

May 9, 2023

# Welcome to a CRCOG Zoom Meeting



## Safe Streets and Roads for All (SS4A) Discretionary Grant Workshop

*To submit a question or comment in writing,  
please send a message to Cara Radzins via chat.*

- We have muted attendees upon entrance. We will unmute people either individually or as a group depending on the situation.
- Meeting materials are available at [CRCOG.org](https://www.crcog.org)



**CRCOG**

**SS4A**

**WORKSHOP**

May 9, 2023  
10:00 AM



# SS4A Overview

*Over \$1 billion is available for safety plans and projects that will significantly reduce or eliminate roadway fatalities and serious injuries on the nation's roads.*

Two types of grants are available:  
Planning and Demonstration  
Grants

Or

Implementation Grants

A summary of the Round 2 FY2023 NOFO is available on [CRCOG's BIL/IIJA Webpage](#) and includes links to the program webpage and other available resources. See also [U.S. DOT's SS4A Webpage](#)

# Schedule and Next Steps

*Applications are due by 5 pm on Monday, July 10, submitted through ValidEval.*

## May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## July

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15

Just under 9 weeks remaining

May 23 – deadline for Municipalities to submit to CRCOG requests for Letter(s) of Support from CTDOT

May 29 – Memorial Day Holiday

May 30 – deadline for CRCOG to submit requests for Letter(s) of Support from CTDOT

June 26 – CTDOT provides Letter(s) of Support

July 4 – Independence Day Holiday

July 10, 5 pm – application deadline

Let CRCOG know how we can help – maps, data collection, review application materials, etc.

# Status Update

*Applications are due by 5 pm on Monday, July 10, submitted through ValidEval.*

- List of Municipalities who submitted Intent to Apply Forms:
  1. Berlin – Mill Street
  2. Mansfield – Route 195/US-44 and Route 195/Route 32
  3. Southington – West Street (Route 229)
  4. Wethersfield – Silas Deane Highway (Route 99)

# Planning and Demonstration Grants

## **Three Eligible Activity Types:**

1. Action Plan
2. Supplemental Planning
3. Demonstration Activities (Pilot Programs – including behavioral and operational)

## **Expected Award Amounts:**

Min. \$100,000; Max. \$10 million

# Planning and Demonstration Grants

## Action Plan

- Develop or complete a Comprehensive Safety Action Plan
- 8 components to an Action Plan

Quick Build Example



Source: Solomon Foundation

## Supplemental Planning

- Topical safety plans
- Road safety audits
- Additional safety analysis and data collection
- Targeted equity assessments
- Follow-up stakeholder engagement

## Demonstration Activities

- Feasibility studies using quick-build strategies
- Pilot programs for behavioral or operational activities
- Pilot programs for new technology
- Manual on Uniform Traffic Control Device (MUTCD) engineering studies



# Planning and Demonstration

## 1. Action Plan

NOFO

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- The CRCOG Regional Transportation Safety Plan (RTSP) is an "Action Plan"
- CRCOG is supplementing the RTSP under the 2022 SS4A Grant Award. New Britain is a joint applicant.
- Towns are eligible to apply for Action Plan, but would be a "duplicative" effort, therefore not recommended.

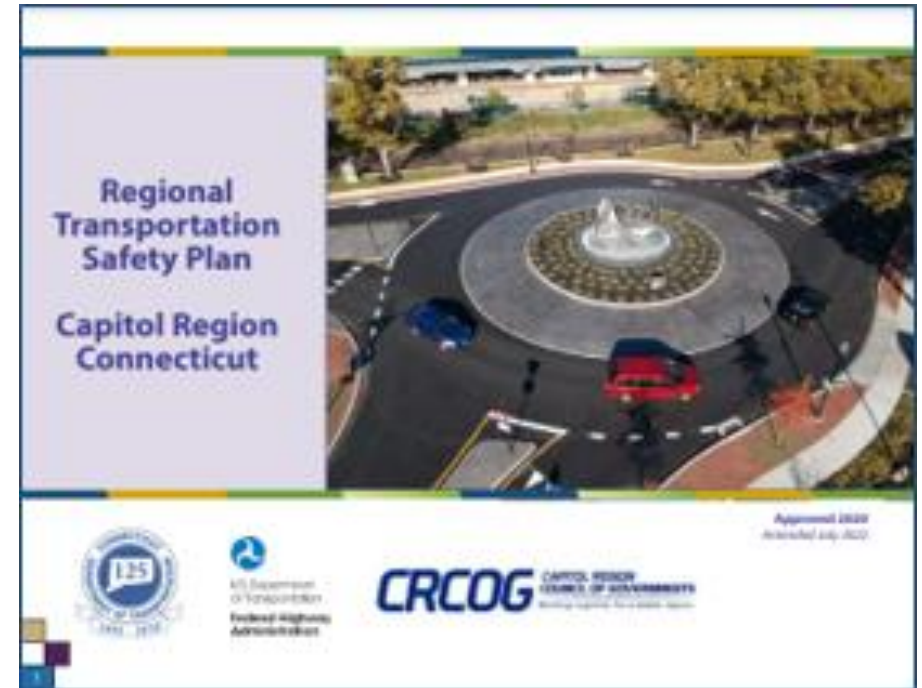


# Planning and Demonstration

## 2. Supplemental Planning

NOFO  
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- Must have an Action Plan
  - ✓ CRCOG RTSP is an "Action Plan"
- Final Deliverable:
  - written product that enhances the Action Plan
  - publicly available



# Planning and Demonstration

## 2. Supplemental Planning (cont'd)

### Examples

- Sub-plans focused on topics;
  - speed management
  - ADA Transition Plans
  - Safety focused ITS
  - Lighting
- Road Safety Audits
- Additional data collection and analysis
- Targeted Equity Assessments

# Planning and Demonstration

## 3. Demonstration Activities

- Must have an Action Plan
  - ✓ CRCOG RTSP is an "Action Plan"
- Test proposed projects and strategies to determine potential benefits
- **Demonstration Activities are Temporary**
- Must measure benefits w/ data collection & evaluation
- Final Deliverable:
  - Assessment of demo activity and incorporation into Action Plan
  - Demonstration Activities - set up in 18 months

# Planning and Demonstration

## 3. Demonstration Activities (cont'd)

Examples:

- **Quick-Build use of paint and plastic delineator posts to reallocate road space**
  - **bike lanes**
  - **intersection curb extensions**
- Pilot Programs for behavioral or operational
  - New education campaign
  - Trial to test new EMS crash response methods

# Planning and Demonstration

## 3. Demonstration Activities (cont'd\*)

NOFO  
8

### Example Demonstration Activities – Feasibility Studies

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pg. 8



- **Feasibility studies** using quick-build strategies, low-cost, and temporary materials that have the potential to inform future permanent future projects. Examples include:
  - Planters, temporary speed humps/bumps, and other removable safety and traffic calming improvements.
  - Paint and plastic delineator posts to experiment with impermanent roadway design changes.

*\*Eligible Demonstration activities will inform Action Plans through **small-scale tests** with **finite trial periods** which will help gauge project/strategy effectiveness and lead to project/strategy selection at a systems level.*

# Planning and Demonstration

## 3. Demonstration Activities (cont'd\*\*)

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- **Pilot programs that demonstrate safety benefits of new technologies.** Eligible technologies must be commercially available, not yet adopted in the community, and at a prototype or advanced technological readiness level.
- Examples include:
  - Variable speed limits
  - Speed safety cameras installations
  - Adaptive signal timing
  - Signal preemption for emergency vehicles
  - Safety warnings for wrong-way driving alerts
  - Intelligent Transportation Systems
  - Vehicle-to-infrastructure technology, especially those that use the 5.905 – 5.925 GHz spectrum frequency.

# Planning and Demonstration

## Selection Criteria

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1. Safety Impact
  - Roadway Fatalities
  - Fatality Rate
2. Equity: Underserved Community 2020 Census data
3. Additional Safety Context

# Planning and Demonstration

## Review Process and Ratings

Criteria #1 and #2 are rated numerically

Criteria #3 Additional Safety Context rated using

- High
- Medium
- Low
- Not Qualified



# Implementation Grants

## **Eligible Activities:**

- Projects and strategies identified in an Action Plan that address roadway safety problems
- Supplemental Planning and Demonstration Activities, as described in prior slide

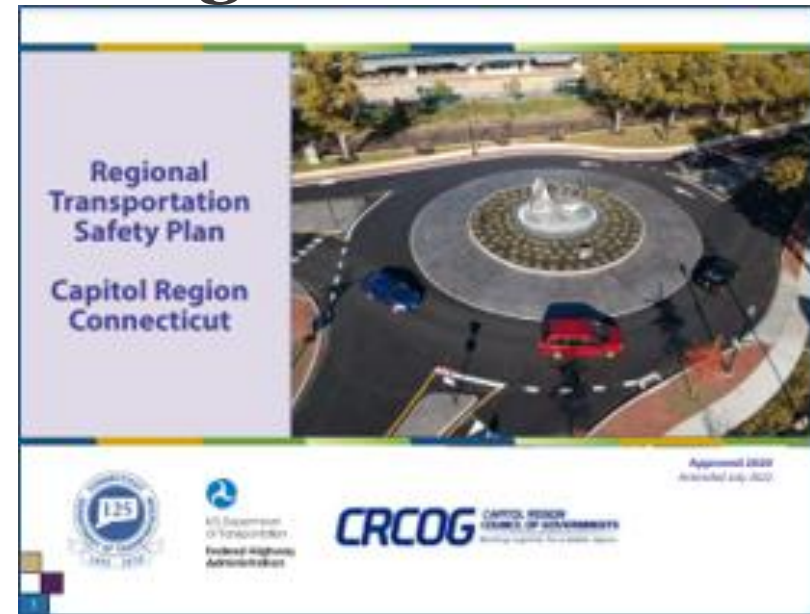
## **Expected Award Amounts:**

Min. \$2.5 million; Max. \$25 million

# Implementation Grants

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- **Must carry out projects and strategies identified in an Action Plan**
- Must be either:
  - Infrastructure
  - Behavioral
  - Operational
- **Implementation Grants can include Supplemental Planning and Demonstration Activities**, as described above



# Implementation Grants (cont'd)

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- Not Eligible:
  - Projects whose primary purpose is not roadway safety
  - New roadways
  - Projects to improve Levels of Service
  - Projects primarily to maintain state of good repair

# Implementation Grants (cont'd\*)

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## RTSP : Top Crash Intersection & Corridors

### Intersections

### Corridors

5.2.1 Top Crash Intersections and Countermeasures, 2015-2017

RANK	MUNICIPALITY	LOCATION	CRASHES	EPDO	ISSUES	COUNTERMEASURES	TIME RANGE
1	Hartford	Sigourney St and Ashley St	17	1,377	Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
					Pedestrian crossing	Install high-visibility crosswalks	1 Year
					Speeds approaching signal	Install dynamic speed feedback signs	1 Year
2	Newington	US-5 (Berlin Tpke) and Deming St/ Richard St (current Signal Upgrade Project 171-433)	20	1,269	Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
					Front-to-rear crashes	Install No Right Turn on Red sign	1 Year
					Pedestrian call buttons but no crosswalks	Install marked crosswalks	1 Year
3	Southington	CT-229 (West St) and W Queen St	13	1,189	Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
						Install advance warning signs with 12" flashers	1-2 Years
4	Hartford	Washington St and Retreat Ave	13	1,156	Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
					Pedestrian crossing	Install high-visibility crosswalks at the end of channelized right to retreat trim vegetation	1 Year
					Angle crashes	Provide cat tracks to delineate turning paths-for dual left turns	1 Year
5	Hartford	Main St and Mahl Ave/ Pavilion St	13	1,144	Front-to-rear crashes and angle crashes	Install traffic signal retroreflective backplates	1-2 Years
					Angle crashes	Implement restricted left-turn phase	1 Year
					Pedestrian crossing	Install curb extensions	2-3 Years
6	Hartford	US-44 (Albany Ave) and Center St	13	1,124	Pedestrian crossing	Install marked crosswalks	1 Year
					Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
					Pedestrian crossing	Construct curb extensions to shorten the crossing distance for pedestrians; consider removing parking on north side of T-intersection and converting to a widened sidewalk on the north side of Albany Ave at Edwards St	2-3 Years
					Speeding and multimodal users	Add centerline plastic bollards to force drivers to make left turns on a proper path between the Edwards St and East St intersections	2-3 Years

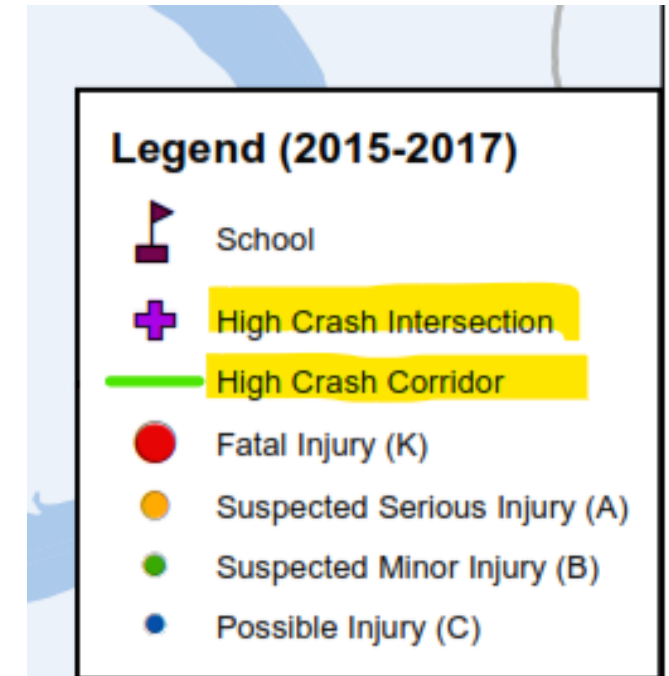
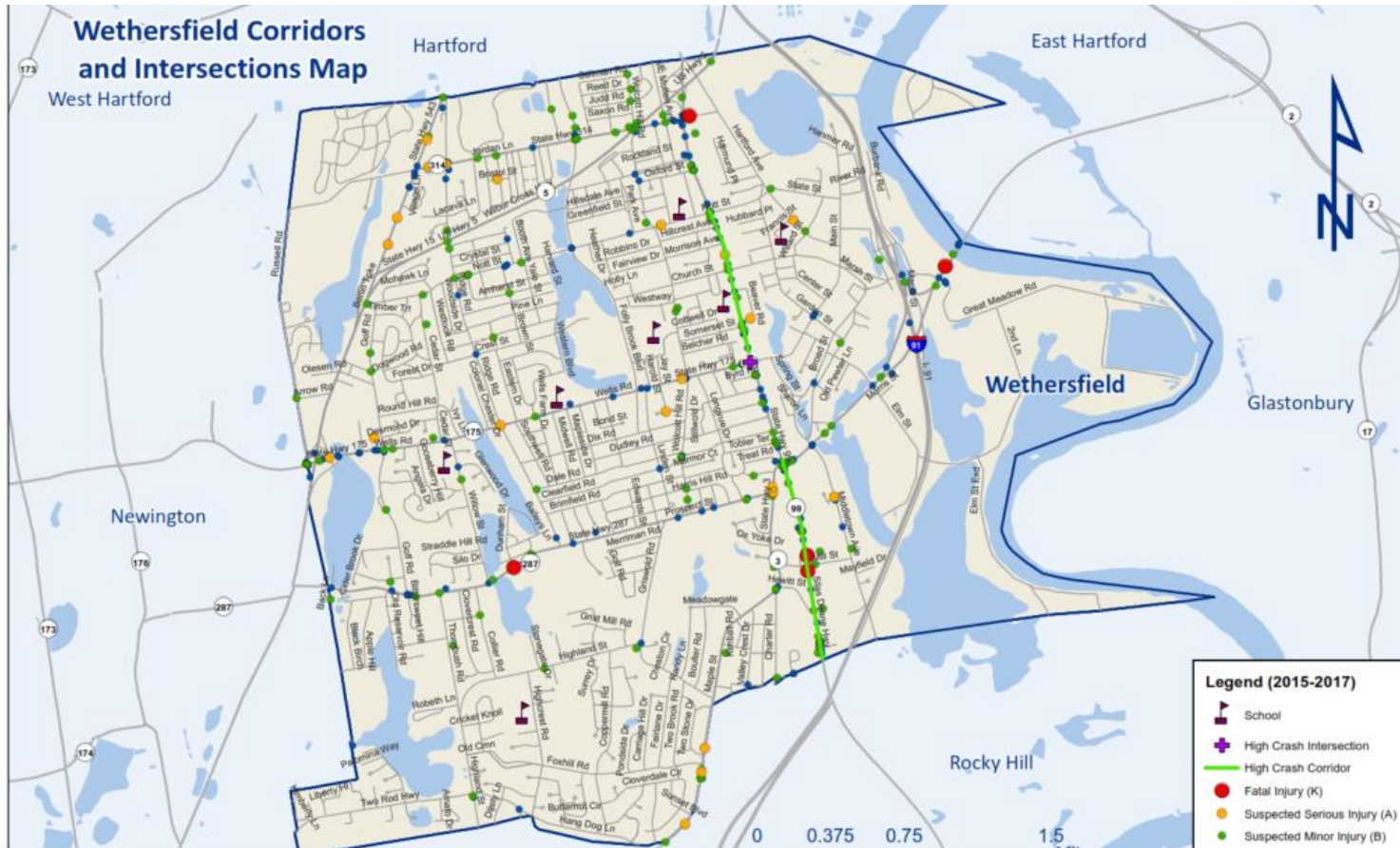
5.2.2 Top Crash Corridors and Countermeasures, 2015-2017

RANK	MUNICIPALITY	LOCATION	CRASHES	EPDO	ISSUES	COUNTERMEASURES	TIME RANGE
1	Hartford	Park St from New Park Ave to Main St	194	5,829	Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
					Potential pedestrian crashes	Fully mark and sign crosswalks throughout the corridor. Provide leading pedestrian intervals at all signals	1 Year
					Potential pedestrian crashes	Install additional curb extensions at intersections missing such a feature	2-3 Years
2	Hartford	Garden St from Collins St to Pavilion St	98	4,263	Front-to-rear crashes/ lack of pedestrian amenities	Implement traffic calming such as bulb outs and new pedestrian crossings	1-2 Years
					Long pedestrian crossings at Garden St and Homestead Ave	Reduce curb radii at Garden St and Homestead Ave intersection	1 Year
					Angle crashes at Garden and Homestead Ave	Provide cat tracks to delineate turns at this intersection	1 Year
3	Andover	US-6 from Wales Rd to South St	14	4,001	Speeding	Install dynamic speed feedback signs	1 Year
					Angle Crashes	Provide acceleration lanes for vehicles turning out of South St	3-4 Years
4	Bloomfield	CT-187 (Blue Hills Ave) from Tower Ave to Pine Grove Rd	152	3,913	Speeds and closely spaced intersections	Implement a road diet with bicycle lane, parking lane, and bulb outs to lower speeds through the closely spaced intersections in this corridor	1-2 Years
					Front-to-rear crashes	Install traffic signal retroreflective backplates	1-2 Years
					Various crashes	Install dynamic speed feedback signs at closely spaced intersections at the north and south ends of the corridor	1 Year
5	Hartford	Wethersfield Ave from Bolton St to Wyllys St	151	3,416	Intersection Crashes	Install dynamic speed feedback signs	1 Year
					Long crossing lengths	Install curb extensions	2-3 Years
					Pedestrian crashes	Install high-visibility crosswalks	2-3 Years

# Implementation Grants (cont'd\*)

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## RTSP Appendix High Crash Corridors & Intersections



# Implementation Grants (cont'd\*)

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## CRCOG Roundabout Screening recommended locations to be referenced in RTSP

1. Top Ranked in Region
2. Municipal Top 3 Ranked
3. Municipal Suggested

CRCOG Roundabout Screening Study  
Top Ranked 100 Locations  
3/9/2023 (4-10-23 Recommended Highlights: Yellow= Local Roads, Blue= State Roads)

Rank	CVR Score	Municipality	Major Road	Minor Road	Total Crashes	Total KABC Crashes	Crash Score	ADT	ADT Factor	ROW Issues	Geometric Factor	Recommended	Comment
1	250.20	HARTFORD	MAIN ST	MAHL AVE/PAVILLION ST	31	10	417.00	13500	0.75	Moderate	0.80	Yes	
2	232.65	HARTFORD	CHAPEL ST, NO/WALNUT ST/-84 EB RAMP	HIGH ST	60	11	232.67	9900	1	None	1.00	No	Volumes
3	187.54	HARTFORD	NEW BRITIAN AVE	SUMMIT ST/FAIRFIELD AVE	17	6	216.33	10600	0.9	Insignificant	0.96	Yes	
4	187.50	BERLIN	MILL ST (CT 372)	SAVAGE HILL RD/BECKLEY RD	12	6	208.33	10300	0.9	None	1.00	Yes	
5	162.28	HARTFORD	FRANKLIN AVE	BUSHNELL ST	13	7	213.67	8600	1	Significant	0.76	No	ROW
6	149.93	HARTFORD	WASHINGTON ST	VERNON ST # 2	34	11	229.00	12100	0.75	Insignificant	0.87	Yes	
7	145.27	HARTFORD	FRANKLIN AVE	BLISS ST	13	7	213.67	8600	1	Significant	0.68	No	Fatal likely occurred at Bushnell
8	131.67	HARTFORD	WESTLAND ST	BARBOUR ST	18	6	205.33	5700	1	Significant	0.64	No	ROW
9	108.48	HARTFORD	HOMESTEAD AVE/WALNUT ST	GARDEN ST #1	54	28	270.67	13100	0.75	Moderate	0.53	Yes	
10	89.31	HARTFORD	ALBANY AVE (US 44)	BROOK ST	19	6	215.33	13400	0.75	Significant	0.55	No	ROW
11	81.67	HARTFORD	WETHERSFIELD AVE	ADELAIDE ST	19	7	212.33	12000	0.9	Significant	0.43	No	ROW
12	79.75	HARTFORD	MORGAN ST (US 44)	MARKET ST	128	30	127.00	12800	0.75	Insignificant	0.84	No	ROW
13	67.43	SOUTHINGTON	MERIDAN-WATERBURY TPKE (CT 322)	CLARK ST (CT 509)	15	7	215.67	11700	0.9	Moderate	0.35	Yes	Vol's, Signal System
14	65.05	HARTFORD	ZION ST # 1	WARD ST	18	9	220.33	10400	0.9	Significant	0.33	No	ROW
15	64.30	HARTFORD	FARMINGTON AVE	BROAD ST	84	23	89.67	12600	0.75	Insignificant	0.96	No	Needs Multi-Lane Rdbt
16	63.79	HARTFORD	TRUMBULL ST	CHAPEL ST SOUTH	47	18	67.00	7100	1	Significant	0.95	No	ROW, Vol's?

# Implementation Grants

## Selection Criteria

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1. Safety Impact
  2. Equity, Engagement, and Collaboration
  3. Effective Practices and Strategies
  4. Other DOT Strategic Goals
    - Climate and Sustainability
    - Economic Competitiveness
    - Workforce
- Consideration: Project Readiness

# Implementation Grants

## Selection Criteria (cont'd)

NOFO  
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Use the **12-page Narrative** to clearly **address each selection criteria**

Selection Criteria will be rated using High, Medium, Low, Non-responsive



# General Application Requirements - SAM

Each applicant must:

- 1) Be registered in SAM before submitting an application
- 2) Provide a valid unique entity identifier in its application
- 3) Maintain an active SAM registration at all times

EPA has a great site with information about SAM.gov:

<https://www.epa.gov/grants/how-register-apply-grants>

# General Application Requirements - SAM

Confirm your municipality has an **active SAM registration** and a **Unique Entity Identifier (UEI)**

It can take several weeks to obtain this registration

<https://sam.gov/content/home>

# General Application Requirements - ValidEval

Grant Application Materials are available for download from Grants.gov

But

Applications will be accepted through **ValidEval**

There are two separate links:

**[Planning and Demonstration Applications](#)** and  
**[Implementation Applications](#)**

# General Application Requirements - ValidEval



USDOT Safe Streets and Roads for All (SS4A) 2023 Planning and Demonstration Grants  
**Registration**

## Planning and Demonstration Grant Application (CFDA #20.939)

Applications must be submitted by July 10, 2023 by 5:00 pm EDT. Late applications will not be accepted.

This application site is for applicants wishing to submit a FY 2023 application for a Planning and Demonstration grant (formerly known as an Action Plan grant). If you wish to apply for an Implementation award, please visit: [https://usq.valideval.com/teams/usdot\\_ss4a\\_2023\\_implementation/signup](https://usq.valideval.com/teams/usdot_ss4a_2023_implementation/signup)

To assist in completing your application, please view the resources available at: <https://www.transportation.gov/grants/ss4a/how-to-apply>

The Notice of Funding Opportunity (NOFO), with detailed instructions on how to prepare your proposal, is located at the right of this page. Additional templates and resources are also available there as well as on the SS4A program website.

### Contact Information

SS4A Program Website: <https://www.transportation.gov/grants/SS4A>

SS4A Email: [ss4a@dot.gov](mailto:ss4a@dot.gov)

Telecommunications device for the deaf (TDD) is available at 202-666-9999

Valid Eval Support email: [support@valideval.com](mailto:support@valideval.com) or click on the help button at the top of this page.

### Signup Instructions

If you do not have a Valid Eval account, complete the dark blue Sign-up box below.

If you already have a Valid Eval account, click the Login at the bottom of the dark blue Sign-up box below.

Once you have signed up and are logged into your account, the submission form fields below will be available for you to edit. Before starting to fill this form out, please take the time to ensure you have all the required information at hand and your final documents are ready for submission; there is a checklist provided in the box on the right below.

### Files to Upload

Templates and resources related to the document uploads are located in the right-hand column. Applicants are required to use these templates, without modifications, in order for their application to be considered. When signatures are required as part of these templates, they must be signed by the applicant and not their contractors. Applicants will upload files at the bottom of this page.

All fields on this page are required unless otherwise noted.

### Applicant Information

Primary applicant information should match what is indicated on the SF-424.

If possible, please include two points of contact. While contractors are permitted to develop and submit application materials on behalf an applicant, the points of contact listed below must be staff of the applicant agency. In the event we need to contact you, we usually provide only a few business days to respond. Include individuals who will be responsive or put up away messages with other points of contact from July through December 2023.

Sign Up

Email Address

Sign up

Already have a Valid Eval account? [Login](#)

NOFO

The purpose of this notice is to solicit applications for the SS4A grants. Funds for the Fiscal Year (FY) 2023 SS4A grant program are to be awarded on a competitive basis to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users.



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# Planning and Demonstration Application Requirements

- **Standard Forms**
  - Application for Federal Assistance (SF-424)
  - Budget Information for Non-Construction Programs (SF-424A)
  - Assurances for Non-Construction Programs (SF-424B)
  - Disclosure of Lobbying Activities (SF-LLL)

# Planning and Demonstration Application Requirements

- **Key Information Questions**
  - See Table 2 in NOFO
  - Enter answers in ValidEval, such as:
    - Total Jurisdiction Population
    - List of Census Tract(s) covered by the Applicant's Jurisdiction
    - Count of Roadway Fatalities (Whole Number)
      - Obtain from [U.S. DOT's Fatality Analysis Reporting System \(FARS\)](#) or Alternative Source

# Planning and Demonstration Application Requirements

- **Key Information Questions (cont.)**
  - Total Average Annual Fatality Rate (per 100,000 population)
    - Use 2020 U.S. Census American Community Survey (ACS) 5-year population estimate
  - Total Percent of Population in Underserved Communities Census Tract(s)
    - Must be based on 2020 Census Data
    - Must use [U.S. DOT's Equitable Transportation Community Explorer \(ETC\) tool](#), or the [Climate and Economic Justice Screening Tool \(CEJST\)](#).
    - Upload screenshot of results

# Planning and Demonstration Application Requirements

- **Key Information Questions (cont.)**

- Identify whether an award was made in your region in the last funding round:
  - CRCOG received FY22 funding for supplemental planning activities. Best fit selection appears to be:

*"Yes, jurisdiction included in a regional or multijurisdictional Action Plan effort that received FY22 funding"*

- Explain how proposed application differs or complements other efforts.
- Coordination required



# Planning and Demonstration Application Requirements

- **Key Information Questions (cont.)**
  - Project Title
    - Consistent with SF-424
  - Project Goal
    - 2-3 sentences
    - Describe the problem to be solved from the project
  - Project Cost
  - Application Type

# Planning and Demonstration Application Requirements

- **Application Types:**

**If selected Demonstration or Other Supplemental Planning Activities below, please indicate what type of Demonstration or Other Supplemental Planning Activities:**

- Quick Build/Tactical Urbanism (e.g., paint, plastic bollards, etc.)
- Demonstration/Pilot of Behavioral Program
- Demonstration/Pilot of Operational Program
- Demonstration/Pilot of technology to support safety planning and analysis
- Road Safety Audits
- Additional Analysis (e.g., speed or lighting studies)
- Expanded Data Collection (e.g., targeted equity assessments)
- Complementary Planning (e.g., Accessibility and Transition plans, Other]
- Add elements to and/or update existing Comprehensive Safety Action Plan
- MUTCD Engineering Studies that further safety applications of the MUTCD (e.g., evaluating warrants for traffic signal installation, high-visibility crosswalk markings, bike lane treatments, etc.)

# Planning and Demonstration Application Requirements

- **Project Narrative**
  - No more than **2-pages**
  - Respond to **Selection Criteria in NOFO Section E.1.i**
  - For Demonstration Activities, must provide a brief schedule
    - Show when activities will be in place
    - Start/End Dates of the work
      - set-up within 18-months

# Planning and Demonstration Application Requirements

- [Self-Certification Eligibility Worksheet](#)
  - mandatory unless applying for New Action Plan
  - CRCOG can prepare a template using the existing [Regional Transportation Safety Plan](#) as the basis
- Must include a link to the RTSP or upload a pdf of the plan into ValidEval

# Planning and Demonstration Application Requirements

- **Map**
  - PDF map
  - Show location of jurisdiction
  - Highlight the roadway network under the applicant's jurisdiction

# Planning and Demonstration Application Requirements

- **Budget**
  - Narrative
    - Briefly summarize the amount of funding going to each eligible activity
    - High-level overview of estimated activity costs
    - Organize by major cost elements
  - 2 Categories of Funding Sources:
    - Federal Funding Share
    - Non-Federal Share Funds
  - Indicate costs or value of in-kind match
  - Use SF-424A
  - Be consistent with Narrative, SF and ValidEval entries

# Implementation Application Requirements

- **Standard Forms**
  - Application for Federal Assistance (SF-424)
  - Budget Information for Construction Programs (SF-424C)
  - Assurances for Construction Programs (SF-424D)
  - Disclosure of Lobbying Activities (SF-LLL)

# Implementation Application Requirements

- **Key Information Questions**
  - See **Table 3** in NOFO
  - Enter answers in ValidEval, such as:
    - Previous SS4A funding in the jurisdiction:
      - CRCOG received FY22 funding for supplemental planning activities. Best fit selection appears to be:  
  
*"Yes, jurisdiction included in a regional or multijurisdictional Action Plan effort that received FY22 funding"*



# Implementation Application Requirements

- **Key Information Questions (cont.)**
  - Total Jurisdiction Population
    - Use data for entire application area
    - Based on 2020 U.S. Census American Community Survey (ACS) data
    - Include total population of all Census tracts where applicant performs safety responsibilities.
  - List of Census Tract(s) covered by the Applicant's Jurisdiction
  - List of Census Tract(s) where project(s) would take place.

# Implementation Application Requirements

- **Key Information Questions (cont.)**
  - **Count of Roadway Fatalities (Whole Number)**
    - Obtain from [U.S. DOT's Fatality Analysis Reporting System \(FARS\)](#) or Alternative Source
  - **Total Average Annual Fatality Rate (per 100,000 population)**
    - Use 2020 U.S. Census American Community Survey (ACS) 5-year population estimate

# Implementation Application Requirements

- **Key Information Questions (cont.)**
  - Total Percent of Population in Underserved Communities Census Tract(s)
    - Must be based on 2020 Census Data
    - Must use [U.S. DOT's Equitable Transportation Community Explorer \(ETC\) tool](#), or the [Climate and Economic Justice Screening Tool \(CEJST\)](#).
    - Upload screenshot of results

# Implementation Application Requirements

- **Key Information Questions (cont.)**
  - Project Title
    - Consistent with SF-424
  - Problem to be Solved with Project
    - 1-paragraph
    - Summary of the safety problem the project will address
  - Applicant's Roadway Safety Responsibility

# Implementation Application Requirements

- **Project Benefits to the Following Groups:**

This project will have significant benefit to the following groups (select all that apply)

Pedestrians

Bicyclists

Micromobility (e.g., scooters)

Transit Users

Commercial Motor Vehicles

Automobiles

Emergency Medical Services

Other (please specify below)

# Implementation Application Requirements

- **Planning Activities (Demonstration or Supplemental) Included:**

- Quick Build/Tactical Urbanism (e.g., paint, plastic bollards, etc.)
- Demonstration/Pilot of Behavioral Program
- Demonstration/Pilot of Operational Program
- Demonstration/Pilot of technology to support safety planning and analysis
- Road Safety Audits
- Additional Analysis (e.g., speed or lighting studies)
- Expanded Data Collection (e.g., targeted equity assessments)
- Feasibility Study
- Complementary Planning (e.g., Accessibility and Transition plans, Other]
- Add elements to and/or update existing Comprehensive Safety Action Plan
- MUTCD Engineering Studies that further safety applications of the MUTCD (e.g., evaluating warrants for traffic signal installation, high-visibility crosswalk markings, bike lane treatments, etc.)

# Implementation Application Requirements

- **Primary Project Purpose:**

- **Behavioral Strategies:** Focus on altering road user behavior and/or reinforcing roadway habits for all users (e.g., performing High Visibility Enforcement, safety outreach campaigns.)

- **Infrastructure Strategies:** Build physical transportation improvements; goal is to create safer facilities (e.g. constructing road diets, protected bike lanes, roundabouts).

- **Operational or Technology Strategies:** Focus on enhancing the safety and efficacy of existing transportation infrastructure (e.g. enhance emergency vehicle warning systems, updating signal phasing to protect turning movements or address conflict points at intersections).

# Implementation Application Requirements

- **Primary Project Type:**

- **Major Construction projects** require acquisition of ROW, disturbances to the environment, utilities, and design which may take 3 to 5 years. Examples include: installation of turning lanes, roundabouts, or traffic signal installation.

- **Minor Construction projects** have minimal environmental impacts/disturbances, have no ROW, minimal (to no) design, and completed within 18 months. Examples include: installation of pavement markings, signs, signal timings.



# Implementation Application Requirements

- **Project Narrative**
  - No more than **12-pages**
    - Excludes: cover page, table of contents, budget sections, self-cert worksheet, appendices

# Implementation Application Requirements

- **Project Narrative – Recommended Outline**
  - I. Overview
    - Introduction
    - Description of safety context, jurisdiction, high-level background info.
  - II. Location
    - Describe jurisdiction's location
    - Describe jurisdiction's High-Injury Network
    - Identify potential locations and corridors of the projects and strategies

# Implementation Application Requirements

- **Project Narrative – Recommended Outline cont'd**
  - **III. Response to Selection Criteria (NOFO Section E.1.ii)**
  - **IV. Project Readiness**
    - Demonstrate ability to substantially execute and complete full scope of work in the application proposal within 5-years of grant execution
    - Focus on:
      - Design and Construction,
      - Environmental Permitting, and
      - Approval Processes

# Implementation Application Requirements

- [Self-Certification Eligibility Worksheet](#)
  - **Mandatory Attachment**
  - CRCOG can prepare a template using the existing [Regional Transportation Safety Plan](#) as the basis
- Must include a link to the RTSP or upload a pdf of the plan into ValidEval

# Implementation Application Requirements

- **Map**
  - PDF map
  - Show location of jurisdiction
  - Highlight the roadway network under the applicant's jurisdiction

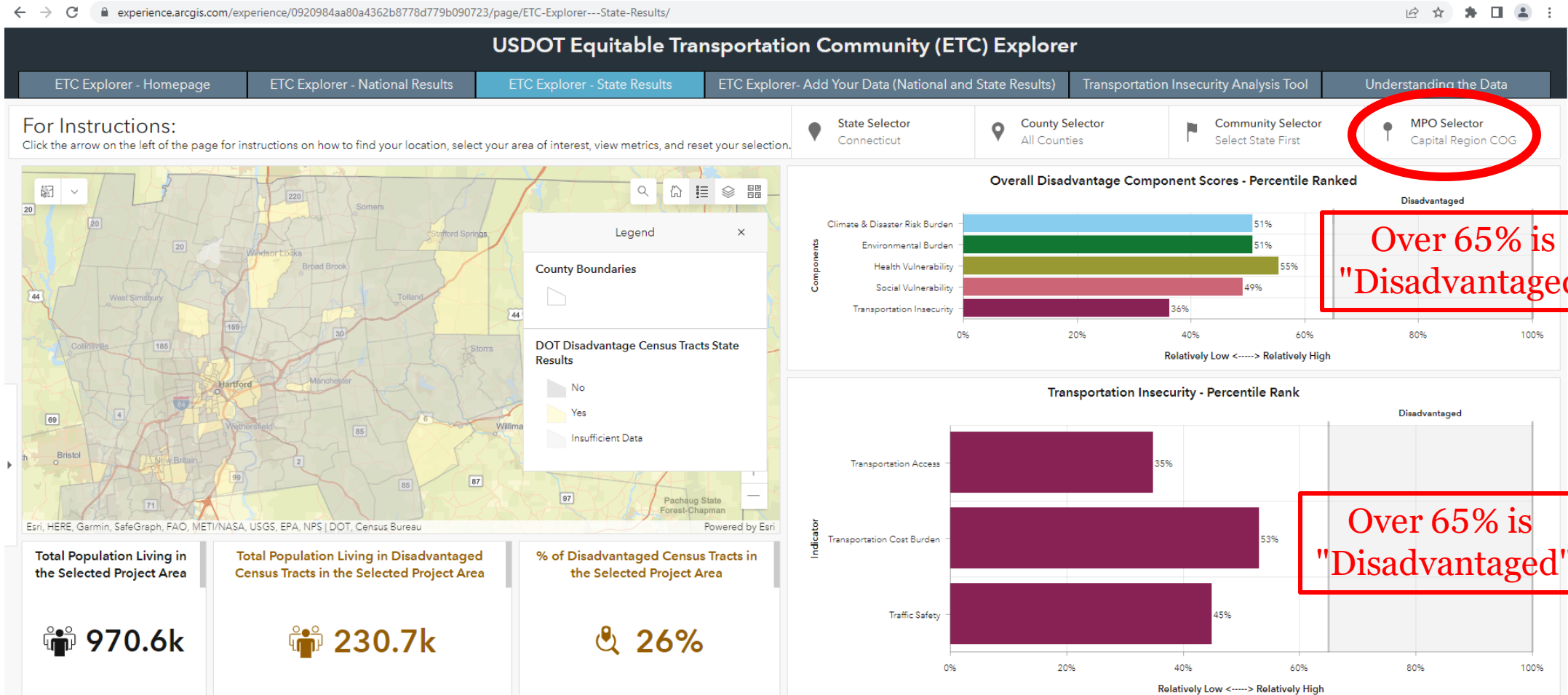
# Implementation Application Requirements

- **Budget**
  - Narrative
    - High-level overview of estimated activity costs
    - Organize by major cost elements
    - Briefly summarize the amount of funding going to each eligible activity:
      - **Type A:** Supplemental Planning
      - **Type B:** Planning, Design, and Development Activities for Projects/Strategies
      - **Type C:** Carrying Out Projects and Strategies
    - Group Funding Sources into 2 categories:
      - Federal Share
      - Non-Federal Share

# Implementation Application Requirements

- **Budget (cont'd)**
  - Indicate Total Federal Funds Allocated to Underserved Communities
    - Use [ETC](#) or [CJEST](#)
  - Indicate costs or value of in-kind match
  - Use **SF-424C**
  - Provide information from the [Supplemental Estimated Budget Worksheet](#) (see **Table 4 in NOFO**)
  - Be consistent with all documents -  
Narrative, SF, Worksheet, ValidEval entries

# U.S. DOT's Equitable Transportation Community (ETC) Explorer





# U.S. DOT's Fatality Analysis Reporting System (FARS)

cdan.dot.gov/query

United States Department of Transportation

NHTSA

Ratings Recalls Risky Driving Road Safety Equipment Technology & Innovation MORE INFO

## Fatality and Injury Reporting System Tool (FIRST)

This query tool allows a user to construct customized queries from the [Fatality Analysis Reporting System \(FARS\)](#) and from the [Crash Report Sampling System \(CRSS\)](#). To view a list of crash Data Elements used on this site [click here](#). To review and open the opening splash screen content [click here](#).  
[Click here](#) to find out how U.S. DOT is implementing the **National Roadway Safety Strategy (NRSS)**.

Crashes Vehicles People Drivers Occupants Pedestrians Pedalcyclists

### Select Fatality and/or Injury

- Fatal Motor Vehicle Crashes
- Estimated Injury Only Motor Vehicle Crashes
- Estimated Property-Damage-Only (PDO) Motor Vehicle Crashes
- Estimated Injury and PDO Non-Fatal Motor Vehicle Crashes
- All Motor Vehicle Crashes

\* No Region, State, County or City is available for Injury, PDO, and All crashes data.

### Select Time Frame

Time Frame: Years

Select 2016-2020 or 2017-2021

### Select State or Region

- State
  - Connecticut
  - All Counties
  - Berlin
- NHTSA Region

\* County and City selections are available only when a single State is selected.  
\* Users cannot select both Cities and Counties due to potential overlapping boundaries.

### Sample Queries

Build your own query or setup the panels on the left by clicking any of the 122 queries below and clicking the Submit button at the bottom of Current Criteria section to run it. To search by Query number, use "#" before number (i.e. #200) in Search areas.

Search Crashes X Search all Topics X

- Fatal Crashes by State and Month; 2021 (#100)
- Fatal Crashes by Atmospheric Conditions and Light Condition; 2017-2021 (#101)
- Fatal Crashes by Crash Type and Relationship to the Road; 2017-2021 (#102)
- Fatal Crashes by State and Year; 2020, 2021 (#103)
- Fatal Crashes by State and First Harmful Event (FHE); 2021 (#104)
- Fatal Crashes by State and Roadway Function Class; 2021 (#105)
- Fatal Crashes by Year and Month; 2008-2021 (#106)
- Police-Reported Crashes by Year, Time of the Day and Crash Severity; 2017-2021 (#107)
- California Fatal Crashes by Year and Highest Police PAC Is Crash; 2008-2021 (#108)

### Related Publications for Crashes

# U.S. DOT's Fatality Analysis Reporting System (FARS)

National Highway Traffic Safety Administration (NHTSA) Motor Vehicle Crash Data Querying and Reporting

Fatal Motor Vehicle Crashes  
State: *Connecticut* and City: *Berlin*  
Years: *2017-2021*

## Fatal Motor Vehicle Crashes<sup>1</sup>

Note: Click the link within a table cell to view those records on a web map

Crash Date (Year)	Crash Date (Month)						Total
	April	June	August	September	October	November	
2017	0	<a href="#">1</a>	0	0	0	<a href="#">1</a>	<a href="#">2</a>
2019	0	0	0	0	<a href="#">2</a>	0	<a href="#">2</a>
2021	<a href="#">1</a>	0	<a href="#">1</a>	<a href="#">1</a>	0	<a href="#">2</a>	<a href="#">5</a>
<b>Total</b>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">9</a>

Download Report: [pdf](#) -- [rtf](#) -- [Excel](#) (Important: Excel is in the HTML format and therefore needs to be saved as an xls/xlsx file once opened in Excel)

Data Sources:

<sup>1</sup>[Fatality Analysis Reporting System \(FARS\): 2017-2020 Final File and 2021 Annual Report File \(ARF\)](#)

Report Generated: Friday, May 5, 2023 (1:49:11 PM)

VERSION 5.5, RELEASED APR 03, 2023

Link to Fatality and Injury Reporting System Tool to view FARS data:  
<https://cdan.dot.gov/query>

# Calculating Total Average Annual Fatality Rate

- **Calculating Total Average Annual Fatality Rate (per 100,000 population):**

To calculate the fatality rate per 100,000, use the following equation:

$$\left( \frac{\text{Total Number of Vehicle Crashes/5}}{\text{Jurisdiction Population \#}} \right) * 100,000 =$$

# Schedule and Next Steps

*Applications are due by 5 pm on Monday, July 10, submitted through ValidEval.*

May							June							July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24							
28	29	30	31				25	26	27	28	29	30								

Just under 9 weeks remaining

May 23 – deadline for Municipalities to submit to CRCOG requests for Letter(s) of Support from CTDOT

May 29 – Memorial Day Holiday

May 30 – deadline for CRCOG to submit requests for Letter(s) of Support from CTDOT

June 26 – CTDOT provides Letter(s) of Support

July 4 – Independence Day Holiday

July 10, 5 pm – application deadline

Let CRCOG know how we can help – maps, data collection, review application materials, etc.

# Questions

?



**Thank**

**You.**



# How CROG can help

Complete the mandatory **Self-Certification Eligibility Worksheet** certifying the RTSP as a qualifying Action Plan.

Obtain data and prepare calculations for inclusion in the application, such as:

- Calculating Percentage of Population in Underserved Communities
- Calculating Average Annual Fatality Rate(s)

Prepare locational and site-specific maps of project area(s)

Assist with writing and/or reviewing applications; Narrative Template; Application Checklists

Prepare and/or coordinate preparation of the following Letters of Support from:

- CROG
- CTDOT, required if the project or strategy involves a state right-of-way.
- Connecticut Bipartisan Infrastructure Law Team (CTBILT)

## Safe Streets and Roads for All Self-Certification Eligibility Worksheet

Applicants should follow the instructions in the NOFO to correctly apply for a grant. See the [SS4A website](#) for more information.

**Instructions:** The purpose of this worksheet is to determine whether an applicant's existing plan(s) is substantially similar to an Action Plan for purposes of applying for an Implementation Grant or to conduct Supplemental Planning/Demonstration Activities only. Use of this worksheet is required. Applicants should not adjust the formatting or headings of the worksheet.

For each question below, answer "yes" or "no." If "yes," cite the specific page in your existing Action Plan or other plan(s) that corroborate your response, or cite and provide other supporting documentation separately.

An applicant is eligible to apply for an Action Plan Grant that funds supplemental action plan activities, or an Implementation Grant, only if the following two conditions are met:

- Answer "yes" to Questions 1, 2, 3, 4, 5, 6, 7, 8
- Answer "yes" to at least four of the six remaining Questions 1, 2, 3, 4, 5, 6, 8

If both conditions are not met, an applicant is still eligible to apply for an Action Plan Grant that funds creation of a new Action Plan.

Lead Applicant: \_\_\_\_\_ UE: \_\_\_\_\_

1. Are both of the following true?
- Did a high-ranking official and/or governing body in the jurisdiction publicly commit to an eventual goal of zero roadway fatalities and serious injuries?
  - Did the commitment include either setting a target date to reach zero, OR setting one or more targets to achieve significant declines in roadway fatalities and serious injuries by a specific date?
2. To develop the Action Plan, was a committee, task force, implementation group, or similar body established and charged with the plan's development, implementation, and monitoring?
3. Does the Action Plan include all of the following?
- Analysis of existing conditions and historical trends to baseline the level of crashes involving fatalities and serious injuries across a jurisdiction, locality, tribe, or region;
  - Analysis of the location where there are crashes, the severity, as well as contributing factors and crash types;
  - Analysis of systemic and specific safety needs is also performed, as needed (e.g., high risk road features, specific safety needs of relevant road users); and,
  - A geospatial identification (geographic or locational data using maps) of higher risk locations.

## Safe Streets and Roads for All Self-Certification Eligibility Worksheet

4. Did the Action Plan development include all of the following activities?
- Engagement with the public and relevant stakeholders, including the private sector and community groups;
  - Incorporation of information received from the engagement and collaboration into the plan; and
  - Coordination that included inter- and intra-governmental cooperation and collaboration, as appropriate.
5. Did the Action Plan development include all of the following?
- Considerations of equity using inclusive and representative processes;
  - The identification of underserved communities through data; and
  - Equity analysis, in collaboration with appropriate partners, focused on initial equity impact assessments of the proposed projects and strategies, and population characteristics.
6. Are both of the following true?
- The plan development included an assessment of current policies, plans, guidelines, and/or standards to identify opportunities to improve how processes prioritize safety; and
  - The plan discusses implementation through the adoption of revised or new policies, guidelines, and/or standards.
7. Does the plan identify a comprehensive set of projects and strategies to address the safety problems in the Action Plan, time ranges when projects and strategies will be deployed, and explain project prioritization criteria?
8. Does the plan include all of the following?
- A description of how progress will be measured over time that includes, at a minimum, outcome data.
  - The plan is posted publicly online.
9. Was the plan finalized and/or last updated between 2018 and June 2023?