



Task Force Meeting #2  
December 8, 2022



# Agenda

- Draft High Injury Network (HIN)
- Safe Systems Approach
- Break Out Groups
- Engagement Overview
- Next Steps



# Task Force Meetings





From 2017 to 2021,  
El Paso had

**197 FATAL INJURIES**  
and **649 SUSPECTED  
SERIOUS INJURIES.**



Pedestrians  
make up only  
**3.78%**  
of **ALL CRASHES**,  
but **21%** of  
**KSI COLLISIONS.**



**25%** of  
pedestrian crashes  
are **HIT-AND-RUN.**



## **DARK CONDITIONS**

account for **60%**  
of total KSI pedestrian  
crashes, while



## **DAYLIGHT CONDITIONS**

account for **71%**  
of total KSI bicycle  
collisions.

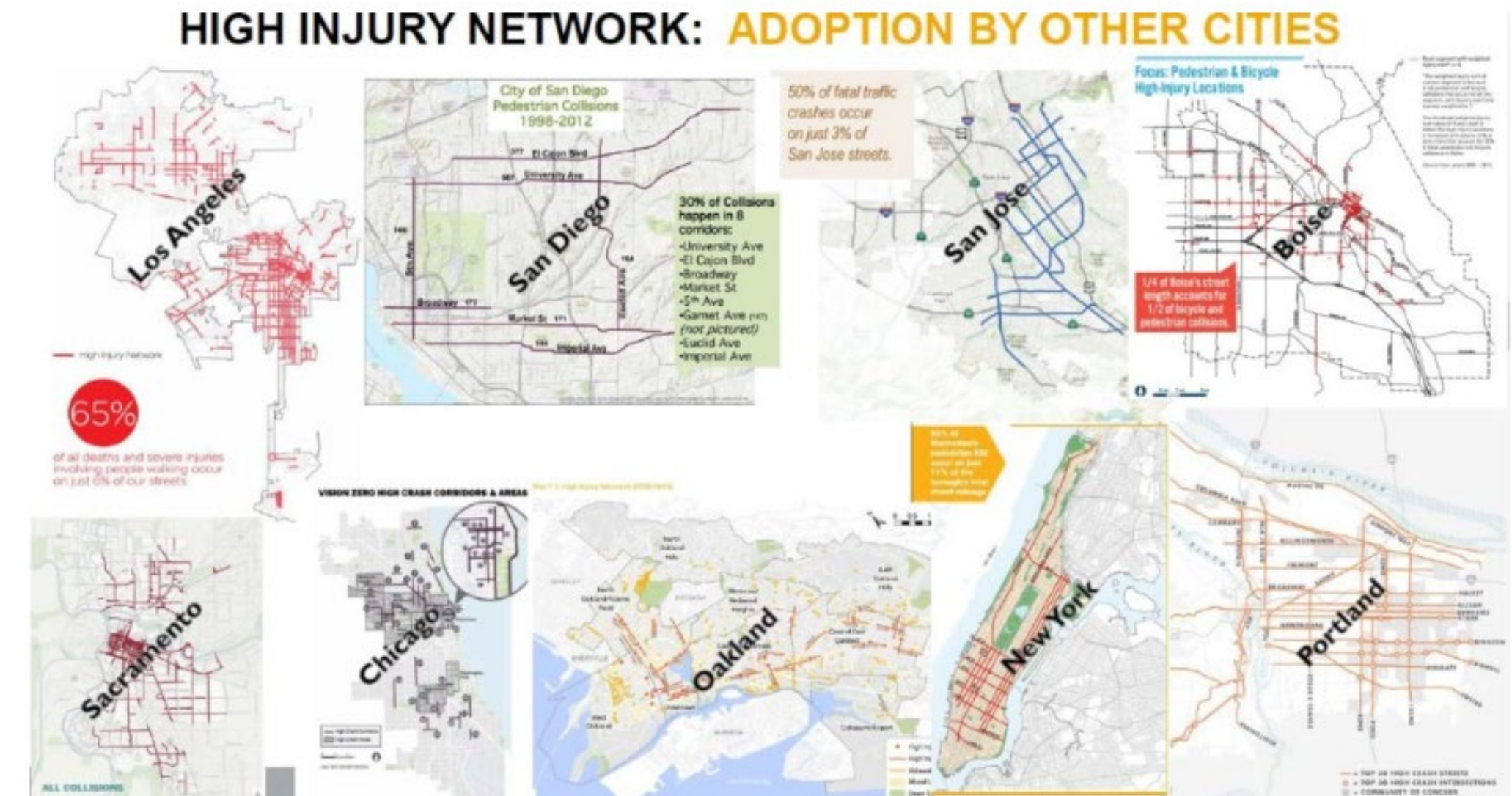
# High Injury Network



# Overview



- Collection of corridors that have the highest concentration and severity of collisions
- Allows for **prioritization** of efforts and resources where there is **highest opportunity for improvement in safety outcomes**
- Data-driven
- Common tool in Vision Zero work



Source: Vision Zero Network

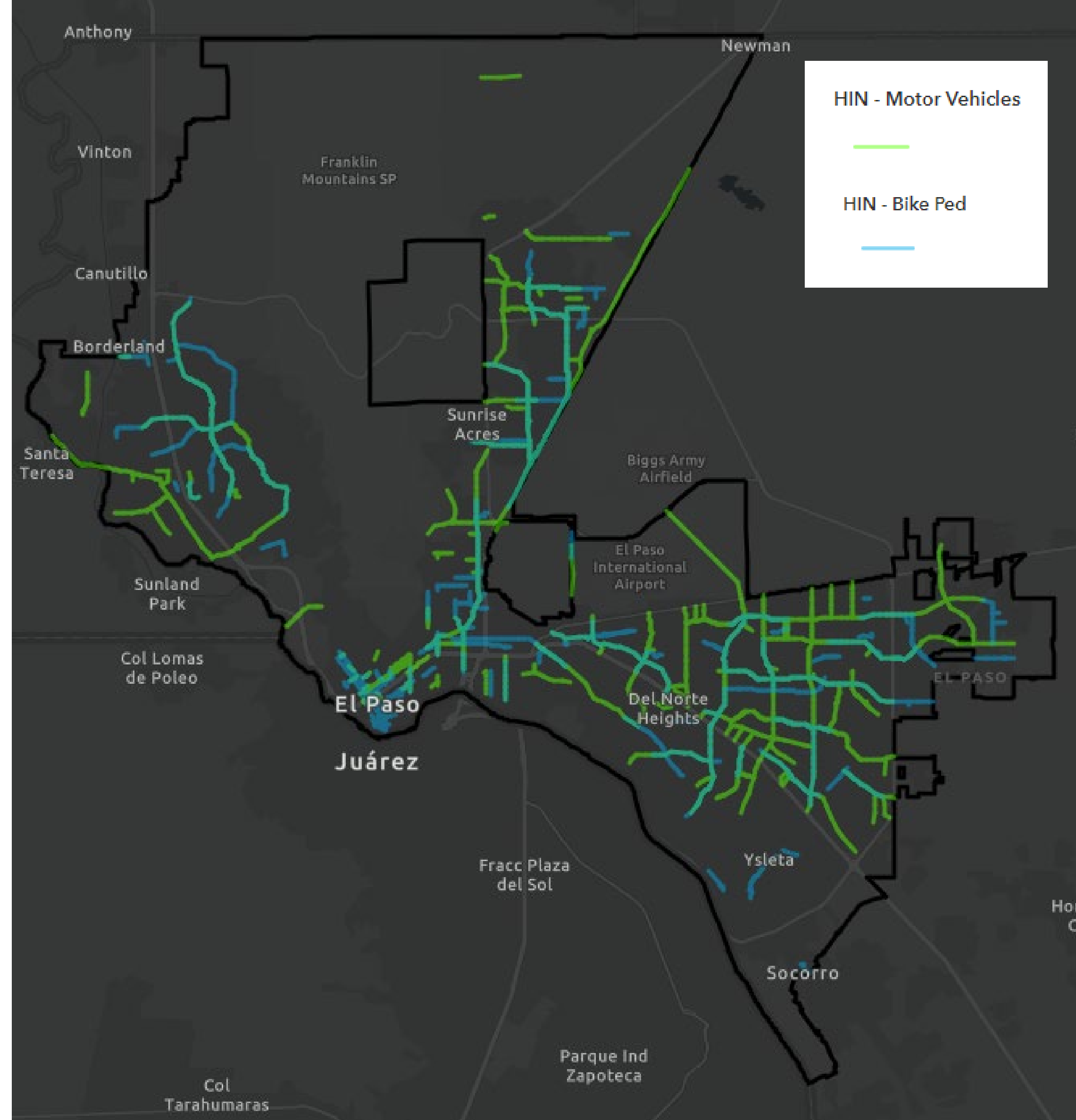
# Methodology



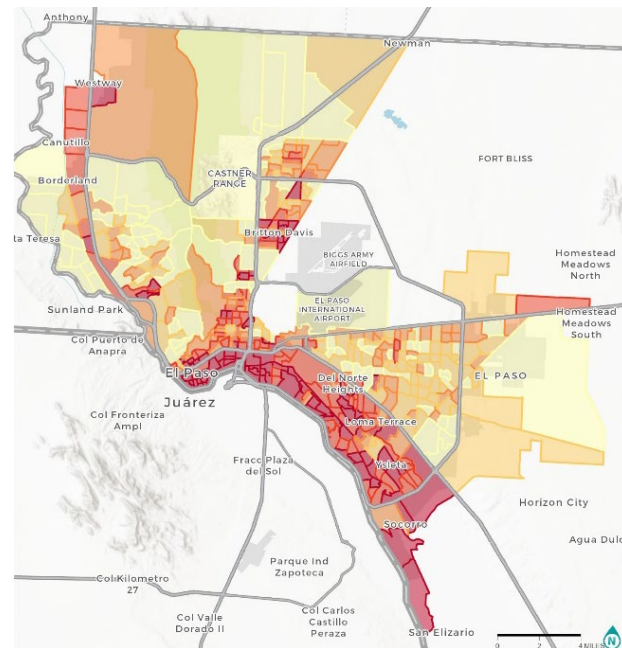
- **Data Source:** Injury collisions from 2017-2021
- **Weighting:** Fatal and Severe Injury collisions weight 7:1
- **Modes:**
  - HIN for **vehicle and motorcycle** collisions
  - HIN for collisions involving **pedestrian or bicyclist**
- **Roadways:** Focuses on **local corridors** (does not include state-managed facilities)
- **Result:** Identified and connected highest-scoring street segments

# Draft HIN

- **Vehicle HIN:**
  - **67%** of fatal and severe collisions occur on just **7%** of El Paso street network
- **Bike/Pedestrian HIN:**
  - **68%** of fatal and severe collisions occur on just **5%** of El Paso street network
- Significant overlap between both networks → high priority locations



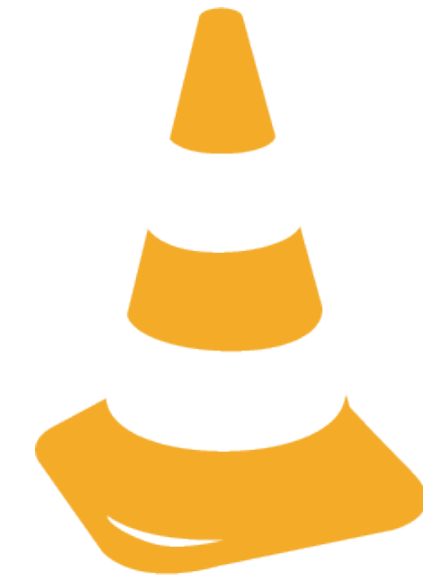
# What We're Working On



**Evaluate HIN  
through Equity  
Lens**



**Evaluate HIN Against  
Existing and  
Programmed Projects**



**Develop Systemic  
Crash Analysis to  
Identify Trends and  
Crash Profiles**

# The Safe Systems Approach



# Safe System Approach



## TRADITIONAL

## SAFE SYSTEM

Prevent crashes



Prevent deaths and serious injuries

Improve human behavior



Design for human mistakes/limitations

Control speeding



Reduce speed

Individuals are responsible



Share responsibility

React based on crash history



Proactively identify and address risks

# Safe System Elements



## Safe Roads

Design roads so that a human error does not result in the loss of human life.



## Safe Speeds

Slower travel speeds help save lives and reduce the risk of a life-altering injury or death.



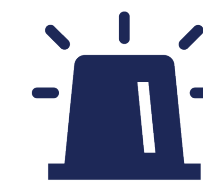
## Safe Road Users

People living, working, or traveling in El Paso should be safe walking, biking, rolling, taking transit, or driving.



## Safe Vehicles

Promote vehicle designs and regulation that minimize crashes, reduce severity, and incorporate safety measures using the latest technology.



## Post-Crash Care

When crashes do occur, reduce harm through rapid access to emergency medical care and analyze data to support system improvements.

# Safe System Guiding Principles



## **Death and Serious Injuries are Unacceptable.**

El Paso will prioritize actions that eliminate crashes that result in a serious injury or death.

## **Humans Make Mistakes.**

We know humans make mistakes, but one mistake should not end a life. Design of our streets should anticipate these risks and minimize harm.

## **Humans are Vulnerable.**

The impact of heavy, fast moving vehicles is often too much for our bodies. El Paso's streets should prioritize human life and community health on our streets.

## **Responsibility is Shared.**

Everyone who lives, works, and visits El Paso shares responsibility for the safety of our streets. This includes the government, advocates, the vehicle industry, and all members of the public.

## **Safety is Proactive.**

Creating safe streets requires that we identify and mitigate risks proactively. Using data and other tools, we can create safer streets before a crash occurs.

## **Redundancy is Critical.**

Much like how humans make mistakes, it's inevitable that parts of the system will fail. Under Vision Zero, when one part of the system fails, the other parts must still protect people.

# Breakout Activity

# Safe System Activity Boards

- **Step One:** Individually identify 2-3 safety concerns (ex: Speeding, No bike lanes, No sidewalks)
- **Step Two:** Discuss individual safety concerns as group and select five regarding each Safe System Element.
- **Step Three:** Identify potential solutions and performance measures.
- **Step Four:** This will be a iterative activity to development a framework of recommendations.



# Safe Speeds

Set speed limits and implement policies that decrease speed in order to save lives and reduce the likelihood of a life altering injury.



Safety  
Concerns

Solutions

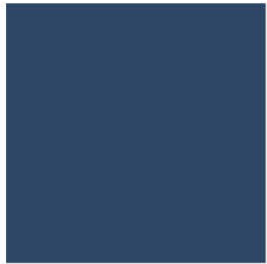
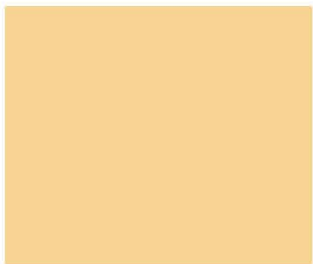
Situation #1



Situation #2



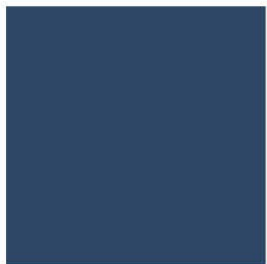
Situation #3



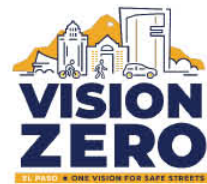
Situation #4



Situation #5



# Safe Speeds



*Set speed limits and implement policies that decrease speed in order to save lives and reduce the likelihood of a life altering injury.*

## Safety Concerns

## Solutions

Situation #1

Driving too fast down residential street

Install traffic circles

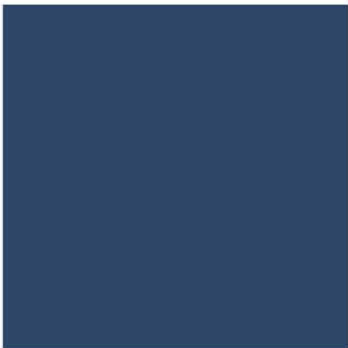
Install speed humps



Situation #2

Don't feel comfortable walking on main roads

Separate sidewalk and roadway with buffer



Situation #3



# Engagement Approach



# Vision Zero El Paso Launch

Vision Zero El Paso kicked off on Sept. 17, 2022, at Tom Lea Upper Park.

The event was attended by El Paso City Councilors, neighborhood association leaders, and even passers-by, who signed the Vision Zero El Paso Pledge to help eliminate traffic deaths and injuries.



# Glow in the Park

- Glow in the Park was held on Oct. 21 at the Memorial Park Reserve.
- The event was a family-friendly, fitness-focused, neon Zumba dance party where we handed out glow sticks, candy and Vision Zero stickers.
- Ghosties, ghoulies and super heroines — along with their parents — learned more about the initiative and signed the Vision Zero El Paso Pledge.
- Overall, we received **75 pledges** during the 2-hour event.



# Upcoming Events

## Univision Health Fair

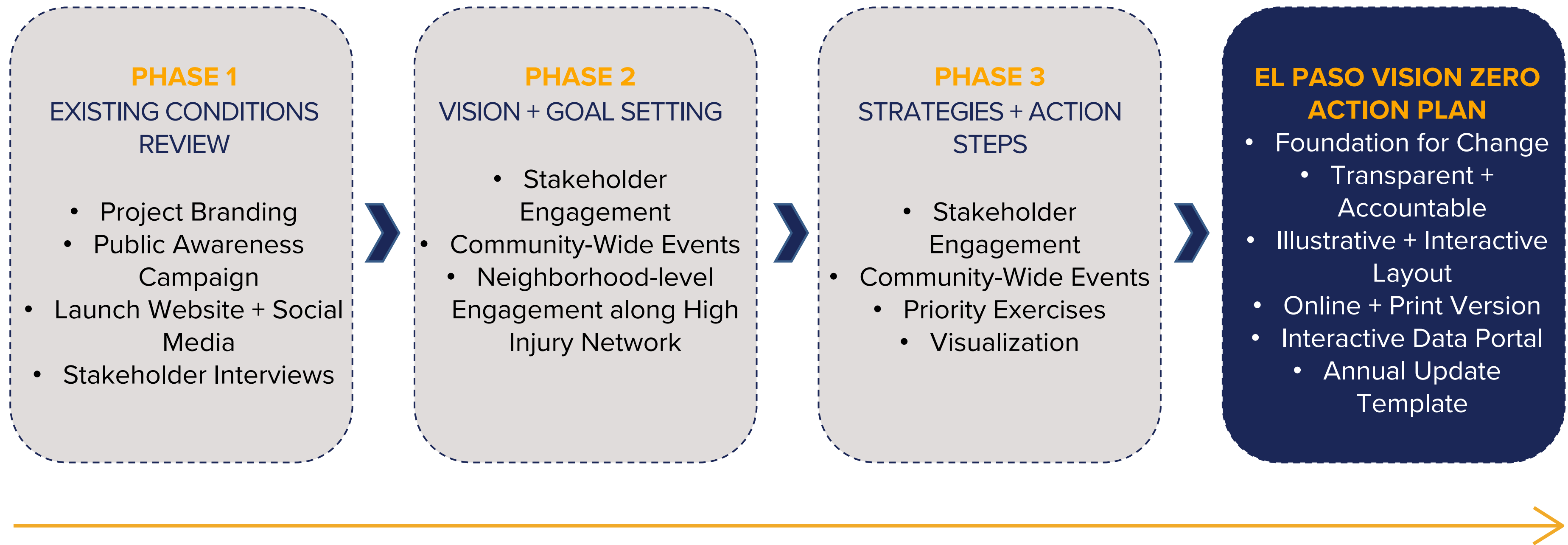
Saturday, March 18 @ Bassett  
Center

## 2023 El Paso Neighborhoods USA Conference

May 24- 27 @ El Paso Convention  
Center



# Engagement Phases



# Next Steps



- Advance Systemic Analysis and Develop Crash Profiles
- Promote public survey
- Begin developing prioritization criteria to select priority project corridors





# Thank you!