

# Strategic Highway Safety Plan

Leadership that Saves Lives



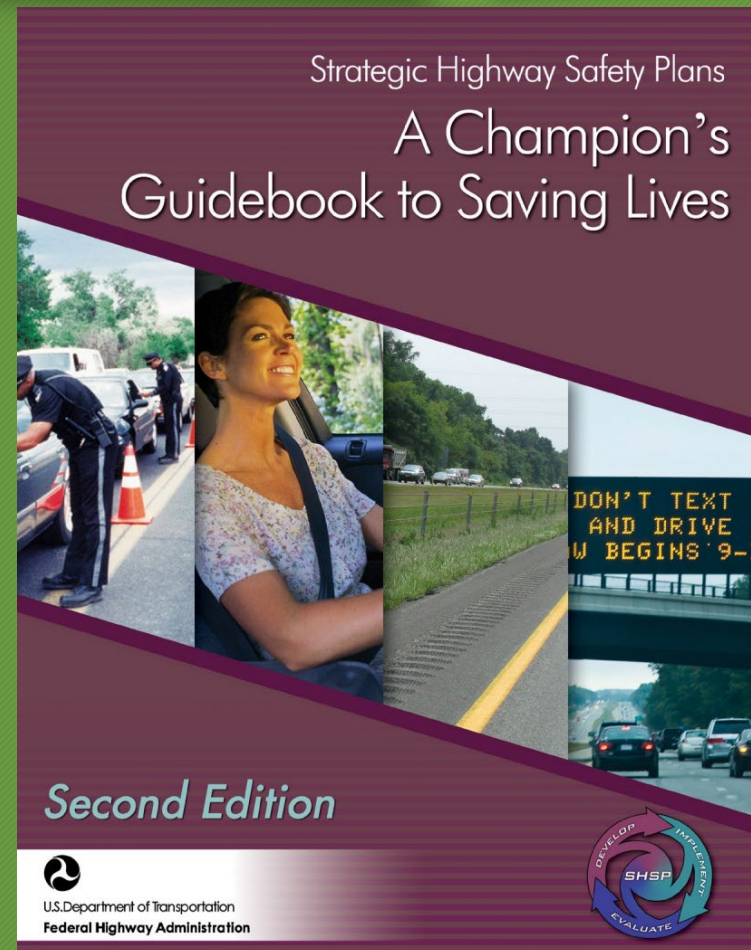
## Strategic Highway Safety Plan Overview

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# What is A SHSP?

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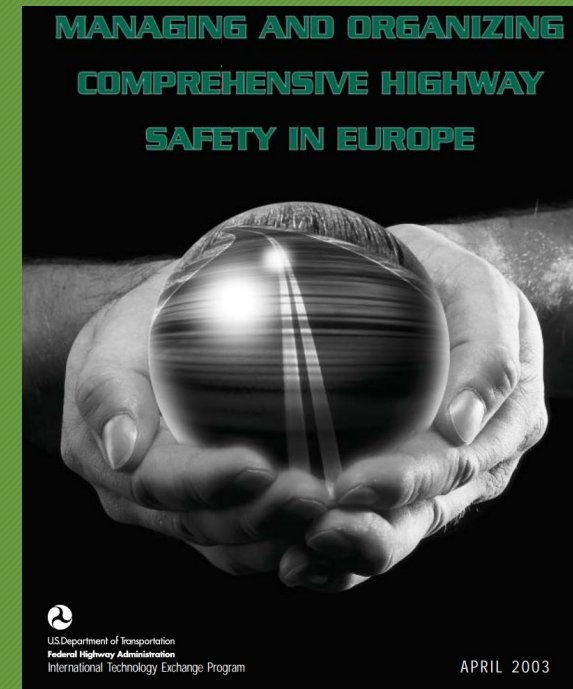
- It is a statewide-coordinated **safety plan** that provides a comprehensive framework for reducing highway fatalities and serious injuries on **all public roads**.
- It is a major component and requirement of the Highway Safety Improvement Program (HSIP) (23 U.S.C. § 148).



# SHSP History

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- Observation of European practices in the late 1990s and early 2000s:
  - Addressing all aspects of safety (Engineering, Education, Enforcement, Emergency Medical Services)
  - Working comprehensively among all stakeholders
- The first SHSPs were required by SAFETEA-LU
  - SHSPs had to be in place by October 1, 2007

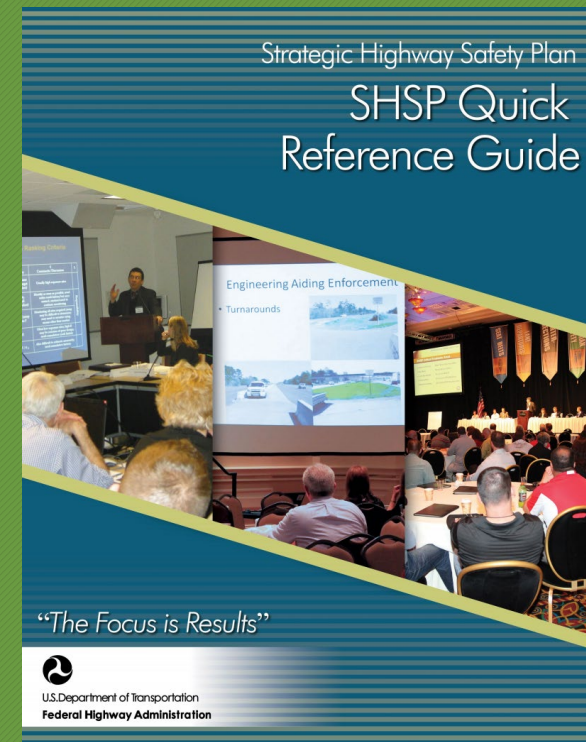




# SHSP development

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- SHSPs were supported by many supporting activities:
  - Peer exchanges
  - Research agenda
  - Guidebooks by FHWA and others
  - American Association of State Highway and Transportation Officials (AASHTO) Strategic Safety Plan
- MAP-21 legislation added in performance management, other requirements related to SHSP best practices
  - The Texas 2017 SHSP was the first MAP-21 compliant SHSP document for Texas



# SHSP Requirements

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- SHSP must have :
  - Consultation from a variety of stakeholders during the development process
  - Analysis and effective use of crash data
  - Incorporation of the 4Es
  - Consideration of safety needs of all public roads
  - A program of strategies to reduce fatalities and serious injuries
  - Evaluated every 5 years



# Safety Performance Measures

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- Number of Serious Injuries
- Number of Fatalities
- Number of Serious Injuries per VMT
- Number of Fatalities per VMT
- Number of Non-motorized Fatalities and Serious Injuries



# A Data Driven Process

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- The SHSP should consider all available data
- Determine what the greatest safety needs are
  - Define Emphasis Areas

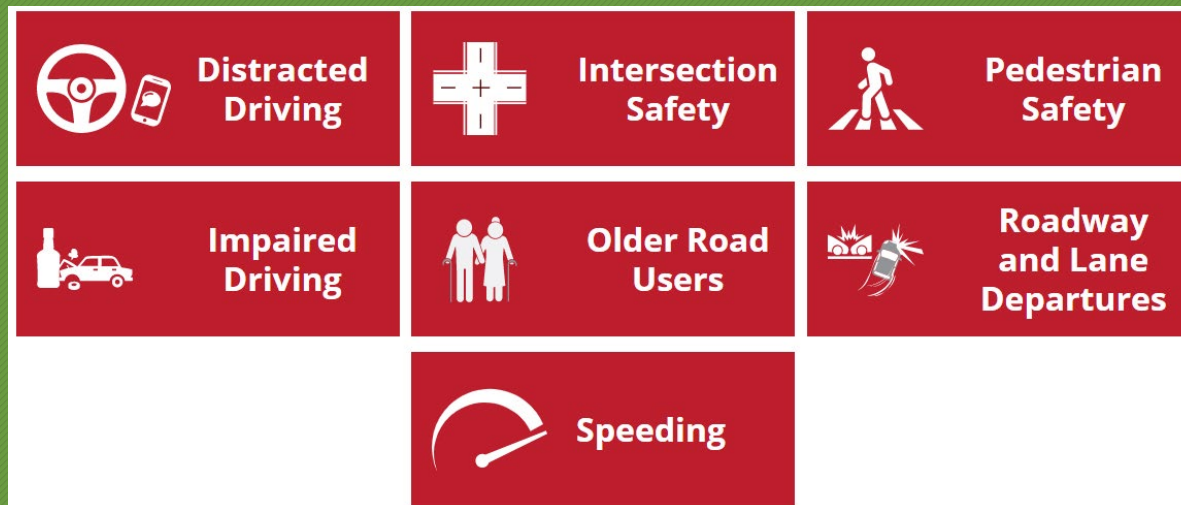


Image: [www.texasshsp.com](http://www.texasshsp.com)

# Emphasis Area Action Plans

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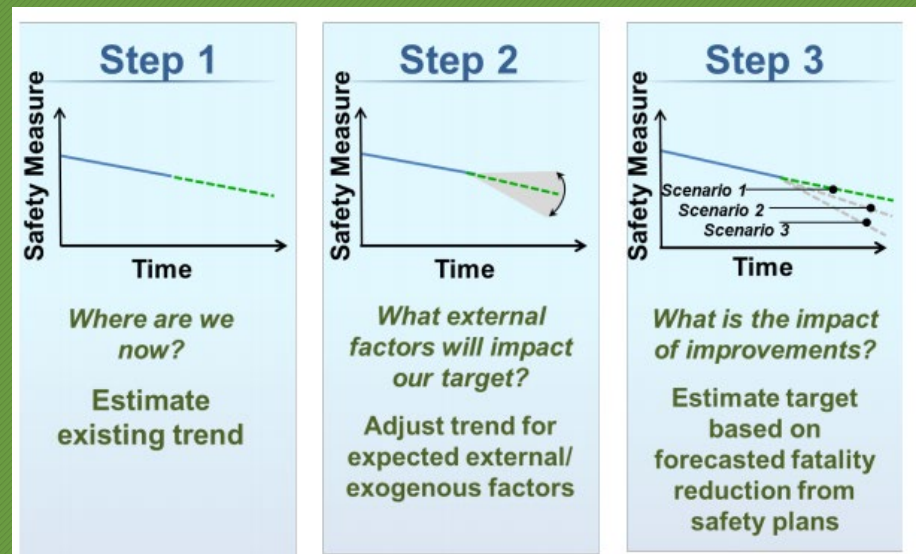
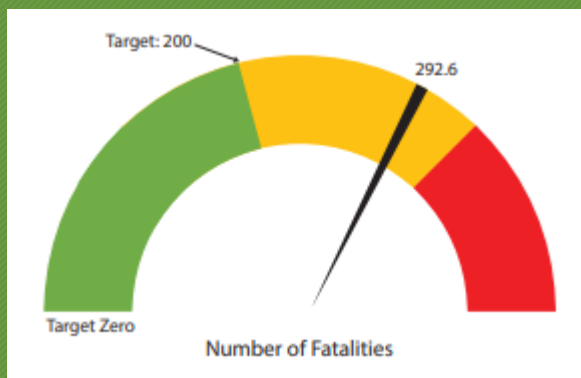
- Measurable Objectives
- Performance Measures
- Strategies
- Action Steps
- Tracking Measures for Action Steps
- Funding Sources



# Performance Management

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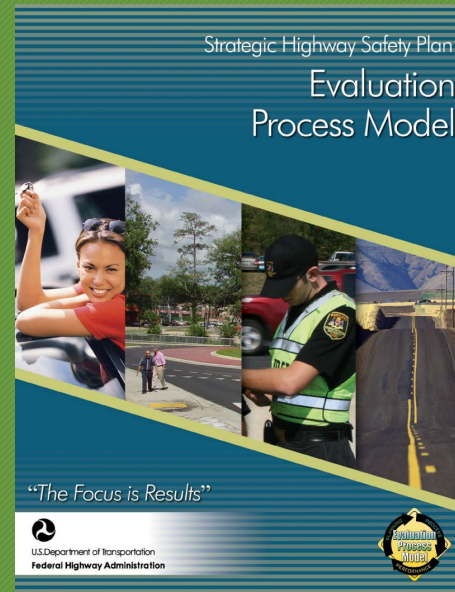
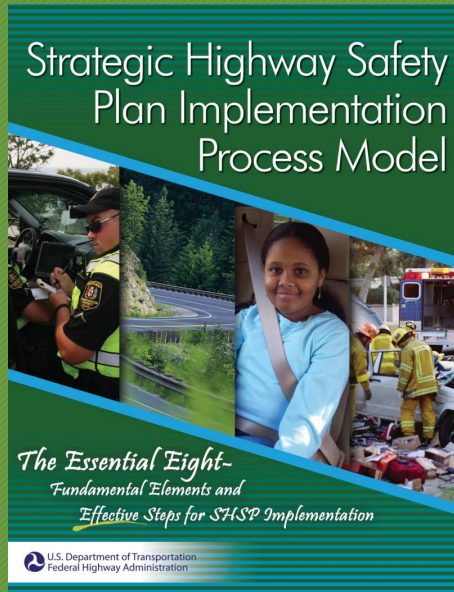
- Monitor progress of statewide and emphasis area safety goal(s) and objectives.
- Provide quantifiable evidence of progress and helps managers determine whether the SHSP is meeting its stated goals and objectives



# Implementation and Evaluation

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- SHSP leadership meets periodically
- Emphasis area teams meet periodically
- Conduct assessments of action plans
- Program Assessments to evaluate the program



# SHSP Linkages

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- All federally funded HSIP projects must be reflected in the SHSP
- Many states first adopted zero fatality goals as part of SHSP development
- MPOs must adopt the safety performance targets
  - Linking regional plans and the SHSP is a best practice
- Vision zero action plans and other local plans should coordinate with the SHSP
  - The SHSP can inform focus areas and performance comparisons for local efforts

# SHSP Future

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- Aligning Safe System approach and the SHSP
- How do we keep energy and interest in emphasis area teams?
- What do emphasis areas look like going forward?
- Further aligning performance management and SHSP
- Future legislation changes?





# SHSP Resources

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- FHWA Office of Safety  
<https://safety.fhwa.dot.gov/shsp/>
- Towards Zero Deaths National Strategy:  
<https://www.towardzerodeaths.org/>
- TRB Transportation Safety Management Committee  
<http://www.trb.org/ANB10/ANB10.aspx>
- ITE Safe Systems <https://www.ite.org/technical-resources/topics/safe-systems/>
- National Safety Council Road to Zero:  
<https://www.nsc.org/road-safety/get-involved/road-to-zero>
- Texas SHSP <https://www.texasshsp.com/>