



COLORADO
Department of Transportation
Office of the Chief Engineer



Traffic & Safety Engineering Branch
2829 W. Howard Pl
Denver, CO 80204
Phone: 303.757.9654

DATE: December 6, 2019

TO: City and County Transportation Officials

RE: Federal Highway Safety Improvement Program (HSIP) Funds

As transportation providers, we all know how important it is to provide the safest and most efficient system possible to enable our citizens and visitors the freedom to follow their pursuits. As Colorado becomes an ever more popular place to live and visit - and drive, ride, or walk - unfortunately our transportation systems experiencing more crashes, and sadly, deaths.

It is with this challenge, that I am eager to announce that CDOT is once again soliciting applications for federal Highway Safety Improvement Program (HSIP) project funds for state fiscal year (FY) 2023 (July 2022 through June 2023).

The goal of this federally funded program is to achieve significant reductions in all crashes on all public roads, especially crashes involving traffic fatalities and serious injuries. The program provides federal funds for projects that improve highway safety at locations where there is highest potential for crash reduction. We encourage you to consider locations where crash history exists and also locations where engineering analysis shows roadway safety risk factors exist, albeit not yet a crash history. Colorado's [Strategic Highway Safety Plan \(SHSP\)](#) provides information on Colorado's history of fatalities and priorities to reduce them. For safety improvement projects, there are numerous proven, researched, and documented mitigation strategies to consider ([NCHRP Report 500](#) and [FHWA's Proven Safety Countermeasures](#) are excellent resources).

To request HSIP funding assistance for a traffic safety improvement project in your jurisdiction, please review the attached program requirements and guidelines and complete an application for each project to be considered. Mail or email the completed application(s) to your local CDOT Region Traffic Engineer shown below. They will review the applications and forward to this office for further evaluation and prioritization. Local agency applications along with CDOT applications will be considered and selected to make up the FY 2023 HSIP program. Applications must be received by your Region Traffic Engineer no later than January 31, 2020.

Thank you for your partnership in improving safety on Colorado's roadways. If you have any further questions, please contact me, David Swenka, CDOT's HSIP Manager, or your local Traffic Engineer.

Sincerely in transportation safety,

Charles E. Meyer, PE, PTOE
State Traffic Engineer
Colorado Department of Transportation



(This page left intentionally blank)

Traffic & Safety Engineering Branch
2829 West Howard Place
Denver, CO 80204
Phone: 303.757.9654

DATE: December 9, 2019

TO: City/County Transportation Officials

FROM: Charles Meyer, PE, PTOE,
State Traffic Engineer and Branch Manager

RE: Call for Federal Highway Safety Improvement Program (HSIP) Local Agency Projects

Applications for HSIP program funds for state fiscal year (FY) 2023 (July 2022 to June 2023) are being requested at this time. Approximately \$15 million is anticipated to be available for safety improvement projects along local off-system (non-state owned) public roads across Colorado. This total amount will be distributed based on the proportion of crashes that have occurred within each CDOT Region.

To request federal funding assistance for a traffic safety improvement project in your jurisdiction, please complete an application (attached) for each project to be considered for funding. Mail or email the completed application(s) to your local CDOT Region Traffic Engineer shown below. CDOT staff will review the applications and forward to this office for further evaluation and prioritization. Applications must be received by your Region Traffic Engineer no later than **January 31, 2020**. To determine your Region Traffic Engineer, please refer to the map on the following page.

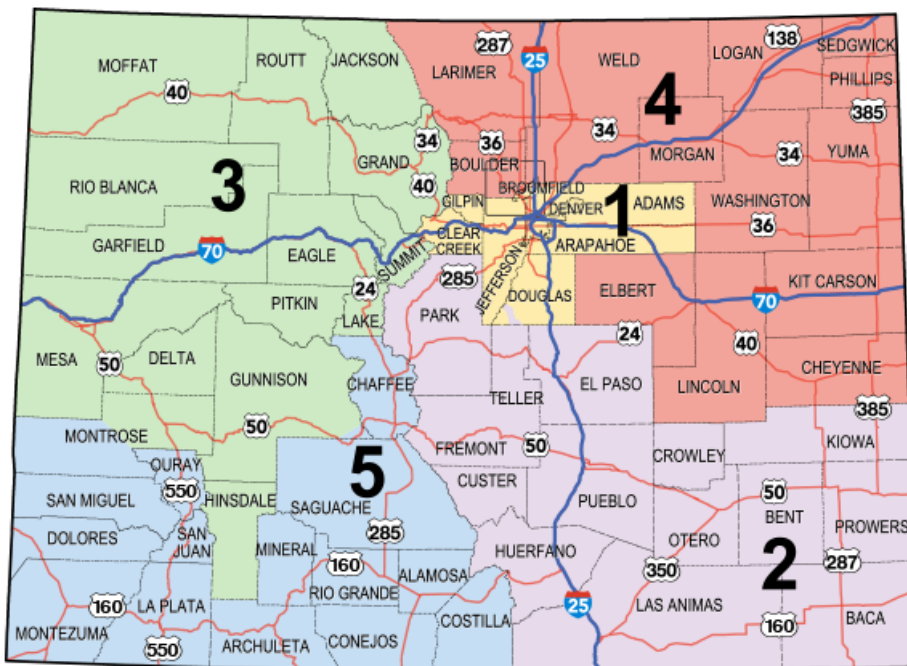
Colorado Department of Transportation Region & State Traffic Engineers

Alazar Tesfaye - Region 1 Traffic Engineer 2829 W. Howard Pl Denver, CO 80204 alazar.tesfaye@state.co.us (303) 512-4040	Jason Nelson - Region 2 Traffic Engineer 5615 Wills Blvd Pueblo, CO 81009 jason.nelson@state.co.us (719) 546-5411
Zane Znamenacek - Region 3 Traffic Engineer 222 S 6th St, Room 100 Grand Junction, CO 81501 zane.znamenacek@state.co.us (970) 683-6275	Katrina Klobberdanz - Region 4 Traffic Engineer 10601 W. 10 th St Greeley, CO 80634 katrina.klobberdanz@state.co.us (970) 350-2211
Julie Constan - Region 5 Traffic Engineer 3803 Main Ave, Suite 100 Durango, CO 81301 julie.constan@state.co.us (970) 385-1449	Charles Meyer - State Traffic Engineer 2829 W. Howard Pl Denver, CO 80204 charles.e.meyer@state.co.us (303) 757-9879

Any project selected for funding under the HSIP must be included in or added to the Statewide Transportation Improvement Program (STIP) and, if in an urban area, in the appropriate Transportation Improvement Program (TIP) of the respective Metropolitan Planning Organization (MPO).

Please complete the enclosed application form for each project of interest and submit with supporting documents. All requests will be considered only for state fiscal year 2023. Note that funding is contingent on the continuation of this federal safety program. The application process, final analysis, and notification of approval or denial are expected to be completed by March 10, 2020. Your participation in this program is greatly appreciated.

CDOT Region Boundary Map



HSIP Funding Distribution by Region

- Region 1: 52.9% (\$7.9M)
- Region 2: 16.9% (\$2.5M)
- Region 3: 9.3% (\$1.4M)
- Region 4: 17.2% (\$2.6M)
- Region 5: 3.7% (\$0.6M)



Federal Highway Safety Improvement Program

The Highway Safety Improvement Program (HSIP) is a core federal-aid program to States for the purpose of achieving a significant reduction in fatalities and serious injuries on all public roads. The program provides federal funds (90% federal, 10% state/local) for projects that improve highway safety at locations where there is potential for crash reduction. The criteria in evaluating applications is the crash history and the cost of the entire project.

Safety improvements along all public roadways, including non-State owned roads and roads on tribal land, within your jurisdiction are eligible for HSIP funding. If there is a safety improvement desired on a state highway, please coordinate with your local CDOT Region Traffic Engineer about CDOT applying for the funds or making a joint application. Safety improvement projects that are not along state highways will be considered higher priority.

As in the past, projects should cost no less than \$50,000. The overhead is about the same for any size project and the cost effectiveness of the federal dollar diminishes below this amount. Smaller projects can be combined to meet this \$50,000 threshold. Additionally, projects that include costs for right-of-way are allowed but not recommended because of the long lead time often required for right-of-way acquisition.

Only candidate projects that have a potential for crash reduction will be considered for funding prioritization. The approved method of project evaluation is based on determining the Level of Service of Safety (LOSS) through the appropriate Safety Performance Function model (SPF), or the observed cumulative Binomial Probability (BP) of a crash type or related crash characteristic. An observed crash frequency above the expected or a cumulative binomial probability of 90% or greater suggests the presence of a crash pattern that is susceptible to correction. CDOT will calculate the level of service of safety and/or cumulative BP and Benefit-Cost (B/C) ratio in accordance with the HSIP procedural manual available at: <https://www.codot.gov/library/traffic/hsip/docs> or the link below. Candidate projects that exhibit a potential for crash reduction upon evaluation will then be prioritized for funding assistance using the B/C ratio; however, projects focusing safety improvements along high risk rural roads (HRRR) or safety improvements targeting crashes involving vulnerable roadway users (pedestrians, bicyclists) may be evaluated systemically. Up to 25% of each Region's funding distribution totals will be set aside for these types of systemic applications.

Planned project advertisement dates should be no later than June 2023, otherwise applications may be deferred until the next local agency call for projects for FY 2024. Please be conservative in anticipating project advertisement/construction dates for your project. Funding can be advanced if your project is ready earlier than expected. If, however, the project is delayed beyond the fiscal year requested, funding may not be guaranteed.

Questions regarding the application process and evaluation criteria can be directed to:

David Swenka, PE, PTOE, CDOT HQ Traffic and Safety Engineering Branch
david.swenka@state.co.us, (303) 512-5103

Distribution: City/County/MPO/TPR/Local Transportation Officials
CDOT Traffic Engineers/Planners/Local Agency Coordinators
FHWA/Colorado LTAP

Attachment: HSIP Funding Application form (2 pages)

Electronic Versions of the forms are available at:
<https://www.codot.gov/library/traffic/hsip/docs>