



WRONG
WAY

BE SAFE. DRIVE SMART.

HSIP Project Call

Texas Department of Transportation
Dallas and Fort Worth Districts

October 5, 2022



WRONG WAY

BE SAFE. DRIVE SMART.

The 2022 TxDOT HISP Call for Projects meeting will be recorded for posting on NCTCOG's [Statewide Safety Initiatives](#) web page.

Please enter questions in the Chat box, and the presenter will be notified of your question.

HSIP Project Call October 5, 2022

Texas Department of Transportation
Dallas and Fort Worth Districts

**2022 TXDOT HSIP Call for Projects – Joint Informational Meeting
MS Teams Meeting
Wednesday, October 5, 2022
3:30 pm – 4:30 pm**

AGENDA

1. Welcome and Introductions – Camille Fountain, NCTCOG
2. 2022 HSIP Introduction – Bahman Afsheen, TxDOT Dallas District
3. 2022 TxDOT HSIP Call Overview – Theresa Poer, TxDOT Fort Worth District and Brandi Bush, TxDOT Dallas District
4. Questions & Answers

2022 HSIP Call for Projects

Overview

- Based on Emphasis Areas from the Texas SHSP
 - Distracted Driving
 - Impaired Driving
 - Intersection Safety
 - Pedestrian Safety
 - Roadway and Lane Departures
 - Speed Related
 - Vulnerable Road Users: Pedalcyclist, Pedestrian, Older/Younger Drivers
 - Post-Crash Care
- New HSIP Guidance Document
- New work codes (page 19, Appendix B in the Guidance Document)
- Considerations for Targeted and Systemic Project Types
- G-Match
- Focus on FY 2026

2022 HSIP Call for Projects – Project Types

Targeted Projects

- Projects are selected based on crash history,
 - Traffic volumes, and roadway geometrics are also considered.
- SII (Safety Improvement Index) Score is used as a guide to rank projects
- Crash Costs
 - \$4,000,000 for Fatal (K) and Suspected Serious Injury (A)
 - \$540,000 for Non-Incapacitating (B)

Systemic Projects

A systemic approach involves widely implementing improvements based on high-risk roadway features correlated with specific severe crash types. This approach provides a more comprehensive method for safety planning and implementation. It is an approach that broadens traffic safety efforts by considering risk and crash history when identifying where to make low-cost safety improvements.

(See pages 4, 5-6 of the Guidance Document for approved systemic countermeasures)

2022 HSIP Call for Projects

SII (Safety Improvement Index) Score

- Takes into account cost of crashes, crash reduction factors, construction costs, maintenance costs, service life, and traffic volumes.
- SII may be more difficult to obtain for off-system projects. It is optional for localities to calculate. Please use spreadsheet provided by TxDOT to calculate if done so.
- It is OK to leave blank if there is not enough data to calculate SII.
- Traffic Safety Division is able to calculate SII score for off-system projects.
- SII calculations are not needed for systemic project submittals

1	2022 SII Calculator (2019-2021 Crash Data)		Years of Data	Crash IDs		
2	Enter data in the shaded cells where applicable.		3	List the Crash IDs included in crash counts.		
3						
4		Number of Crashes	Cost	K	A	B
5	Number of Fatal Crashes (K)		\$4,000,000			
6	Number of Incapacitating Injury Crashes (A)		\$4,000,000			
7	Number of Non-Incapacitating Injury Crashes (B)		\$540,000			
8						
9						
10	Reduction Factor					
11	Service Life					
12						
13	Total ROW & Construction Cost					
14	Annual Maintenance Cost					
15						
16	Present ADT					
17	Future ADT	0				
18						
19						
20	SII Calculation	#VALUE!				
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

2022 HSIP Call for Projects – Work Codes

HSIP documents

- Documents are on TxDOT website
- HSIP guidance and program information is all in one document
- HSIP Project Submittal Form

Work codes

- Work Codes added-
 - 150-Install permanent dynamic message speed display signs related to a regulatory speed limit or advisory speed for unexpected roadway features (curves, school zones, etc.)
- Revised reduction factors and service life

Average bid prices

- Use district averages rather than statewide

2022 HSIP Call for Projects – Budget/Funding

Funding Coverage

- Only construction costs
- Does not cover Environmental permits, Right Of Way, Additional Contingencies and Design/Engineering Costs.
- Federal funding covers 90%. Local governments match 10% of project cost
- Local governments are responsible for all costs after federal funding has reached it's maximum programmed amount.

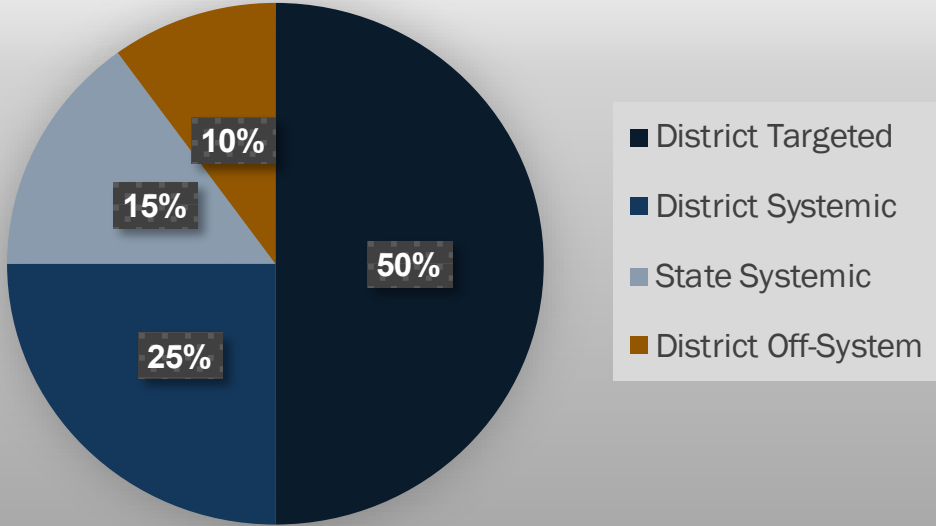
Increased Federal Share (G-Match)

- Possibility of receiving 100% federal funding for construction dollars
- Projects must conform to the HSIP Guidelines
- List of potentially eligible projects
 - Traffic control signalization
 - Traffic Circles (Roundabouts)
 - Pavement marking
 - Installation of traffic signs, traffic lights, guardrails, impact attenuators, or concrete barrier end treatments.

2022 HSIP Call for Projects

FY Off System Targeted or Systemic	Dallas District	Fort Worth District
2026	\$8,274,844	\$3,497,484

Breakdown of Funding



2022 HSIP Call for Projects

Review

- Dedicated funding allocation for off-system and systemic projects
- Projects now compete on a district level instead of statewide.
- Targeted locations with a crash history
- Off-system projects must be let by TxDOT's competitive bid process
- Not eligible for local letting
- All project proposals will be submitted through local Area Office or District Office.
- Please work with the Area Office that services your City. A list of contacts will be provided.

2022 HSIP Call for Projects

Supporting Documentation

- HSIP Form
 - Click “Save A Copy”, DO NOT Print to PDF)
- Location Map (Google Maps satellite view)
- Detailed Estimate
- Existing and Proposed Typical Sections (if applicable)
- Intersection Layouts (if applicable)
- Traffic Signal Warrant Forms (if applicable)
- Schedule
- Other Supporting Documentation As Needed

2022 HSIP Call for Projects

Estimates

- Account for all work
- TxDOT uses estimate to compare to PS&E
- Only work types programmed can be part of safety project
- Use district average bid prices

Letting

- Projects must let in FY chosen- Focus on FY 26
- Make sure utilities and ROW are clear

2022 HSIP Call for Projects

Submittals Due November 30th

- Submit to District Point of Contacts
- District will submit to TRF December 31, 2022
- Approved projects will be confirmed by March 2023

Dallas District:

DAL_TransOps_Safety@txdot.gov

Fort Worth District:

Paula Meyer

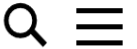
Paula.Meyer@txdot.gov

817-370-6888

2022 HSIP Call for Projects

Resources

- [TxDOT.gov Highway Safety Engineering Website](#)
 - HSIP Guidance Document, HSIP Submission Form, SII Calculator
- [Texas Strategic Highway Safety Plan \(SHSP\) \[TexasSHSP.com\]](#)




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Highway safety engineering

Highway safety engineering uses crash data to research, design and implement projects that save lives and reduce the number of crashes on Texas roadways. Key initiatives include the [Strategic Highway Safety Plan](#), Highway Safety Improvement Program and the Systemic Widening Program. The materials listed below support these initiatives.

Documents

2022 Highway Safety Improvement Program 

 [2022 HSIP Guidance Program](#)

 [2022 SII calculator](#)

Contacts

Dallas District:

Brandi Bush

Brandi.Bush@txdot.gov

214-320-6236

Fort Worth District:

Paula Meyer

Paula.Meyer@txdot.gov

817-370-6888

Bahman Afsheen

Bahman.Afsheen@txdot.gov

214-320-6229

Korin Adkins

Korin.Adkins@txdot.gov

817-370-6683

2022 HSIP Call for Projects

- Questions?