

Roadway Safety Action Plan

Transportation Commission

August 19, 2026



AGENDA

1. Safety Moment
2. Project Overview
3. Crash Facts
4. Focus Areas
5. Public Engagement



01 Safety Moment

Safety Moment

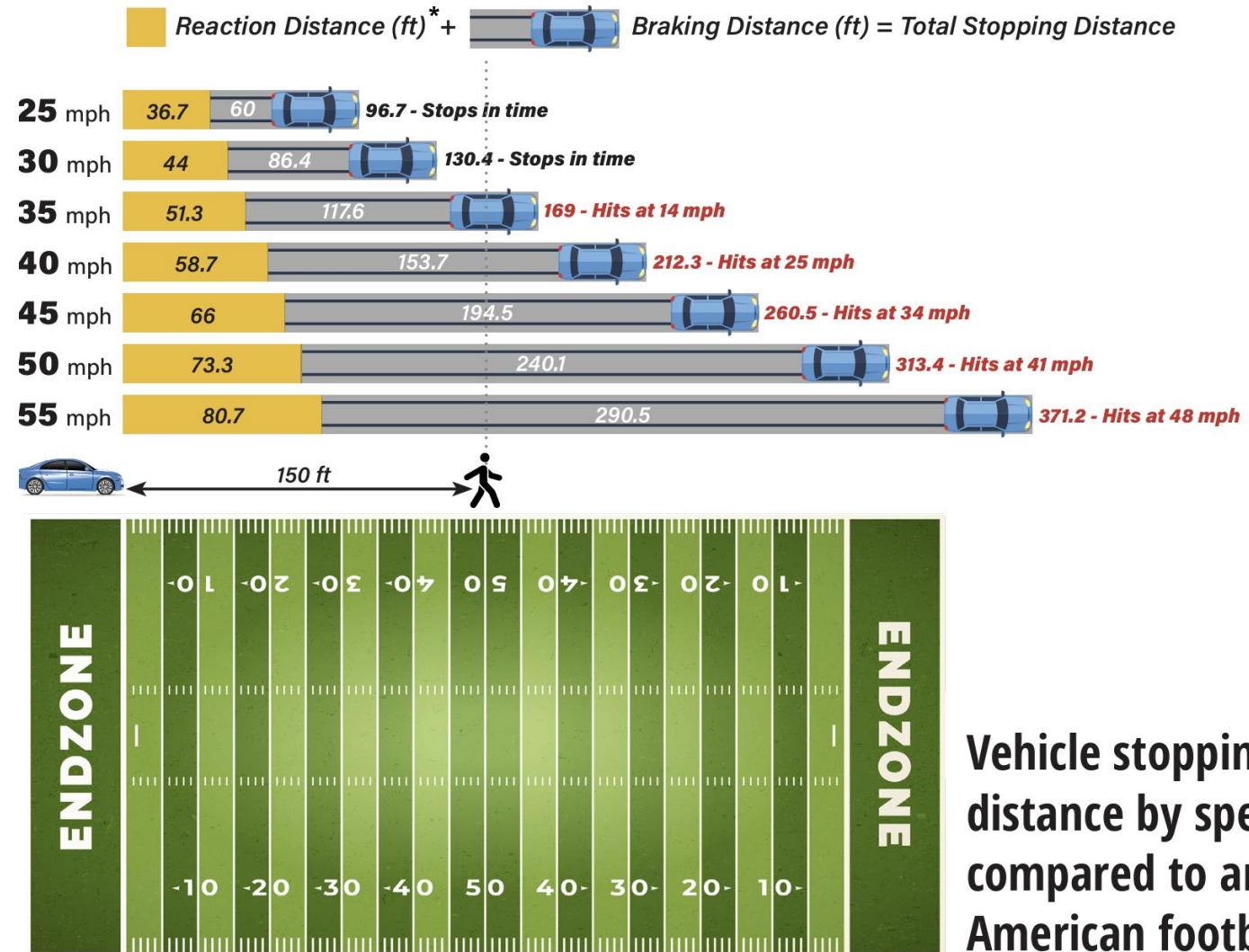
Safer Speeds Save Lives

Kinetic energy increases dramatically with speed. Higher speeds mean greater impact forces and greater risk of severe injury or death.



Drive the Speed Limit

Lower speeds give you more time to react and reduce the severity of a crash.



02 Project Overview

SS4A Program Overview

$\frac{S}{4} | \frac{S}{A}$ Safe Streets and
Roads For All

- USDOT Grant Program
- Focuses on reducing fatalities and serious injuries
- Uses the **Safe System Approach** to improve safety for all road users
- Positions Chandler to pursue future implementation grants
- The Chandler RSAP will be completed and adopted in time to position the City for the 2028 Spring cycle



What is the RSAP?

- \$700,000 total project investment, including the City's 20% local match
- Develop a comprehensive Roadway Safety Action Plan
- Covers all users — people walking, bicycling, driving, and taking transit

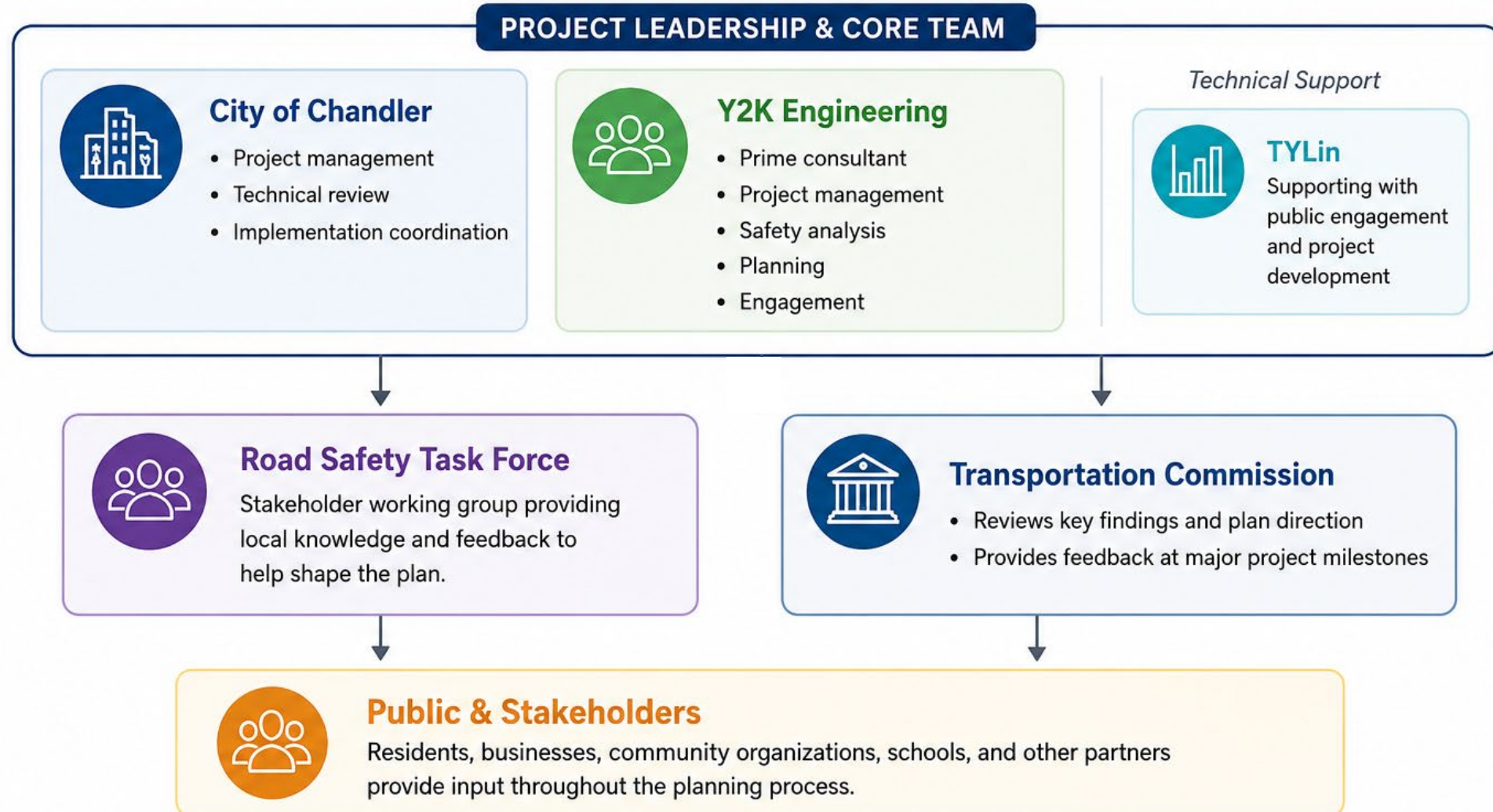
Elements of the Plan

Source: USDOT



Project Team and Engagement Structure

Working together to create a safer transportation system in Chandler.



03 Crash Facts

Five-Year Crash Analysis (2021-2025)

ALL CRASHES

16,236

Total Crashes



79%

Occurred at
Intersections/
Interchanges



21%

Left-Turn
Crash Type



KSI CRASHES

356

Serious Injury (SI) Crashes



74

Fatal (K) Crashes



25%

Involved People Driving
Motorcycles



10%

Involved People
Walking



6%

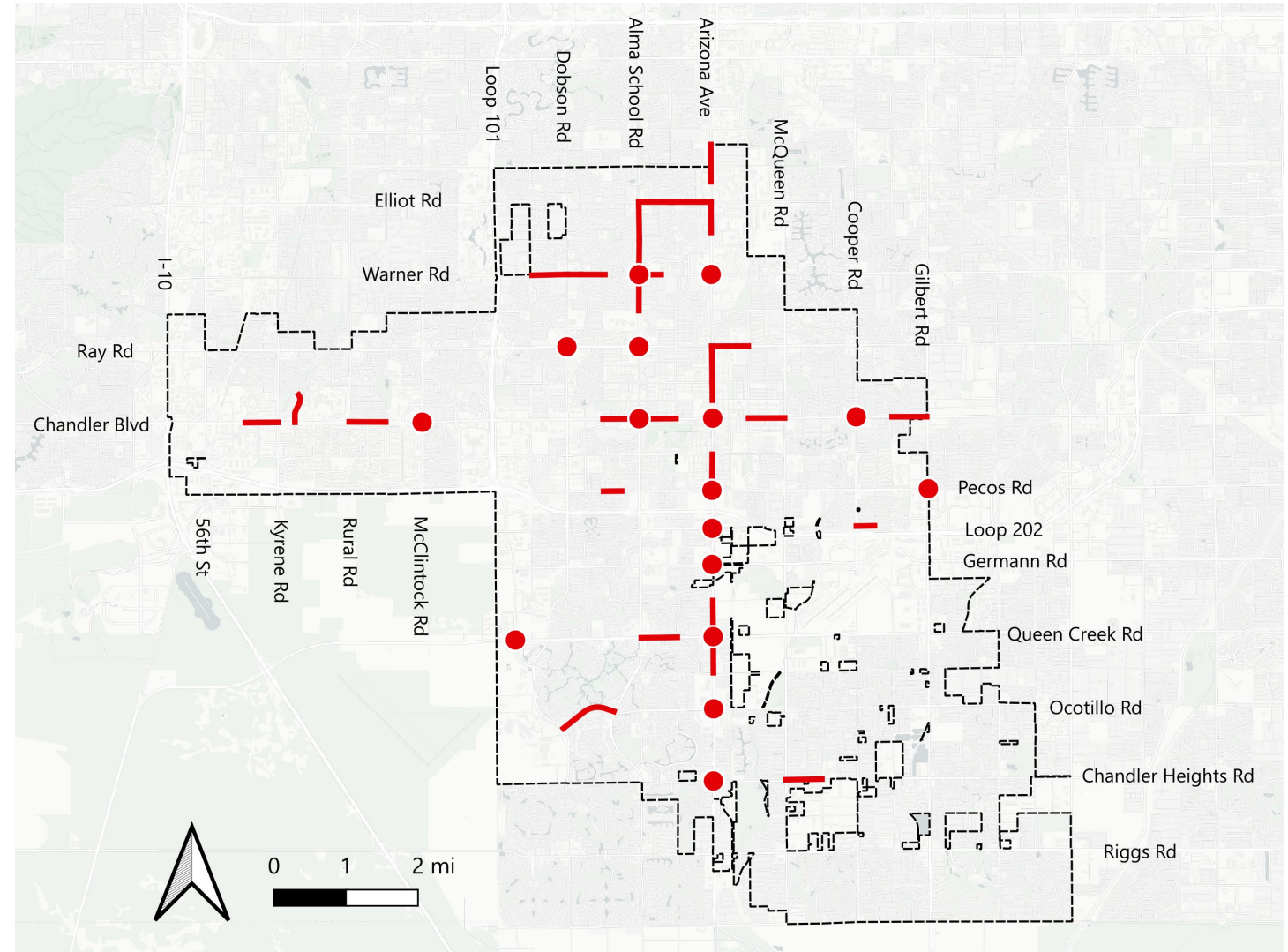
Involved People
Riding a Bicycle



Cost of Crashes = \$1,563,277,415

High Injury Network (HIN)

- 16 signalized intersections
 - 7.5% of Chandler signalized intersections (excluding traffic interchanges)
 - 20% of KSI crashes
- 29 roadway segments
 - 13.2 miles (4% of Chandler roadway network)
 - 17% of KSI crashes



What Factors are Driving Severe Outcomes?



Left-Turn
Crashes at
Signals

Red-light
Running

Speeding

Impairment

Unrestrained

Younger
Drivers
(< 25)

Older Drivers
(65+)

04 Focus Areas

Road Safety Task Force Input

- Validate crash analysis with local experience
- Identify location-specific concerns and context
- Refine the preliminary Focus Areas
- Highlight school-related safety concerns
- Identify existing programs and partnerships
- Surface new data and coordination opportunities

ROAD SAFETY TASK FORCE MEMBERS						
 CHANDLER arizona Parks	 CHANDLER arizona Downtown	 CHANDLER arizona Neighborhood Resources	 CHANDLER arizona Streets	 Police	 CHANDLER arizona Capital Projects	 CHANDLER arizona Strategic Initiatives
 MAG	 Bike Chandler Group	 Chandler Unified School District	 Kyrene Unified School District	 ADOT	 GRIC	 Chandler Regional Hospital
 Valley Metro	 Mesa, AZ	 Gilbert	 Tempe	 MCDOT		
 AZ E-Bike Academy	 Past Transportation Commissioner		 Pinnacle Prevention			

Focus Areas Where They Matter Most

Crash analysis and stakeholder input identified **Five Focus Areas** to reduce fatal and serious injury crashes in Chandler.

Five Focus Areas



People Walking & Bicycling

Pedestrians and bicyclists experience a disproportionate share of severe crashes, requiring safer, more accessible facilities for all users.

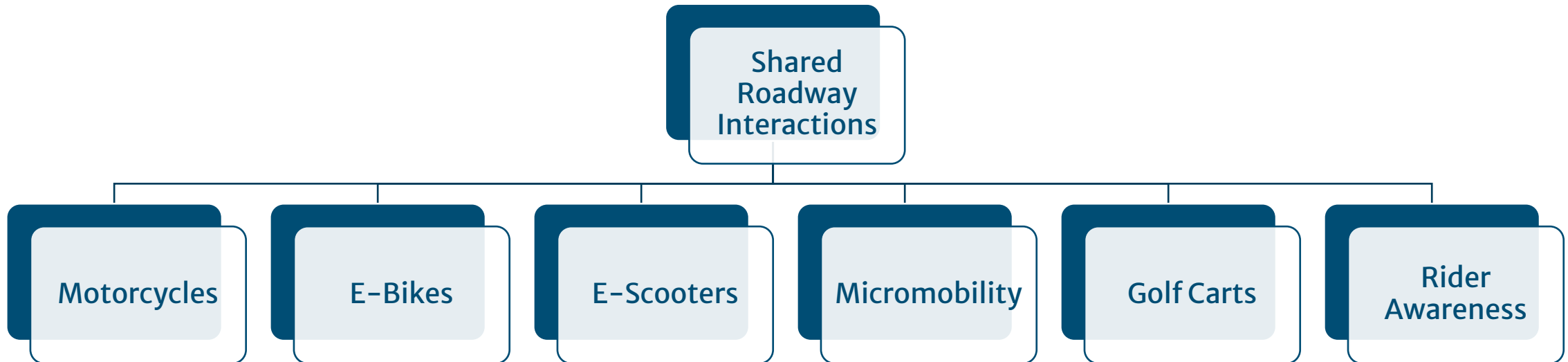
This focus area includes:

- Sidewalks and shared-use paths
- Crosswalks and pedestrian crossings
- School Area Improvements
- Bicycle facilities
- Transit access
- Lighting and visibility
- ADA accessibility
- Midblock crossings



Motorcyclists & Emerging Mobility

Motorcyclists and micromobility users are overrepresented in severe crashes, highlighting the need for targeted safety improvements.



Safer Driving Behaviors

Safer driving behaviors can reduce crash frequency and severity through education, enforcement, policy, and roadway design.

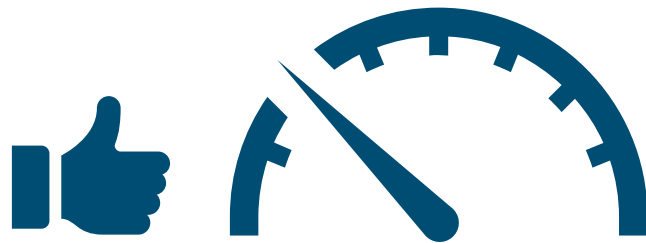
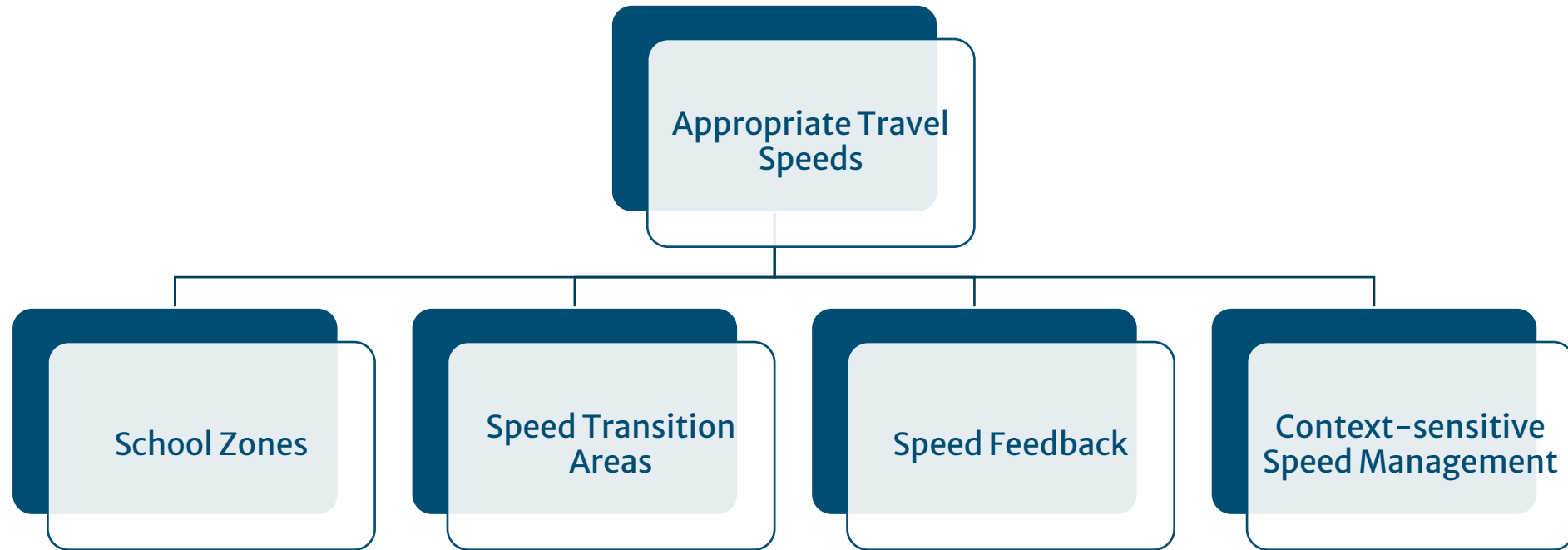
This focus area includes:

- Distracted Driving
- Impaired Driving
- Red-light Running
- Failure to Yield
- Aggressive Driving
- Seat Belt Use
- Driver Awareness



Speed Management

Managing speeds appropriate for the roadway context is one of the most effective ways to reduce crash frequency and severity.



Roadway Environment

Roadway design can reduce conflicts, improve visibility, and create safer streets for all users across the transportation network.

This focus area includes:

- Signalized Intersections
- Unsignalized Intersections
- Arterials
- High Injury Network
- Signal Operations
- Left Turn Treatments
- Roadway Geometry
- Access Management
- Sight Distance
- Lane Configuration
- Median Treatments
- Railroad Crossings



05 Public Engagement

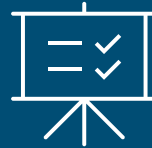
RSAP Engagement & Collaboration

Phase 01



Introduce the plan, its goals, and gather feedback on unsafe locations, behaviors, and roadway features.

Phase 02



Present draft strategies and seek direction on priorities and implementation trade-offs.

Phase 03



Share the draft RSAP and confirm that the recommendations reflect community values and priorities

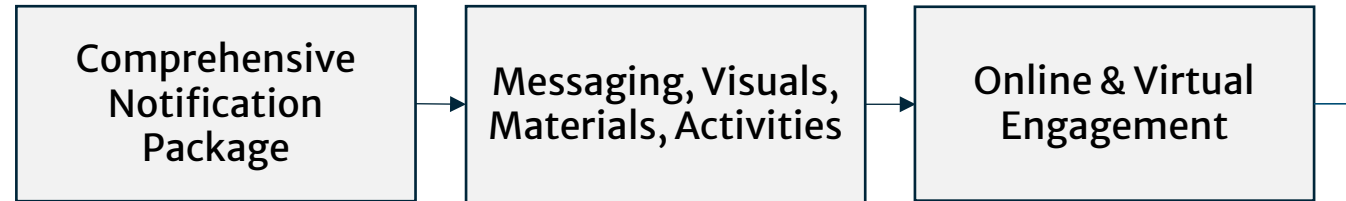
Phase 1 Engagement Goals



- **Build awareness** of the City of Chandler Road Safety Action Plan (RSAP).
- **Educate the community** and all stakeholders, elected officials about major crash types, killed and serious injury crashes, crash factors, etc. in Chandler.
- **Identify community concerns** and gather local knowledge.
 - Mapping exercise
 - Goals and objectives
 - Crash type input
- **Build participation** from historically underrepresented communities and establish a foundation for future engagement.
 - An online engagement hub
 - Meeting people where they will already be at

Phase 1 Engagement

Launches September 1st!

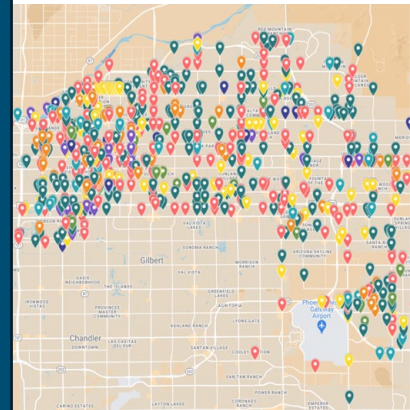


In-Person Activities

- Community Touchpoints
 - Chandler Contigo Hispanic Heritage Kickoff – Sept. 12th
 - Chandler Downtown Farmers Market – Sept. 26th
 - Tabling at Sunset Library
 - GAIN Events – Oct. 17th

Online Engagement

- Webpage
- Newsletters & Social Media
- Bus Shelter Posters w/ QR Codes
- Social Pinpoint
 - Interactive Map
 - Survey
 - Multi-Lingual options



Questions?

