

APPENDIX D

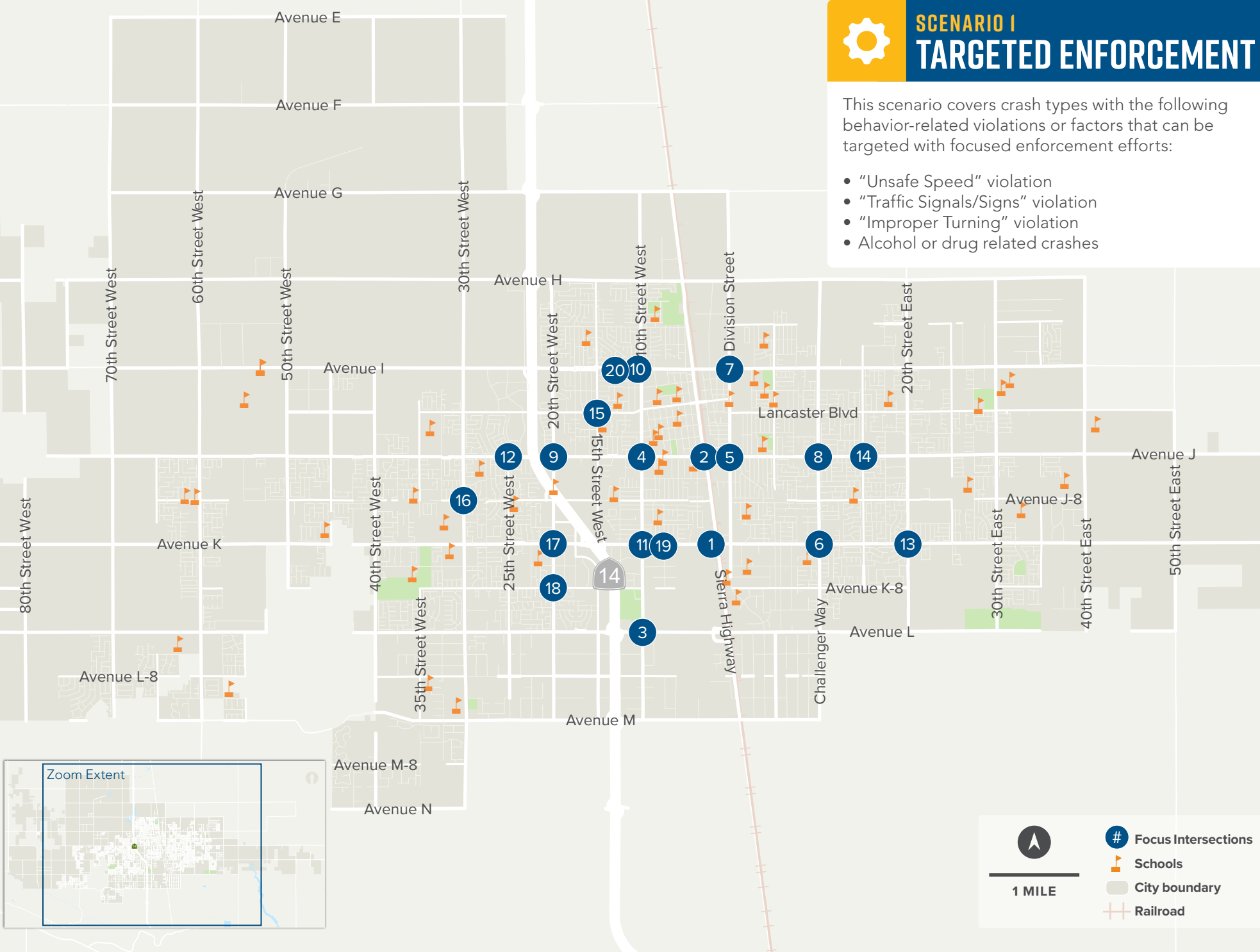
SCENARIO PLANNING CUT-SHEETS



SCENARIO I TARGETED ENFORCEMENT

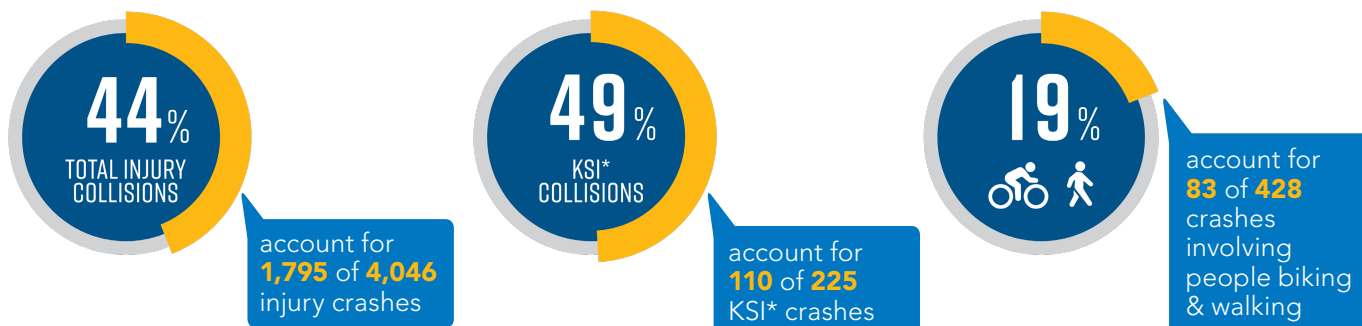
This scenario covers crash types with the following behavior-related violations or factors that can be targeted with focused enforcement efforts:

- "Unsafe Speed" violation
- "Traffic Signals/Signs" violation
- "Improper Turning" violation
- Alcohol or drug related crashes



WHAT DO WE KNOW ABOUT THESE CRASHES?

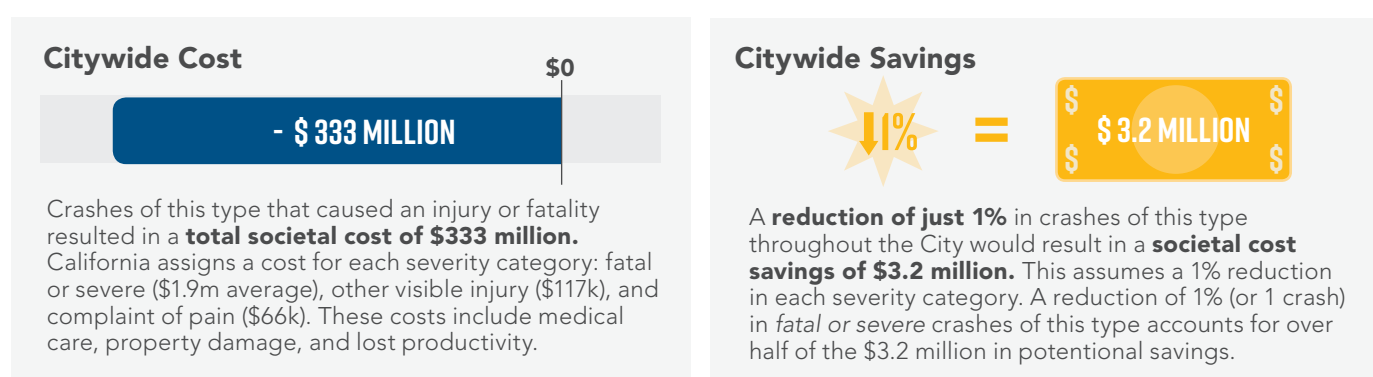
January 1, 2013 - December 31, 2017



TOP 20 INTERSECTIONS

- 1 Sierra Hwy & Avenue K
- 2 Sierra Hwy & Avenue J
- 3 10th St W & Avenue L
- 4 10th St W & Avenue J
- 5 Divison St & Avenue J
- 6 Challenger Way & Avenue K
- 7 Divison St & Avenue I
- 8 Challenger Way & Avenue J
- 9 20th St W & Avenue J
- 10 10th St W & Avenue I
- 11 10th St W & Avenue K
- 12 25th St W & Avenue J
- 13 20th St E & Avenue K
- 14 15th St E & Avenue J
- 15 15th St W & Lancaster Blvd
- 16 30th St W & Avenue J-8
- 17 20th St W & Avenue K
- 18 20th St W & Avenue K-8
- 19 Gadsden Ave & Avenue K
- 20 13th St W & Avenue I

WHAT IS THE SOCIETAL COST OF THESE CRASHES?



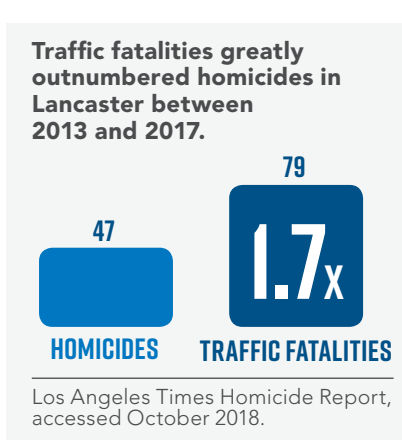
WHAT CAN WE DO TO MAKE OUR STREETS SAFER?

TARGETED ENFORCEMENT

Refocus traffic enforcement efforts on violations resulting in the greatest number of severe and fatal crashes in the areas where crashes caused by those violations occur most often.

EDUCATION & OUTREACH

Partner with law enforcement to develop education and outreach programs and campaigns aimed at raising awareness around traffic violations resulting in the greatest number of severe and fatal crashes.

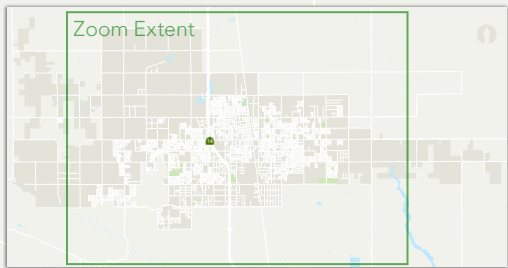
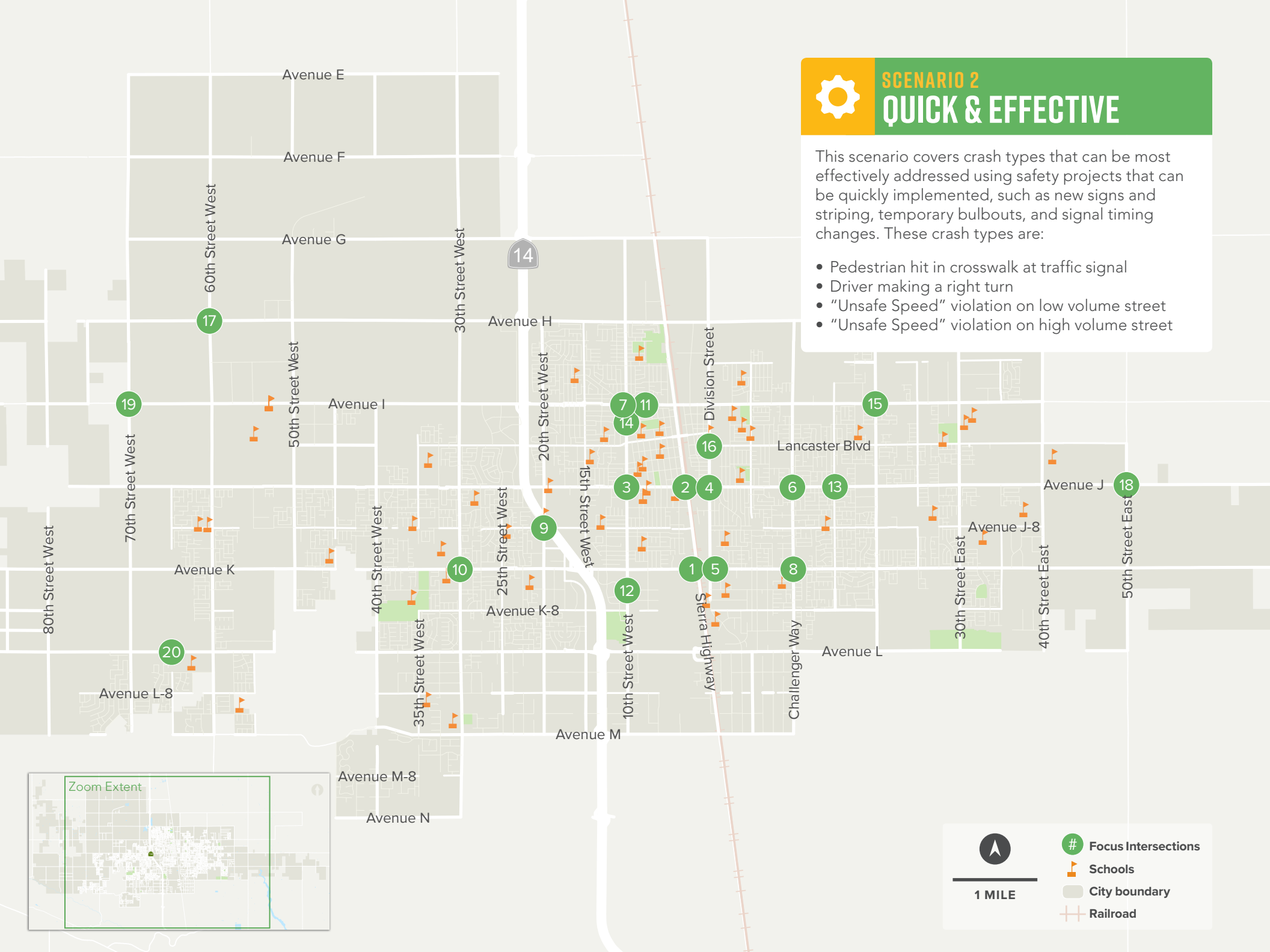




SCENARIO 2 QUICK & EFFECTIVE

This scenario covers crash types that can be most effectively addressed using safety projects that can be quickly implemented, such as new signs and striping, temporary bulbouts, and signal timing changes. These crash types are:

- Pedestrian hit in crosswalk at traffic signal
- Driver making a right turn
- "Unsafe Speed" violation on low volume street
- "Unsafe Speed" violation on high volume street

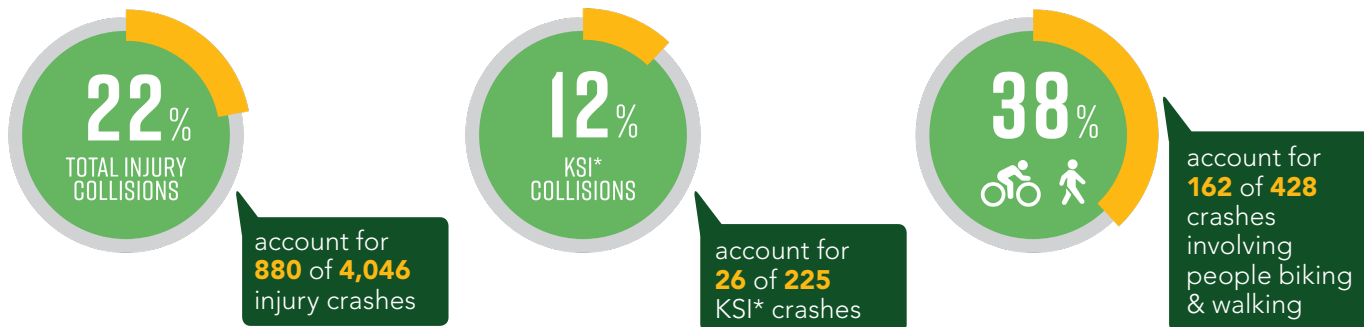


1 MILE

- # Focus Intersections
- Schools
- City boundary
- Railroad

WHAT DO WE KNOW ABOUT THESE CRASHES?

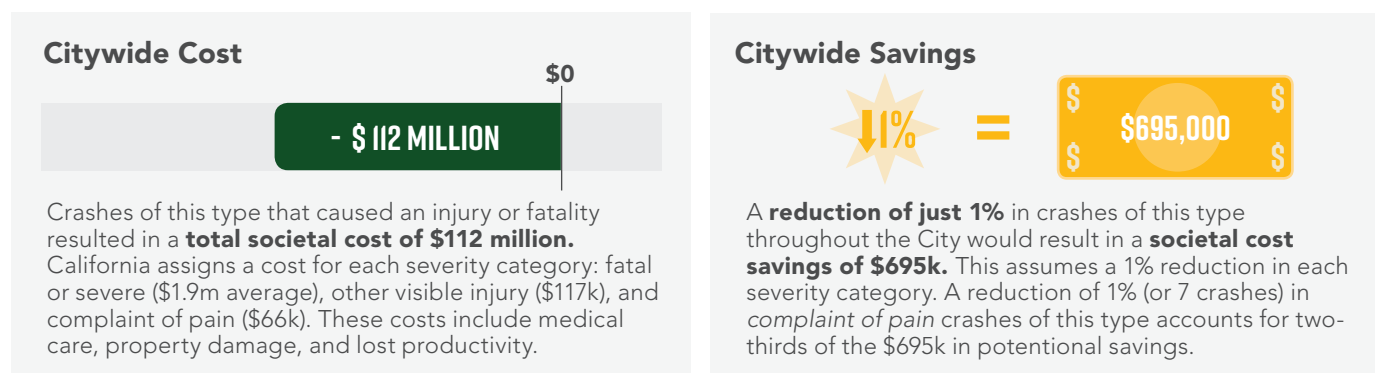
January 1, 2013 - December 31, 2017



TOP 20 INTERSECTIONS

- 1 Sierra Hwy & Avenue K
- 2 Sierra Hwy & Avenue J
- 3 10th St W & Avenue J
- 4 Divison St & Avenue J
- 5 Divison St & Avenue K
- 6 Challenger Way & Avenue J
- 7 10th St W & Avenue I
- 8 Challenger Way & Avenue K
- 9 20th St W & Avenue J-8
- 10 30th St W & Avenue K
- 11 Fern Ave & Avenue I
- 12 10th St W & Avenue K-4
- 13 15th St E & Avenue J
- 14 10th St W & Jackman St
- 15 20th St E & Avenue I
- 16 Divison St & Milling St
- 17 60th St West & Avenue H
- 18 50th St East & Avenue J
- 19 70th St West & Avenue I
- 20 65th St W & Avenue L

WHAT IS THE SOCIETAL COST OF THESE CRASHES?



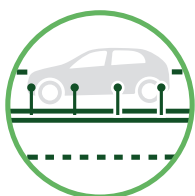
WHAT CAN WE DO TO MAKE OUR STREETS SAFER?

LEADING PEDESTRIAN INTERVAL



Gives people walking a head start, making them more visible to drivers turning right or left. "WALK" signal comes on a few seconds before the cars get their green light. May be used in combination with No Right Turn on Red restrictions.

QUICK BUILD TRAFFIC CALMING



Using low-cost materials to build projects aimed at reducing travel and turning speed that provide additional safety benefits for people biking and walking. Projects could include curb extensions, medians, traffic circles, or traffic diverters.

SPEED FEEDBACK SIGN



Speed feedback signs use radar to show drivers their speeds in real-time, serving as a reminder to slow down and drive within the speed limit.

*KSI = crashes where someone was killed or severely injured.

Statistics based on City's database of collisions from January 1, 2013 through December 31, 2017. This analysis includes only collisions that resulted in an injury or fatality. Collisions resulting only in property damage are excluded from this analysis.

Cost calculations based on the 2016 California Local Roadway Safety Manual. Fatal and Severe Injury crash cost averaged across the three location types. All costs adjusted for inflation and shown in 2019 dollars.