Our Approach:

- Public Works formed Task Force
- Task Force will guide the Action Plan
- Plan will be multi-disciplinary in scope
What’s happened so far?

• City Council adopted the Vision Zero Resolution
• Applied for an OTS grant for a Vision Zero Safety and Outreach Campaign
• Data analysis
Process

1. Set Goals and Policy
2. Data Collection
3. Data Analysis
4. Collision Profiles
5. Counter-Measures
6. Action Plan
About the Data

Transportation Injury Mapping System (TIMS)
• Injury collisions only (not property damage)
• 2009 – 2013 (2014 and 2015 data is provisional)
• Does not include state highway facilities
• Only includes collisions within the City of Sacramento

Key Terms
• “KSI” = killed or severely injured
• “vehicle” includes motorcycle and truck, unless otherwise stated
519 collisions with victims killed or severely injured (KSI) between 2009 and 2013

94% non-KSI
6% KSI
Over the same period of time, the number of collisions with victims killed or severely injured increased by 7%.
KSI Collisions

Auto Collisions
Down 14%

Bike Collisions
Up 40%

Pedestrian Collisions
Up 57%
Pedestrian collisions account for 10% of all collisions, but 43% of fatal collisions.
Fatal Collisions

- truck
- motorcycle
- pedestrian
- bicycle
- auto

2009 2010 2011 2012 2013
**Mode Split**

<table>
<thead>
<tr>
<th>Mode Split</th>
<th>Percentages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALL TRIPS</strong>*</td>
<td></td>
</tr>
<tr>
<td>Pedestrian</td>
<td>3%</td>
</tr>
<tr>
<td>Bicycle</td>
<td>13%</td>
</tr>
<tr>
<td>Vehicle</td>
<td>84%</td>
</tr>
<tr>
<td><strong>ALL COLLISIONS</strong></td>
<td></td>
</tr>
<tr>
<td>Pedestrian</td>
<td>11%</td>
</tr>
<tr>
<td>Bicycle</td>
<td>14%</td>
</tr>
<tr>
<td>Vehicle</td>
<td>79%</td>
</tr>
<tr>
<td><strong>KSI COLLISIONS</strong></td>
<td></td>
</tr>
<tr>
<td>Pedestrian</td>
<td>31%</td>
</tr>
<tr>
<td>Bicycle</td>
<td>14%</td>
</tr>
<tr>
<td>Vehicle</td>
<td>55%</td>
</tr>
<tr>
<td><strong>FATAL COLLISIONS</strong></td>
<td></td>
</tr>
<tr>
<td>Pedestrian</td>
<td>43%</td>
</tr>
<tr>
<td>Bicycle</td>
<td>7%</td>
</tr>
<tr>
<td>Vehicle</td>
<td>50%</td>
</tr>
</tbody>
</table>

*2012 California Household Travel Survey, City of Sacramento*
The HIN accounts for 64% of all collisions, on 11% of the roadway network.
Commercial Areas

Total Roadway Network
- Commercial areas: 53%
- Non-commercial areas: 47%

KSI Collisions
- Commercial areas: 23%
- Non-commercial areas: 77%
Intersections

- KSI all: 68%
- KSI vehicle: 61%
- KSI bicycle: 82%
- KSI pedestrian: 56%
60% of fatal collisions occur on streets with posted speed 40+ mph. These streets account for less than 10% of street network.
Posted Speeds

- 25 mph and under
- 30-35 mph
- 40-45 mph
- 50+ mph

Total Miles: 79%
All Collisions: 44%
KSI Collisions: 40%
KSI Vehicle Collisions: 40%
KSI Bike Collisions: 30%
KSI Ped Collisions: 40%
Fatal Collisions: 56%
Light Rail Stations

All Collisions

- Vehicle collisions: 79%
- Bicycle collisions: 11%
- Pedestrian collisions: 10%

Collisions Near Light Rail Stations

- Vehicle collisions: 73%
- Bicycle collisions: 10%
- Pedestrian collisions: 17%
VULNERABLE POPULATIONS
People age 60 and older account for less than 10% of all collisions, but over 25% of KSI pedestrian collisions.
Age Distribution of Various Road Traffic Victims:

- **Total Population**
  - Under 19: 27%
  - 20-59: 57%
  - 60+: 16%

- **All Victims**
  - Under 19: 25%
  - 20-59: 66%
  - 60+: 9%

- **Bicyclist Victims**
  - Under 19: 25%
  - 20-59: 68%
  - 60+: 6%

- **KSI Driver and Passenger Victims**
  - Under 19: 14%
  - 20-59: 75%
  - 60+: 11%

- **KSI Pedestrian Victims**
  - Under 19: 16%
  - 20-59: 58%
  - 60+: 26%

- **KSI Bike Victims**
  - Under 19: 19%
  - 20-59: 69%
  - 60+: 13%

The percentages for each age group are provided for each category of victims, illustrating how age distribution varies across different road traffic incidents.
Disadvantaged communities account for $\frac{1}{4}$ of street network, but nearly half of fatal collisions.
HIN in Disadvantaged Communities

38% of the HIN falls within disadvantaged communities
BEHAVIOR
Alcohol Involved

All Collisions
- Alcohol involved: 11%
- No alcohol involved: 89%

KSI Collisions
- Alcohol involved: 27%
- No alcohol involved: 73%
Hit-and-Run

- All: 13%
- KSI: 14%
- KSI vehicle: 9%
- KSI bicycle: 23%
- KSI pedestrian: 19%
March-April 2017: Collision Profiles
June 2017: Draft Actions, Engineering
June 2017: Draft Actions, Non-Engineering
August 2017: Draft Action Plan