



Interlocal Agreement:

Intersection Safety Improvement Program (ISIP)

City of El Paso &
University of Texas at El Paso



October 12, 2021



Presentation Overview

- ❖ Program Initiatives
- ❖ Program Development
- ❖ Investment in Traffic Safety
- ❖ Agreement Purpose
- ❖ Agreement Overview
 - ❖ General Information
 - ❖ Entity Responsibilities
 - ❖ Project Timeline
 - ❖ Benefits

Program Initiatives

Align with ALL Strategic Plan Goals:

- Goal 1. Cultivate an Environment Conducive to Strong, Sustainable Economic Development
- Goal 2. Set the Standard for a Safe and Secure City
- Goal 3. Promote the Visual Image of El Paso
- Goal 4. Enhance El Paso's Quality of Life Through Recreational Cultural and Educational Environments
- Goal 5. Promote Transparent and Consistent Communication Amongst All Members of the Community
- Goal 6. Set the Standard for Sound Governance and Fiscal Management
- Goal 7. Enhance and Sustain El Paso's Infrastructure Network
- Goal 8. Nurture and Promote a Healthy, Sustainable Community

Program Development



Investment in Traffic Safety



Lee Trevino Median Enhancements_Trawood to Montwood (2020 HSIP Project Awarded Funding, \$247,786 construction, 10% City share, for letting of FY 2022)

Agreement Purpose

Sub-agreement to 2018 MOU with UTEP

❖ Improve safety at street intersections within City Limits

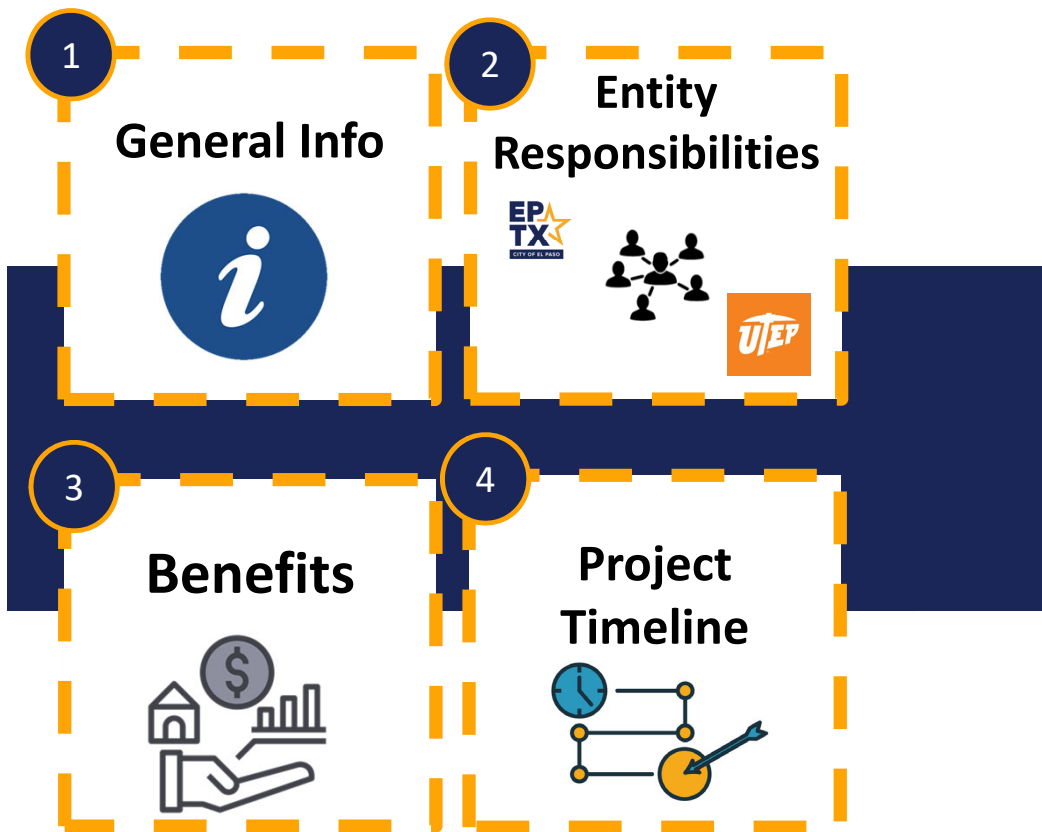
- implement Intersection Safety Improvement Program (ISIP) process
- processing and analyzing data for fatal and serious injury crashes
- data mining, plotting, and analysis of fatal and serious injury crashes

❖ Deliverable - Project Report

- Top 10 - Project Ready List
 - conceptual renderings
 - preliminary cost estimate
- Program Improvement Recommendations



Agreement Overview



1

General Information

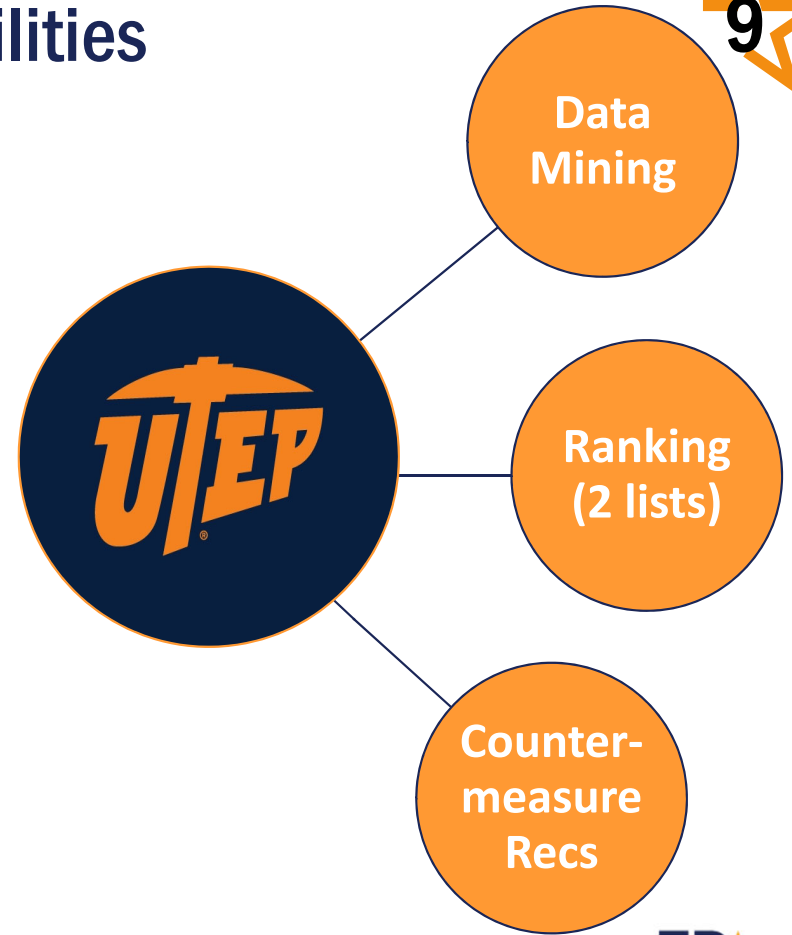
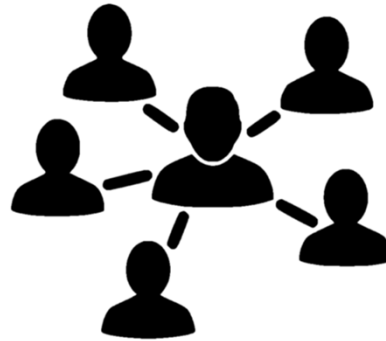
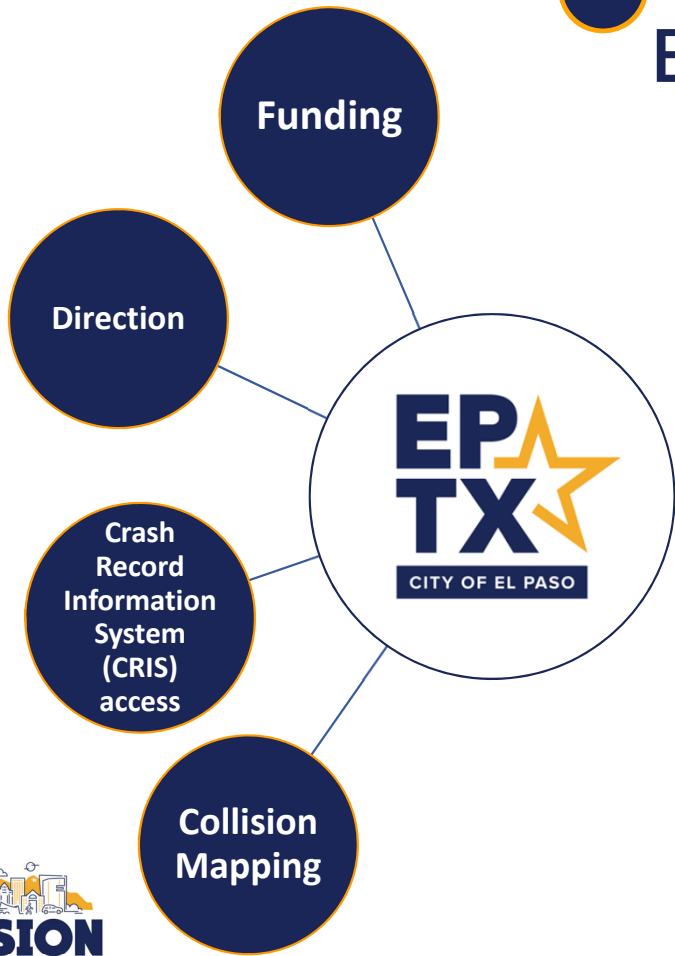


Previous Council Action:	Funding approved with FY22 Budget
Entities:	City of El Paso & University of Texas at El Paso
Scope & Purpose:	<p>Citywide; Produce and deliver a written Project Report with a minimum of the top 10 ranked intersections</p> <ul style="list-style-type: none"> ❖ Countermeasures ❖ Conceptual renderings ❖ Preliminary cost estimate
Project Duration:	4 months
Start of Agreement:	October 18, 2021
End:	February 17, 2022

2

Entity Responsibilities

9





2 Entity Responsibilities *continued*

*Utilize BEST AVAILABLE data

- Crash Year
- Case ID
- Crash Date
- Crash Time
- Reported Road
- Reported Intersecting Road
- Crash Latitude
- Crash Longitude
- Intersection Related
- Crash Severity
- Manner of Collision
- Light Condition
- Crash Contributing Factor List
- Pedestrians
- Pedalcyclists
- Total Crashes

REPORT DETAILS

Report Filter: (City = EL PASO) And ((Crash Year) = 2019)

2019 – 20,038 collisions

4 of 41 pages of 401 pages

Data rows: 1 - 50 of 20038 | Data columns: 4

Crash Year	Case ID	Crash Date	Crash Time	Reported Road	Reported Intersecting Road	Crash Latitude	Crash Longitude	Intersection Related	Crash Severity	Manner of Collision	Light Condition	Crash Contributing Factor List	Pedestrians	Pedalcyclists	Total Crashes	Image
2019		01/01/2019	12:02 AM	US0054	FM2529	31.94024277	-106.40775299	INTERSECTION	NOT INJURED	ANGLE - BOTH GOING STRAIGHT	DARK, LIGHTED	DISREGARD STOP SIGN OR LIGHT	0	0	1	Image...
2019		01/02/2019	3:35 PM	FM0659	SUN FIRE BLVD	31.76909224	-106.26013233	NON INTERSECTION	NOT INJURED	SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	DAYLIGHT	FAILED TO CONTROL SPEED	0	0	1	Image...
2019		01/10/2019	7:38 PM	IH0010	NOT REPORTED	31.73543113	-106.32025224	NON INTERSECTION	NOT INJURED	SAME DIRECTION - BOTH GOING STRAIGHT-REAR END	DARK, LIGHTED	FAILED TO CONTROL SPEED	0	0	1	Image...
2019		01/11/2019	6:51 AM	FM0076	N AMERICAS AVE	31.68671189	-106.29844244	NON INTERSECTION	SUSPECTED MINOR INJURY	SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	DARK, LIGHTED	DRIVER INATTENTION; FAILED TO CONTROL SPEED	0	0	1	Image...
2019		01/11/2019	3:15 PM	E PELICANO DR	TED HOUGHTON DR	31.72833064	-106.27669984	NON INTERSECTION	NOT INJURED	SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	DAYLIGHT	FAILED TO CONTROL SPEED	0	0	1	Image...
2019		01/13/2019	12:32 AM	N ZARAGOZA RD	MONTWOOD DR	31.75953078	-106.27038199	DRIVEWAY ACCESS	SUSPECTED MINOR INJURY	OPPOSITE DIRECTION - ONE STRAIGHT-ONE STOPPED	DARK, LIGHTED	FAILED TO DRIVE IN SINGLE LANE; HAD BEEN DRINKING	0	0	1	Image...
2019		01/14/2019	10:04 AM	KENWORTHY	KENWORTHY	0	0	NON INTERSECTION	NOT INJURED	ONE MOTOR VEHICLE - BACKING	DAYLIGHT	BACKED WITHOUT SAFETY; DRIVER INATTENTION	0	0	1	Image...
2019		01/16/2019	4:15 PM	IH0010	NOT REPORTED	31.82347788	-106.55776859	NON INTERSECTION	SUSPECTED MINOR INJURY	SAME DIRECTION - BOTH GOING STRAIGHT-SIDESWIPE	DAYLIGHT	CHANGED LANE WHEN UNSAFE	0	0	1	Image...
2019		01/17/2019	1:55 PM	CASA VIEW DR	GEORGE DIETER DR	31.73881864	-106.30233241	NON INTERSECTION	SUSPECTED MINOR INJURY	ONE MOTOR VEHICLE - GOING STRAIGHT	DAYLIGHT	FLEEING OR EVADING POLICE; OTHER (EXPLAIN IN NARRATIVE)	0	0	1	Image...
2019		01/17/2019	7:20 PM	WOLF CREEK DR	BUFF CREEK ST	0	0	NON INTERSECTION	NOT INJURED	ONE MOTOR VEHICLE - BACKING	DARK, NOT LIGHTED	BACKED WITHOUT SAFETY	0	0	1	Image...
2019		01/20/2019	12:30 PM	IH0010	NOT REPORTED	31.88398225	-106.58216596	NON INTERSECTION	NOT INJURED	ONE MOTOR VEHICLE - GOING STRAIGHT	DAYLIGHT	FAILED TO DRIVE IN SINGLE LANE	0	0	1	Image...
2019		01/22/2019	6:40 AM	FM0659	NOT REPORTED	31.77271662	-106.25623851	NON INTERSECTION	NOT INJURED	SAME DIRECTION - BOTH GOING STRAIGHT-REAR END	DAYLIGHT	FAILED TO CONTROL SPEED; FOLLOWED TOO CLOSELY	0	0	1	Image...
2019		01/22/2019	7:00 PM	SLO375	NOT REPORTED	31.80545685	-106.26824892	NON INTERSECTION	NOT INJURED	ONE MOTOR VEHICLE - GOING STRAIGHT	DARK, LIGHTED	FAULTY EVASIVE ACTION	0	0	1	Image...
2019		01/24/2019	5:54 AM	N NORTH DESERT BLVD	N NORTHERN PASS RD	31.88397483	-106.5760703	NON INTERSECTION	NOT INJURED	ONE MOTOR VEHICLE - GOING STRAIGHT	DARK, LIGHTED	FAILED TO CONTROL SPEED; UNDER INFLUENCE - ALCOHOL	0	0	1	Image...
2019		01/25/2019	8:34 AM	RICH BEEM BLVD	TIERRA FLORES DR	31.80082483	-106.24676038	NON INTERSECTION	NOT INJURED	ANGLE - BOTH GOING STRAIGHT	DAYLIGHT	DRIVER INATTENTION; FAILED TO YIELD RIGHT OF WAY - OPEN INTERSECTION	0	0	1	Image...
2019		01/26/2019	7:20 AM	US0062	TURF RD	31.80851084	-106.25266478	NON INTERSECTION	NOT INJURED	SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	DAYLIGHT	FAILED TO CONTROL SPEED	0	0	1	Image...
2019		02/01/2019	2:30 PM	IH0010	NOT REPORTED	31.7571656	-106.35266392	INTERSECTION RELATED	NOT INJURED	SAME DIRECTION - ONE STRAIGHT-ONE RIGHT TURN	DAYLIGHT	FAILED TO CONTROL SPEED; FLEEING OR EVADING POLICE	0	0	1	Image...
2019		02/01/2019	2:32 PM	GILES RD	CAROLINA DR	31.74188485	-106.35401036	INTERSECTION	NOT INJURED	SAME DIRECTION - BOTH GOING STRAIGHT-SIDESWIPE	DAYLIGHT	FLEEING OR EVADING POLICE; OVERTAKE AND PASS INSUFFICIENT CLEARANCE	0	0	1	Image...
2019		02/01/2019	2:35 PM	MYRA ST	HEID AVE	31.74021003	-106.35376915	DRIVEWAY ACCESS	NOT INJURED	ANGLE - ONE STRAIGHT-ONE BACKING	DAYLIGHT	BACKED WITHOUT SAFETY; FLEEING OR EVADING POLICE	0	0	1	Image...
2019		02/04/2019	8:50 AM	US0085	SS1966	31.75848109	-106.50205113	NON INTERSECTION	NOT INJURED	SAME DIRECTION - BOTH GOING STRAIGHT-REAR END	DAYLIGHT	DRIVER INATTENTION; FAILED TO CONTROL SPEED	0	0	1	Image...
2019		02/08/2019	12:19 PM	JOE BATTLE BLVD	MONTWOOD DR	31.76078046	-106.26776917	INTERSECTION	POSSIBLE INJURY	SAME DIRECTION - ONE STRAIGHT-ONE LEFT TURN	DAYLIGHT	TURNED IMPROPERLY - WRONG LANE	0	0	1	Image...
2019		02/19/2019	6:09 AM	SLO375	FM0659	31.76098192	-106.26777143	NON INTERSECTION	NOT INJURED	SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	DARK, NOT LIGHTED	FAILED TO CONTROL SPEED	0	0	1	Image...
2019		02/20/2019	7:15 AM	SUN FIRE RD	ZARAGOZA RD	31.76816463	-106.26031065	NON INTERSECTION	NOT INJURED	SAME DIRECTION - BOTH GOING STRAIGHT-REAR END	DAYLIGHT	FOLLOWED TOO CLOSELY	0	0	1	Image...
2019		02/26/2019	10:05 AM	GEORGE DR	PELLICANO DR	31.74461895	-106.30182333	NON INTERSECTION	SUSPECTED MINOR INJURY	SAME DIRECTION - BOTH GOING STRAIGHT-REAR END	DAYLIGHT	DISTRACTION IN VEHICLE; FAILED TO CONTROL SPEED	0	0	1	Image...



3 **Benefits**



ISIP evaluation
and
recommendations
for improvement

Process Evaluation

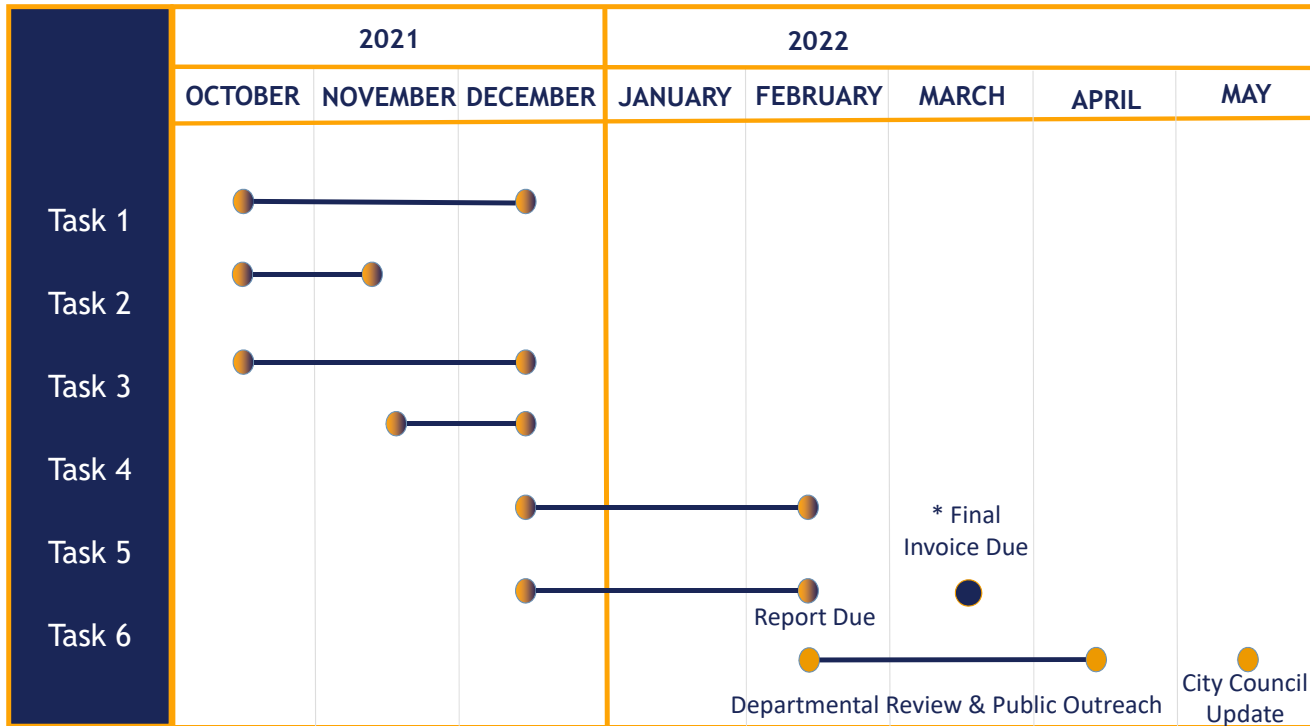
Twenty (20)
ranked
intersections

**High Collision
Intersection List**

- ❖ Countermeasures
- ❖ Conceptual renderings
- ❖ Preliminary cost estimate
(10 intersections)

Project Ready List

Task	Description
1	Review & recommend revisions in the overall development and process of the ISIP
2	Acquire relevant traffic collision data from TxDOT's CRIS & from City
3	Analyze CRIS data by organizing records by intersections; types of collisions; type of user; severity; & collision contributing factors
4	Identify the intersections with highest risks of traffic collisions by fatality rate; collision rate; & collision frequency
5	For each high-risk intersection, develop short-term & long-term countermeasures ; create conceptual renderings of the modifications; & determine preliminary cost estimates
6	Produce & deliver written Project Report



● * Not Related to Project Deliverable ● Streets & Maintenance Responsibilities



Presentation Overview

- ❖ Program Initiatives
- ❖ Program Development
- ❖ Investment in Traffic Safety
- ❖ Agreement Purpose
- ❖ Agreement Overview
 - ❖ General Information
 - ❖ Entity Responsibilities
 - ❖ Project Timeline
 - ❖ Benefits
- ❖ Requested Council Action

Requested Council Action

This agreement is a sub-agreement stemming from our 2018 MOU with UTEP

A resolution authorizing the Mayor to sign an Interlocal Agreement between the City and UTEP for the implementation of the Intersection Safety Improvement Program being developed by the City's Streets and Maintenance Department.





Mission

Deliver exceptional services to support a high quality of life and place for our community

Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government

Values

Integrity, Respect, Excellence, Accountability, People



Misión

Brindar servicios excepcionales para respaldar una vida y un lugar de alta calidad para nuestra comunidad



Visión

Desarrollar una economía regional vibrante, vecindarios seguros y hermosos y oportunidades recreativas, culturales y educativas excepcionales impulsadas por un gobierno de alto desempeño



Valores

Integridad, Respeto, Excelencia, Responsabilidad, Personas