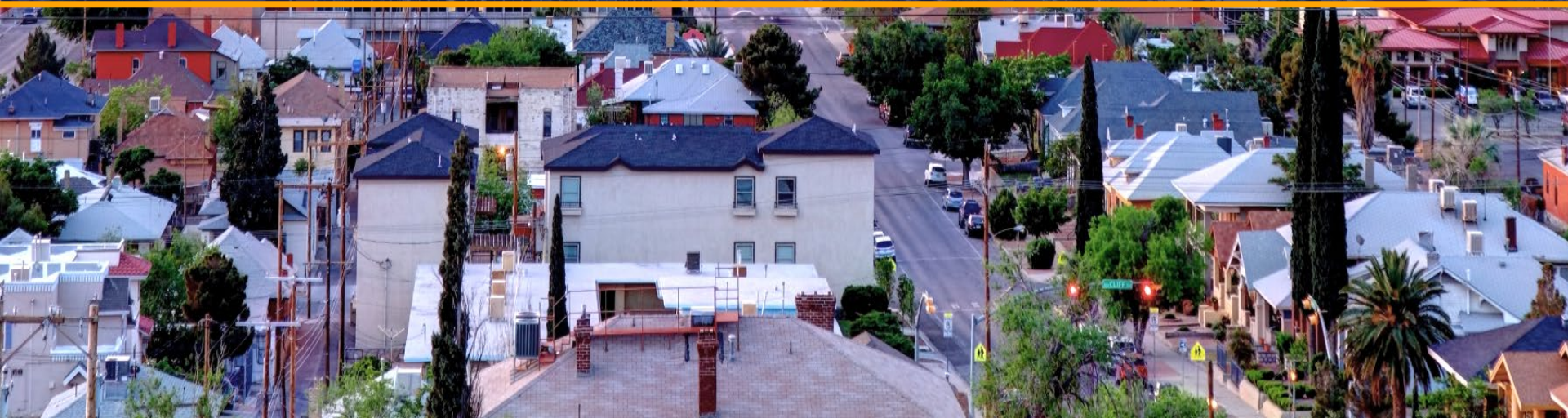




# Joint Presentation on the City of El Paso Efforts & Vision Zero

City Council Presentation  
March 2, 2021





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## Quarterly Fatality Analysis Cross-Functional Team

### Coordinated Review of Traffic Related Fatalities

Traffic Engineering & Police Special Traffic Investigation (STI) Unit share data on pedestrian and vehicle fatalities in order to gain understanding on trends and factors to use as an information tool for potential safety improvements, enforcement, and public education efforts. The working group (in collaboration with TxDOT and CID) recommends solutions based on data collection that includes improvements in the street infrastructure, projects in planning, design or construction, traffic counts, and collision records.



# Initiatives

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## Programs & Policies in Place that Address Traffic Safety

- ✓ Highway Safety Improvement Program (HSIP)
- ✓ Neighborhood Traffic Management Program (NTMP)
- ✓ Continuous Lighting of Arterial Roadways
  - ✓ Multiple corridors throughout city are being improved
  - ✓ Top 25 Arterials
    - ✓ Street reconstruction/resurfacing
    - ✓ Lighting
    - ✓ Landscaping
    - ✓ Medians
- ✓ Citywide Reconstruction/Resurfacing projects
  - ✓ Upgrade street lighting, sidewalks, ADA accessibility
- ✓ MPO Projects
  - ✓ Citywide Bicycle Infrastructure Project
  - ✓ Infrastructure & pedestrian improvements to include safety lighting
- ✓ CDBG projects
  - ✓ Pedestrian and traffic safety Improvements

# Getting to Zero Roadway Fatalities

## A Primer on Vision Zero



Ed Burgos – FHWA Texas Division



# Agenda

- What is Vision Zero?
- Principles of Vision Zero.
- Vision Zero Practices.
- Further Resources.



# What is Vision Zero?

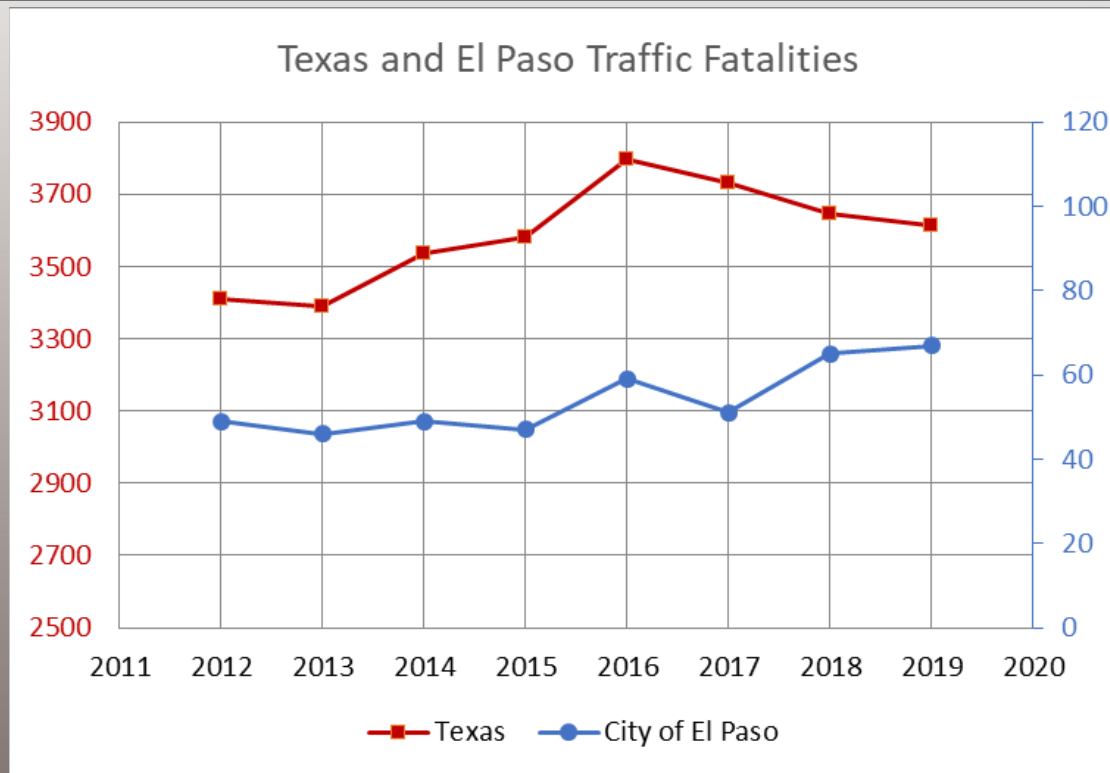
No loss of life acceptable.

Traffic fatalities and injuries are preventable.

People will make mistakes.



# Why do we need Vision Zero?



Texas has not had a day without a traffic death since November 7, 2000.

Data: TxDOT CRIS annual reports



# Texas and Vision Zero

- Austin, San Antonio, Laredo, Ft. Worth, Houston, and Dallas have formally adopted Vision Zero.
- Texas Strategic Highway Safety Plan:
  - Long Term aspirational goal of zero deaths.

## Texas Emphasis Areas:



Source: <https://www.texasshsp.com/>





# Principles of Vision Zero

- Traffic deaths and severe injuries are preventable.
- The protection of human life is the highest priority of the transportation system.
- Human error is inevitable, and the transportation system should be forgiving.

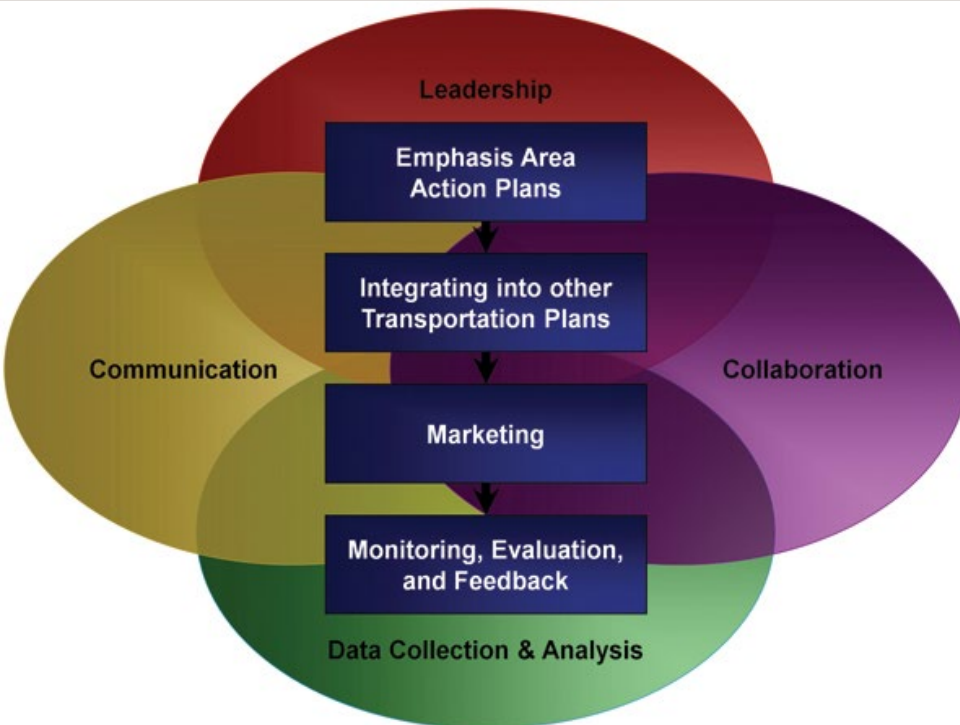


# Principles of Vision Zero

- Safe systems are more important than influencing behavior in reducing crashes.
- A Comprehensive approach involving public health, law enforcement, education, infrastructure improvements, technology advancements, and more.



# Vision Zero Practices



- Sustain leadership, collaboration, and accountability.
- Be data driven.
- Implement what works.
- Prioritize Safety.

Source: FHWA Strategic Highway Safety Plan Implementation Process Model



# Leadership, Collaboration, and Accountability

- A champion for safety is the best way to ensure all safety partners work in a collaborative group.
- Establish an organizational structure to formalize collaboration.
- Develop action plans.
- Evaluate progress and reassess goals



# Be Data Driven

- Use safety data to determine priorities:
  - Establish emphasis areas.
- Develop actionable strategies:
  - Use evidenced based approaches on what works.
- Use a safe systems approach:
  - Decreased focus on user behavior or individual locations.



# Implement What Works

- We know how to reduce severe crashes.
- Target overall trends with proven countermeasures.
- Be comprehensive:
  - Engineering and infrastructure.
  - Enforcement.
  - Education.



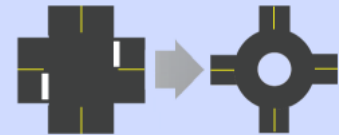
# What Works: Infrastructure

- Roundabouts.
- Pedestrian Hybrid Beacons.
- Road Diets.



## Roundabouts

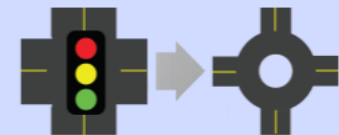
### Two-Way Stop-Controlled Intersection to a Roundabout



82%

Reduction in severe crashes

### Signalized Intersection to a Roundabout



78%

Reduction in severe crashes

Source: *Highway Safety Manual*



# Prioritize Safety

- Incorporate safety into all actions:
  - Land Development and permitting.
  - Maintenance of streets.
  - Long range plans.
  - Street design policies and standards.
- Prioritize funding for safety improvements.
- Maintain a collaborative approach to safety.





# What's Next?

- Select Champion
- Develop High Injury Network
- Establish Fatal Crash Review Committee
- Data, Data, Data



# Further Resources

- Vision Zero Network
  - <https://visionzeronetwork.org/>
- Road to Zero Coalition
  - <https://www.nsc.org/road-safety/get-involved/road-to-zero>
- FHWA Office of Safety
  - <https://safety.fhwa.dot.gov/>
- Austin Vision Zero
  - <http://www.austintexas.gov/visionzero>
- Texas Strategic Highway Safety Plan
  - <https://www.texasshsp.com/>



# Thank You



Source: FHWA

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