



THE TRAFFIC SAFETY NAVIGATOR

Summer 2022

The Traffic Safety Navigator is the 2020–2024 California Strategic Highway Safety Plan (SHSP) e-newsletter. The newsletter provides SHSP updates along with insights into best practices for implementing strategies that reduce traffic fatalities and serious injuries on California’s roadways.

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WHAT’S NEW?

Welcome to the summer edition of the Traffic Safety Navigator. This edition highlights opportunities for funding through the Safe Streets and Roads for All (SS4A) grant program and the Local Highway Safety Improvement Program (HSIP). It also features a case study on how HSIP Cycle 10 funding was used to install edgelines and accomplishments from the County Engineers Association of California (CEAC). The SHSP Team is also excited to announce the return of Regional Workshops, which will take place virtually in fall 2022. Read below for additional information and exciting updates!

FUNDING OPPORTUNITIES

Safe Streets and Roads for All (SS4A) Grant Program

The Bipartisan Infrastructure Law (BIL) recently established the Safe Streets and Roads for All (SS4A) grant program. The goal of this program is to help support the objectives of the National Roadway Safety Strategy (NRSS), while working towards zero traffic deaths and serious injuries. This program will provide \$5B in grants over the next five years. **This is an exciting opportunity to apply funds towards safety-related projects with financial support from the United States Department of Transportation (USDOT).** Metropolitan Planning Organizations (MPOs), Regional Transportation Planning Agencies (RTPAs), counties, cities, towns, and other special districts that are subdivisions of a state, federally recognized tribal governments, and partners of any of these entities are eligible to apply.

Activities eligible to receive funding through this grant program include:

1. Development or update of a comprehensive Safety Action Plan, such as a Vision Zero Plan
2. Conducting planning, design, and development activities in support of a Safety Action Plan
3. Implementing infrastructure, behavioral, and operational safety activities identified in a Safety Action Plan

The Notice of Funding Opportunity (NOFO) was released in May of 2022, and applications are due **September 15, 2022**. Award announcements are expected at the end of 2022 or early 2023. For more information on grant application requirements, visit the [Safe Streets and Roads for All \(SS4A\) Grant Program webpage](#).

Local Highway Safety Improvement Program (HSIP) Cycle 11 Call-For-Projects

In May 2022, Caltrans announced the Local Highway Safety Improvement Program (HSIP) Cycle 11 Call-for-Projects. There is an estimated \$210M available for this HSIP cycle. This funding opportunity is available to any local agency that owns, operates, and maintains public roadways in California including cities, counties, federally recognized tribes, and other local agencies. These applications will require a completed Local Road Safety Plan (LRSP) or an equivalent.

Please note funding restrictions and requirements apply to Cycle 11 funding, including having an existing non-compliant HSIP project or having more than one HSIP project not yet in the construction phase five years after project selection.

The application deadline is **September 12, 2022**. Previous application examples from other cycles can be found on the Caltrans website. For more information on application requirements, visit the [Local HSIP Cycle 11 Call-For-Projects webpage](#).

IMPROVING SAFETY BY INSTALLING EDGELINES

Lane departure crashes result in 45 percent of California's fatalities and 42 percent of California's serious injuries. According to the Federal Highway Administration (FHWA), if drivers cannot clearly identify the edge of the travel lanes and see the road alignment ahead, the risk of roadway departure may be greater. Edgelines are solid white lines at the edge of a travel lane that enhance the visibility of travel lane boundaries. The FHWA recommends installing 6-inch edgelines as part of their [Proven Safety Countermeasures](#).



Photo Courtesy of Molly O'Brien, Kimley-Horn

One of the actions in the 2020–2024 SHSP Implementation Plan includes LD.3 – Add “Installing Edgelines” as a set-aside for Local HSIP Funding. In 2020, the Local HSIP Funding Cycle 10 included a \$5M set-aside for agencies to submit stand-alone projects for adding edgelines along roadways. Agencies could also include adding these improvements as part of project applications under the Benefit-Cost Ratio (BCR) application process. For Cycle 10, a total of 23 projects that included the addition of edgelines were funded, encompassing approximately 450 miles of roadway across California. For the set-aside category, 10 stand-alone edgeline projects were also funded totaling 116 miles and approximately \$3M was awarded under the funding set-aside for edgelines.

In 2022, the Local HSIP Cycle 11 funding available in set-asides for installation of edgelines is \$2M, with a maximum of \$250K per agency. Agencies will still be able to include the addition of edgelines as part of projects submitted in the BCR category as well. Please refer to the previous article on HSIP Cycle 11 funding opportunities for more information on how to apply.

SAFETY SPOTLIGHT: COUNTY ENGINEERS ASSOCIATION OF CALIFORNIA

By Tom Mattson, County Engineers Association of California

The County Engineers Association of California (CEAC) is a 108-year-old organization open to all 58 counties. It promotes the advancement of engineering methods and ethical practices by means of discussion, exchange, and dissemination of engineering and administrative data and ideas that promote effective, efficient, and modern methods in engineering and administrative units of local government.

CEAC focuses on road safety through legislative platforms, internal transportation committees, and participation in external safety committees such as the HSIP and the SHSP. At each transportation

committee meeting, CEAC representatives report on what they are doing, state-of-the-art safety practices, and funding availability. CEAC helps communicate the safety needs of California counties to state and federal entities.

Recent CEAC accomplishments include work with the County of Ventura Public Works Agency on the \$7.5M Yerba Buena Road Improvement project, which improved road safety and rehabilitated 15 miles of winding roads in the Santa Monica Mountains near Malibu adding 13,600 feet of guardrail. They also worked with Madera County's Oakhurst Midtown Connector project, which includes construction of a new, two-lane road connecting State Route 41 with Indian Springs Road to create a secondary access route improving circulation for daily traffic to/from the school zone and providing a secondary route for diverting commuter traffic around the school zone.

CEAC actively encourages transportation partners to keep safety as their number one priority and share successes and failures in enacting local safety programs. CEAC advocates for local California counties at the state and federal levels and was instrumental in the creation of the Local HSIP Advisory Committee set-up by Caltrans. To learn more, visit the [CEAC website](#).

GET INVOLVED AND SHSP RESOURCES



CHECK OUT THE SHSP CRASH DATA DASHBOARD

The California SHSP Crash Data Dashboard was developed to provide SHSP implementers with direct access to crash data to support data-driven implementation of the SHSP. The dashboard currently uses finalized crash data from the Fatality Analysis Reporting System (FARS) and the Statewide Integrated Traffic Records System (SWITRS) and allows users to customize reports by location and other characteristics, including whether a fatal or serious injury crash was within five miles of a tribal boundary.

[View Dashboard](#)



WE CAN'T DO IT WITHOUT YOU

The SHSP is just the start. The 5 Es need to work together to implement the actions developed in the SHSP. Involvement in an SHSP Challenge Area Team is a direct way to influence countermeasures selected to improve safety. Volunteers are needed for all Challenge Areas.

[Get Involved](#)



SHARE YOUR STORIES

We want to know about your successful implementation of traffic safety countermeasures! We will be highlighting success stories on the SHSP website and in future newsletters.

[Share Your Story](#)



UPCOMING EVENTS

- **SAVE THE DATE!** SHSP Fall Regional Workshops will take place virtually on the following dates:
 - September 27–29, 9 a.m.–12 p.m. PDT
 - October 11–13, 9 a.m.–12 p.m. PDT
 - Additional details are forthcoming, mark your calendars now!
- November 15–16, 2022 Safer CA Conference, San Diego, CA
 - cccsh.ca/saferca-2022



SUGGESTIONS FOR FUTURE TOPICS?

We want to know what topics are of interest to California! Complete our simple feedback form to provide suggestions on future e-newsletter topics.

[Submit Feedback](#)

To stay up-to-date on SHSP news, subscribe [HERE](#).

WHAT IS THE SHSP?

The California Strategic Highway Safety Plan (SHSP) is a comprehensive, statewide transportation safety plan which provides a framework for reducing fatalities and serious injuries across all travel modes and on all public roads. Started in 2005, the SHSP is updated regularly to ensure continued progress and to meet changing safety needs. Currently, over 580 safety stakeholders from over 230 public and private agencies and organizations work together on this effort under the guidance of the SHSP Executive Leadership and SHSP Steering Committees. The SHSP addresses the 5 Es: Education, Enforcement, Engineering, Emergency Response, and Emerging Technologies. In summer 2020, state transportation leaders recognized a bolder and more focused approach was necessary to combat the rise in fatalities and serious injuries that have occurred on California roadways since 2010. Four new Guiding Principles have been incorporated into the SHSP update process to further improve safety:

- 1. Integrate Equity**
- 2. Implement a Safe System Approach**
- 3. Double Down on What Works**
- 4. Accelerate Advanced Technology**



VISION

Safe public roads
across California



MISSION

Ensure safety for
all modes of travel
on California's
public roads



GOAL

Zero Fatalities and
Serious Injuries

[Learn More](#)

More Information

For more information about the California SHSP, please visit
<https://dot.ca.gov/programs/safety-programs/shsp>

Questions? Comments? Email to SHSP@dot.ca.gov