

# Multimodal Transportation Plan

Comprehensive Plan Committee Briefing

Art Reinhardt, PE, CFM

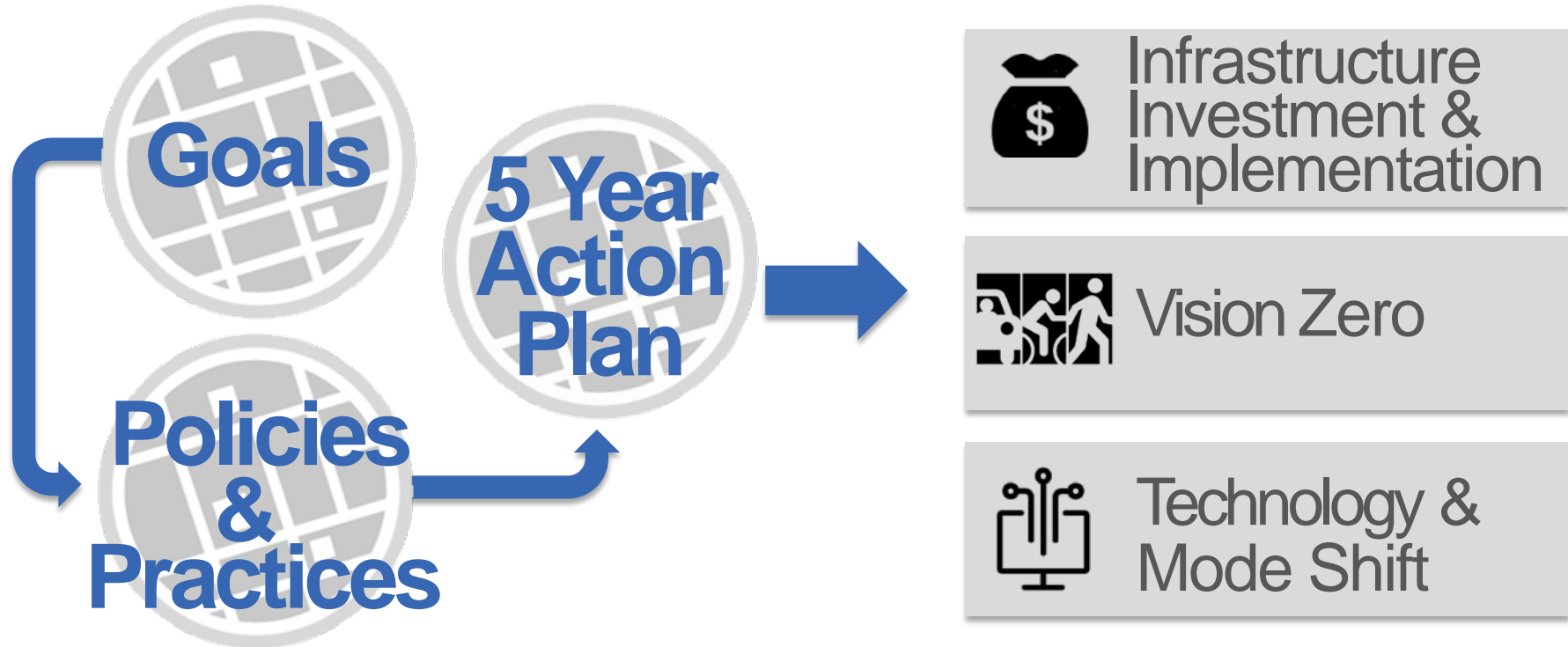
Assistant Director, Transportation & Capital Improvements

February 21, 2018





# Implementation Approach





# Infrastructure Investment & Implementation

**Project  
Identification**

**Project  
Development**

**Project  
Implementation**



**UDC** UNIFIED  
DEVELOPMENT CODE

# Infrastructure Investment & Implementation

## Project Identification

### Quality of Life

This goal seeks to prioritize projects that enhance the health and wellbeing of San Antonio's population and the natural environment.

### Economic Vitality

This goal seeks to prioritize projects that strengthen and increase economic opportunity across San Antonio by connecting people to employment while preserving the efficient movement of goods.

### Strategic Development

This goal seeks to prioritize projects in areas where new investment will utilize existing investments and be responsive to land use patterns.

### Mobility

This goal seeks to prioritize projects that enhance access and connectivity (minimize gaps) across all modes of transportation.

### Congestion

This goal seeks to prioritize projects that maximize the efficiency of vehicular travel within the roadway network.

### Management of Existing Systems

This goal seeks to prioritize projects that improve the effectiveness and condition of existing infrastructure through targeted investments.

### Safety and Security

This goal seeks to provide a transportation system safe for all users and secure against natural disasters.

### Feasibility & Implementation

This goal seeks to prioritize projects that are shovel-ready and have demonstrated support among all project sponsors.

**SA TOMORROW** [Final Version] [Reset Form]

Prioritized Projects

Preliminary SA Tomorrow Project Prioritization Scoring Matrix (4/12/2018)

Goal	Project	Description	Strategic Category	Performance Metrics	Score
Quality of Life	1.0.0.0	Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		The goal seeks to prioritize projects that enhance the health and wellbeing of the community and the natural environment	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
Economic Vitality	1.0.0.0	Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		The goal seeks to prioritize projects that enhance the health and wellbeing of the community and the natural environment	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
Strategic Development	1.0.0.0	Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		The goal seeks to prioritize projects that enhance the health and wellbeing of the community and the natural environment	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
Mobility	1.0.0.0	Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		The goal seeks to prioritize projects that enhance the health and wellbeing of the community and the natural environment	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10
		Improve air quality through transit mode conversion	Health	Provide air quality benefits to urban core	10

# Infrastructure Investment & Implementation

## Project Development

### Transportation Improvement Program



**Corridor  
Mobility  
Planning** **\$8M**





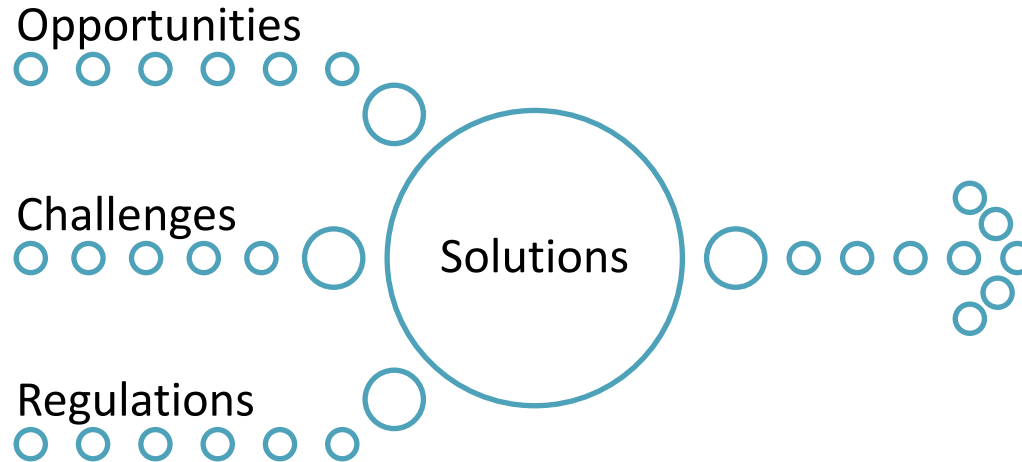
# Project Implementation

- N New Braunfels Ave
- Enrique M Barrera Pkwy
- Goliad Rd
- Fredericksburg Rd



# Infrastructure Investment & Implementation

## UDC UNIFIED DEVELOPMENT CODE



UDC regulations currently support development built to standards that no longer represent the needs of a growing San Antonio.

**In coordination with the development community, we can find solutions together to support the future needs of San Antonio.**

# Vision Zero



SAN ANTONIO

Drive safe. Bike safe. Walk safe.

Because every person matters.



Education



Encouragement



Engineering



Enforcement

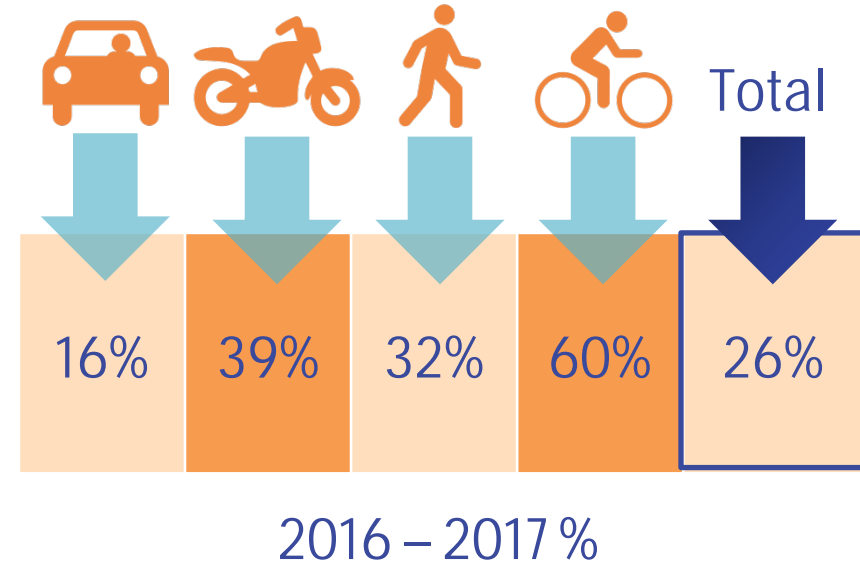
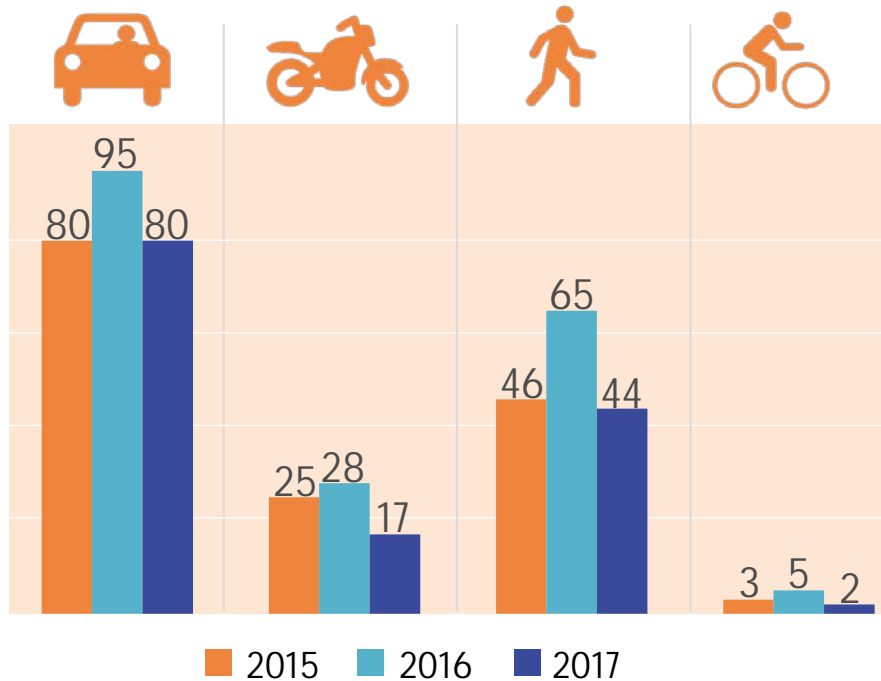


Evaluation



# Vision Zero

## 2017 Fatality Data



## Vision Zero

### Education & Encouragement

4 Months

+

48 Outreach Events

9,950 people



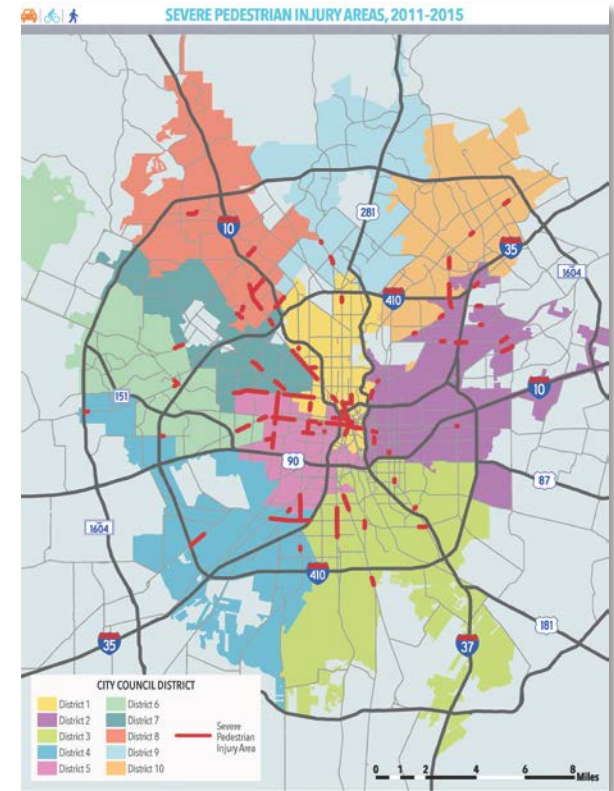
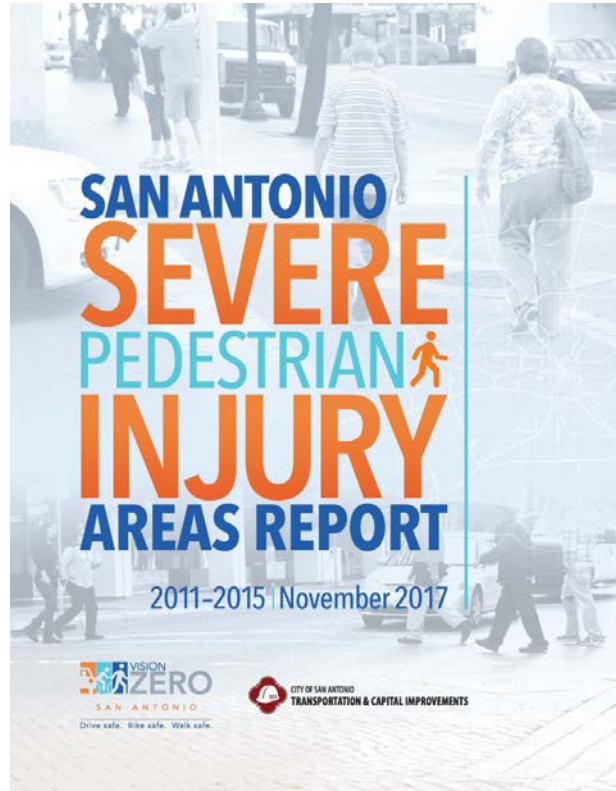
# Vision Zero

## Engineering



# Vision Zero

## Evaluation





## Technology & Mode Shift

# Transportation Demand Management



Working Group Meeting #1

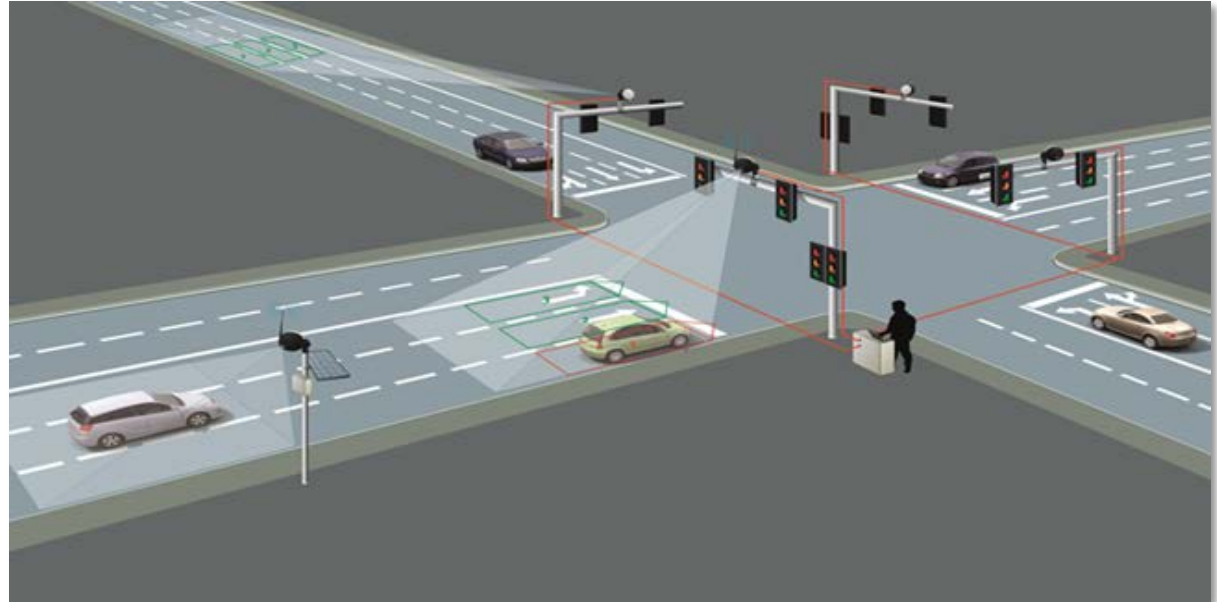


## Technology & Mode Shift

# Intelligent Transportation Systems (ITS)

**T**ransportation  
**I**mprovement  
**P**rogram

\$4.5M

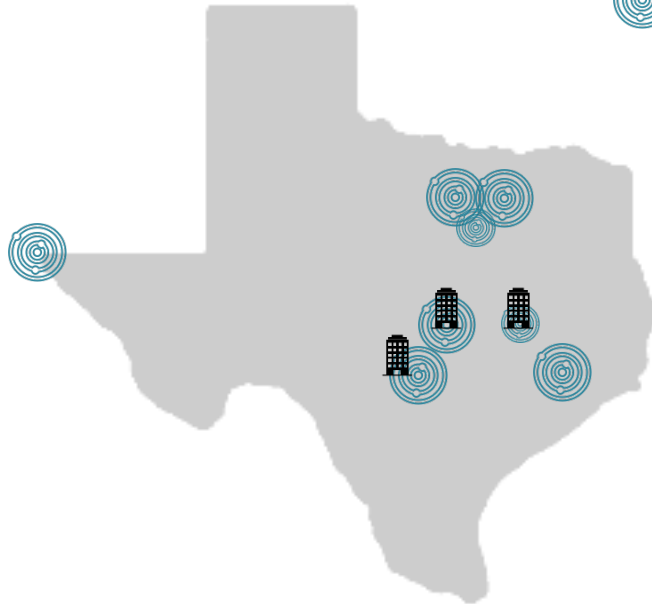






# Technology & Mode Shift

## Automated Vehicles



### Real-World Urban Test-Bed Sites

Arlington  
Austin  
College Station  
Dallas  
Fort Worth  
El Paso  
Houston  
San Antonio

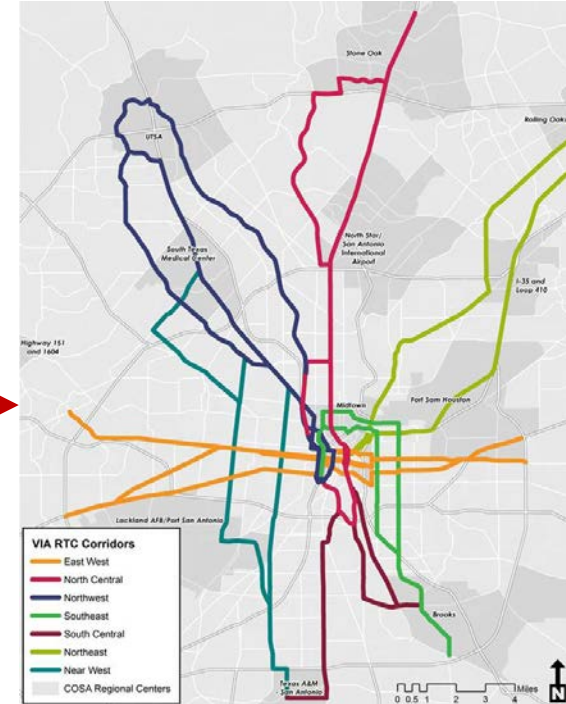
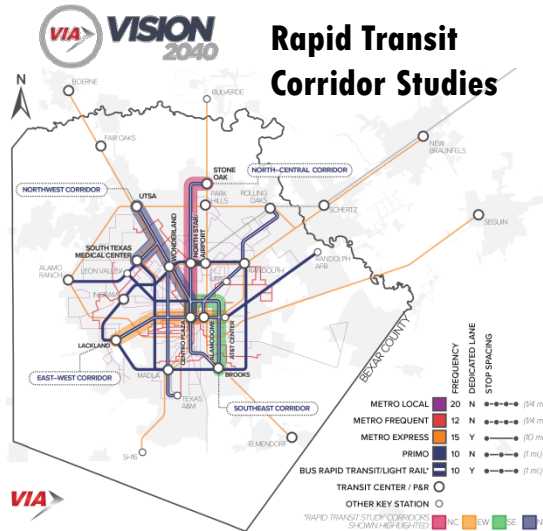
### Proving Grounds





# Technology & Mode Shift

## Intracity Connections



# Technology & Mode Shift

## Intercity Connections



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