

# Crash Analysis Studio

Session 14: San Antonio, Texas

February 23, 2024



# Today's Panelists

Joey Pawlik

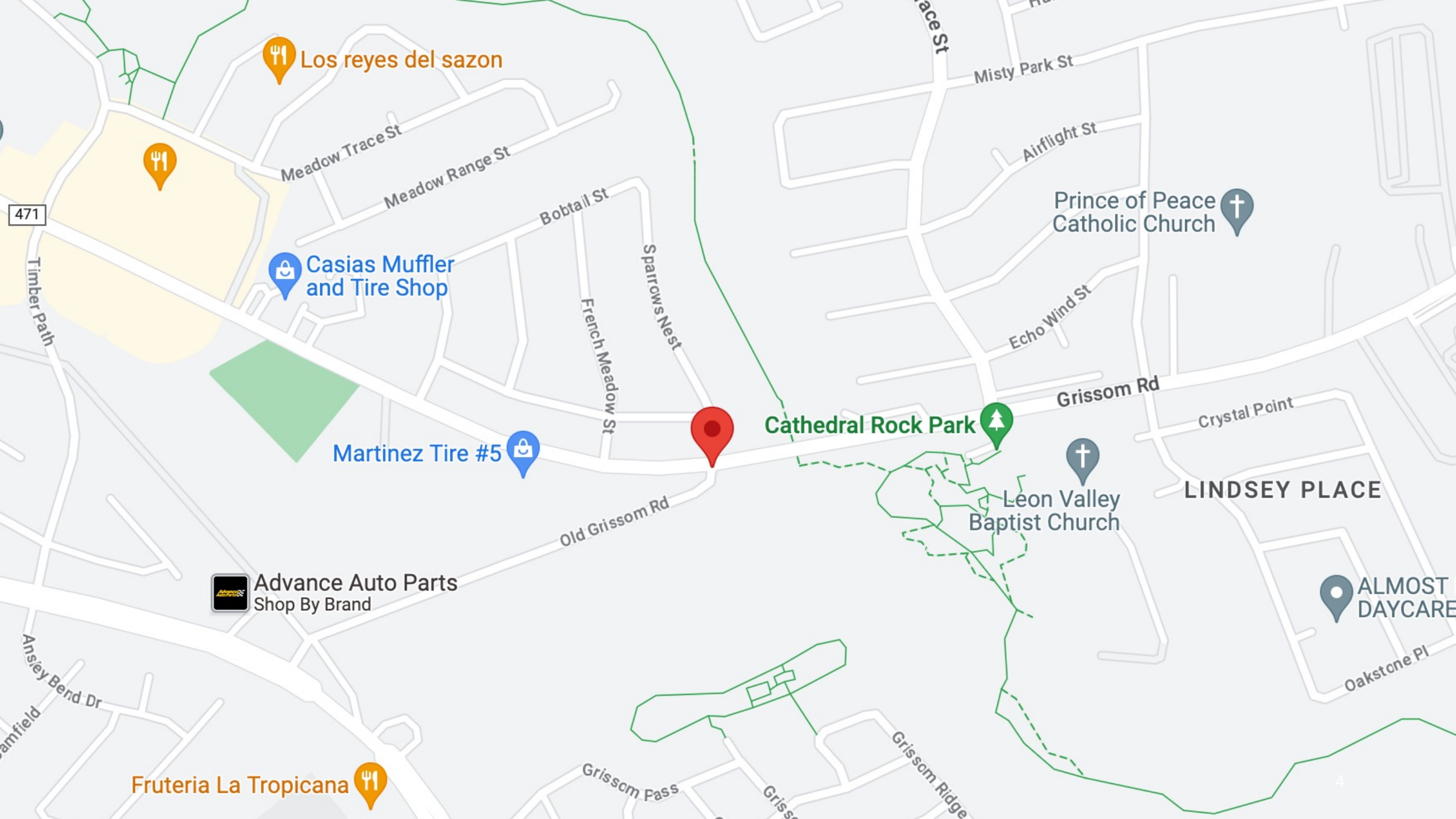
Yamini Karandikar

Alex Cruz

Edward Erfurt

# Crash Information

- Vehicle A, a Toyota Highlander was driving north on Old Grissom Road and prepared to take a left turn to go west onto Grissom Road, thinking that approaching Vehicle B was preparing to turn.
- Vehicle B, a Lexus IS, was actually traveling east in the outer lane of Grissom Road and hit the Highlander as it pulled out into the intersection.
- The crash occurred at 5:59pm on May 12, 2023
  - There were no fatalities.
- Weather reports tell us it was cloudy in the mid 80s that evening.



Los reyes del sazon



Casias Muffler and Tire Shop



Martinez Tire #5



Advance Auto Parts Shop By Brand



Fruteria La Tropicana



Cathedral Rock Park



Prince of Peace Catholic Church



Leon Valley Baptist Church



LINDSEY PLACE

ALMOST DAYCARE



471

Timber Path

Meadow Trace St

Meadow Range St

Bobtail St

Sparrows Nest

French Meadow St

Old Grissom Rd

Trace St

Misty Park St

Airflight St

Echo Wind St

Grissom Rd

Crystal Point

Ansey Bend Dr

Sanfield

Grissom Pass

Grissom

Grissom Ridge

Oakstone Pl



Grissom Rd

471

EMPIRE AUTO GROUP  
Used car dealer

471



Old Grissom Rd

Old Grissom Rd

# Crash Information

- The speed limit on Grissom Road is 45 miles per hour (mph); the limit on Old Grissom Road is 35 mph.
- The crash report does not indicate if witness statements were gathered
  - Surveillance seems unlikely given the location
- The crash report listed damage severity for both cars at a 4 out of 7.

# Crash Details

- The crash report indicates that the primary factor was failure to yield during a left turn
- According to the report and media coverage, no one was injured during the crash
- Drug and alcohol specimens were listed as “none”

# Overall Site Conditions

- **Grissom Road** is a 5 lane roadway at this location
  - Grissom Road has 4 through traffic lanes – two eastbound and two westbound
  - At this intersection, Grissom Road has a center turning lane dedicated to westbound traffic turning left onto Old Grissom Road.
- The intersection is unsignalized; however the City has funded a project to install a signal at this intersection during 2024
- There are no marked crosswalks





**Looking East at Crash Location  
From West Side of Intersection**





**Looking West at Crash Location  
From East Side of Intersection**



**Westbound Grissom Vehicles  
Turning Left onto Old Grissom**





**Eastbound Grissom Traffic  
Approaching Intersection w/ Old Grissom**





**Traffic Lineup at Stop Sign  
Old Grissom**



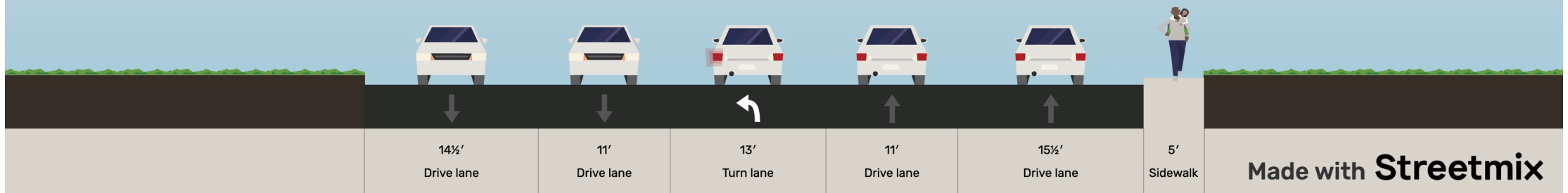


← Intersection Memorials

Evidence of Destruction →



# Grissom Road



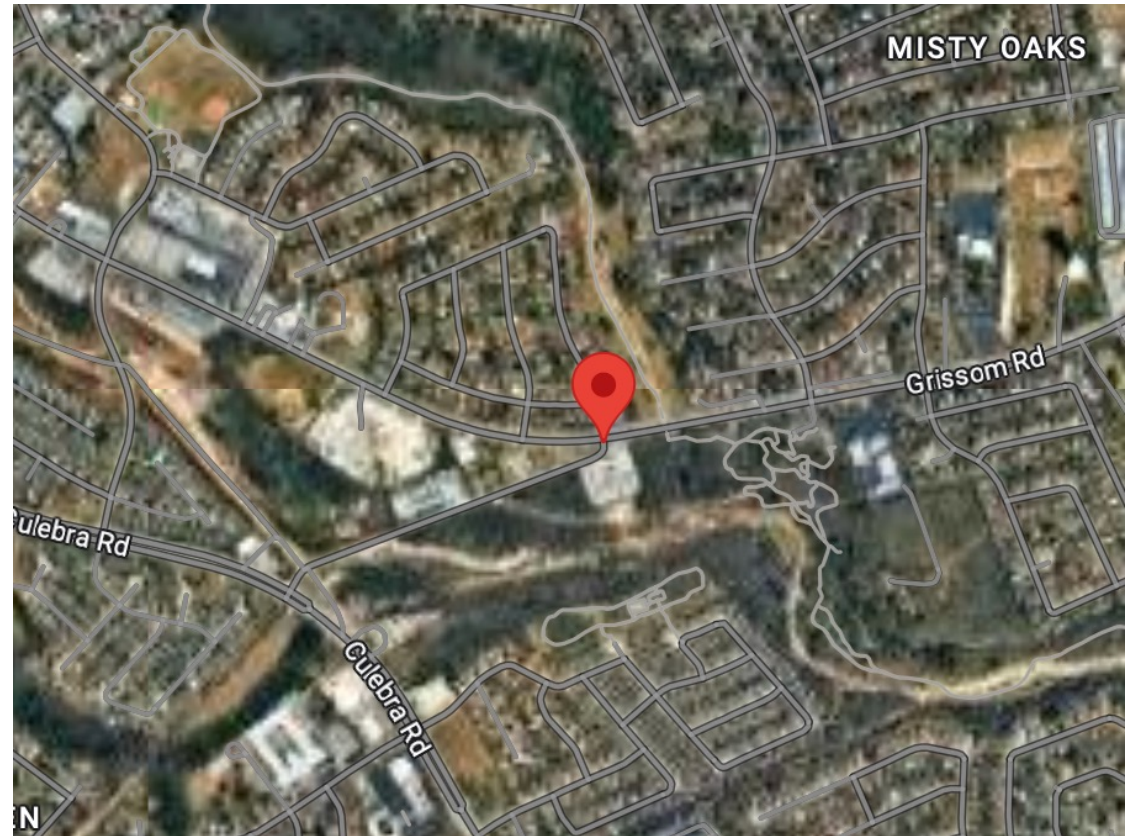
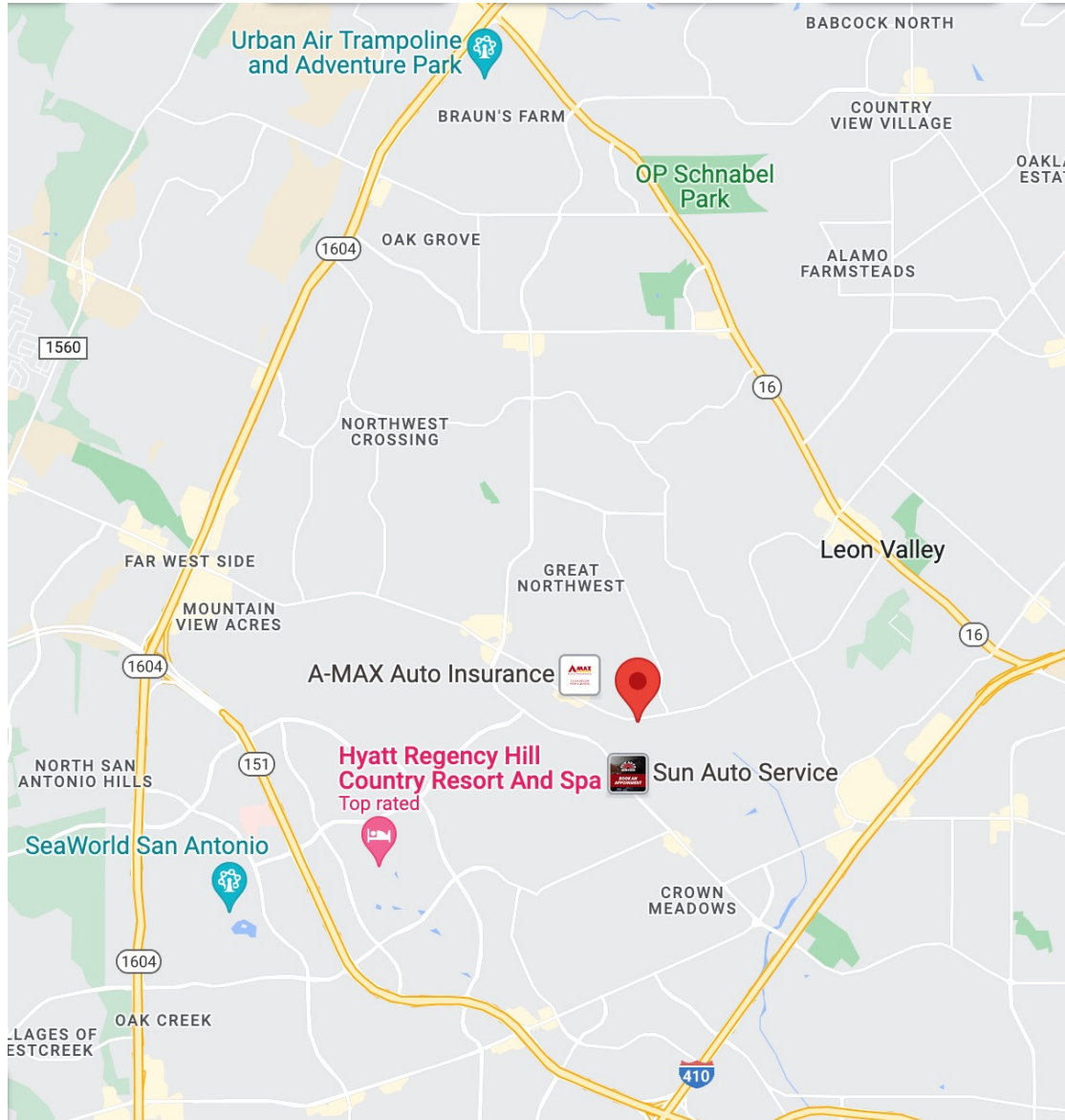
Made with **Streetmix**

1 Sidewalk: 5'  
Westbound Lanes: 15.5' & 11'  
1 Turn Lane: 13'  
Eastbound Lanes: 11' & 14.5'  
Total Width: 70'



# Overall Site Conditions

- Suburban Development Pattern with a mixture of residential and commercial properties
- Located within a diamond of state highways (Texas 151, the 1604 loop, & Texas 16) and Interstate 410
- Grissom Road connects to the 1604 loop on its western end and Texas 16 on its eastern end
- Two elementary schools and a middle school nearby this intersection

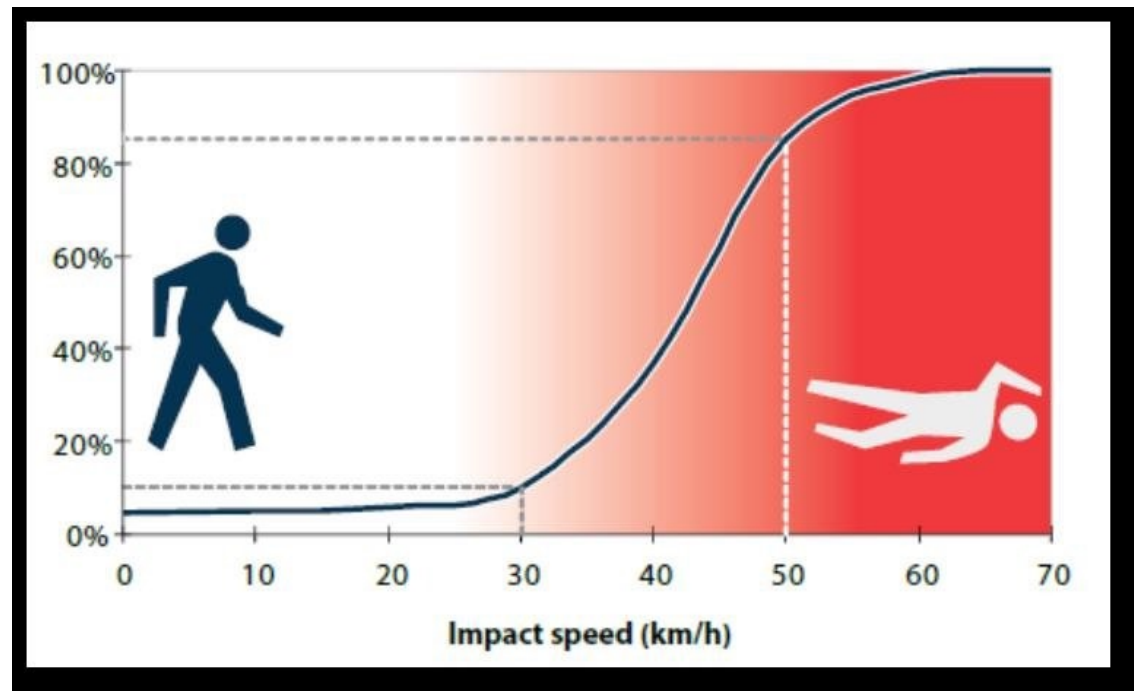


# Overall Site Conditions

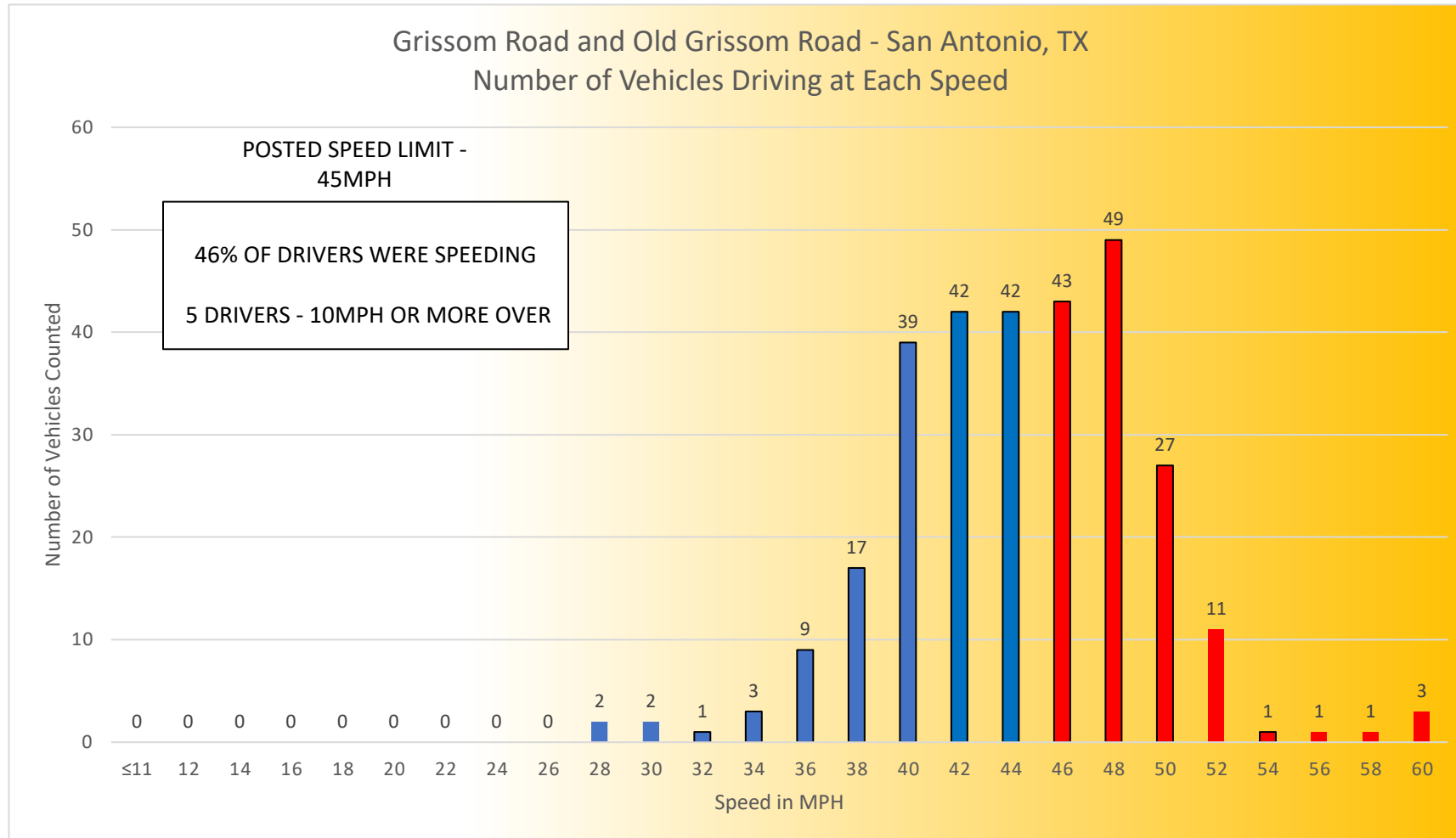
- Preliminary Speed Study indicates significant number of automobiles traveling at fatal speeds

The effects of higher speed limits on traffic fatalities in the United States, 1993–2017.

-Insurance Institute for Highway Safety



# Speed Data



\*85<sup>th</sup> percentile speed = 48 MPH  
293 cars tracked

# Acknowledgements & Special Thanks

- Our Panelists Alex Cruz, Yamini Karandikar, Joey Pawlik, and Edward Erfurt
- Extra thanks to Yamini for also being our nominator and gathering resources
- Other San Antonio community members—including city staff, Jack Turek, and Sheikh Kenneh—who helped with gathering information
- Strong Towns Staff