



Comprehensive Safety Action Plan

Board of County Commissioners Meeting

March 3, 2026

Jim Katzer – Department of Public Works and Development

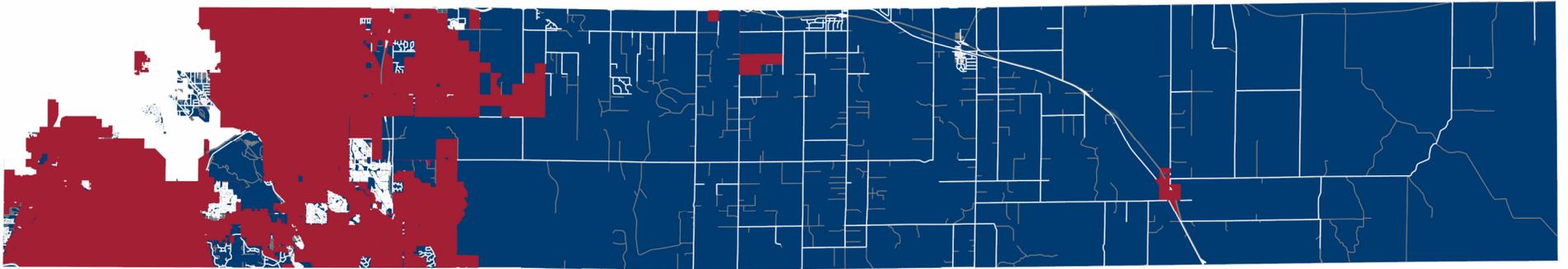
Steven Buckley – Department of Public Works and Development

Mike King – AtkinsRéalis



Agenda

- ▶ Purpose and Overview
- ▶ Project Timeline
- ▶ Public and Stakeholder Engagement
- ▶ Crash Analysis
- ▶ Core Plan Strategies
- ▶ Board of County Commissioners reaffirmation to safety



Purpose and Overview

Overview

The Department of Public Works is developing a Comprehensive Safety Action Plan to **reduce and eliminate serious and fatal crashes** and make travel safer for everyone in the unincorporated areas of the County, guided by the **Safe System Approach**.



Purpose and Overview

Safe Systems Approach

- ▶ **Safer People:** Promote safe, responsible behavior for all travelers.
- ▶ **Safer Roads*:** Design streets that reduce errors and lessen crash severity
- ▶ **Safer Speeds*:** Manage speeds through design, enforcement, and education.
- ▶ **Safer Vehicles:** Support technologies that help prevent crashes and protect all road users.
- ▶ **Post-Crash Care:** Improve emergency response and on-scene safety to increase survivability.

*County has most control over these items



Purpose and Overview

Why Now in Arapahoe County?

- ▶ **Current challenges:** High-risk corridors, population growth, and increasing multimodal needs
- ▶ **Emerging opportunities:** SS4A and other funding programs to advance safety projects
- ▶ **Policy direction:** Builds on the County's Vision Zero commitment and 2040 Transportation Master Plan



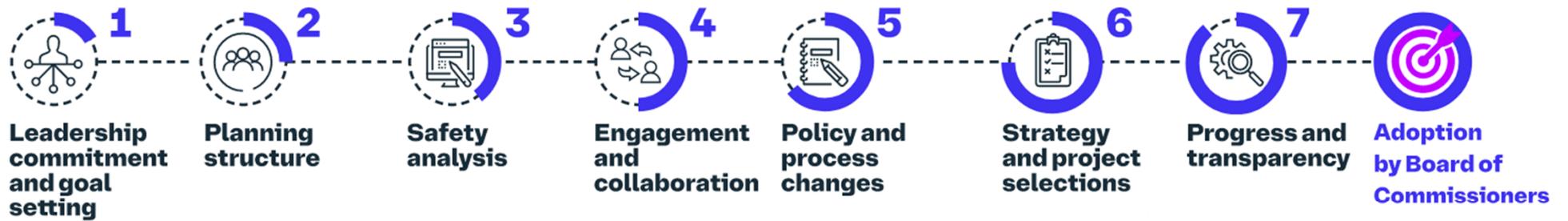
Purpose and Overview

Core Plan Strategies

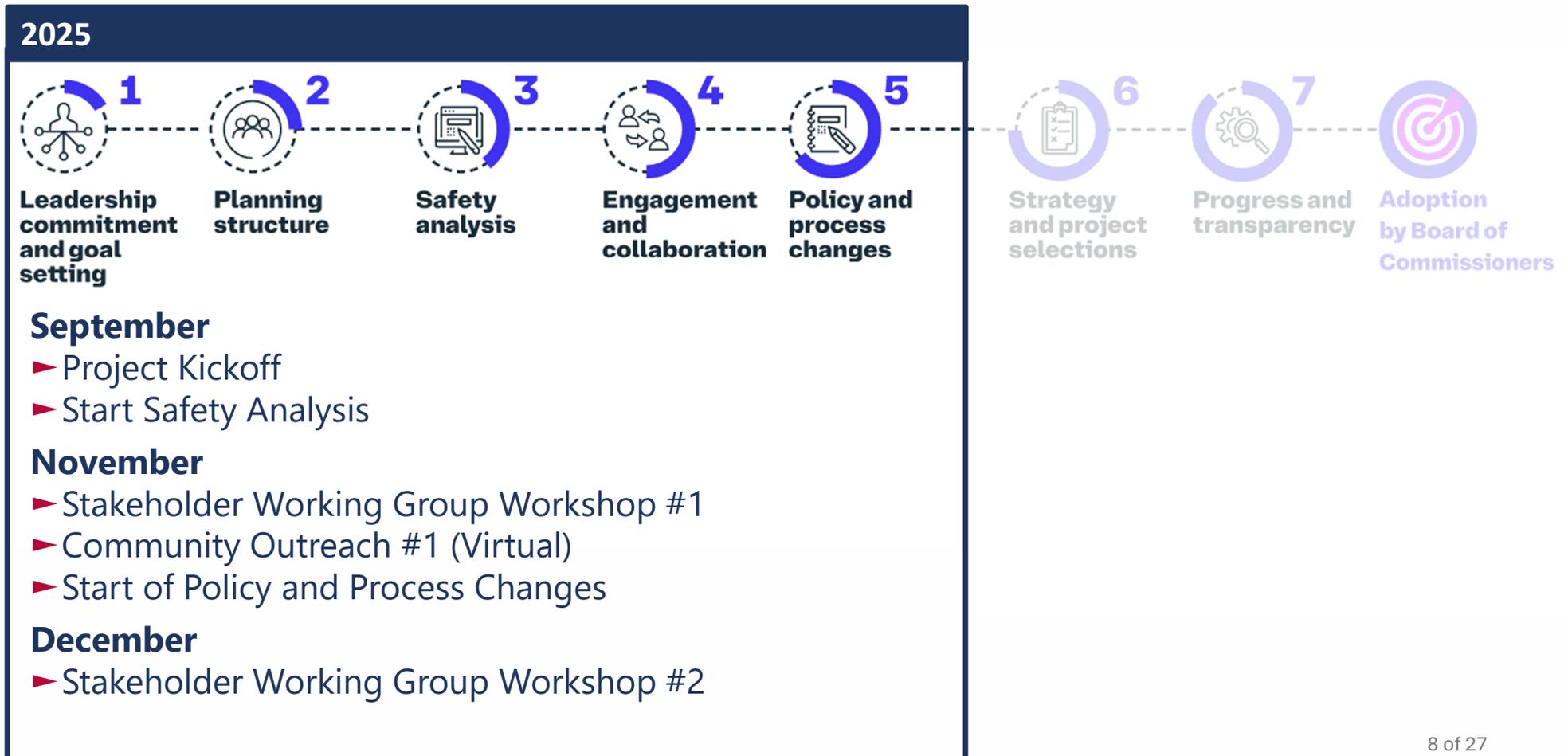
- ▶ **Strategy 1:** Safe System structure
- ▶ **Strategy 2:** Promote a culture of safety
- ▶ **Strategy 3:** Policy & process alignment with the Safe System Approach
- ▶ **Strategy 4:** Strategic project selection for safe streets
- ▶ **Strategy 5:** Progress, transparency and accountability



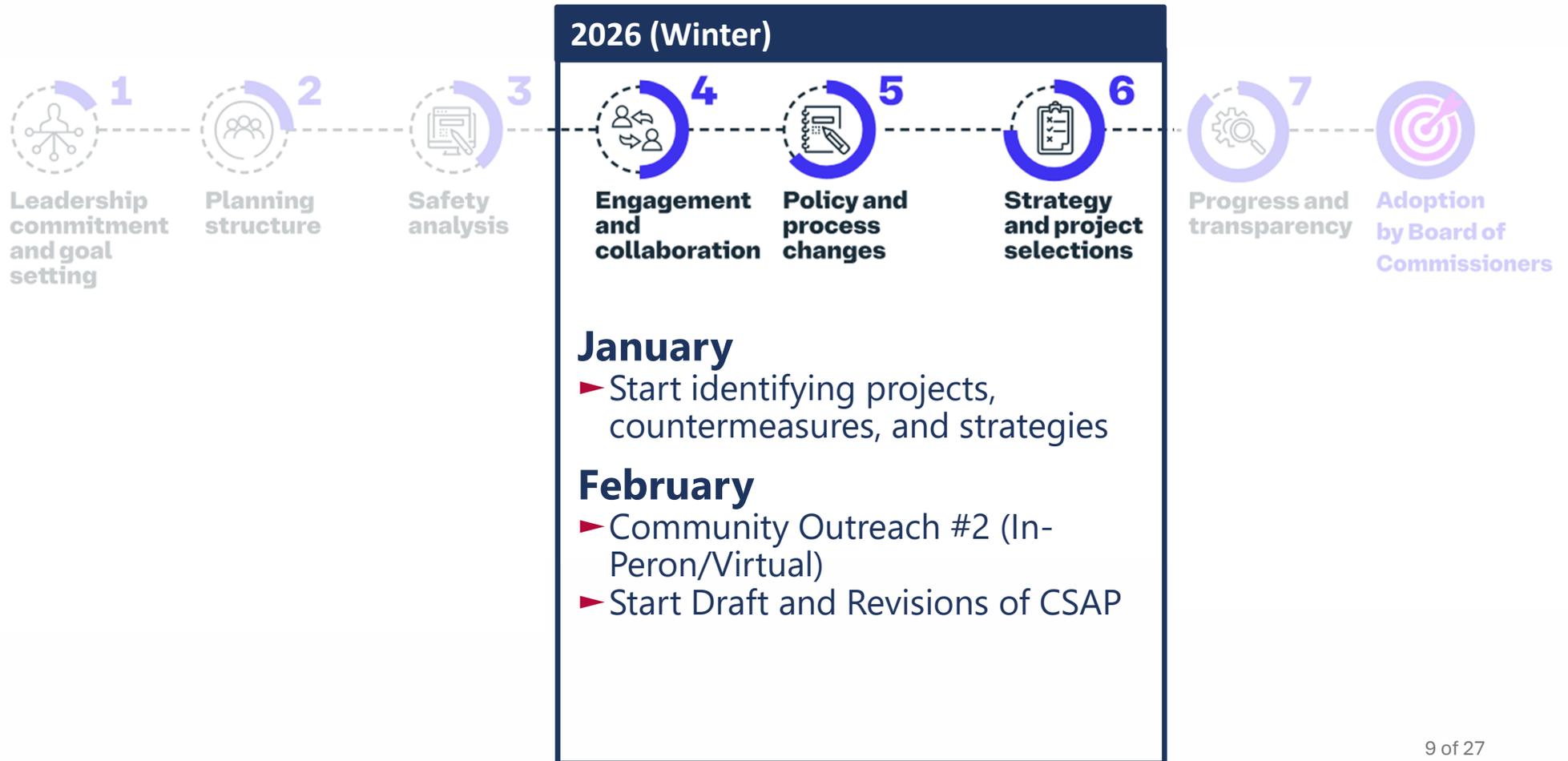
Study Process and Timeline



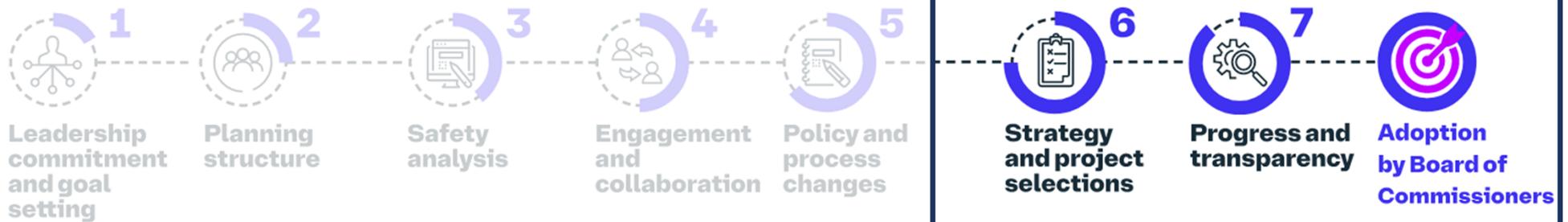
Study Process and Timeline



Study Process and Timeline



Study Process and Timeline



2026 (Spring)

March

- ▶ Study session with BOCC
- ▶ Expected SS4A Grant NOFO Announcement (FHWA)

April

- ▶ Stakeholder Working Group #3
- ▶ Study session with BOCC

May

- ▶ Adoption by Board of Commissioners
- ▶ Expected SS4A Grant Application Submittal

Public and Stakeholder Engagement

Stakeholder Engagement

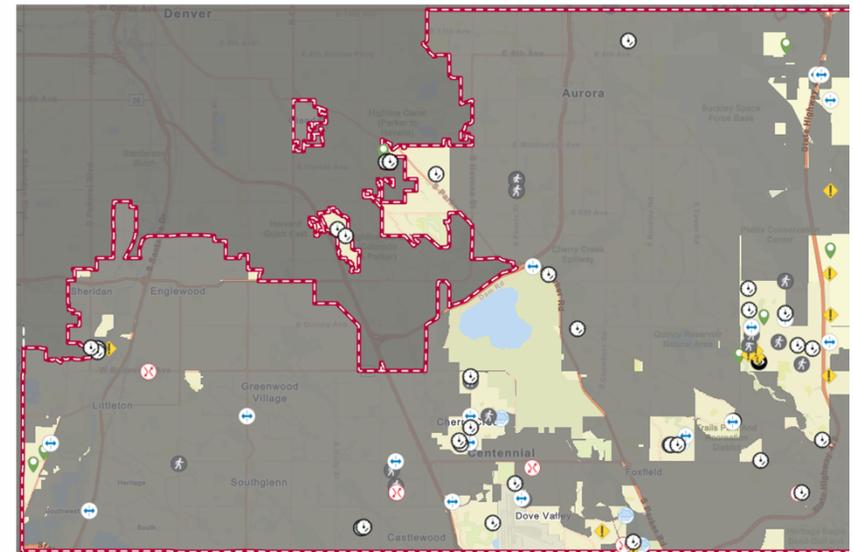
- ▶ Workshop 1: Develop a common vision and shared goals for the CSAP
- ▶ Workshop 2: Identify potential countermeasures for the key safety emphasis areas
- ▶ Workshop 3: Report out on the recommended safety strategies, safety projects, and CSAP

Public Engagement Point #1 - Interactive Online Comment Map

- ▶ Share feedback on safety concerns and ideas for improvement.

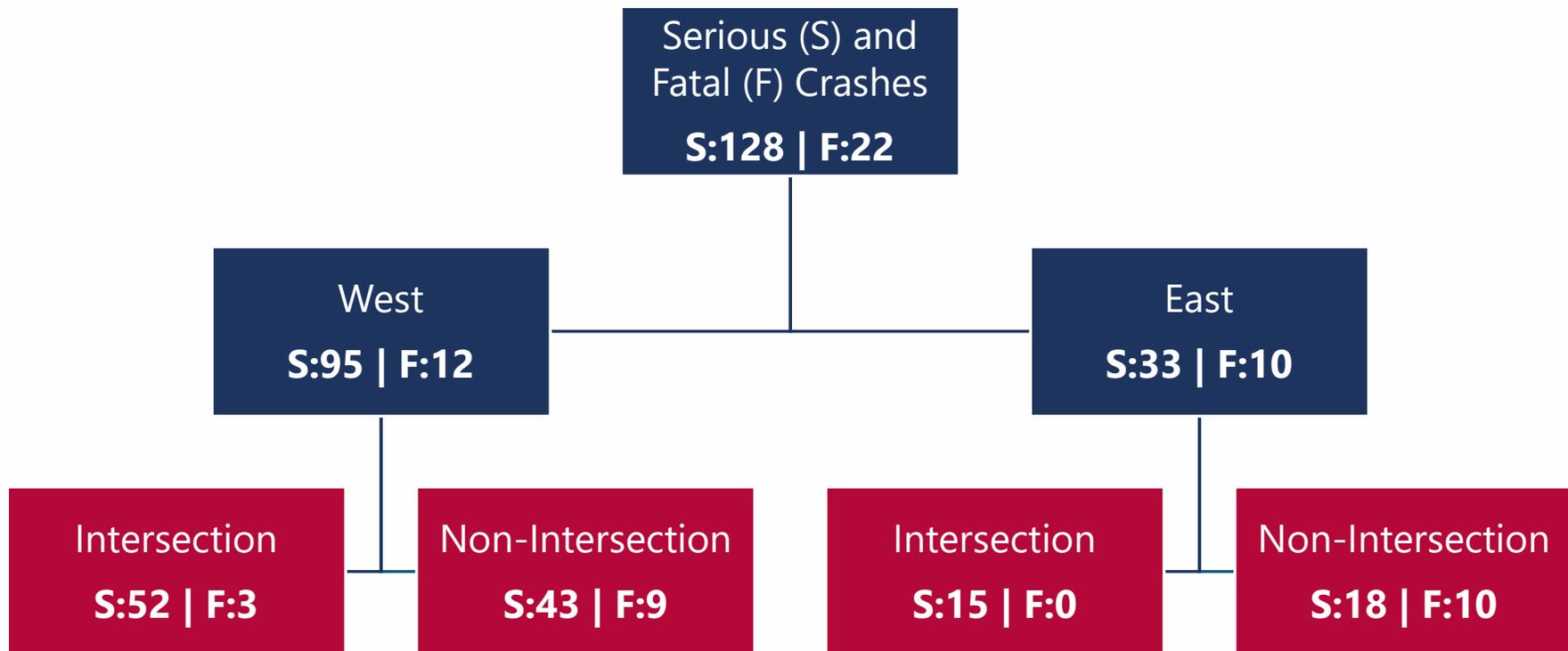
Public Engagement Point #2 - Three In-Person Events

- ▶ Federal Enclave, Four Square Mile, and Byers.



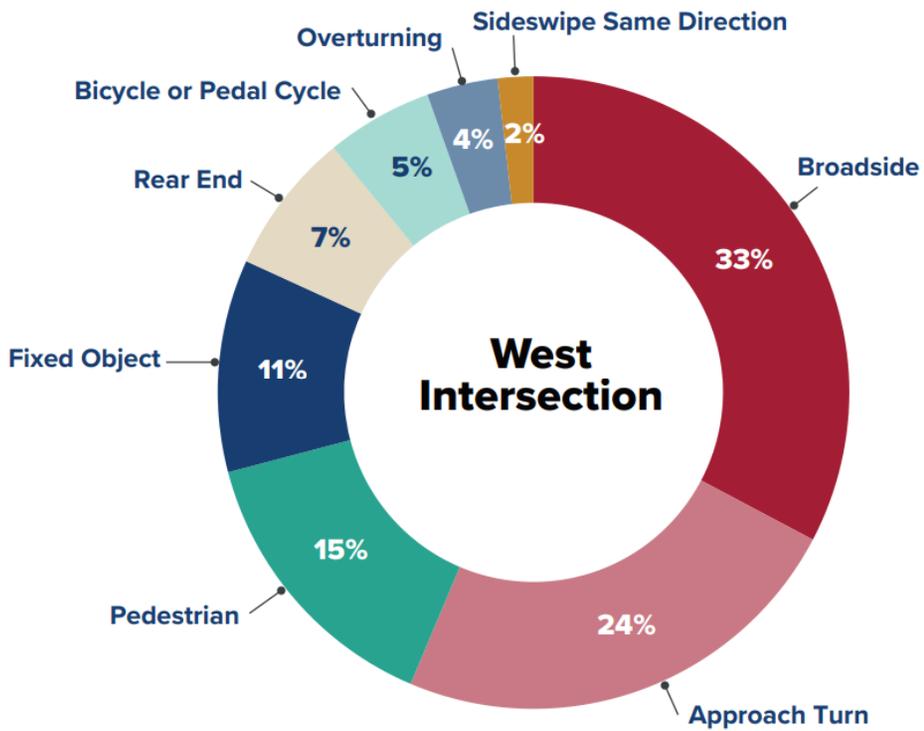
Crash Analysis

Public Works analyzed 7 years of data to determine types of improvements to reduce and eliminate serious (S) and fatal (F) crashes

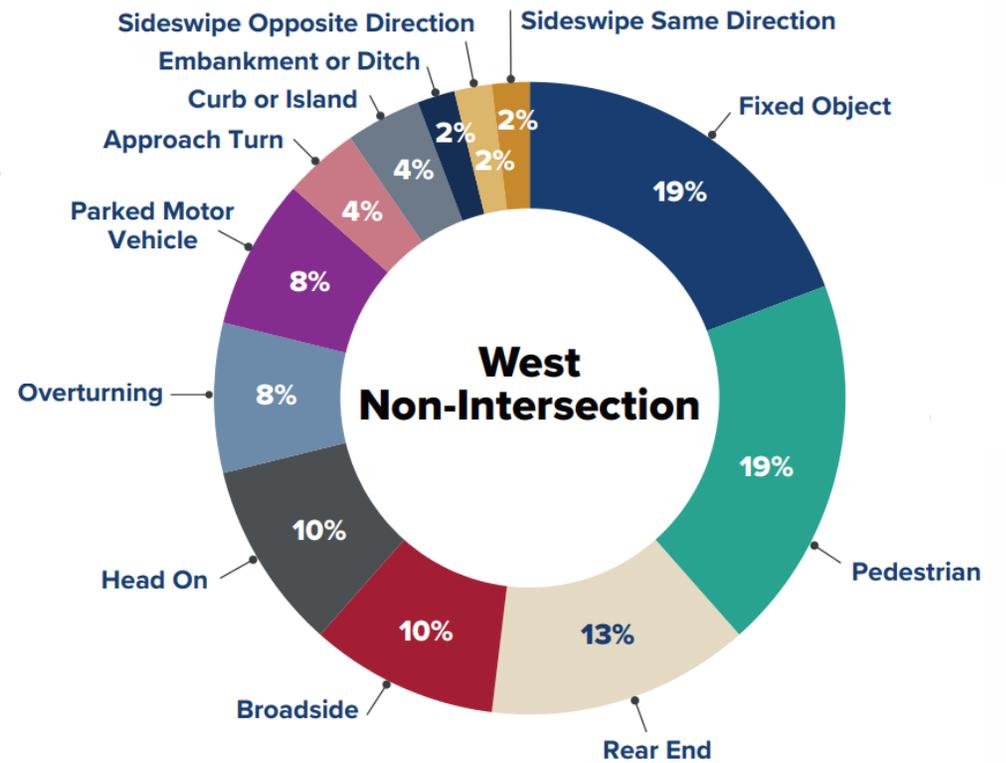


Crash Trends (West)

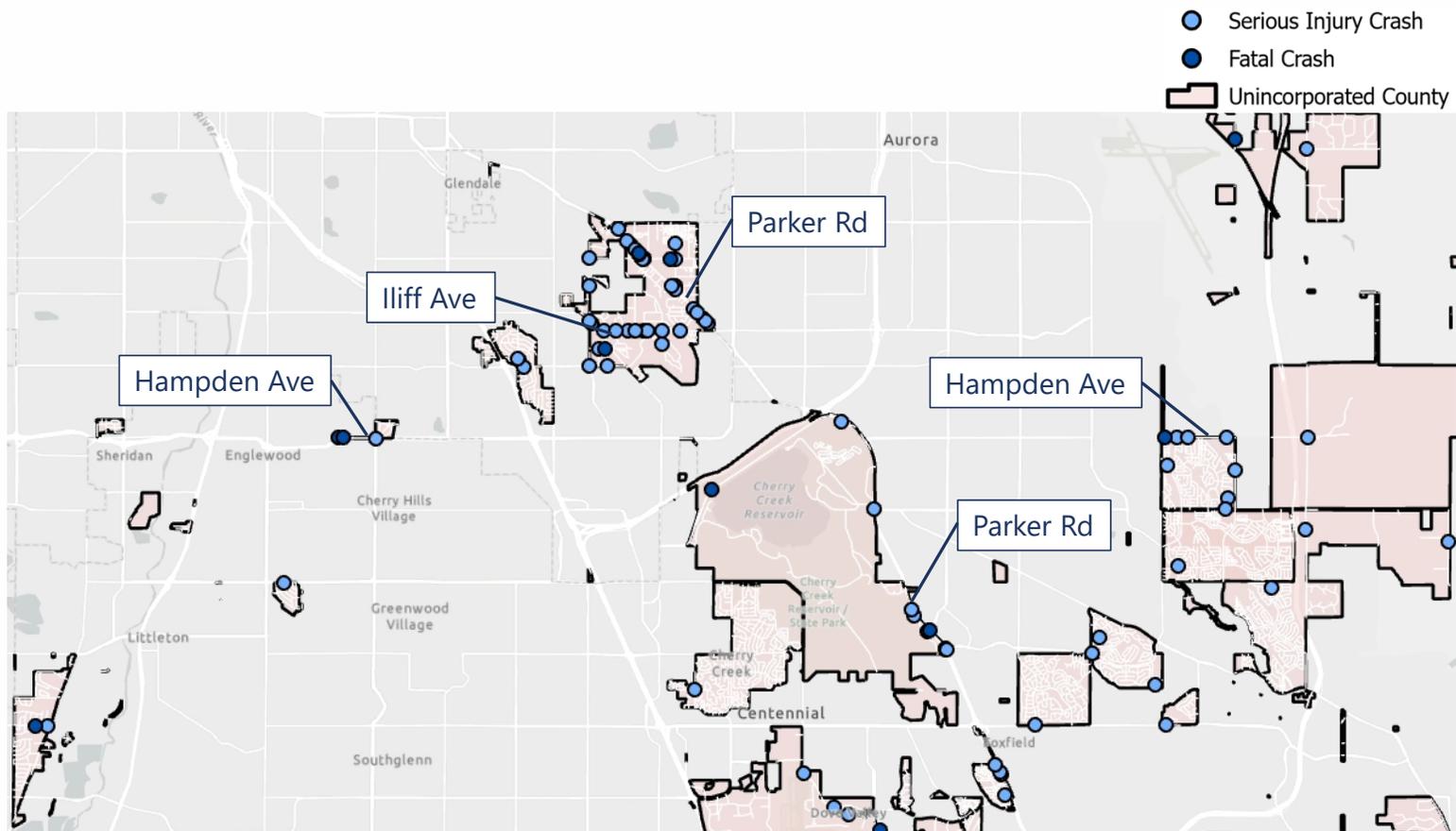
Intersection Crashes (S:52 | F:3)



Non-Intersection Crashes (S:43 | F:9)

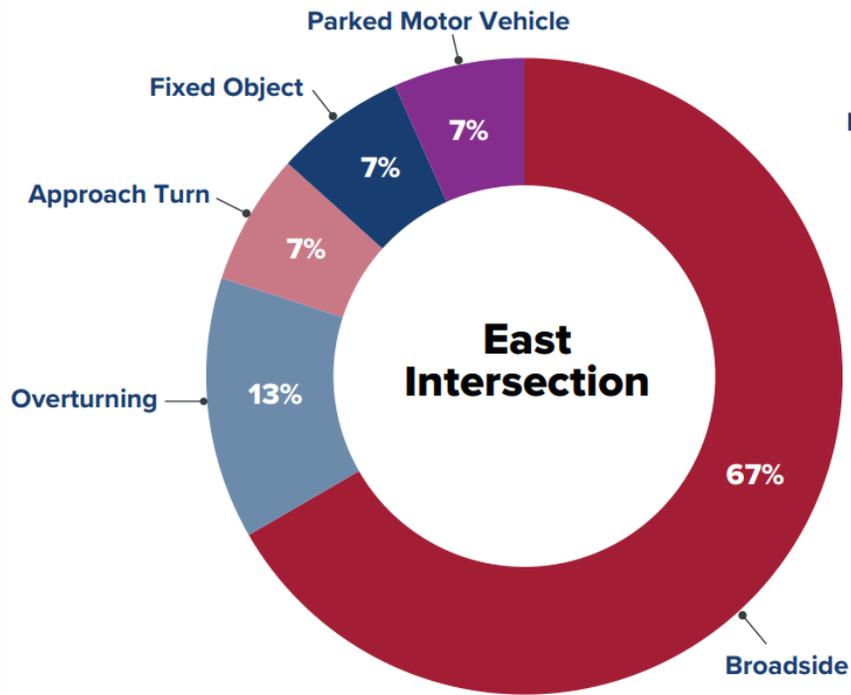


Crash Locations (West)

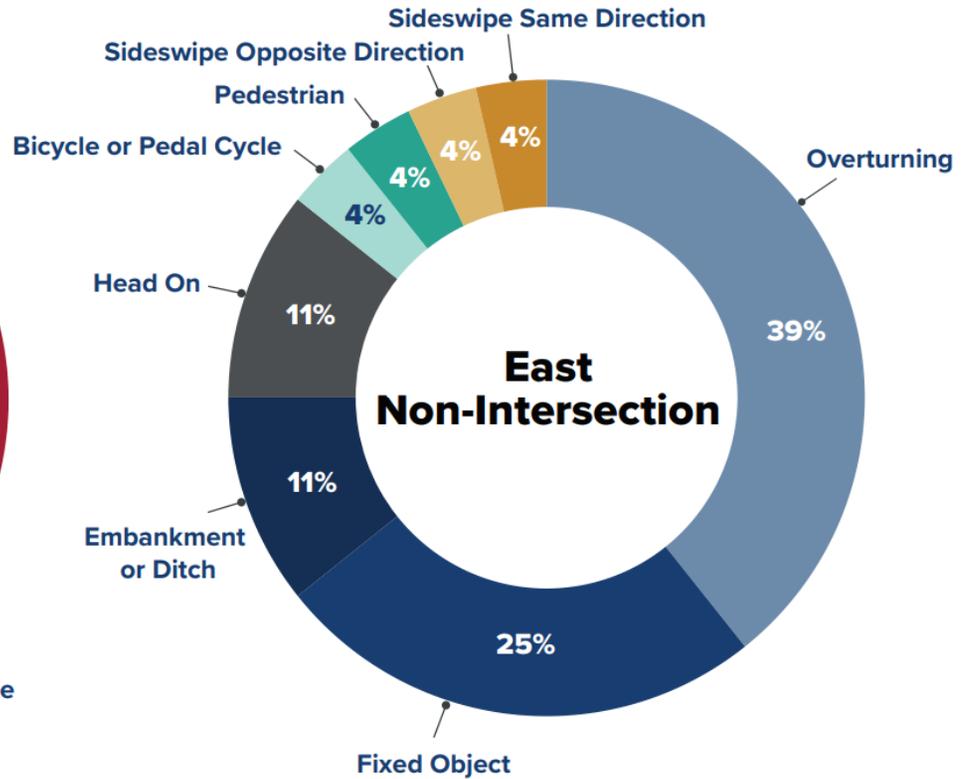


Crash Trends (East)

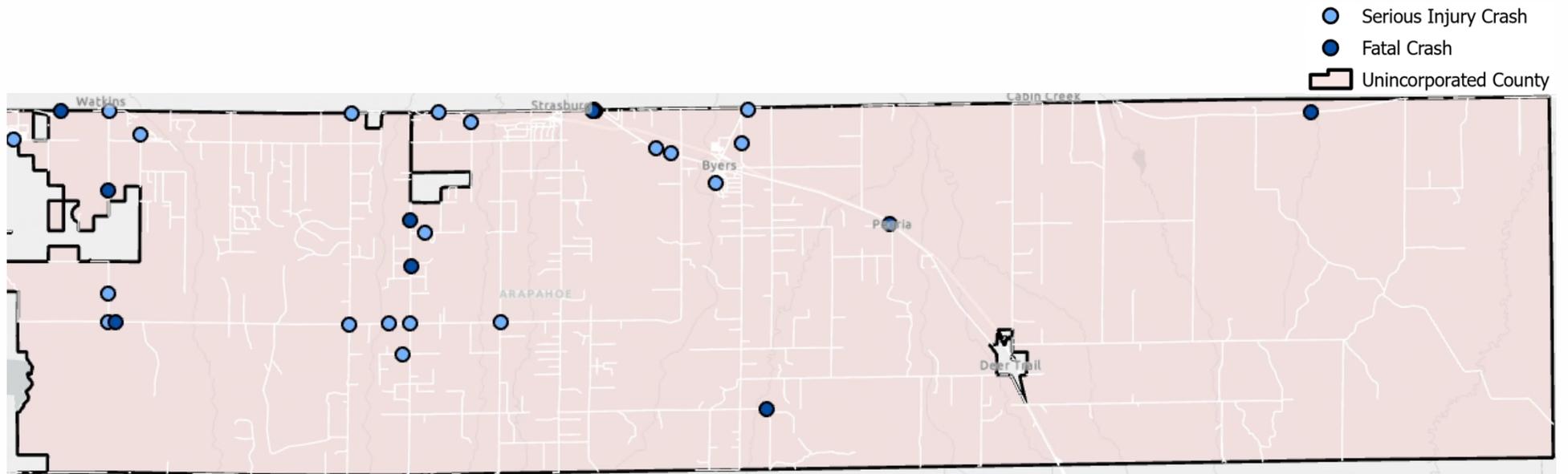
Intersection Crashes (S:15 | F:0)



Non-Intersection Crashes (S:18 | F:10)



Crash Locations (East)



Core Plan Strategies

Core Plan Strategies

- ▶ **Strategy 1:** Safe System structure
- ▶ **Strategy 2:** Promote a culture of safety
- ▶ **Strategy 3:** Policy & process alignment with the Safe System Approach
- ▶ **Strategy 4:** Strategic project selection for safe streets
- ▶ **Strategy 5:** Progress, transparency and accountability



Strategy 1: Safe System Structure

Purpose: Clearly define the internal structure and processes within the County.

Example Actions:

- ▶ **Action 1.1:** Review of existing Public Works programs and align them to Vision Zero and Safe System goals
- ▶ **Action 1.2:** Clearly define the roles and responsibilities of Project Advisory Committee
- ▶ **Action 1.3:** Identify and pursue federal, state, regional, and local funding opportunities

Strategy 2: Promote a Culture of Safety

Purpose: Promote a culture of safety through collaboration, education, and targeted enforcement

Example Actions:

- ▶ **Action 2.1:** Promote transportation safety through public education and consistent Vision Zero messaging
- ▶ **Action 2.2:** Establish a partnership between the Board and CDOT to address CDOT-owned locations identified through the project selection process
- ▶ **Action 2.3:** Schedule quarterly Technical Advisory Committee meetings to gather expert input from external partners, including DRCOG, CDOT, State Patrol, and incorporated cities

Strategy 3: Policy and Process

Purpose: Review, update, and create policies and processes that align with the Safe Systems Approach

Example Actions:

- ▶ **Action 3.1:** Develop an updated speed-setting policy grounded in context-sensitive analysis
- ▶ **Action 3.2:** Revamp the Crash Analysis Program into the Safety Analysis Program to reflect the County's proactive safety focus
- ▶ **Action 3.3:** Develop Uncontrolled Crossing Guidelines

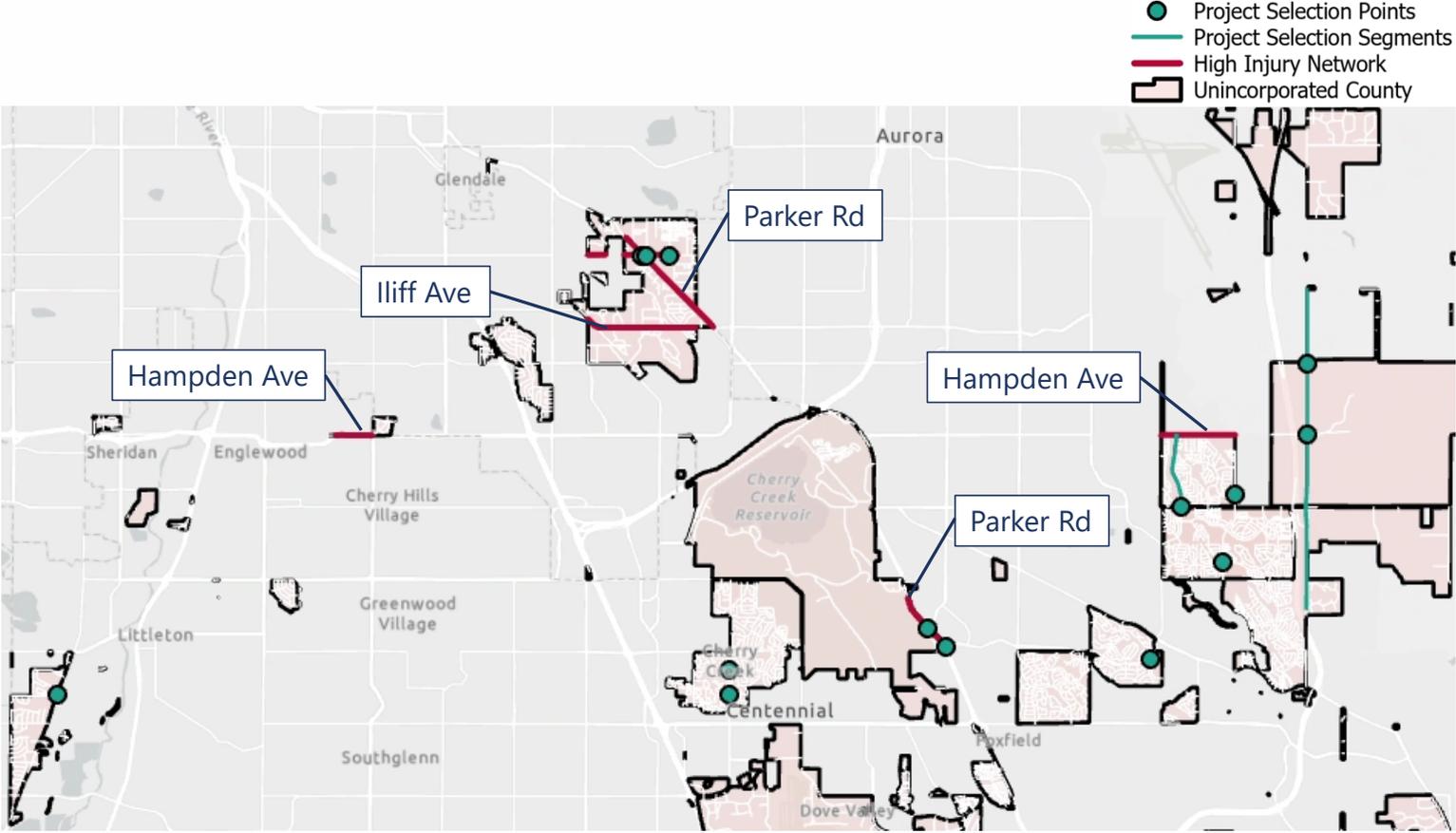
Strategy 4: Strategic Project Selection

Purpose: Implement safety countermeasures directly responding to the crash picture identified in the Safety Analysis

Example Actions:

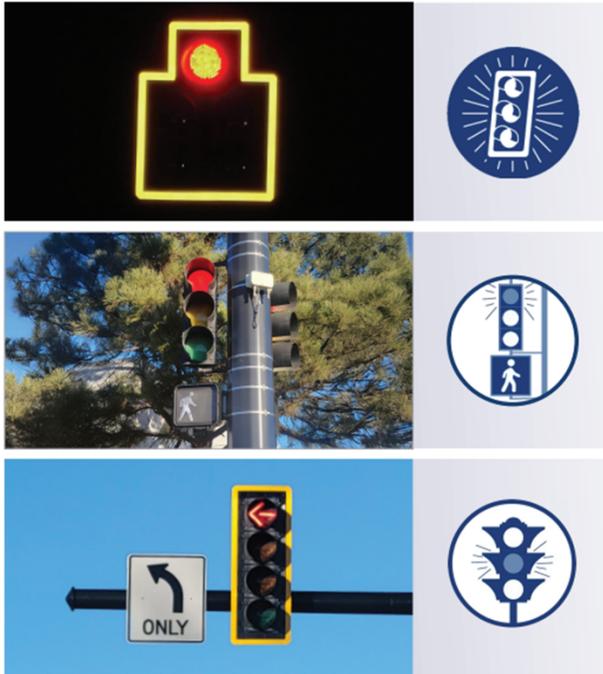
- ▶ **Action 4.1:** Install targeted engineering treatments at a site-specific and high-crash locations and on the High Injury Network
- ▶ **Action 4.2:** Proactively eliminate future crashes through systemic improvements matching the current crash picture
- ▶ **Action 4.3:** Complete all remaining projects identified within Arapahoe County's 2020 Local Road Safety Plan.

Project Locations (West)



Types of Countermeasures (West)

Signal Improvements



Roadway Improvements



Asset Improvements



Types of Countermeasures (East)

Rural Road Improvements



Intersection Visibility Improvements



Strategy 5: Progress and Transparency

Purpose: Track progress of projects, keep BOCC and public up to date on status and success of the Action Plan

Example Actions:

- ▶ **Action 5.1:** Provide biannual updates to the Board of County Commissioners (BOCC) to maintain transparency and alignment.
- ▶ **Action 5.2:** Track progress through quarterly internal reviews and annual public reporting to post on the website.
- ▶ **Action 5.3:** Develop a public dashboard mapping where projects are planned, in progress, and complete as well as mapping where serious and fatal crashes have occurred

BOCC Reaffirmation to Safety

“Arapahoe County commits to the goal of zero serious injuries and fatalities on roads within the unincorporated county by #### through completing the strategies identified in the 2026 Comprehensive Action Plan while advocating for our partners and other stakeholders to adopt the Safe Systems Approach principals.”