





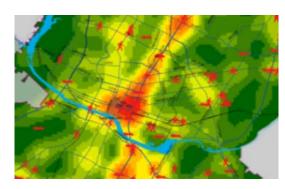
Vision Zero Action Plan Vision

Multi-Pronged Approach

- Land use, transportation, infrastructure, engineering, & design;
- Enforcement & prosecution;
- Education, culture change, public health, & equity.

Vision Zero Action Plan

Focus Areas



Evaluation



Enforcement



Engineering



Education



Policy

Safety Engineering Initiatives Under Vision Zero

- Fatality Review Board
- High Priority Intersection Safety Improvement Projects
- 2016 Mobility Bond Intersection Safety Projects:
 Dedicated \$15 million at Top Crash Locations
- Pedestrian Safety Action Plan
- Speed Management Program (Revamping Underway)

Fatality Review Board (FRB)

What is it?

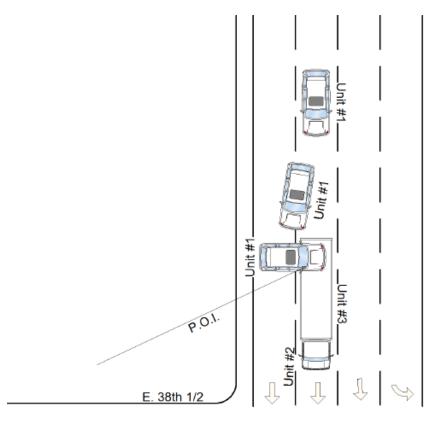
- Inter-Agency review of each fatality occurring on a roadway within City limits; started in 2015
- Agencies involved: TxDOT,
 ATD, APD, Travis County,
 FHWA, Public Health
- Collaboratively recommend improvements and review all fatal crashes



Fatality Review Board (FRB)

What does the ATD safety team do to prepare for FRB?

- Field investigations
- Crash reports for the previous years
- Step-by-step review of pedestrian facilities, lighting, roadway conditions, intersection controls, etc.





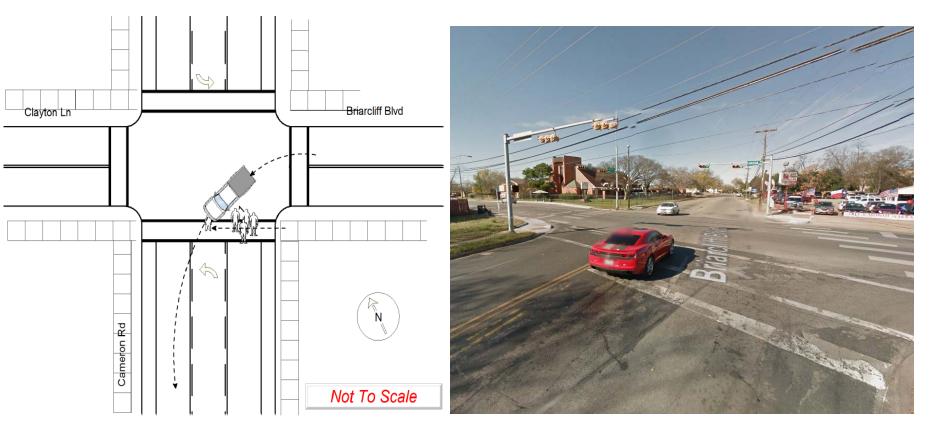
Fatality Review Board (FRB)

Some of the engineering tools we use in response to fatalities:

- Striping lanes and crosswalks
- Painting curbs
- Adding signage (chevrons, speed advisory, yield, stop, etc.)
- Raised Pavement Markings to provide for better visibility of curves



Fatality – Cameron & Briarcliff



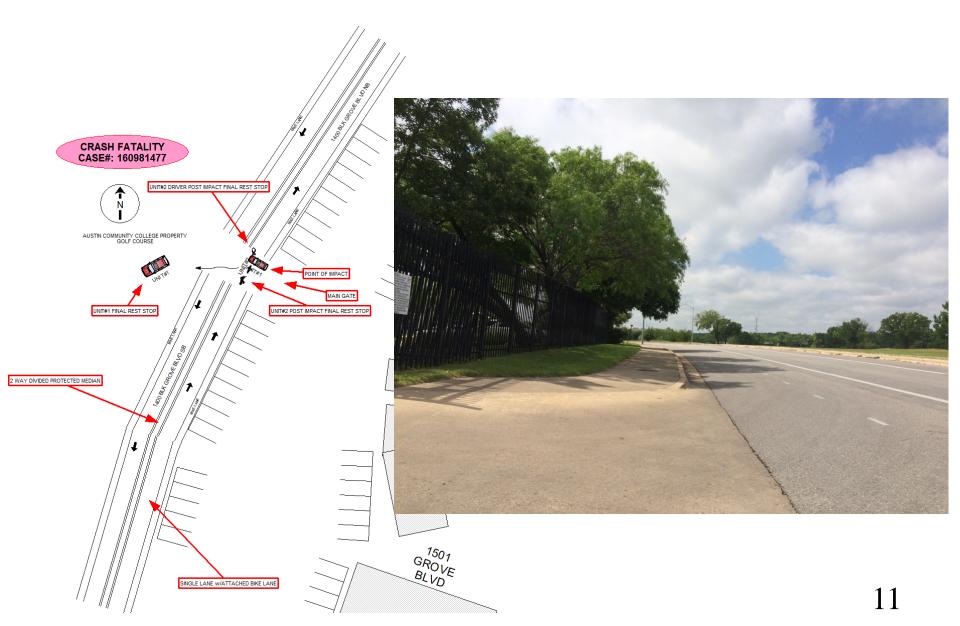
- Child passed in front of stopped CapMetro bus and was hit by passing car.
- Engineering revised signal phasing and installed required hardware to add protected left

Fatality – William Cannon & Bill Hughes



- Pedestrian crossing
 William Cannon heading
 north
- "Upraised Hand" signal was not lit (potential bulb out)
- Engineering directed
 Arterial Management to fix issue

Fatality – Grove Blvd, N. of Riverside Dr



Fatality – Grove Blvd, N. of Riverside Dr

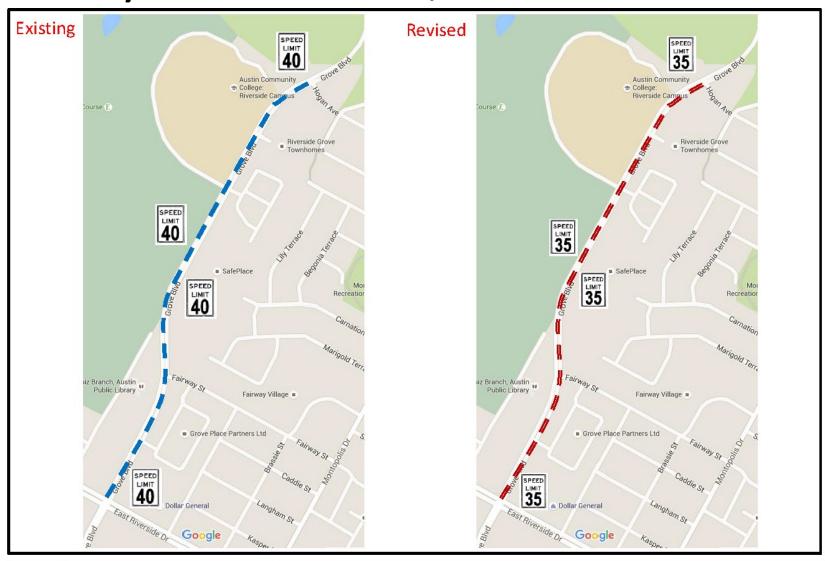




Figure 1: Grove Boulevard

Existing 40 MPH: Proposed 35 MPH:



Fatality – S. 1st & St. Elmo



- Pedestrian crossing S. 1st Street
- Adequate lighting found at this intersection
- Vertical curve is present, sight distance still acceptable
- Engineering put in work order to repaint continental crosswalks

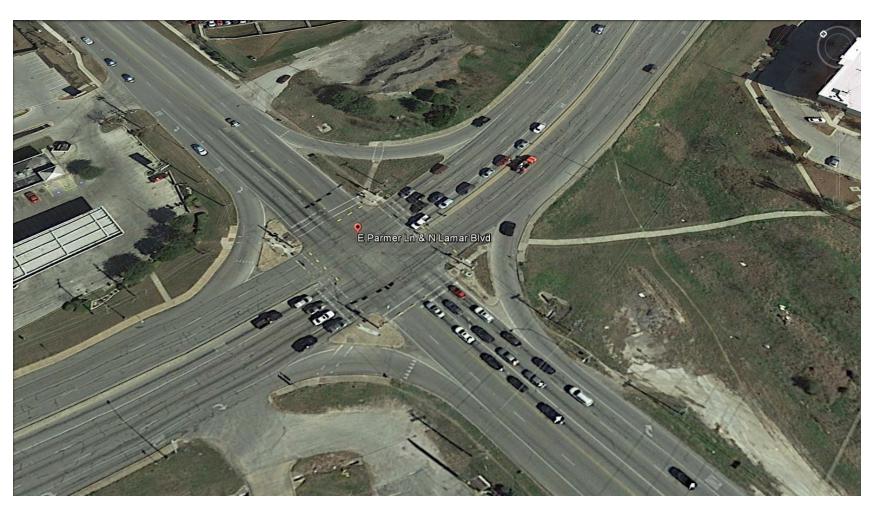
Intersection Safety Improvement Program

What is it?

- Intersection safety improvements based on crash statistics and patterns
- Crash analysis, safety engineering study, detailed design, and Construction
- All modes/users taken into account

Safety Improvement Project: Lamar Blvd / Parmer Lane

Before:



Safety Improvement Project: Lamar Blvd / Parmer Lane

After:



Safety Improvement Project: Lamar Blvd / Parmer Lane

43% Reduction

Before:



After:



Safety Improvement Project: Lamar Blvd / Rundberg Lane

22% Reduction



Safety Improvement Project: Lamar Blvd / Rundberg Lane





PHB installed at Rutland Drive: Lamar Blvd /Rundberg Lane Project

Safety Improvement Project: SH 183 Service Rd / Cameron Rd

57% Reduction





Pedestrian Refuge & Crosswalk at 183/Cameron

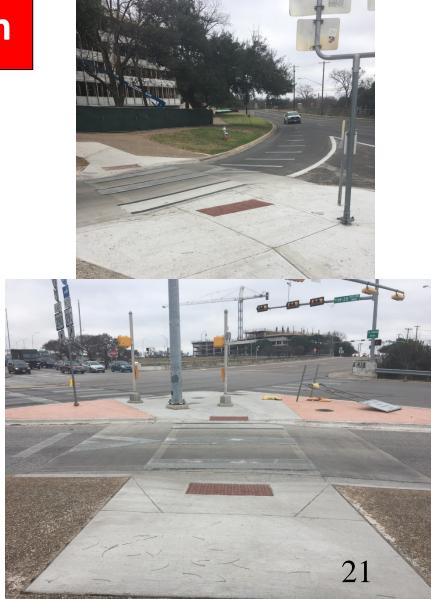
Safety Improvement Project: IH 35 Service Rd / MLK Blvd

After:

61% Reduction

Before:







INTERSECTION SAFETY PROJECTS

INTERSECTION	DISTRICT
Airport Blvd / MLK	1
Airport Blvd / 12 St	1
Airport Blvd. / Oak Springs Dr.	1,3
IH 35 SR (NB) / 7 Street	1, 3, 9
I-35 Service Rd. (NB) / Braker Ln	1,4,7
8th Street/IH35	1,9
Slaughter Ln. / Cullen Ln.	2,5
Slaughter Ln/ South 1 st Street (early out)	2,5
Willow Creek Dr./Riverside Dr.	3
Riverside Dr. / Wickersham Ln.	3
East Riverside / Tinnin Ford Rd	3
Pleasant Valley/ Elmont (early out)	3
EB Riverside Dr. / Pleasant Valley Rd.	3
E Oltorf/Parker Ln	3,9

INTERSECTION	DISTRICT
S Congress Ave. / Oltorf St (early out)	3,9
I-35 Service Rd. (NB) / Cesar Chavez St.	3,9
I-35 Service Rd. (NB) / Rundberg Ln.	4
Lamar Blvd. / Payton Gin Rd.	4
Airport Blvd. / RM 2222 (Koenig Ln)	4
Lamar Blvd. (Loop 275) / RM 2222 (Koenig Ln.)	4,7
N lamar Blvd/W St Johns Ave	4,7
S Lamar Blvd / Manchaca Rd	5
US 183 SR (NB) / Lakeline Blvd	6
Braker Ln. / Stonelake Blvd.	7
Red Bud Trail / 3400 Block - W of River Crossing	8,10
Slaughter Ln/Brodie Ln	8,5
45th St. / Red River St.	9
Barton Springs Rd / S 1st St	9



INTERSECTION SAFETY PROJECTS

- Funding allocation: \$15 million
- Appropriation to-date: \$8.5 million
- First 8 intersection Safety Projects are underway (various phases)
- Pleasant Valley Rd./Elmont Dr. (in Construction since Sep. 2017)
- Slaughter Ln./South First St. (1st phase of Construction completed Sep. 2017; in Detailed Design)
- South Congress Ave./Oltorf St. (in Construction since Feb. 2018)
- Slaughter Ln./Cullen Ave. (in Final Design)
- ➤ I-35 Service Rd./Braker Ln. (in Final Design)
- E. 45th St./Red River St. (in Final Design)
- E. Oltorf/Parker Ln. (in Preliminary Engineering)
- Braker Ln./Stonelake BLvd. (in Preliminary Engineering)

Pleasant Valley Rd/Elmont Dr

Before:



During Construction:



Pleasant Valley Rd/Elmont Dr



Questions?