Vision Zero Draft Action Plan

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What is Vision Zero

- Vision Zero is a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all.
### Collision Profiles & Countermeasures

<table>
<thead>
<tr>
<th>Collision Profile</th>
<th>% of All KSI (# of All KSI)</th>
<th>% of Auto KSI (# of Auto KSI)</th>
<th>% of Bicycle KSI (# of Bicycle KSI)</th>
<th>% of Pedestrian KSI (# of Pedestrian KSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian Action</td>
<td>38.63% (129)</td>
<td>40.25% (68)</td>
<td>55.56% (20)</td>
<td>100% (129)</td>
</tr>
<tr>
<td>Broadside</td>
<td>27.55% (92)</td>
<td></td>
<td>55.56% (20)</td>
<td>3.11% (4)</td>
</tr>
<tr>
<td>Alcohol Involved</td>
<td>23.06% (77)</td>
<td>25.45% (43)</td>
<td>13.89% (5)</td>
<td>22.49% (29)</td>
</tr>
<tr>
<td>Pedestrian Violation</td>
<td>19.77% (66)</td>
<td></td>
<td>51.17% (66)</td>
<td></td>
</tr>
<tr>
<td>Auto R/W Violation</td>
<td>17.67% (59)</td>
<td>27.23% (46)</td>
<td>25% (9)</td>
<td>3.11% (4)</td>
</tr>
<tr>
<td>Head-On</td>
<td>12.28% (41)</td>
<td>19.53% (33)</td>
<td>2.78% (1)</td>
<td>5.43% (7)</td>
</tr>
<tr>
<td>Unsafe Speed</td>
<td>9.29% (31)</td>
<td>15.39% (26)</td>
<td>5.56% (2)</td>
<td>2.33% (3)</td>
</tr>
<tr>
<td>Rear-End</td>
<td>8.09% (27)</td>
<td>14.22% (24)</td>
<td>5.56% (2)</td>
<td>0.78% (1)</td>
</tr>
<tr>
<td>Improper Turning</td>
<td>8.09% (27)</td>
<td>11.85% (20)</td>
<td>13.89% (5)</td>
<td>1.56% (2)</td>
</tr>
<tr>
<td>Broadside Involved with Bicycle</td>
<td>5.99% (20)</td>
<td></td>
<td>55.56% (20)</td>
<td></td>
</tr>
</tbody>
</table>
PROFILE 1: Pedestrian Action

**Pedestrian-Activated Crosswalk Warning Beacon**

**High Visibility Crosswalks**

**Pedestrian Hybrid Beacon**

**STATS**
- 129 KSI Collisions

**FACTORs**
- Pedestrian collisions
- Definition: Collisions occurred midblock or intersections at unmarked or marked crosswalks

*Accounts for 39% of all KSI Collisions*
High Collision Corridors Emphasis Area

1. East Market Street
2. Williams Road
3. East Laurel Drive
4. Boronda Road
5. East Alisal Street
6. North Main Street
7. West Laurel Drive
8. North Sanborn Road
9. East Laurel Drive
10. Sanborn Road
COLLISION CORRIDORS
East Market Street, from Sherwood Drive to North Sanborn Road: 2009-2018

NOTABLE PRIMARY COLLISION FACTORS

- AUTO R/W VIOLATION: 28%
- UNSAFE SPEED: 19%
- IMPROPER TURNING: 11%
- DUI: 10%

NOTABLE COLLISION TYPES

- Broadside
- Head-On
- Other
- Rear-End
- Sideswipe
- Veh-Ped

Map showing collision types and locations: KSI Collisions vs All Collisions.
East Market Street between Sherwood Drive and Merced Street recommended countermeasures include a lane reduction from 4 lanes to 2 travel lanes with a two-way left turn lane and buffered bike lanes. East Market Street between Merced Street and Sanborn Road recommended countermeasures include a raised median and street trees. These countermeasures will minimize limit turning maneuvers at driveways and minor roads to reduce collision potential. Other countermeasures include bicycle lanes, protected left phasing is proposed at N Madeira, Hebbron Ave, and coordination of all traffic signals along this corridor. Increased traffic enforcement is recommended.
High Collision Intersections Emphasis Area

1. Sanborn Road at Freedom Parkway
2. Sanborn Road at Garner Avenue
3. Boronda Road at North Main Street
4. North Main Street at West Bernal Drive
5. East Laurel Drive at Granada Avenue
6. Williams Road at Del Monte Avenue
7. East Alisal Street at Griffin Street
8. East Market Street at North Madeira Avenue
9. East Laurel Drive at Constitution Boulevard
10. East Market Street at Kern Street
North Sanborn at Freedom Parkway recommended countermeasures include signal timing and phasing improvements that provide protected left turn phase, leading pedestrian interval, coordinated signals and traffic control. An intersection control evaluation is recommended. Increased traffic enforcement or automated red-light enforcement is recommended.

**NOTABLE PRIMARY COLLISION FACTORS**

**RECOMMENDATIONS**

- **AUTO R/W VIOLATION**
  - Protected Left Turns

- **TRAFFIC SIGNALS & SIGNS**
  - Signal Timing and Phasing
  - Coordinate Traffic Signals

- **UNSAFE SPEED**
  - Enforcement

**NOTABLE COLLISION TYPES**

**RECOMMENDATIONS**

- **BROADSIDE**
  - Protected Left Turns

- **REAR-END**
  - Coordinated Traffic Signals

- **VEH-PED**
  - Leading Pedestrian Phase

- **HEAD-ON**
  - Protected Left Turns
Your Feedback is Important

- Vision Zero Online Survey
  - [https://arcgis/oPmLCz](https://arcgis/oPmLCz)

Scan the QR Code for Online Survey
THE END