

Welcome! We'll begin soon.

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SS4A September Community of Practice Meeting: Safe System Approach Panel Discussion

September 27, 2024



U.S. Department of Transportation
Federal Highway Administration

ZERO IS OUR GOAL
A SAFE SYSTEM IS HOW WE GET THERE

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Today's Speakers

Host



Meg Miller

SS4A Program Manager
Office of Safety, FHWA

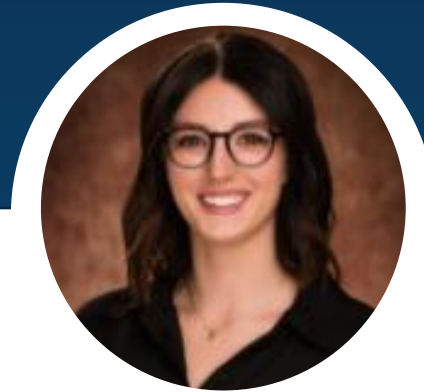
Moderator



Jessica Rich

SS4A Program Manager
Office of Safety, FHWA

Panelist



Makenna Shaw

Assistant to the City Manager
City of Castle Pines, CO

Panelist



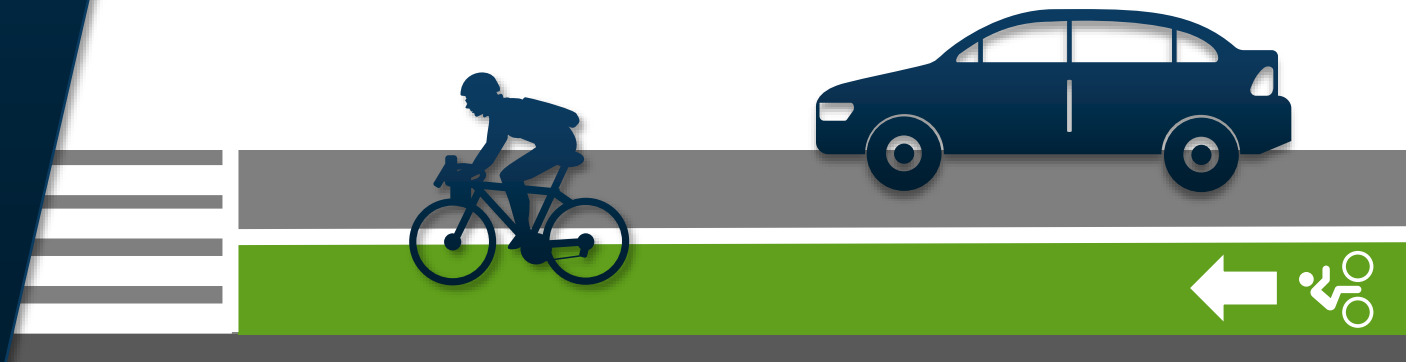
Michael Manzella

Director of Transportation Planning
City of Jersey City, NJ



Today's Agenda

-  1. Welcome
-  2. Technical Assistance Center Updates
-  3. Safe System Approach Panel Discussion and Q&A
-  4. Next Steps





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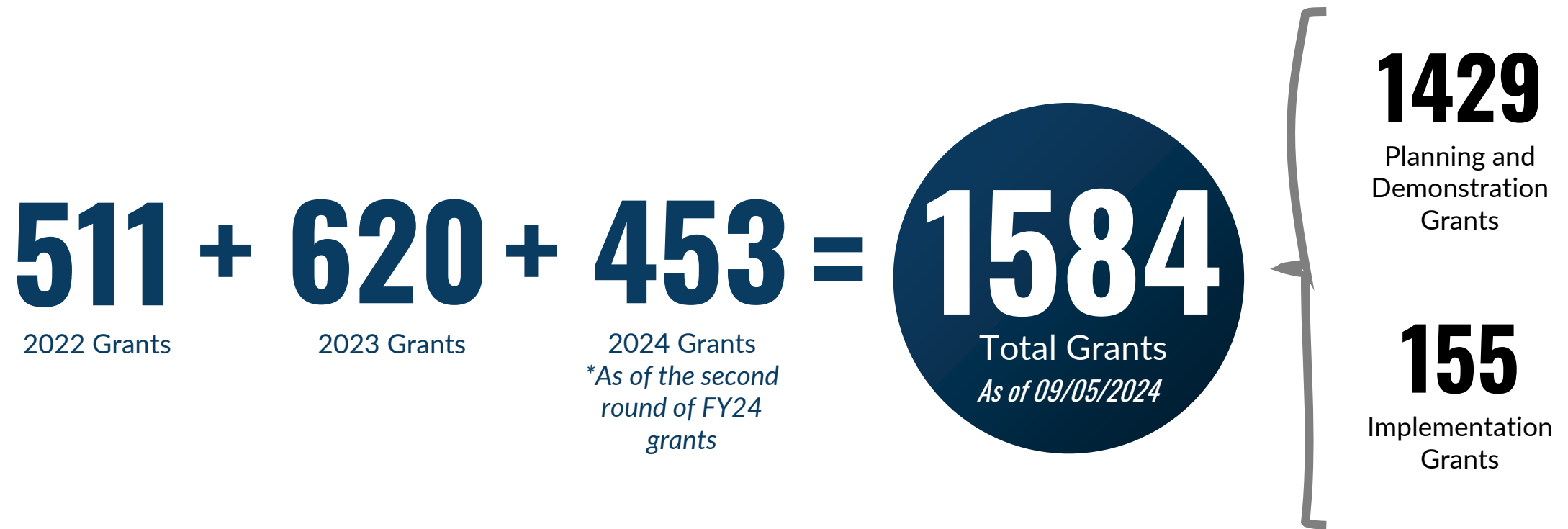
Welcome



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SS4A Grant Recipient Totals



Technical Assistance Center Updates

The SS4A Technical Assistance Center (TAC) is part of the broader grant program and provides information and educational resources for SS4A grant recipients.



Clearinghouse Website

<https://www.ss4aclearinghouse.org/>

Provides a resource library and other technical assistance resources. You can find:

- Past trainings and webinars
- Searchable resource library
- CoP meeting materials
- FAQs, and more



One-on-One Assistance

[Request assistance using this form.](#)

Provides one-on-one support with a transportation expert to discuss roadway safety challenges as you work through your safety project. For example, you can request support on your:

- Data collection and analysis,
- Public engagement strategies,
- Project prioritization, and more





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The Safe System Approach - Recap



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Safe System Approach

Zero roadway fatalities is our goal.
A Safe System is how we will get there.

The Safe System approach aims to eliminate fatal and serious injuries for all road users by:



Accommodating human mistakes



Keeping impacts on the human body at tolerable levels



Source: [Zero Deaths and Safe System | FHWA \(dot.gov\)](#)

Safe System Approach

6 Principles



Source: [Zero Deaths and Safe System | FHWA \(dot.gov\)](#)

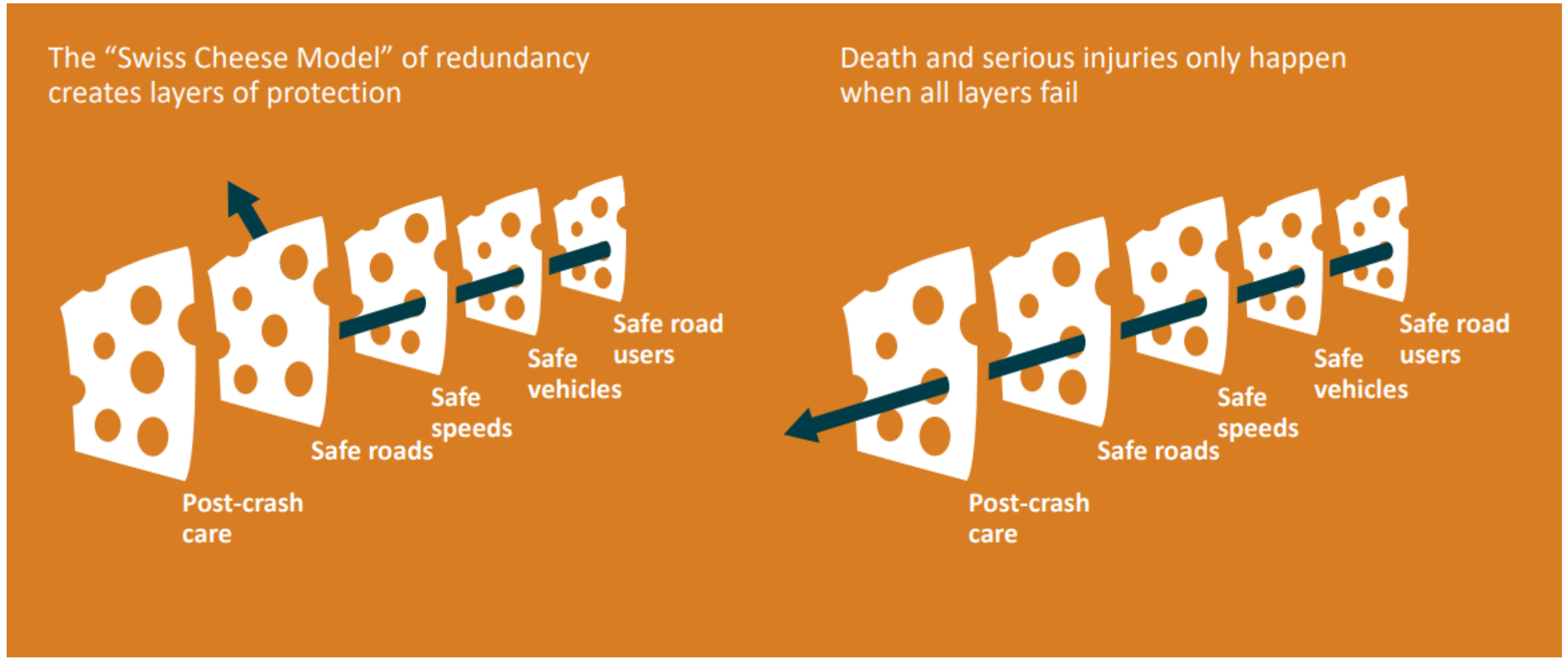
Safe System Approach

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Elements



Source: [Zero Deaths and Safe System | FHWA \(dot.gov\)](https://www.fhwa.dot.gov/zero-deaths/)

Supporting the Safe System Approach



Adapted from James Reason's model for analyzing accident causation
<https://royalsocietypublishing.org/doi/10.1098/rstb.1990.0090>

Safe System Approach Principles and Action Plans Work Together

Action Plan	1. Leadership Commitment and Goal Setting	2. Planning Structure	3. Safety Analysis	4. Engagement and Collaboration	5. Policy and Process Change	6. Strategy and Project Selection	7. Progress and Transparency
Safe System Approach Principles	Death and Serious Injuries are Unacceptable	Responsibility is Shared	Death and Serious Injuries are Unacceptable	Responsibility is Shared	Safety is Proactive	Safety is Proactive	Responsibility is Shared
	Responsibility is Shared	Humans Make Mistakes	Safety is Proactive	Humans are Vulnerable	Redundancy is Crucial	Redundancy is Crucial	Death and Serious Injuries are Unacceptable



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Panel Discussion



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Discussion Topic #1

Panelist Introductions

1. Can you provide an overview of your SS4A project (purpose, unique safety considerations, etc.)?
2. How did you communicate the importance of the Safe System Approach to those involved in your respective Safety Plans?

Profile: City of Castle Pines

Timeframe

- 2018 - 2022

Key Crash Statistics

- 239 reported crashes
- 178 crashes during daylight conditions
- Rearend crashes were the most frequent

Contributing Factors

- Majority of crashes occurred on collector or arterial roads
- More than half of those crashes occurred on a road with a posted speed of 40 miles/hour

Unique Safety Considerations

- 37 crashes involved a wild animal or a fixed object such as a fence, sign, debris, parked car, or curb
- Majority of crashes are at intersections

SS4A Project Purpose

- Analyze crash data to identify trends and hot spots for crashes
- Identify areas where future crashes are likely and select corresponding data-driven countermeasures
- Engage community members to better understand transportation safety needs, concerns, and priorities



Profile: City of Jersey City

Timeframe

- 2019 - 2024

Key Crash Statistics

- 140 reported crashes, but number fluctuated each year
- Prior to adoption of the Vision Zero Action Plan (2008-2017), an average of 9 roadway deaths and 20 serious injuries per year
- Majority of deaths and serious injuries were to pedestrians
- In 2022, zero roadway fatalities on streets under City jurisdiction

Contributing Factors

- Less reliant on motor vehicles for everyday transportation than most communities

Unique Safety Considerations

- Creating inclusive roadway safety strategies to account for diverse backgrounds and economic statuses

SS4A Project Purpose

- Promote a culture of safety
- Coordinate enforcement, law, and policy
- Use technology to collect data on roadway safety issues to update Vision Zero Action Plan and advance action items
- Create annual reports to track and report on progress

Discussion Topic #2

Safe System Approach: Tools and Resources

Through the lens of the Safe System Approach, what was your approach to analyzing your data and what data sources did you use?

Discussion Topic #3

Safe System Approach: In Practice

1. How did you engage stakeholder groups? Who were the partners you collaborated with? What strategies and activities did you use to encourage public engagement?
2. Have you been able to update your policies, guidelines, and/or standards to better reflect your prioritization of the Safe System Approach elements (safe speeds, safe road users, safe vehicles, etc.)? If so, how did you make that happen?
3. How do you plan to build and promote a “Safety Culture” in your community? What groups do you plan to engage with to help continue to build and maintain a safety culture? How will your planned strategies and projects help account for human mistakes?

Question

&

Answer



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Next Steps



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Next Steps



A dark blue background featuring silhouettes of several people sitting around a long table in a meeting room, with large windows in the background.

Questions?

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For any questions following the webinar, please reach out to the FHWA POC for your grant. If you need help identifying this POC, please contact the **SS4A Team** at: SS4A.FHWA@dot.gov



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Safe Streets and Roads for All

September 27, 2024

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Thank you!

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