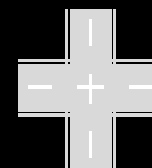


SHSP Action Plan Development

# Roadway Departures EA Team



April 29 2020

# Agenda

- Welcome and Introductions
- SHSP Website & Review
- Collecting Programs and Projects
- Traffic Safety Calendar
- Refine Countermeasures and Action Plans
- Virtual Traffic Safety Conference
- Member Updates



# SHSP Website

## www.texasshsp.com

### Texas Strategic Highway Safety Plan

[ABOUT](#) [EMPHASIS AREAS](#) [RESOURCES](#) [TEXAS SHSP](#) [CONTACT](#)  
[CALENDAR](#) [TELL US WHAT YOU'RE DOING](#) [TRAFFIC SAFETY CONFERENCE](#)



**What do distracted, impaired, and speeding drivers, older road users, pedestrians, and lane departure and intersection crashes have in common?**

They are the seven areas of greatest concern related to Texans dying or being seriously injured on our roadways.

**Click to learn more**



**Distracted  
Driving**



**Intersection  
Safety**



**Pedestrian  
Safety**



**Impaired  
Driving**



**Older Road  
Users**



**Speeding**



**Roadway and  
Lane  
Departures**

**What can we  
do about it?**



Click on the icons below to learn what you can do and what others are doing to address these issues.

# SHSP Website

## www.texasshsp.com

**Texas Strategic Highway Safety Plan**

ABOUT EMPHASIS AREAS RESOURCES TEXAS SHSP CONTACT  
CALENDAR TELL US WHAT YOU'RE DOING TRAFFIC SAFETY CONFERENCE

### Roadway and Lane Departures

Roadway and lane departure crashes are the most common type of crash in Texas.

DESCRIPTION FATALITIES AND SERIOUS INJURIES CONTRIBUTING FACTORS WHERE CRASHES OCCUR DEMOGRAPHICS STRATEGIES

Home — Emphasis Areas — Roadway and Lane Departures — Description

#### THE PROBLEM

The Roadway and Lane Departures emphasis area encompasses two crash types pertaining to difficulties with lane keeping: single motor vehicles that run off the road (SVROR) and head-on collisions. SVROR describes a crash where only one vehicle is involved and the first harmful event impact occurred on the shoulder, beyond the shoulder, or in the median of the roadway. Head-on crashes involve two motor vehicles traveling straight and in opposite directions prior to impact.

These types of crashes were the identified crash type for 9,560 fatal crashes (45 percent of all fatal crashes) and 30,766 serious injury crashes (34 percent of all serious injury crashes) from 2010–2016.



**45%** of fatalities were associated with a crash involving an roadway or lane departure

#### COMBATING THE ISSUE

STRATEGIES

PROGRAMS AND PROJECTS

EMPHASIS AREA TEAM

- Feedback
  - Email
  - Survey forthcoming

# Collecting Programs & Projects

**Home** — Tell Us What You're Doing

## SIGN UP TO BE AN EMPHASIS AREA TEAM MEMBER

Name

First Last

## Organization

Email




**Emphasis Area Team you would like to be a part of:**

- ☐ Distracted Driving
- ☐ Impaired Driving
- ☐ Pedestrian Safety
- ☐ Intersection Safety
- ☐ Speeding
- ☐ Roadway and Lane Departures
- ☐ Older Users


## Tell Us What You're Doing

Let us know what you're doing by filling out our form below. Select the "Download" option below the form, save it to your computer and email a copy to **Stacey Schrank**.



**TEXAS  
TOGETHER**

## Strategic Highway Safety Plan (SHSP) Inventory of Safety Projects and Programs



We are collecting information on existing safety projects and programs within Texas as part of the State's Strategic Highway Safety Planning effort. This information will be used to identify a base level of safety activity, identify gaps in our current efforts and help safety professionals determine what other efforts might be needed.

**Please use a separate page for each project/program.**

Agency or Organization Name: \_\_\_\_\_

Name: \_\_\_\_\_ Position/Title: \_\_\_\_\_

Phone #: \_\_\_\_\_ E-Mail: \_\_\_\_\_



May we post your contact information on the SHSP website?    ☐ Yes    ☐ No

<b>Project or Program Name:</b>	
<b>Project or Program Website:</b>	
<b>Please provide a brief 1-sentence description of the actions or tasks that make up this project or program.</b>	<b>What are the primary goals or objectives of this project or program?</b>

**Does this project or program address any of these crash issue categories? Select all that apply.**

<input type="checkbox"/> Distracted Driving	<input type="checkbox"/> Pedestrian Safety	<input type="checkbox"/> Motorcycle Safety
<input type="checkbox"/> Impaired Driving	<input type="checkbox"/> Highway & Lane Departures	<input type="checkbox"/> Occupant Protection
<input type="checkbox"/> Intersection Safety	<input type="checkbox"/> Sighting	<input type="checkbox"/> Other Safety Category
<input type="checkbox"/> Older Road Users	<input type="checkbox"/> Bicycle Safety	

**Page 1 / 1**

Please specify: \_\_\_\_\_

[Download \(PDF 187KB\)](#)

# Traffic Safety Calendar

## Texas Strategic Highway Safety Plan

[ABOUT](#)[EMPHASIS AREAS](#)[RESOURCES](#)[TEXAS SHSP](#)[CONTACT](#)[CALENDAR](#)[TELL US WHAT YOU'RE DOING](#)[TRAFFIC SAFETY CONFERENCE](#)[Home](#) — [Calendar](#)

### UPCOMING EVENTS:

MON  
20  
APR  
2020

**SHSP Speeding EA Team Meeting**  
2 PM - 3 PM

WED  
22  
APR  
2020

**SHSP Impaired Driving EA Team Meeting**  
2 PM - 3 PM

THU  
23  
APR  
2020

**SHSP Intersection EA Team Meeting**  
10:30 AM - 11:30 AM

## Calendar

[All](#) | [Upcoming](#) | [2016](#) | [2017](#) | [2019](#) | [2020](#)

MON  
20  
APR  
2020

**SHSP Speeding EA Team Meeting**  
2 PM - 3 PM WebEx  
WebEx information for joining this online meeting:

Meeting number (access code): 926 745 750

Meeting password: SHSP

Monday, April 20, 2020

2:00 pm | Central Daylight Time (Chicago, GMT-05:00) | 1 hr

- Campaigns
- Coalition meetings
- Conferences
- Forums
- Training opportunities



# Assess Strategies, Countermeasures and Action Plans

- Identify and describe stakeholder actions needed to implement action plans
- Identify and define clear metrics for assessing progress and success

# Assess Strategies, Countermeasures and Action Plans

Problem for some countermeasures & action plans:

- Lack precise language
- Lack clear metrics that could be used to assess progress or success

Review countermeasures & action plans

- Make sure action items are written in a way that can be measured & quantified.
- Identify & define metrics



# Metrics: A Review

## SHSP Targets (Outcomes)

- Fatalities & suspected serious injury counts & rates
- Long term accomplishments

## Outputs (Performance Evaluation)

- Intermediate accomplishments
- Metrics simple, countable
- Examples
  - Number rumble strips installed
  - Number training kits created
  - Number of officers trained

# Metrics: A Review



# Example

## Strategy

Minimize the consequences of vehicles leaving the road.



**COUNTERMEASURES**



## Countermeasure



Implement barriers, median treatments, and forgiving roadside objects (e.g., use median barriers, safety-treat fixed objects, establish safe-clear policies, and improve slopes) with consideration given to land use context.

**Countermeasure:** Implement barriers, median treatments, and forgiving roadside objects (e.g., use median barriers, safety-treat fixed objects, establish safe-clear policies, and improve slopes) with consideration given to land use context.

### Abbreviated Steps for Implementation

1. Use safety screening methods to identify, prioritize, and select roadway segments where forgiving roadside features may be effective in reducing the consequences of roadway and lane departures.
2. Select countermeasures based on cost, time to implement, and barriers for selected roadway segments and public input.
3. Program funds for implementing countermeasures or incorporating them into existing projects.
4. Implement countermeasures in new and existing projects.
5. Publicize countermeasures to build additional support for projects.
6. Evaluate effectiveness.



### Metric Examples

- Number of countermeasures implemented.
- Number of publicity contacts.
- Number of countermeasure evaluated for effectiveness.

# Metrics: Process

1. Assess wording of each countermeasure/action plan.
2. Refine wording if needed.
3. Define metrics for outputs & potential data sources.
4. Document what stakeholders need to do to implement action plans.

# Refine Countermeasures & Action Plans



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# Recruit New Members

- EA help expand the network
- Who can we be reaching out to?



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# VIRTUAL

**2020**

June 10-12, 2020

Traffic Safety Conference



# Member Updates



# Wrap Up

- Next meeting – Wednesday, July 29 at 2:00PM
- Dedicated email – [texasshsp@tti.tamu.edu](mailto:texasshsp@tti.tamu.edu)
- Questions
- Comments

*Thanks very much!*