)

Vision Zero

Collision Analysis and Findings

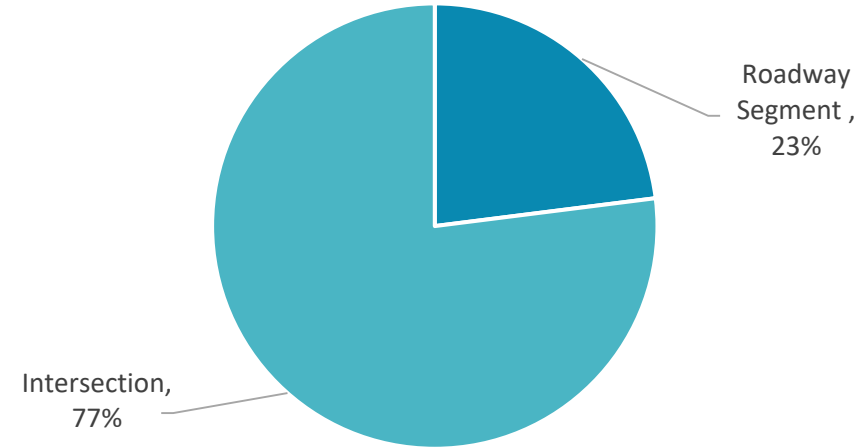
Collisions occurred over years



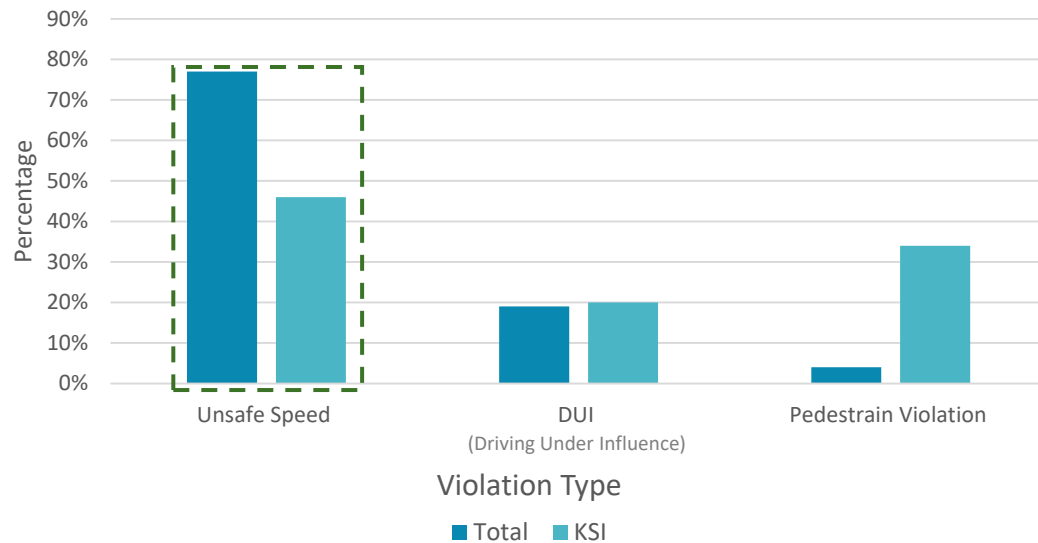
103 Killed & Severe Injury (KSI) collisions

Collision Analysis and Findings

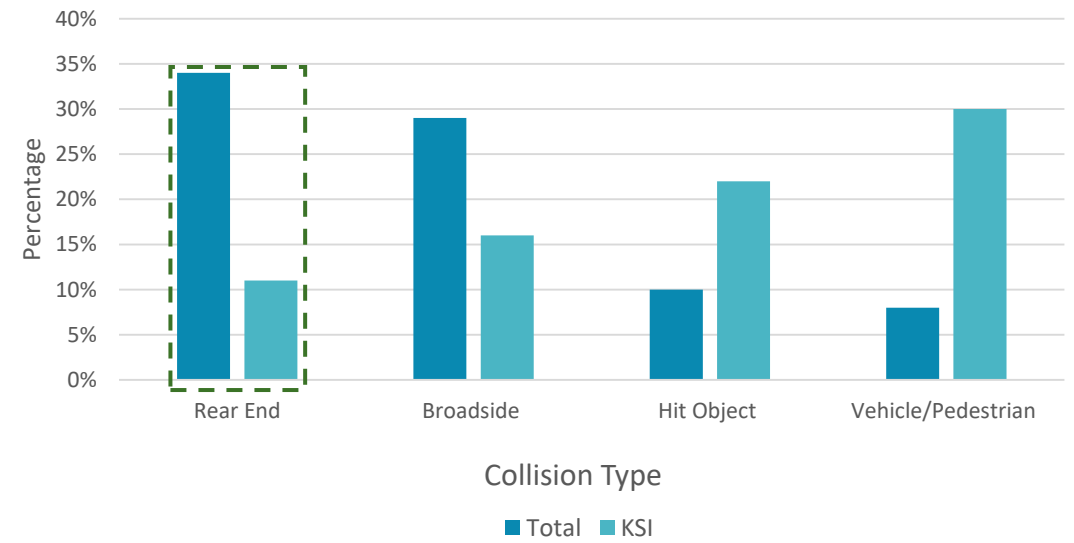
Intersections vs. Roadway Segments



Violation Type



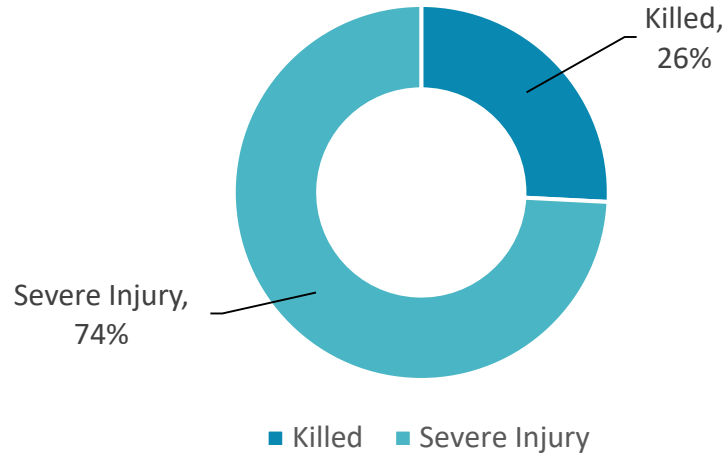
Collision Type



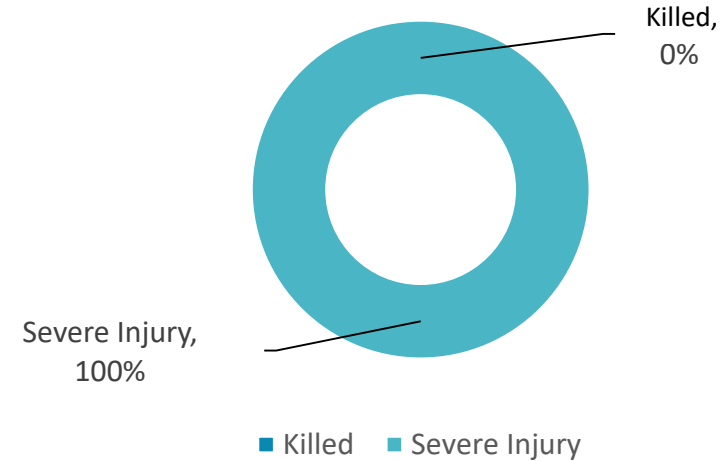
KSI: Killed and Severe Injury

Collision Analysis and Findings

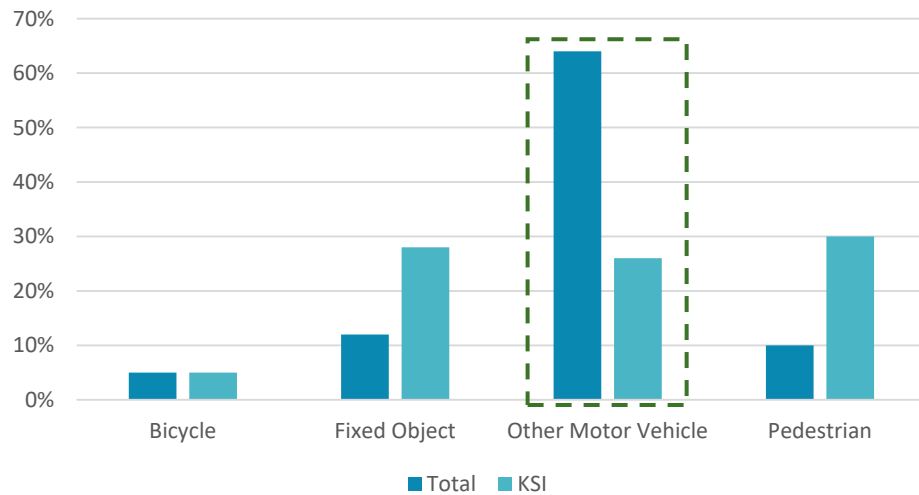
Pedestrian Collisions (KSI)



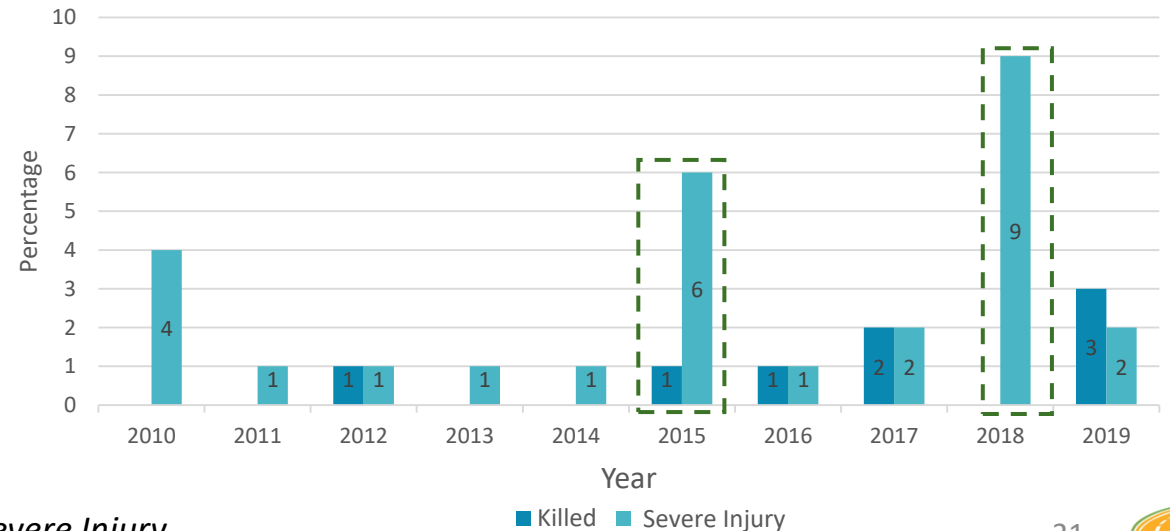
Bicycle Collisions (KSI)



Collisions by Motor Vehicle Involved With

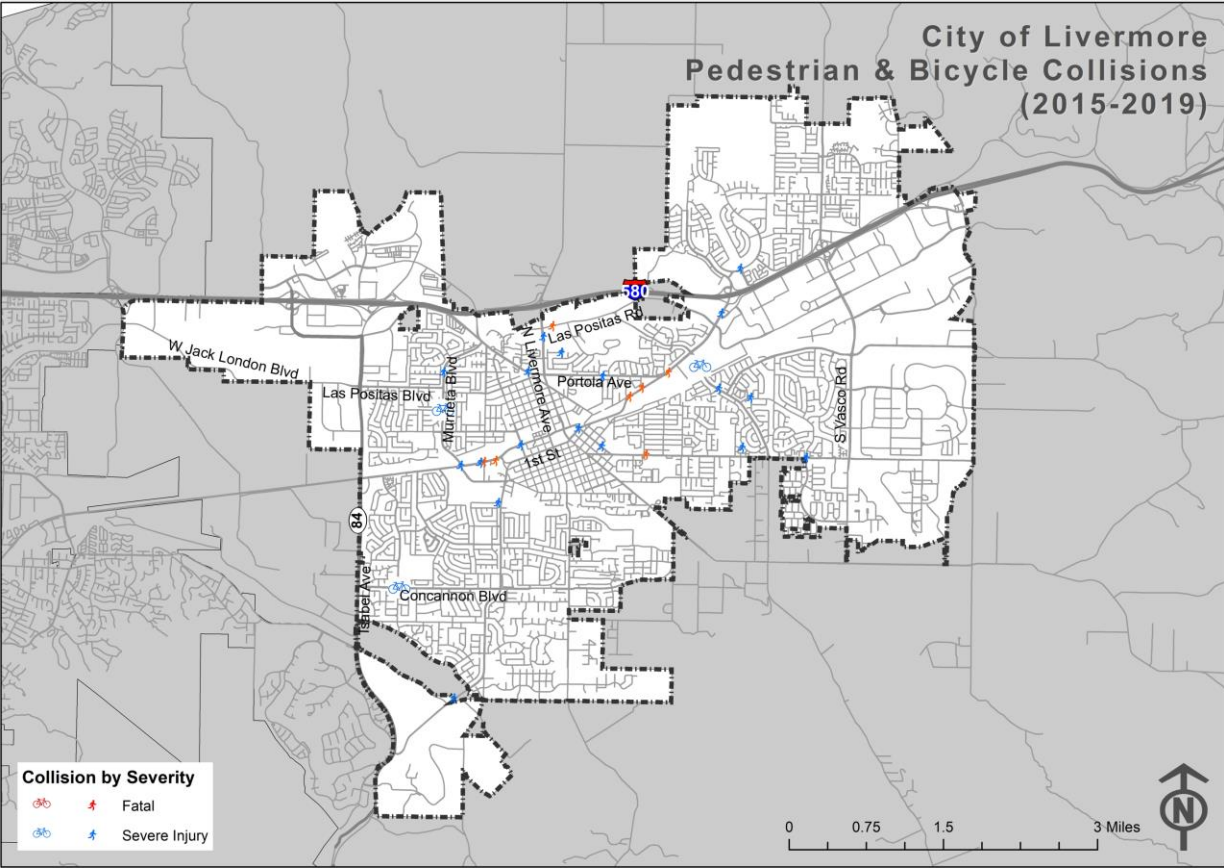


Pedestrian/Bicycle Collisions (KSI)

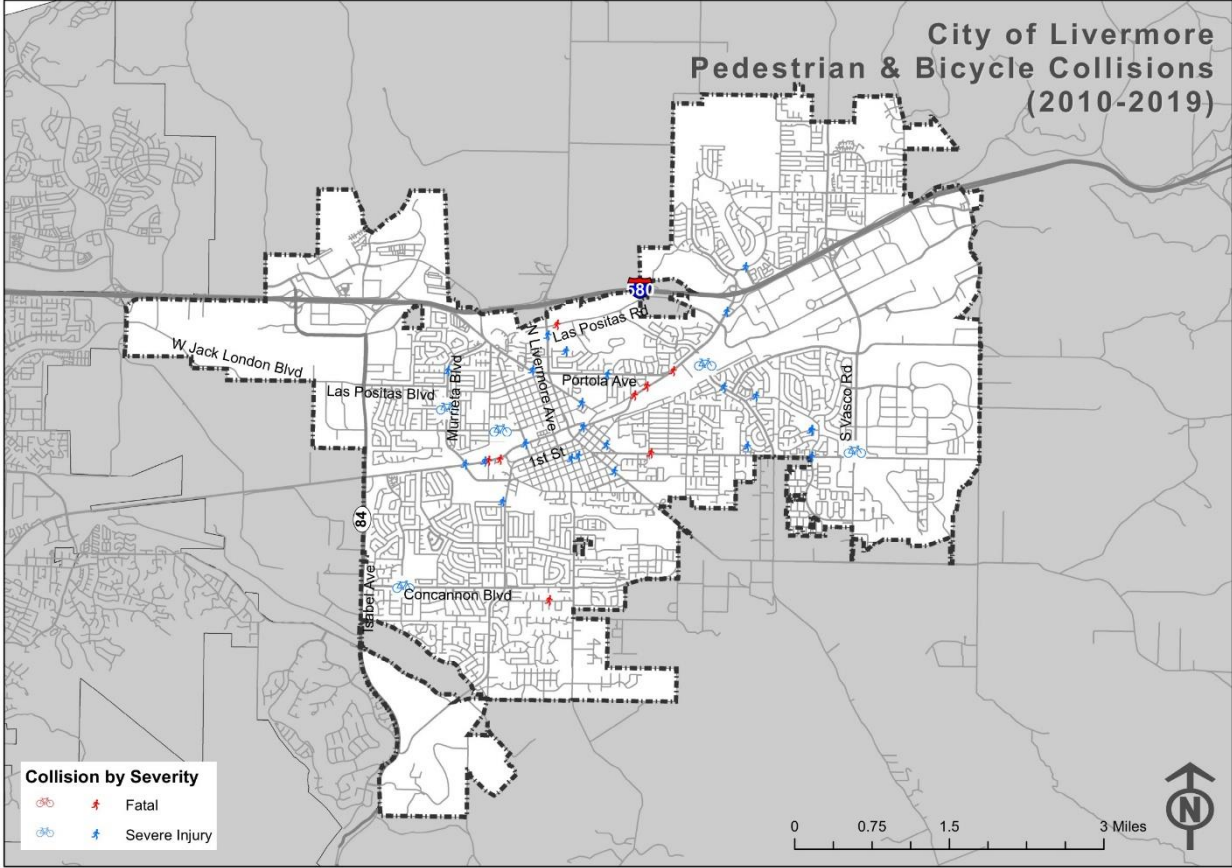


KSI: Killed and Severe Injury

Collision Analysis and Findings-Pedestrian/Bicycle



Pedestrian/Bicycle KSI Injury Collisions (2015-2019)

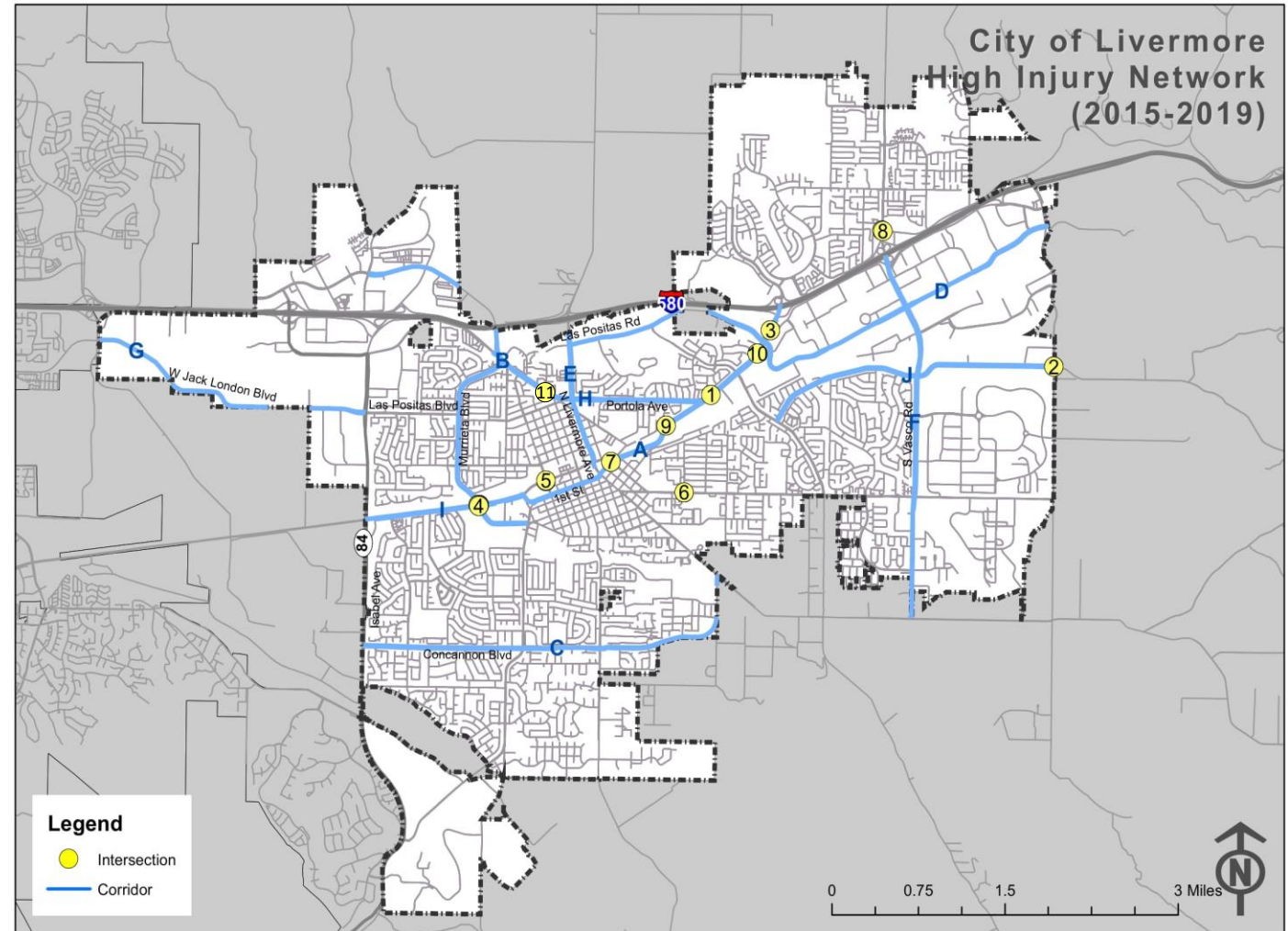


Pedestrian/Bicycle KSI Injury Collisions (2010-2019)

KSI: Killed and Severe Injury

High-Injury Intersections (2015-2019)

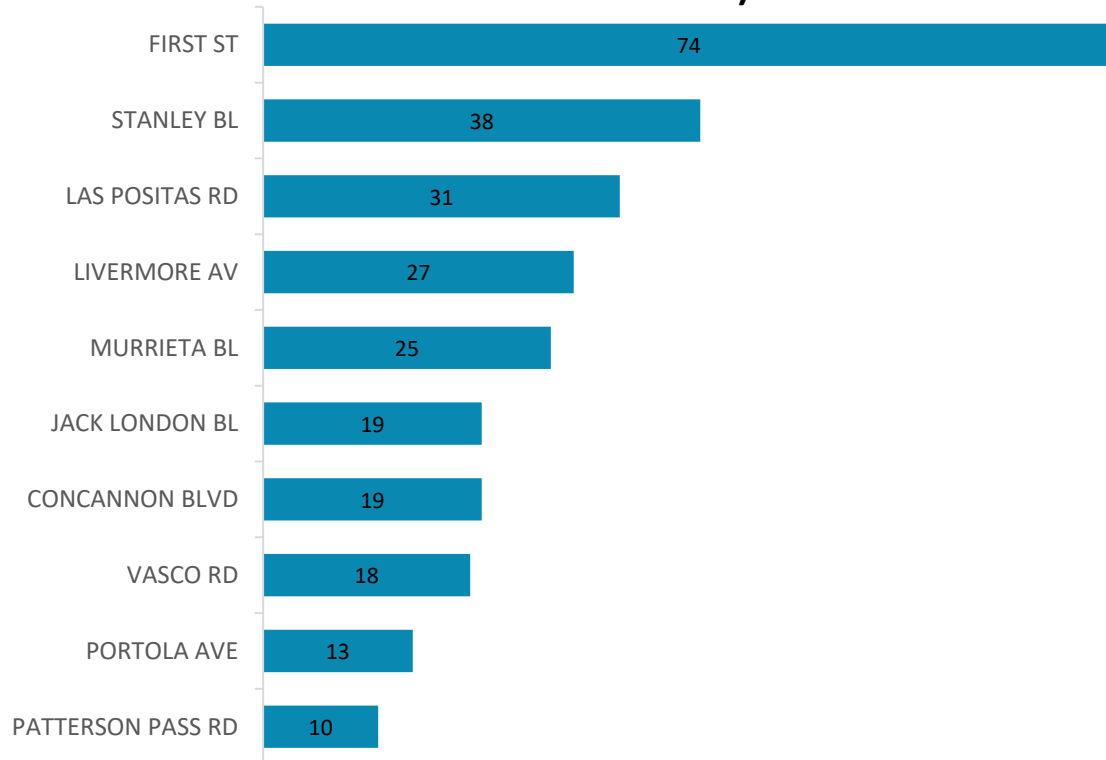
ID	Intersection	Total Injury Collisions	KSI Collisions	Severity Weight
1	First St & Portola Ave (Signalized)	7	3	534
2	Patterson Pass Rd & Greenville Rd (Signalized)	27	2	530
3	First St and Southfront Rd (Signalized)	12	1	241
4	E Stanley Blvd & Murrieta Blvd (Signalized)	10	1	239
5	Railroad Ave & S P St (Signalized)	9	1	228
6	Jensen St & East Ave (Non-Signalized)	8	1	227
7	First St & Maple St (Signalized)	6	1	187
8	Northfront Road & North Vasco Road (Signalized)	9	1	282
9	First St & Scott St (Non-Signalized)	7	1	211
10	First St & Bellmawr Dr (Non-Signalized)	6	1	215
11	Portola Ave & N P St (Signalized)	5	1	199



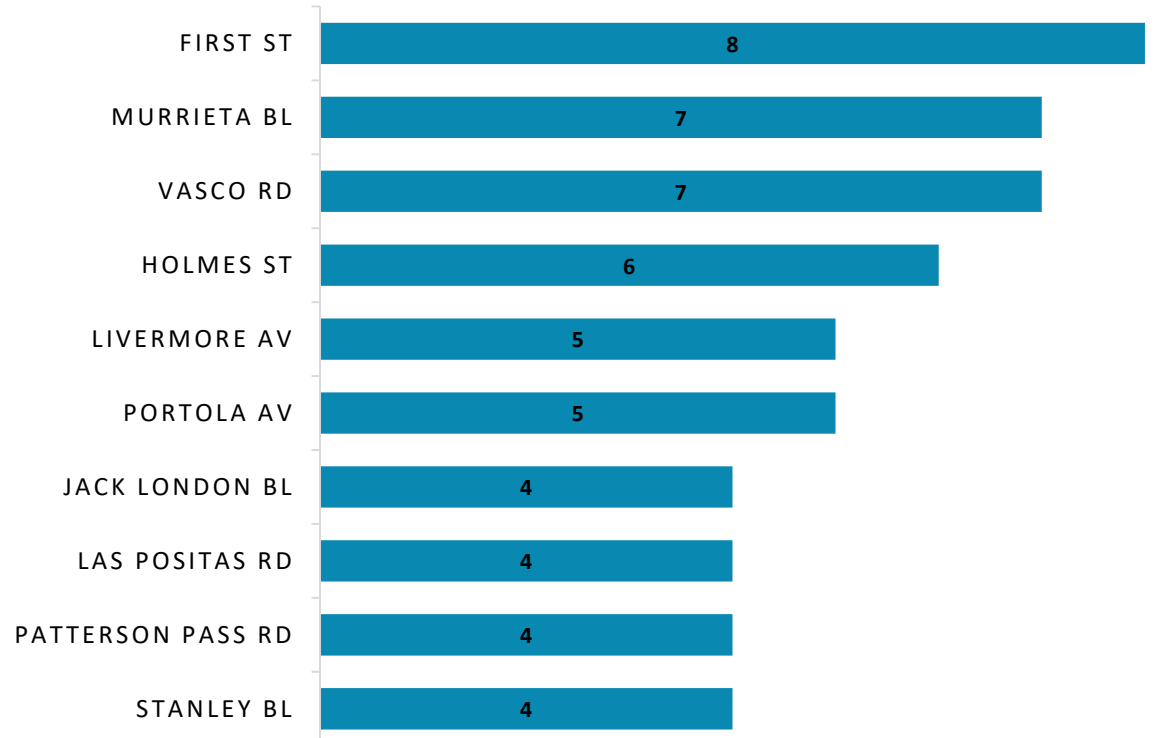
Note: Signal installed on Patterson Pass Rd & Greenville Rd in the year 2020.

High-Injury Corridors (LRSP & Vision Zero)

LOCAL ROADWAY SAFETY PLAN (2015-2019 ALL INJURY COLLISIONS)



VISION ZERO (2010-2019 ALL KSI COLLISIONS)



Next Steps

- Identify top emphasis areas
- Identify and prioritize engineering countermeasures and non-engineering strategies
- Develop safety projects
- Project Website:
<https://www.livermoresafetyplan.org/> &
<https://www.livermorevisionzero.org/>





THANK YOU!

<https://www.livermoresafetyplan.org/> & <https://www.livermorevisionzero.org/>

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RJariwala@TIKM.com

