



HARRIS COUNTY, TEXAS

Office of Management and Budget 1001 Preston; Suite 500 Houston, TX 77002 713-274-1135

Grants Coordination Section - Conveyance Form Application Award

Department Name / Number	DUNs	Grant Title
Public Infrastructure Coordinator - 030	JFMKAENLGN81	Safe Streets for All (SSFA) FY22
Funding Source: U.S. Department of Transportation: CFDA# 20.939		Grant Agency: U.S. Department of Transportation
Program Year: 1 st	Program Ending:	
Grant Begin Date: 10/01/2023	Grant End Date: 09/30/2028	
Grant Org. Key:	If applicable, Prior Year Org. Key: N/A	

Grant Description:

Funded by the U.S. Department of Transportation and established by the Bipartisan Infrastructure Law (BIL), the SS4A program funds regional, local, and Tribal initiatives through grants to prevent roadway deaths and serious injuries.

	Total Budget	Grant Funded	County Funded
Salary & Benefits	\$0.00	\$0.00	\$0.00
Non-Labor	\$37,500,000.00	\$30,000,000.00	\$7,500,000.00
Sub Tot. Incremental Cost	\$37,500,000.00	\$30,000,000.00	\$7,500,000.00
Indirect Cost	\$0.00	\$0.00	\$0.00*
TOTALS	\$37,500,000.00	\$30,000,000.00	\$7,500,000.00

* under development

Full Time Equivalent Positions

Date Guidelines are Available

% of Positions Paid by Grant

Grant Submittal Deadline Date

Grant Discussion:

If awarded, this would be the first year of funding for the Department under this grant program, which will support the County's Vision Zero Initiative to eliminate deaths and serious injuries from traffic crashes by 2030. The proposed project will target 12 corridor safety projects in the County's High Injury Network (HIN) by making improvements such as raised medians, bike lanes, sidewalks, roadway reconfigurations, access management, and intersection improvements. The required 20% match will be met with available resources.

County Funded Cost Projection

Year	Required	Discretionary
2024	1,500,000.00	-
2025	1,500,000.00	-
2026	1,500,000.00	-
2027	1,500,000.00	-
2028	1,500,000.00	-

Completed by : _____ Cadow, Eric

Date : _____ 9/7/2022

Reviewed by: _____

Date : _____ 9/7/2022

ORDER

STATE OF TEXAS

COUNTY OF HARRIS

On this, the 13th day of September, 2022, the Commissioners' Court of Harris County, Texas, sitting as the governing body of Harris County, upon motion of Commissioner _____, seconded by Commissioner _____, duly put and carried,

IT IS ORDERED that County Judge Lina Hidalgo or her designee be hereby authorized to approve, and on behalf of Harris County, Texas, to apply for, the following grant from the U.S. Department of Transportation:

Safe Streets and Roads for All Implementation Grant

Grant Funds: \$30,000,000

Match Funds: \$7,500,000

Grant Period: 10/01/2023 – 09/30/2028

Harris County application to the U.S. Department of Transportation (DOT) for FY 2022 Safe Streets for All (SS4A) Implementation Grant

Application Synopsis:

SS4A is a discretionary grant program providing up to \$30 million per application for Fiscal Year 2022 in dedicated funding to support regional and local projects and strategies that will prevent roadway deaths and serious injuries in the applicant's jurisdiction. The Harris County application includes twelve corridor safety projects that are in the top 20 percent of the roadway segments in the County's High Injury Network (HIN). The HIN is ranked by the number of fatalities and serious injuries in crashes for cars, bicyclists, and pedestrians. The twelve project locations included in the County's SS4A Implementation Grant Application are selected based on the corridor's high number of fatalities and injuries and the high percent of population in DOT's disadvantaged census tracts, which is an important application scoring criteria by DOT. The corridor safety improvements in the County's proposed projects include raised medians, bike lanes, sidewalks, roadway reconfigurations, access management, and intersection improvements.

The submission of this application will allow Harris County the opportunity to obtain \$30 million in federal grant funding with a local match of \$7.5 million to design and construct roadway safety projects which will help achieve the County's Vision Zero initiative to eliminate deaths and serious injuries from traffic crashes by 2030. The implementation of the proposed projects will create safe roadways for pedestrians, bicyclists, and car drivers. The implementation timeline for this grant is within five years after the establishment of a grant agreement.

Traffic crashes are a major cause of accidental deaths in Harris County. From 2014-2018, there were on average 430 crashes where someone was killed and 2,278 crashes where someone was seriously injured in Harris County each year. This equates to someone dying in a traffic crash every day, and at least five people severely injured every day. Harris County has developed the High Injury Network (HIN) comprised of roadway segments on unincorporated Harris County roadways with 3.5 or more severe or fatal crashes per mile. Collectively, these roadway segments make up 5.3% of the unincorporated Harris County roadway network but account for 60% of severe or fatal crashes. The HIN was created utilizing the 5-Year dataset from the Texas Department of Transportation (TxDOT) Crash Records Information System (CRIS), which included vehicular crash analysis for all single or multiple vehicle crashes that resulted in a fatality or incapacitating injury as well as pedestrian and bicycle crash analysis for crashes that included pedestrian and bicyclist fatality or incapacitating injury.

The Vision Zero implementation projects identified in this application are in the top 20 percent highest ranked (by KSI) roadway segments on the HIN and will improve safety conditions to reduce fatality and serious injury crashes on 30.8 miles of corridors. These twelve corridors are selected based on logical project limits and include the highest ranked HIN segments, as well as lower ranked segments on the HIN in close proximity to the highest ranked segments. To determine logical project limits and propose effective safety countermeasures based on roadway and crash characteristics, crash trends were evaluated for the 5-year period of 2014-2018 as well as for the 3-year period of 2019-2021. This crash

data evaluation combined with information gathered from Harris County Engineering Department staff on existing and planned capital improvement projects and intersection safety studies was utilized to address the continued risk of fatal and serious injury crashes occurring on the identified corridors.

Each corridor has been evaluated based on existing roadway cross-section, daily traffic volumes, and predominant crash characteristics to identify applicable safety countermeasures. The safety countermeasures proposed in these projects are based on the Federal Highway Administration’s (FHWA) collection of Proven Safety Countermeasures to ensure significant and measurable impacts in reducing fatalities and serious injuries for motorists, pedestrians, and bicyclists. Specifically, these countermeasures will address roadway safety challenges identified in the crash contributing factors for Harris County, such as speeding, intersection-related roadway departure, poor lighting, or pedestrian/bicyclist-related crashes resulting in a significant reduction in traffic crashes on the implementation project corridors.

Safe Streets for All Application Budget:

	SFY 22	FY 23	Next 3 FYs
Incremental Expenditures			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$	\$	\$37,500,000
Total Incremental Expenditures	\$	\$	\$37,500,000
Funding Sources			
Existing Budget / Local Match			
Other	\$	\$	\$7,500,000
Additional Budget Requested / Grant Award			
Grant	\$	\$	\$30,000,000
Total Funding Sources	\$	\$	\$37,500,000

September 13, 2022

Mr. Paul Teicher
Office of the Secretary of Transportation
1200 New Jersey Avenue, SE
W84-322
Washington, DC 20590

Re: Vision Zero Implementation Grant Application for the Safe Streets and Roads for All (SS4A) Discretionary Grant Program

Dear Mr. Teicher,

On behalf of the Harris County Commissioner's Court, I am writing to notify you of Harris County's grant request for the DOT's Safe Streets and Roads for All (SS4A) Discretionary Grant Program submitted by Harris County Engineering Department (HCED). The proposed project is for the Vision Zero Implementation Application, which spans across Four (4) Precincts within Harris County. The (SS4A) Implementation Grant request includes \$30,000,000 of federal funds and \$7,500,000 of matching funds provided by the local precincts, for a total project cost of \$37,500,000.

The County's detailed Vision Zero Action Plan invests in the safety of multimodal accessibility for all users and will ultimately serve as a guide to help focus on safety strategies, practices, and priorities that form valuable partnerships, both public and private. This action plan is also key in focusing on equity in transportation, and its history within the communities that are impacted the most.

As communities continue to grow, and as safety challenges begin to increase, County leadership and staff is committed to a comprehensive approach to eliminating traffic fatalities. I fully support the Vision Zero Implementation Project, a project that will help to increase overall community safety. Thank you for your consideration of this grant application and we hope that it is reviewed and funded through the SS4A Program.

If you should have any questions regarding this request, please contact Dr. Milton Rahman at (713) 274-3605 or Milton.rahman@eng.hctx.net

Respectfully,

Honorable Lina Hidalgo
Harris County Judge