



HSIP. Get Them Home Safely.

The Highway Safety Improvement Program (HSIP) connects communities and transportation agencies with funding to make safety improvements that reduce fatalities and serious injuries on our nation's public roadways. The HSIP maximizes safety benefits for all modes by allowing agencies to accelerate the adoption of the most effective transportation safety practices.

Put your HSIP funds to work, and get everyone home safely.

Alaska's HSIP maximizes the return on investment.

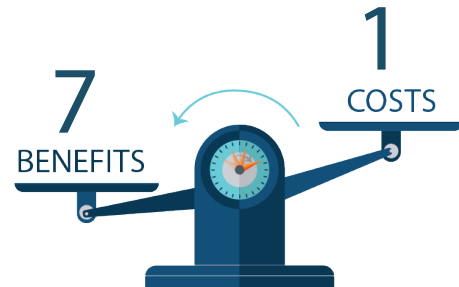
The Alaska Department of Transportation & Public Facilities (DOT&PF) employs HSIP to identify and fund projects that maximize lives saved and serious injuries eliminated per dollar spent.

The Strategy.

Under the Alaska DOT&PF, HSIP identifies, scopes, estimates, and prioritizes candidate safety improvement projects by quantitatively evaluating the return of investment in the form of safety benefits. This objective process results in HSIP dollars being distributed to the most effective projects from a single statewide fund. The HSIP funding plan typically includes a blend of ongoing projects and new projects.

The Result.

By implementing a program that blends reactive and proactive projects throughout the State's urban and rural locations, Alaska DOT&PF highway safety improvement projects have achieved a significant return on investment with benefits that were seven times the cost.



U.S. Department of Transportation
Federal Highway Administration

FHWA-SA-21-066

Source: Alaska 2019 HSIP Report.

Find out which proven treatment could help you save lives.



How do we take steps toward a safer future?

Address crashes before they happen.

The Highway Safety Improvement Program (HSIP) is dedicated to reducing fatalities and serious injuries through a comprehensive program of proactive safety improvement projects. Proactive improvements, also known as systemic safety improvements, address geometric and roadway characteristics associated with severe crash types. Proactive improvements, not only mitigate risk at high-crash locations but also prevent future incidents at locations that have not experienced any crashes

With HSIP, you have the power to change the future and save lives. Take action before the crash happens.



HSIP. Take action today to save lives tomorrow.

HSIP helps Minnesota decrease fatal and serious injury rates more than 23% in 3 years

Safety is a core value at the Minnesota Department of Transportation (MnDOT). Achieving zero fatalities and preventing injuries is an agency goal.

The Strategy.

Minnesota applies its HSIP funds toward a blended approach that consists of proactive and reactive projects. The projects incorporate a spectrum of improvements ranging from low-cost countermeasures (e.g. pavement markings, rumble strips, chevrons) to high-cost countermeasures (e.g. shoulder paving, intersection redesign). This blended approach also includes non-infrastructure countermeasures (e.g. data analysis tools, safety plan development).

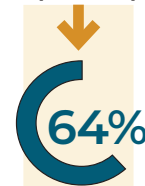
The Result.

From 2016 to 2019, MnDOT put 64% of its HSIP funds toward proactive projects that were selected through a competitive process. Proactive projects focus on improving the safety of the overall system, rather than targeting a specific high crash location.

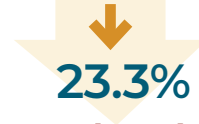
From 2016 to 2019, MnDOT decreased roadway fatalities by 7% and the fatality rate by 10%. Fatal and serious injuries decreased by 21% while the fatal and serious injury rate decreased by 23.3%.

To prevent fatalities before a crash happens, start using your HSIP funds today for proactive improvements.

Between 2016-2019 MnDOT puts HSIP funds toward proactive projects



Proactive Projects



Fatal and Serious Injury Rate




U.S. Department of Transportation
Federal Highway Administration

FHWA-SA-21-067

Source: MnDOT.

HSIP. Take action today to save lives tomorrow.

An aerial view of a city street with a bus, cars, and trees. The bus is in the foreground, moving towards the viewer. There are several cars on the road, and a large blue truck is visible in the background. The street is lined with trees and has a median. There are also some traffic signs and a pedestrian crossing sign visible.

Data + HSIP = Safer Roads.

HSIP is objective, proactive, and consistent - it all adds up.

The Highway Safety Improvement Program (HSIP) provides exclusive funding and guidance for addressing safety issues with science-based, data-driven approaches that help agencies reach both short-term and long-term safety goals.

Leverage your data to diagnose safety issues and to quantify the costs and benefits of safety-related project alternatives. This leads to cost-effective, consistent, and sound investment decisions at the right locations.

Let the data lead you to the issues, and allow HSIP to help you solve them.

HSIP. Today's data for tomorrow's roads.

HSIP helps VDOT move toward safety goals through data-driven project prioritization.

The Virginia Department of Transportation (VDOT) is committed to developing and maintaining a safe, multimodal transportation system through data-driven decision-making.

The Strategy.

To make data-driven decisions regarding the use of public funding for safety improvements, VDOT calculates the Potential for Safety Improvements (PSI) for each candidate project and location by comparing actual crash frequencies to predicted crash frequencies.

The Result.

By incorporating these calculations in its network screening, VDOT identifies the top 100 intersections and top 100 miles of segments with the largest PSI annually. This list assists each district with determining which site(s) to prioritize based on the data, their practical experience, and knowledge of the area.

VDOT estimates that full deployment of a safety plan combining the PSI calculations with proactive projects and proven countermeasures will save 61 lives and prevent 1,174 injuries per year statewide.



U.S. Department of Transportation
Federal Highway Administration

FHWA-SA-21-068

Source: VDOT 2020 HSIP Report.

**PSI Calculations with
proactive projects and
countermeasures will save**

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Use data to invest your HSIP funds effectively.