



2015 ANNUAL TRAFFIC SAFETY REPORT

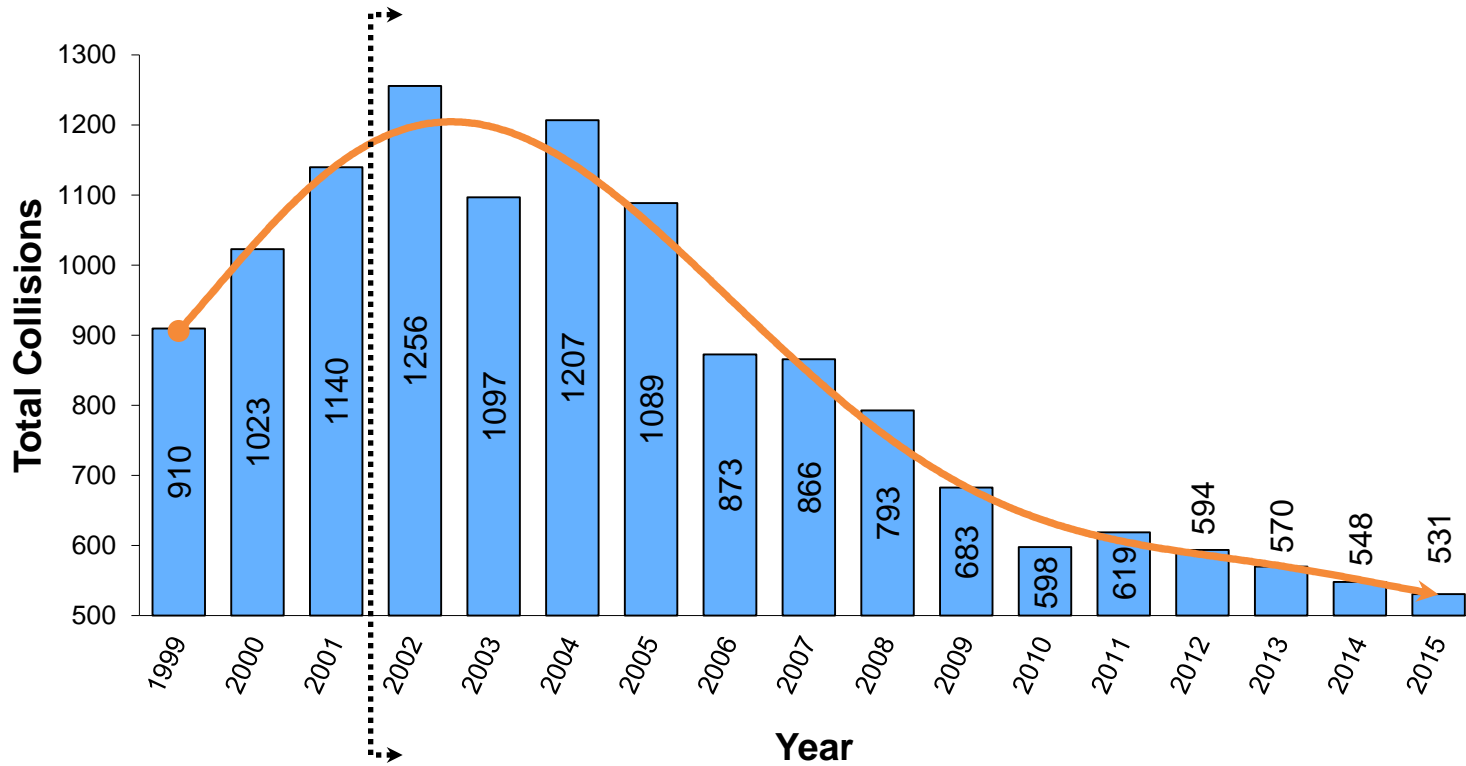


Public Works and Police Department

October 2016



OVERALL CITYWIDE TRAFFIC COLLISION TREND

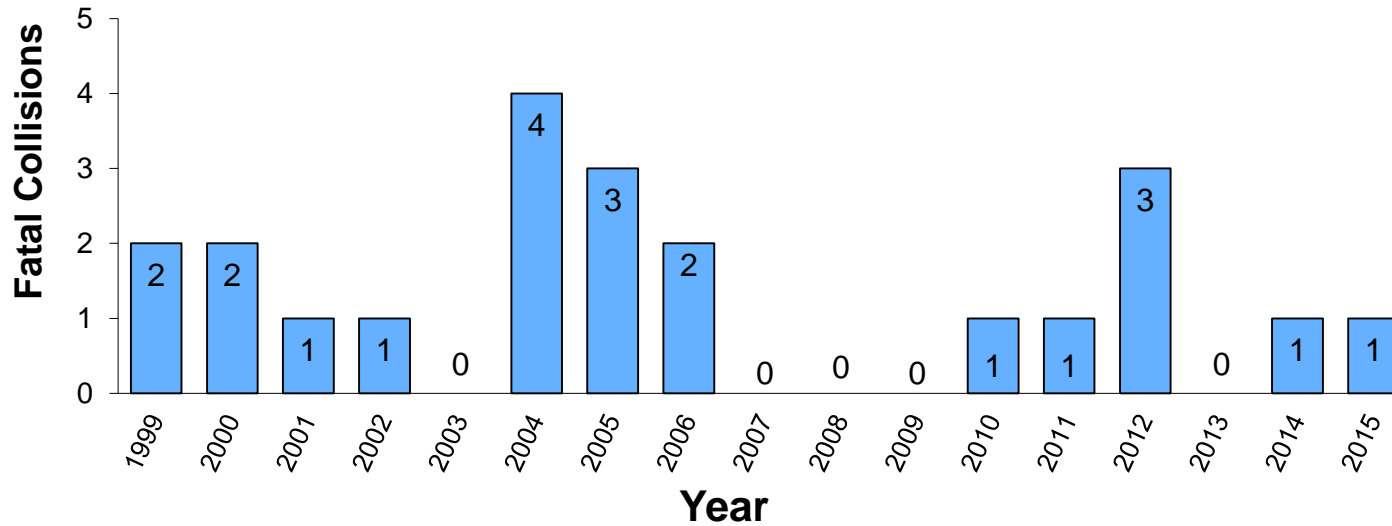
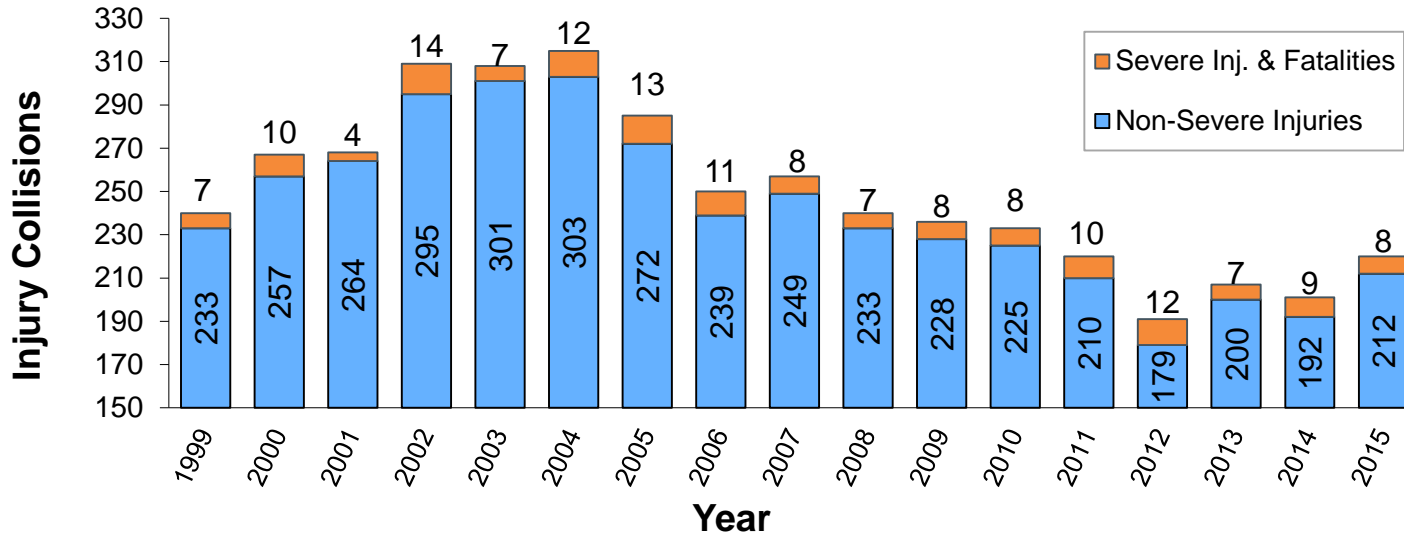


**Safety
Program
Begins**



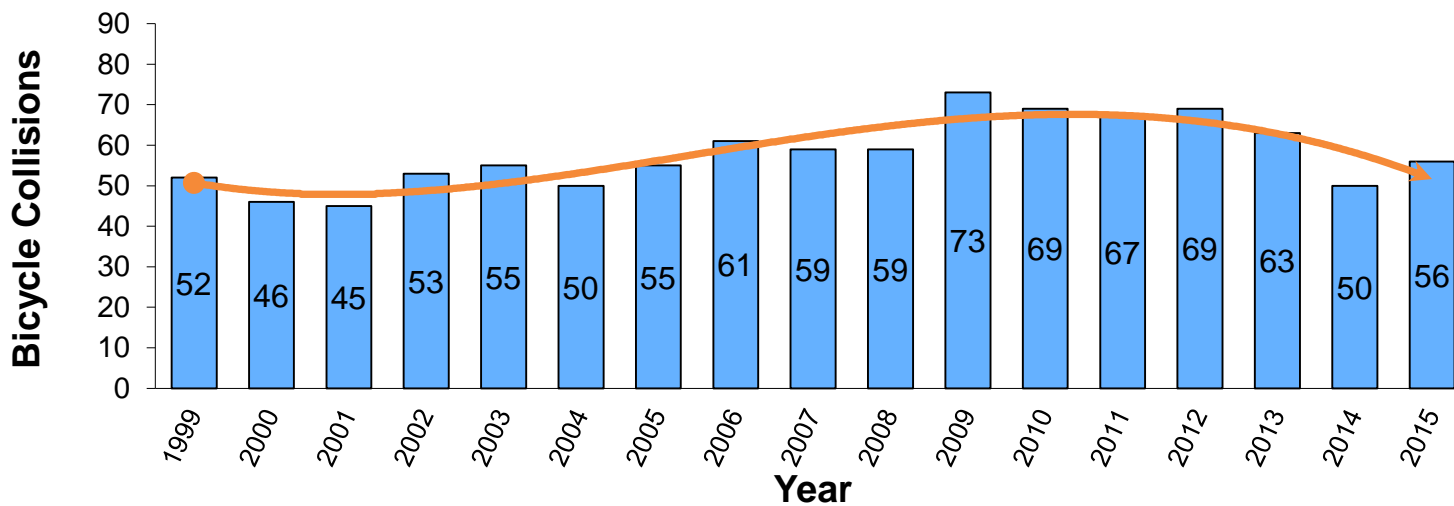
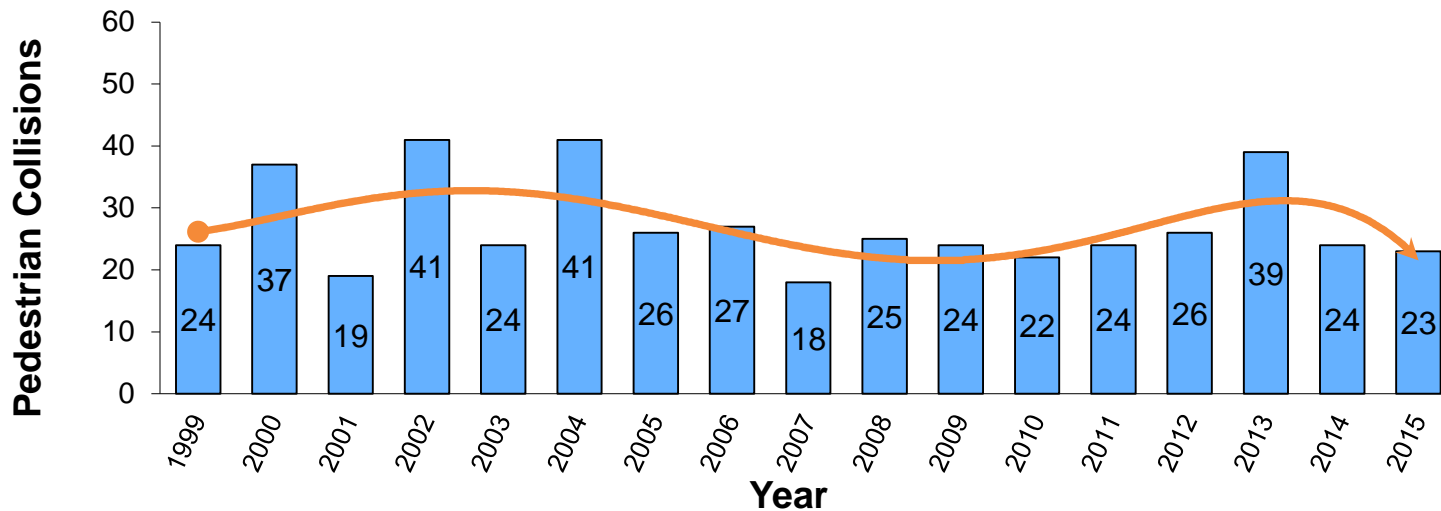


CITYWIDE INJURY & FATAL COLLISION TRENDS





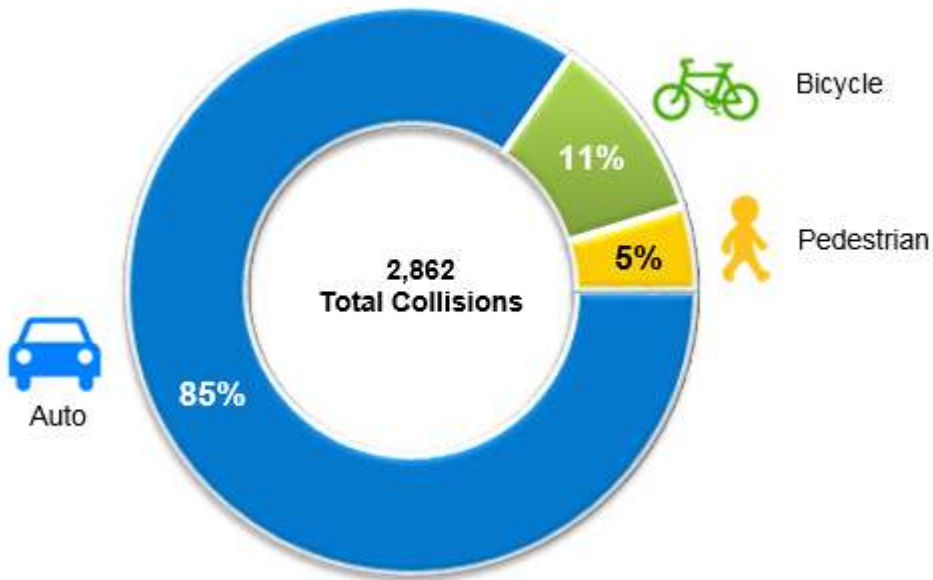
CITYWIDE PED & BIKE COLLISION TRENDS



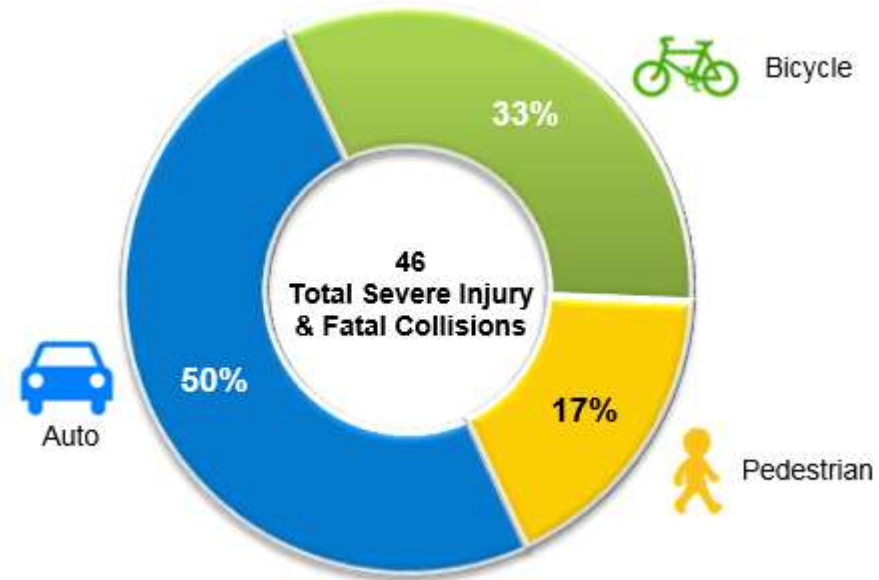
CITYWIDE PED & BIKE COLLISION TRENDS



Total Collisions by Mode (2011-2015)



Total Severe Injury and Fatal Collisions by Mode (2011-2015)



BIKES & PEDS

- 16% of total collisions
- 50% of severe injury & fatal collisions



PRIMARY COLLISION FACTORS



Factor	Rank	%
All Collisions		
Improper Turning	1	23%
Unsafe Speed	2	20%
Unsafe Starting or Backing	3	12%
Traffic Signal/Sign Violation	4	10%
DUI	5	9%

25%

25%

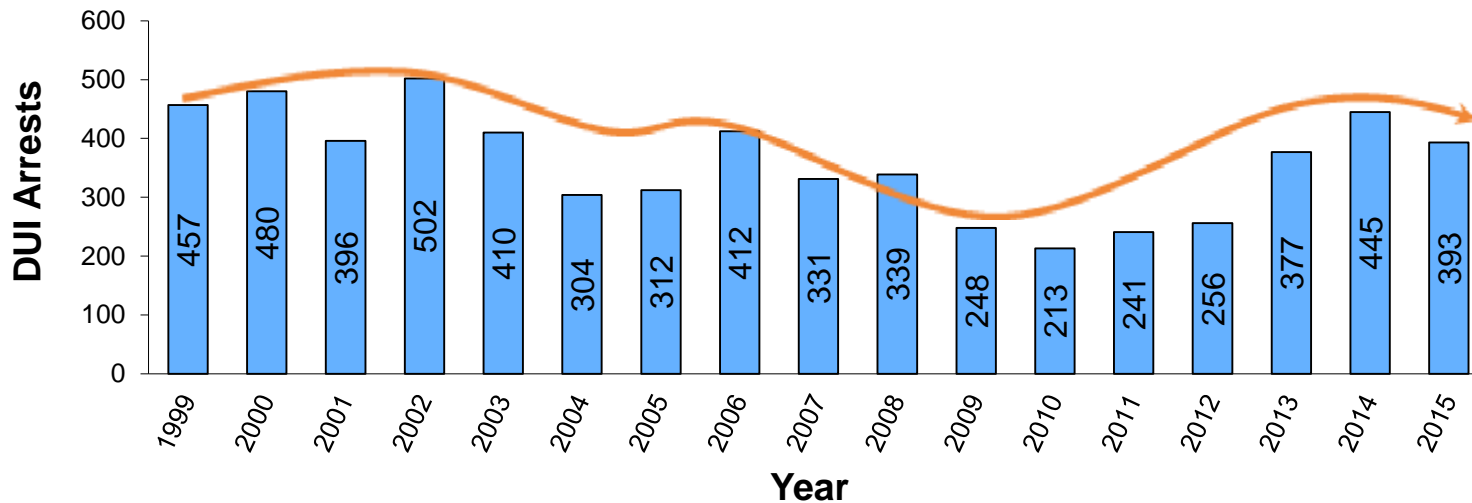
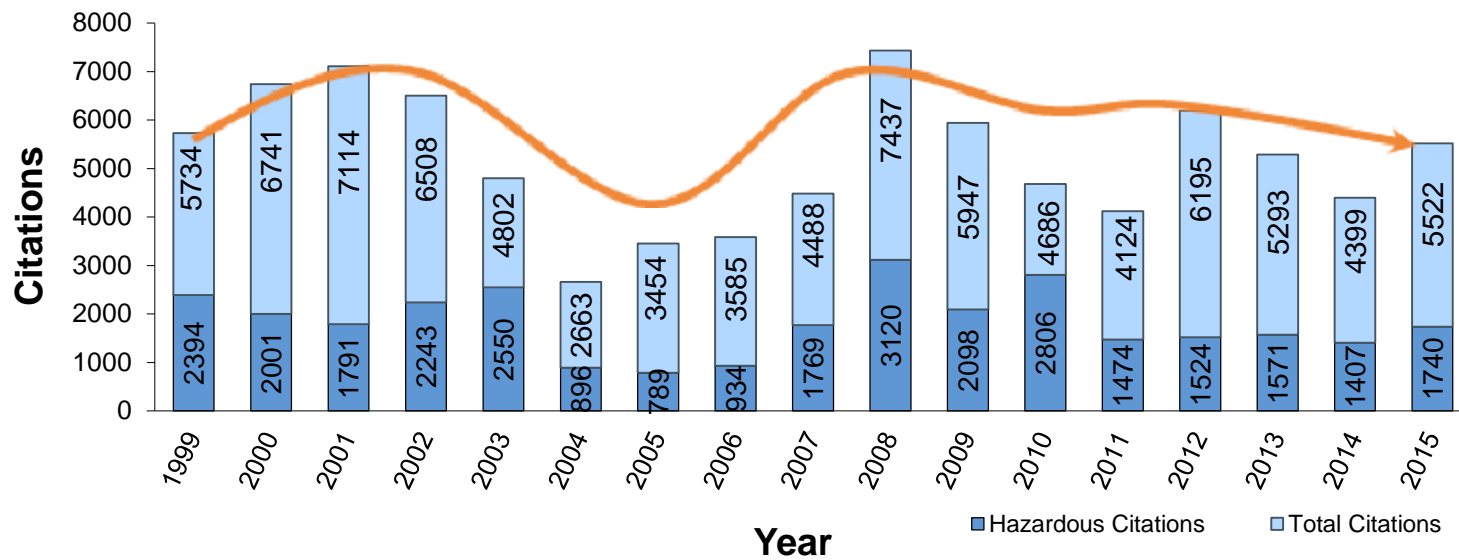
SPEEDING & DUI

- 29% of total collisions
- 50% of severe injury/fatal collisions

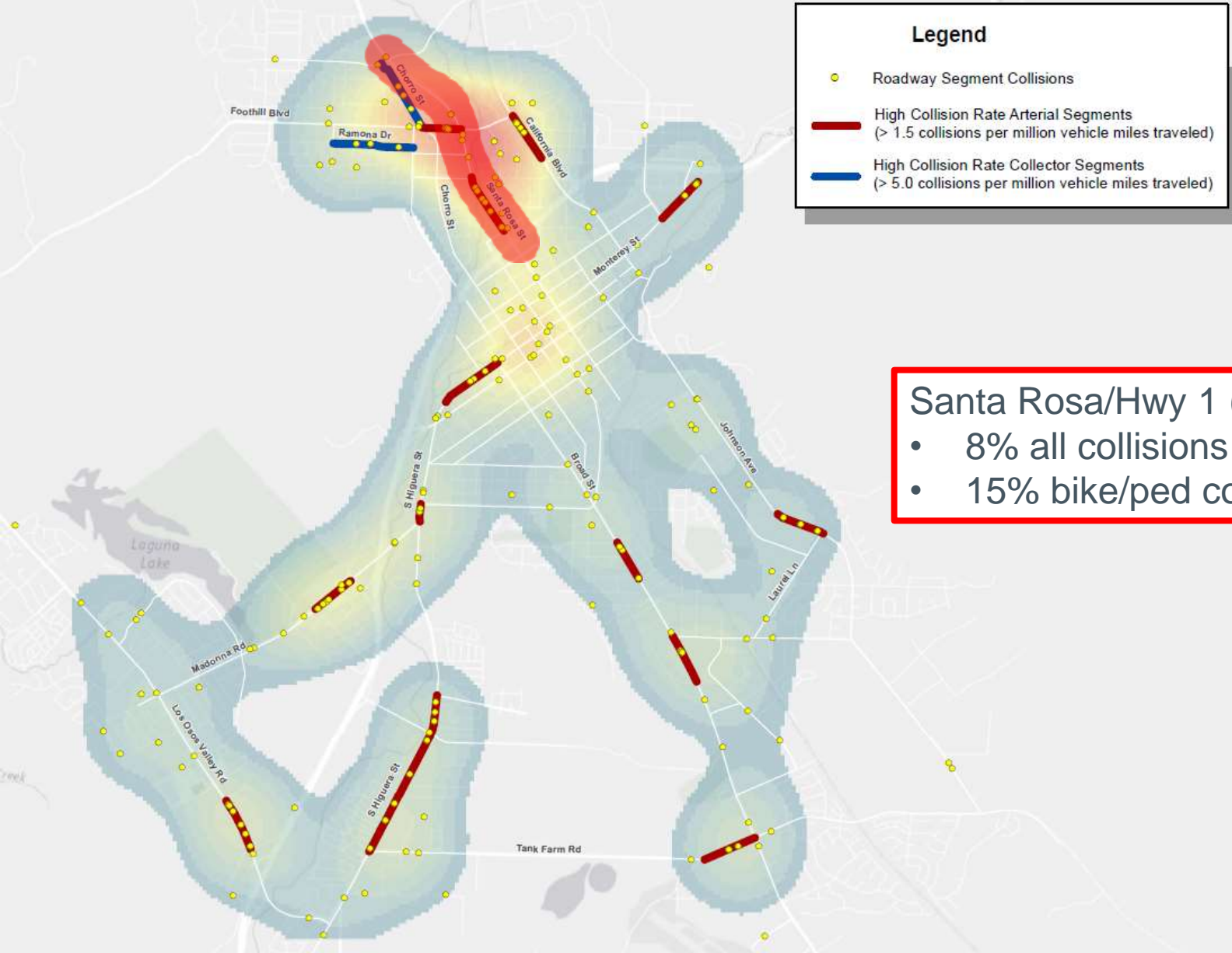




CITYWIDE TRAFFIC CITATIONS



WHERE ARE COLLISIONS OCCURRING?



Legend

- Roadway Segment Collisions
- High Collision Rate Arterial Segments (> 1.5 collisions per million vehicle miles traveled)
- High Collision Rate Collector Segments (> 5.0 collisions per million vehicle miles traveled)

Santa Rosa/Hwy 1 (Caltrans):

- 8% all collisions
- 15% bike/ped collisions

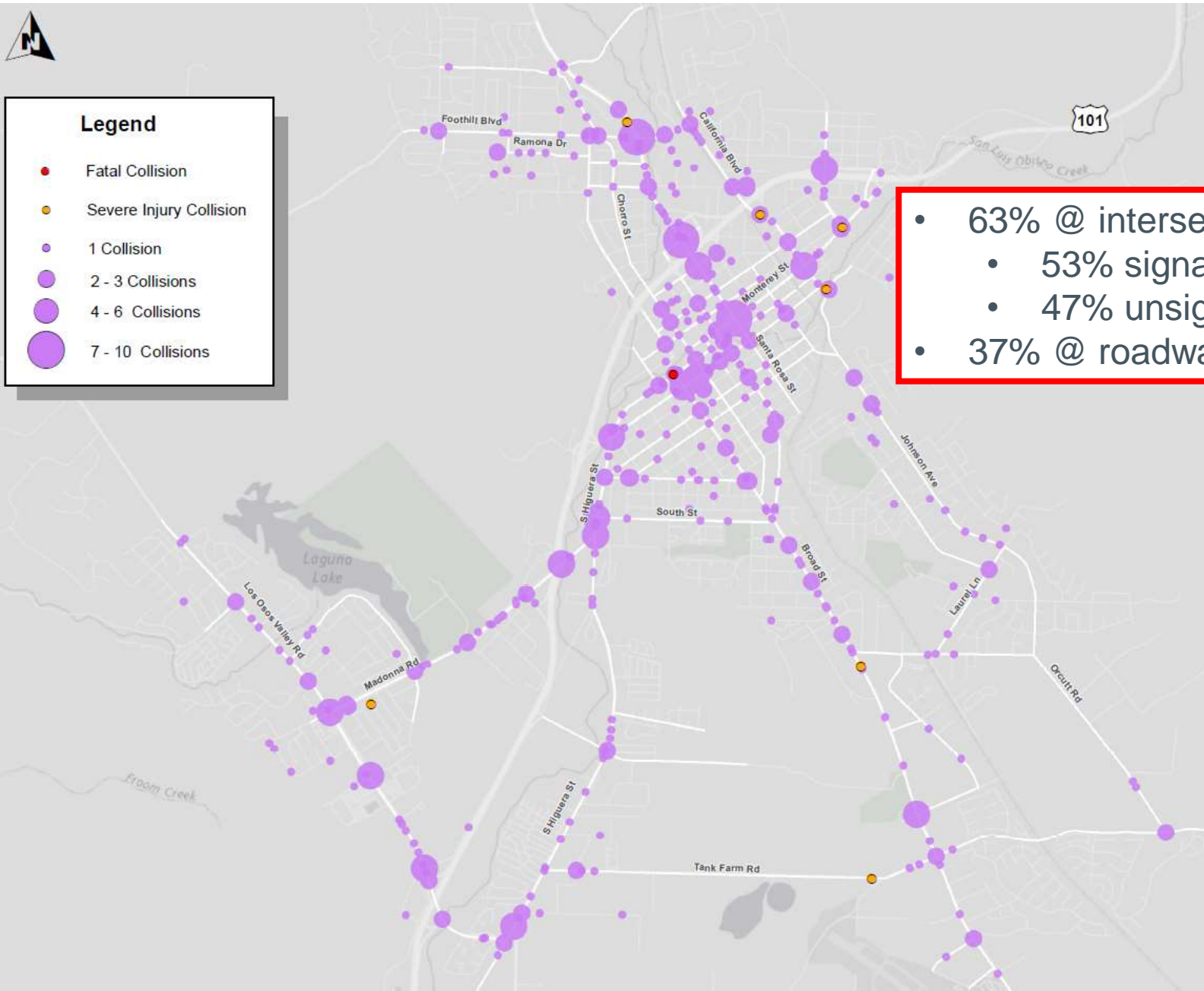
WHERE ARE COLLISIONS OCCURRING?



Legend

- Fatal Collision
- Severe Injury Collision
- 1 Collision
- 2 - 3 Collisions
- 4 - 6 Collisions
- 7 - 10 Collisions

- 63% @ intersections
 - 53% signalized
 - 47% unsignalized
- 37% @ roadway segments



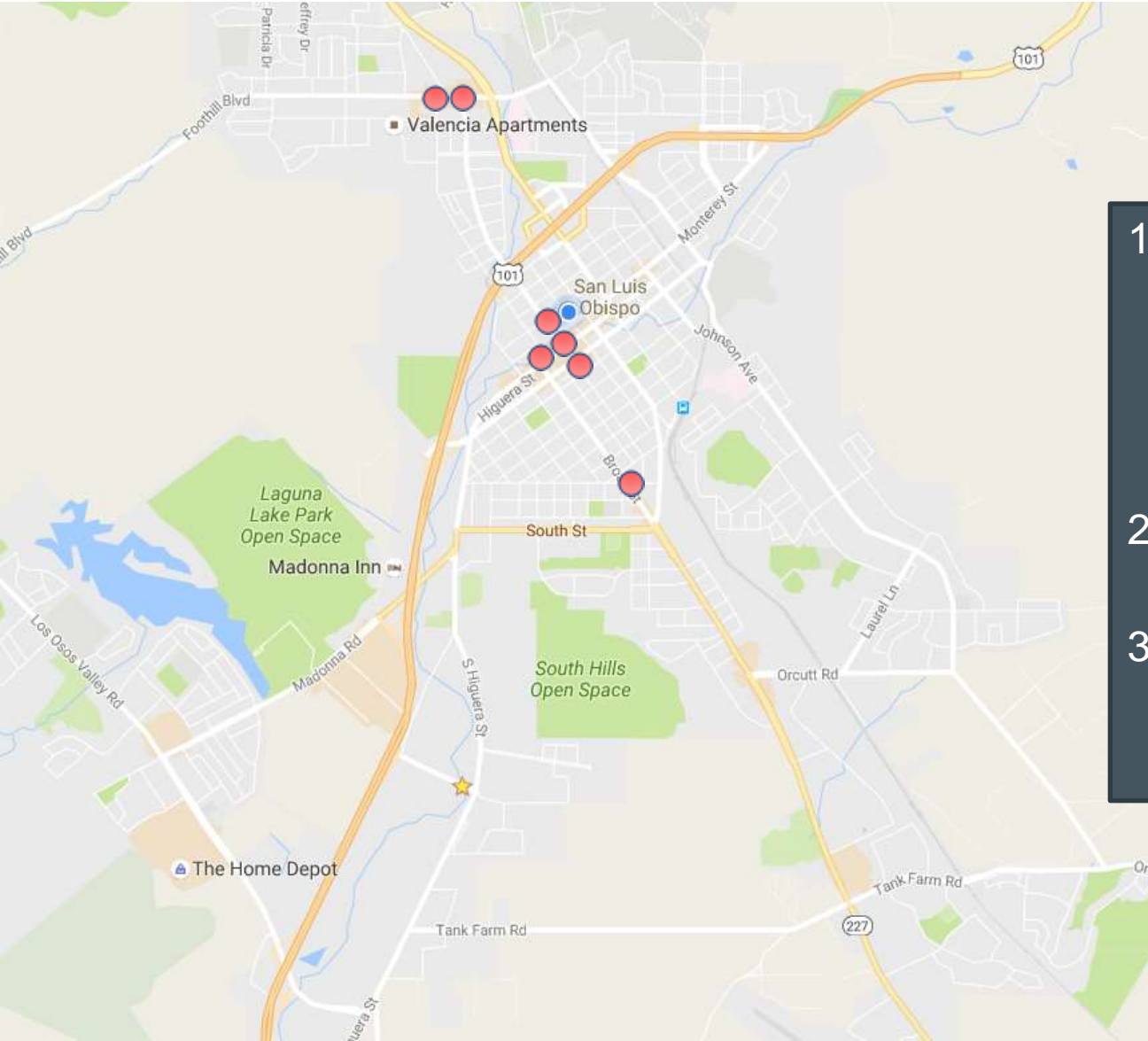


New Projects from 2015 Safety Report

- 27 high ranking locations where safety improvements are recommended
 - 9 locations where improvements are already funded & underway/completed
 - 10 locations w/ new projects feasible under safety program funding allocation
 - 7 unfunded projects

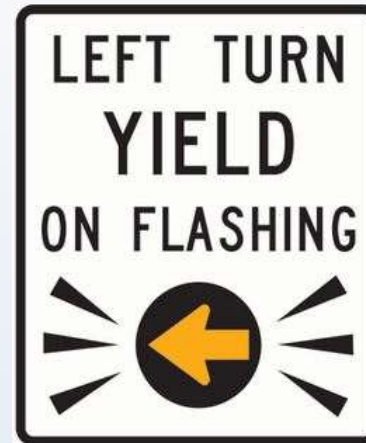
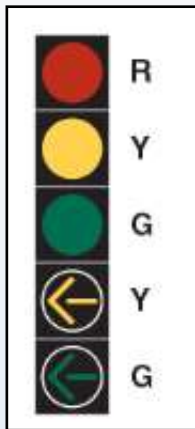


Projects With Adequate Funding



- 1. "Head-Start Ped Timing"
 - Higuera & Broad
 - Higuera & Chorro
 - Monterey & Chorro
 - Marsh & Chorro
- 2. Bulbouts
 - Broad & High
- 3. Flashing Yellow Signal
 - Foothill & Chorro
 - Foothill & Broad

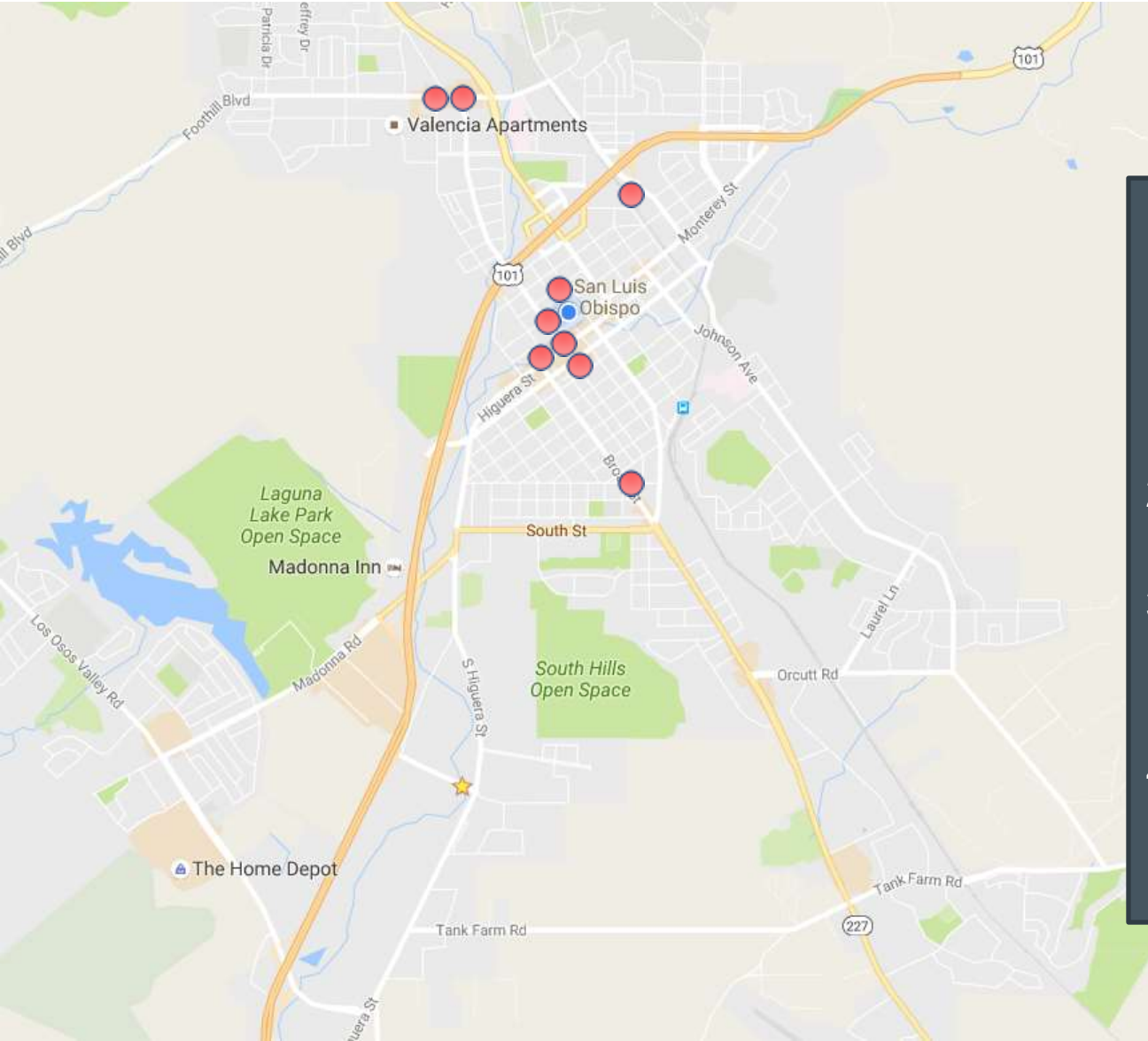




<https://youtu.be/u3ZdwaavGhM>



Projects With Adequate Funding



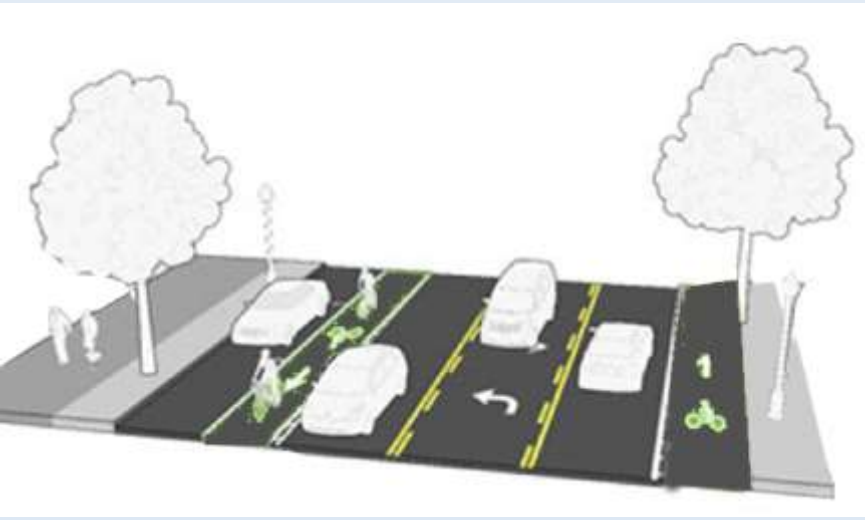
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 - Higuera & Broad
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 - Monterey & Chorro
 - Marsh & Chorro
- 2. Bulbouts
 - Broad & High
- 3. Flashing Yellow Signal
 - Foothill & Chorro
 - Foothill & Broad
- 4. Improved Sign & Stripe
 - California & 101
 - Mill & Osos



Projects Needing Additional Funding & Outreach



EXISTING CONFIGURATION



POTENTIAL FUTURE CONFIGURATION

- 1. Roundabout
 - California & Taft
- 2. Road Diet
 - Laurel Ln.
- 3. Traffic Signal Upgrade
 - Marsh & Broad
- 4. Green Bike Lanes & Speed Feedback Sign
 - California & Monterey
 - California & Palm
- 5. Two Way Left Turn Lane
 - California Blvd.



Vision Zero



No Death or Serious Injury on our Transportation System is Acceptable

Regardless of fault human error is inevitable and we should attempt to address that issue thru systematic design of our streets



Vision Zero Programs

1. Annual Traffic Safety Program
2. Bi-Annual Traffic Operations Program
3. Neighborhood Traffic Calming Program
4. Safe Routes to School Program



FUNDING



Funded Projects

Traffic Safety Account: Current Balance	\$43,700
10 Safety Projects (Engineer Estimate)	<u>- \$34,000</u>
Remaining Balance	\$9,700

Unfunded Projects

- **California & Taft** **\$1.2 million**
 - Partially Funded at (\$297,500) City & Cal Poly Funds - \$902,500 Remaining. Pursuing Grant Funds
- **Laurel Lane Reconfiguration** **\$70-100k**
 - Potential add-on to 2018 street resurfacing or stand alone CIP request
- **Marsh & Broad Signal Modification** **\$175k**
 - Potential CIP request
- **California & Monterey** **\$30k**
 - Potential CIP request
- **California & Palm** **\$10k**
 - Balance of Traffic Safety Account or Potential CIP request
- **California Blvd. Reconfiguration** **\$30k**
 - Potential add-on to 2018 street resurfacing or stand alone CIP request



RECOMMENDATION



1. Receive the 2015 Traffic Safety Report and approve the recommended traffic safety measures.
2. Adopt a Resolution entitled “A Resolution of the City Council of the City of San Luis Obispo, California endorsing the goal of Vision Zero for the City to Strive to achieve zero traffic deaths and serious injuries on City Street by 2030.

