Safety Countermeasures

The California Strategic Highway Safety Plan (SHSP) provides guidance and framework for reducing fatalities and serious injuries on all public roads. Example strategies to reduce collisions in efforts to reach the goal of the SHSP are show in this fact sheet.

**Infrastructure-Related Collisions** are inclusive of a variety of collision types, including pedestrians, bicyclist, motorcycles, roadway, and intersection collisions.

<table>
<thead>
<tr>
<th>Infrastructure</th>
<th>Behavior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median and Pedestrian Crossing Islands</td>
<td>Longitudinal Rumble Stripes</td>
</tr>
<tr>
<td>Pedestrian Hybrid Beacon</td>
<td>Median Barriers</td>
</tr>
<tr>
<td>Leading Pedestrian Intervals</td>
<td>Tapered Edge</td>
</tr>
<tr>
<td>Walkways</td>
<td>Reduce Left-Turn Conflict Intersections</td>
</tr>
<tr>
<td>Road Diet</td>
<td>Multiple Low-Cost Measures at Stop Controlled Intersections</td>
</tr>
<tr>
<td>Crosswalk Enhancements</td>
<td>Backplates with Retroreflective Borders</td>
</tr>
<tr>
<td>Corridor Access Management</td>
<td>Dedicated Left-turn and Right-turn lanes</td>
</tr>
<tr>
<td>Roadside Design Improvement at Curves</td>
<td>Roundabouts</td>
</tr>
<tr>
<td>Enhanced Delineation and Friction for Horizontal Curves</td>
<td>Yellow Change Intervals</td>
</tr>
</tbody>
</table>
**Behavior-Related Collisions** are inclusive of a variety of collision types, including aggressive driving, alcohol-involved, drug-involved, distracted, young driver, and aging driver collisions.

### Policy
- All offender alcohol ignition interlock law
- DMV courts
- Stronger graduated driver licensing laws
- Screening of older drivers

### Training
- Employer-based programs targeting workers that are at higher risk of drowsy-driving
- Drug recognition expert training for law enforcement
- Responsible beverage service training
- Motorcycle rider training

### Technology
- Automated enforcement for speed and red light running

### Education
- Education campaigns about increased enforcement
- Alternative transportation programs
- Increased parental involvement programs
- Mandatory driver education for novice drivers
- Education campaigns for physical and law enforcement about older driver screening
- Education campaigns targeted to low seat-belt users
- School programs

### Enforcement
- High visibility enforcement
- Publicized sobriety check-points
- Saturation patrols
- Enforcement of graduated driver licensing and zero tolerance laws
- Integrated enforcement

---

Website: [http://www.dot.ca.gov/trafficops/shsp/](http://www.dot.ca.gov/trafficops/shsp/)
Email: SHSP@dot.ca.gov