



# SH 29 CORRIDOR STUDY, PUBLIC MEETING #3

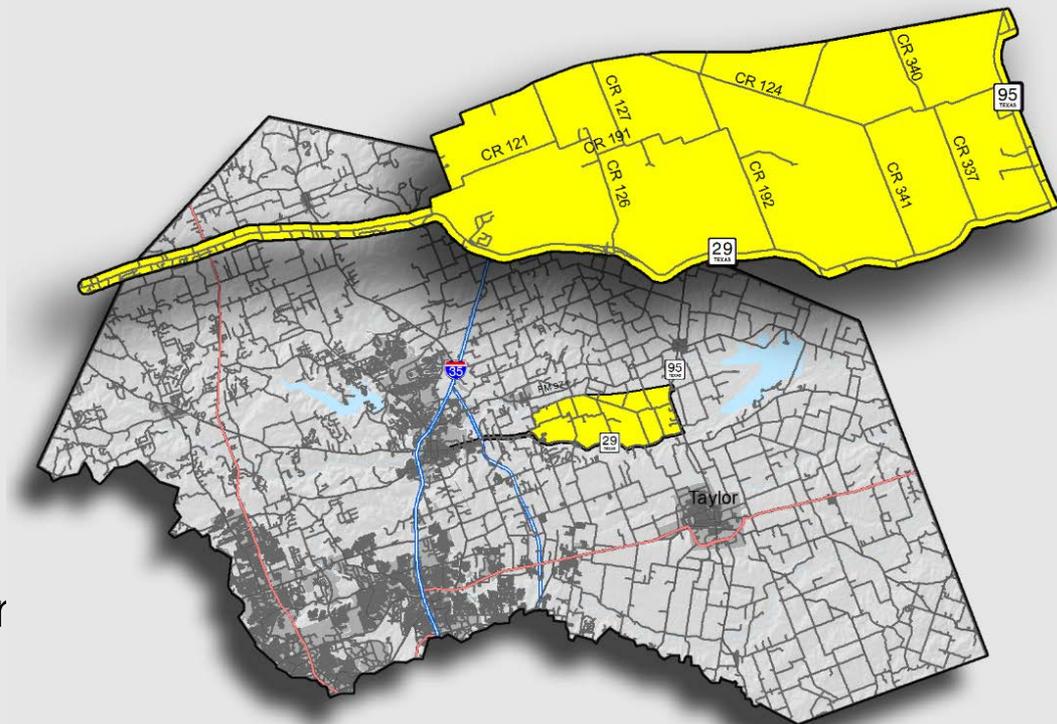
Limits: From Southwestern Boulevard  
to SH 95

Nov. 10, 2016



# Project Overview and Purpose of Meeting

- Introductions
- Purpose of this meeting
  - Provide information on the SH 29 Corridor Study
  - Recap what TxDOT heard from Public Meetings #1 and #2
  - Discuss what has been done based on public input
  - Explain next steps
  - Receive additional input from public



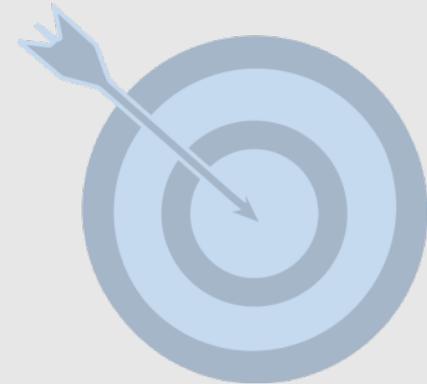
- TxDOT is conducting this corridor study to determine future roadway improvements that would efficiently serve the community's transportation needs.
- The purpose of this study is intended to identify a recommended option or options that would be further evaluated if the project is advanced.
- This is a planning study and does not include the development of construction plans.

# Williamson County Long Range Transportation Plan

- The Plan identifies road and transit improvements that should be built or improved over the next 25 years.
  
- The Plan identifies a new location controlled access roadway from east of the San Gabriel River to SH 95.
  
- Why TxDOT is involved:
  - SH 29 is on the state highway system and maintained by TxDOT; additionally, TxDOT is partnering with Williamson County to study the SH 29 corridor.

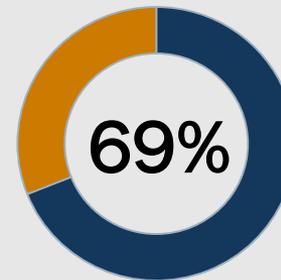
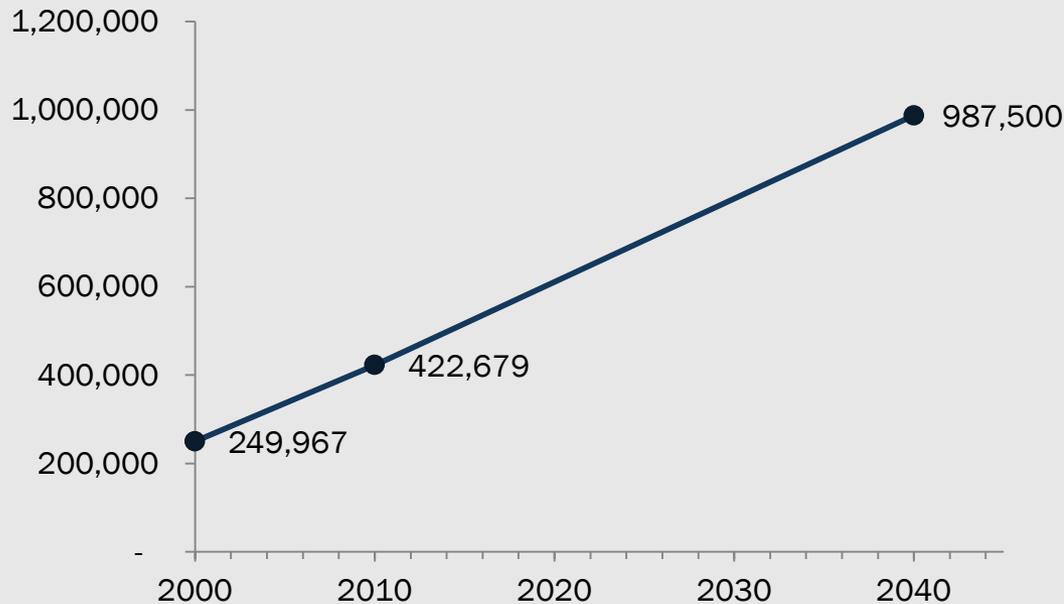
# SH 29 Purpose and Need

- **PURPOSE:** To upgrade the existing roadway to meet current design standards and potentially provide a new location alignment between SH 130 and SH 95.
  
- **NEED:** The proposed project is needed in order to:
  - Accommodate existing and projected traffic volumes
  - Improve safety
  - Address roadway flooding



Williamson County is one of the fastest growing counties in the U.S.

## Williamson County Population

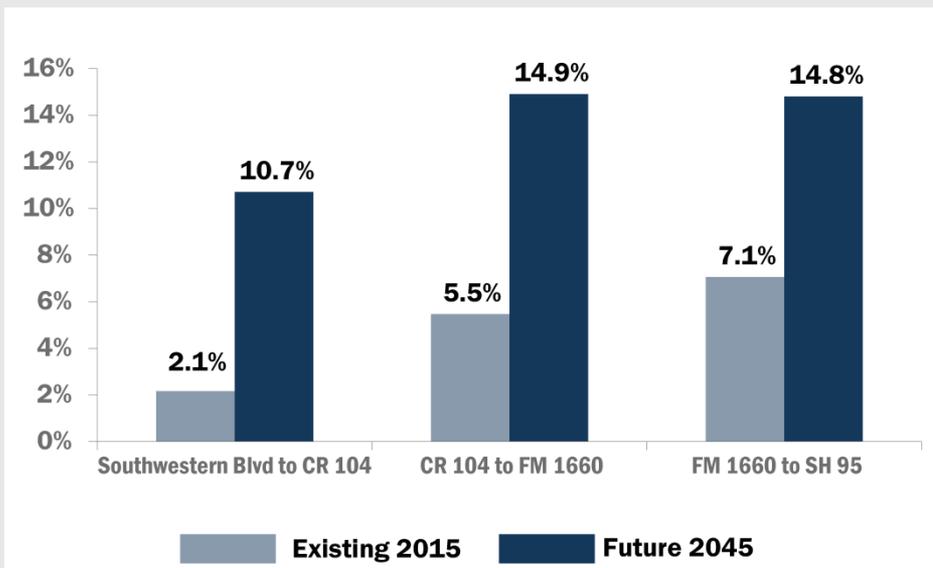


Williamson County's  
population  
increase since  
2000.

Source: US Census Bureau and Texas Water Development Board

# SH 29 Existing and Future Traffic Projections

## Forecasted Truck Percentage on Corridor



Source:

Existing – 2015 peak hour turning movement counts

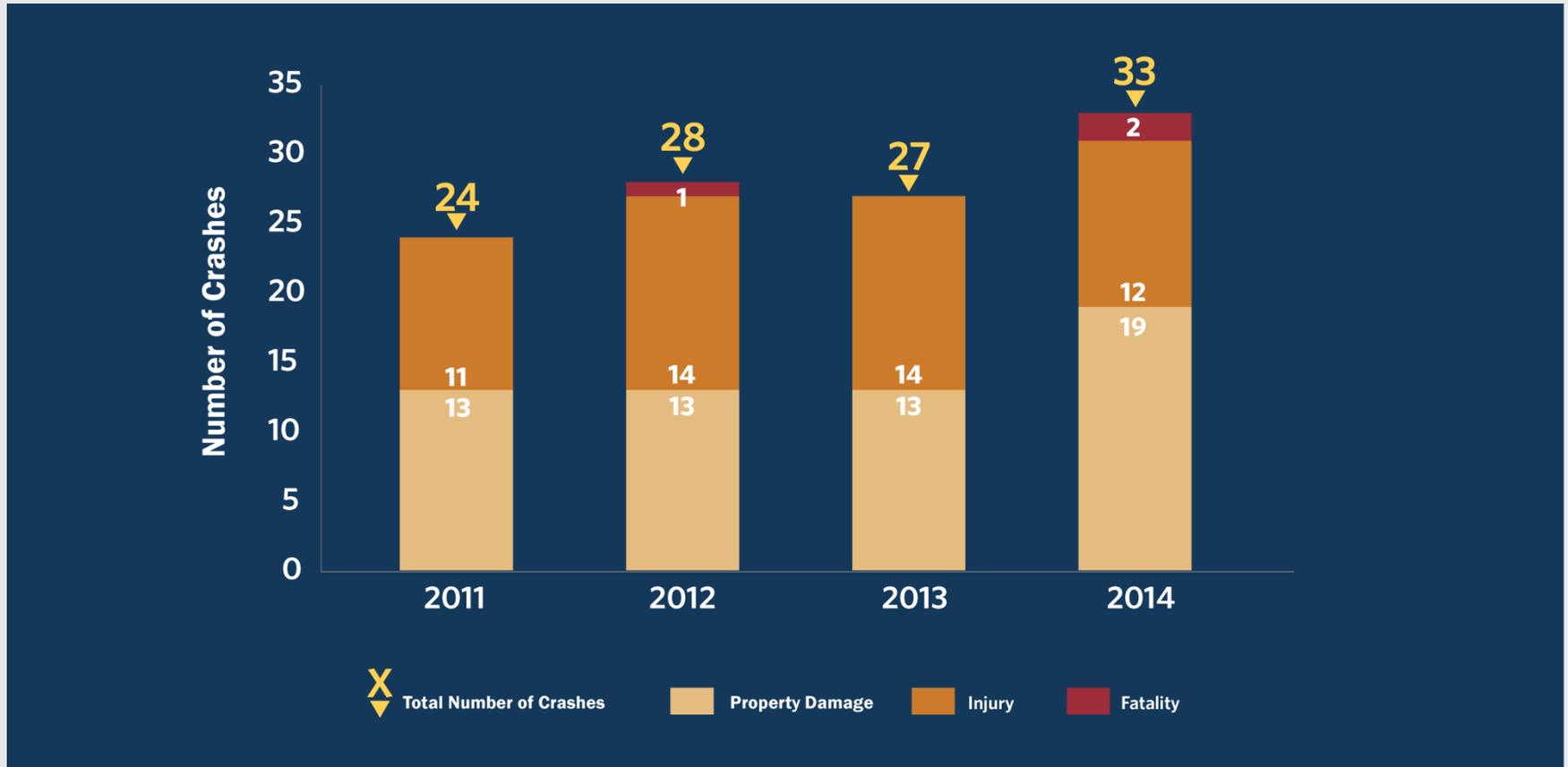
Future – TxDOT Statewide Planning Map

Location	2015 ADT*	2045 ADT**	Annual Growth
Southwestern Blvd. to SH 130	13,900	27,100	2.3%
SH 130 to CR 120	8,000	25,700	4.0%
CR 120 to SH 95	3,800	19,600	5.7%

Source: \* TxDOT, \*\*2040 CAMPO Model with growth rate

# Improve Safety

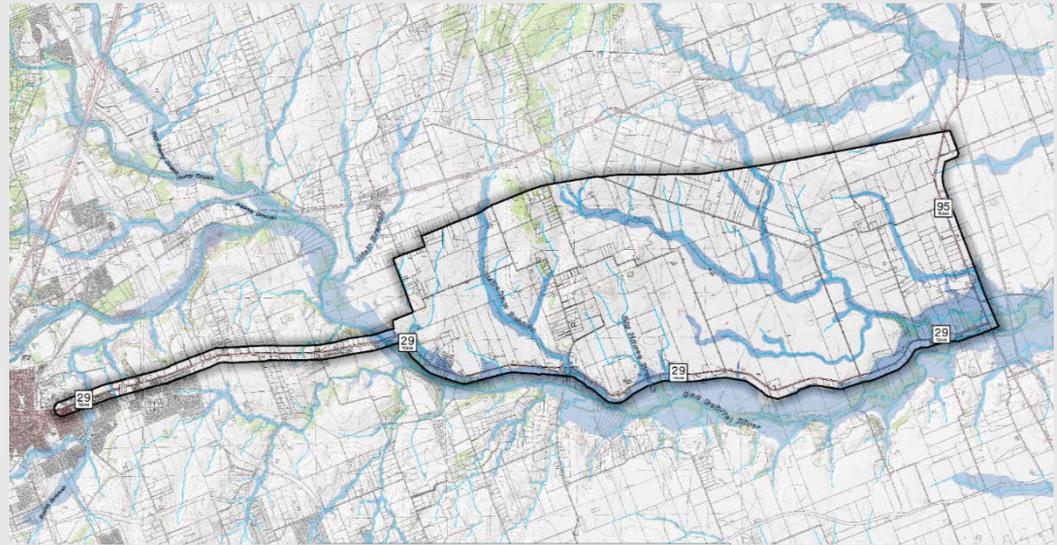
## Crash History and Severity



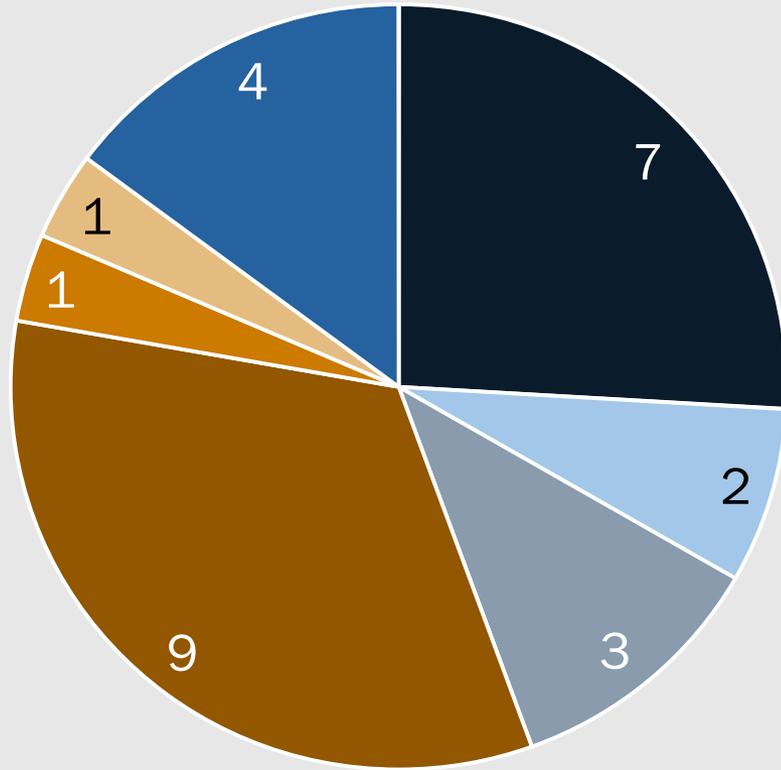
Source: TxDOT Maintained Crash Records Information System, 2014

# 100-Year Floodplain

- Roadway closed four times within a 16-month period from 3/15 to 6/16
- Analyze options for adding fill into the floodplain
  - Not cost effective
  - Lengthy permit coordination with FEMA and US Army Corps of Engineers
- Options considered
  - Elevate roadway with fill
  - Elevate roadway with fill/retaining walls
  - Channel storage/detention
    - Size approximately 1000 feet wide and 20 feet deep
- Debris removal in channel would help with smaller storm events, but not large events



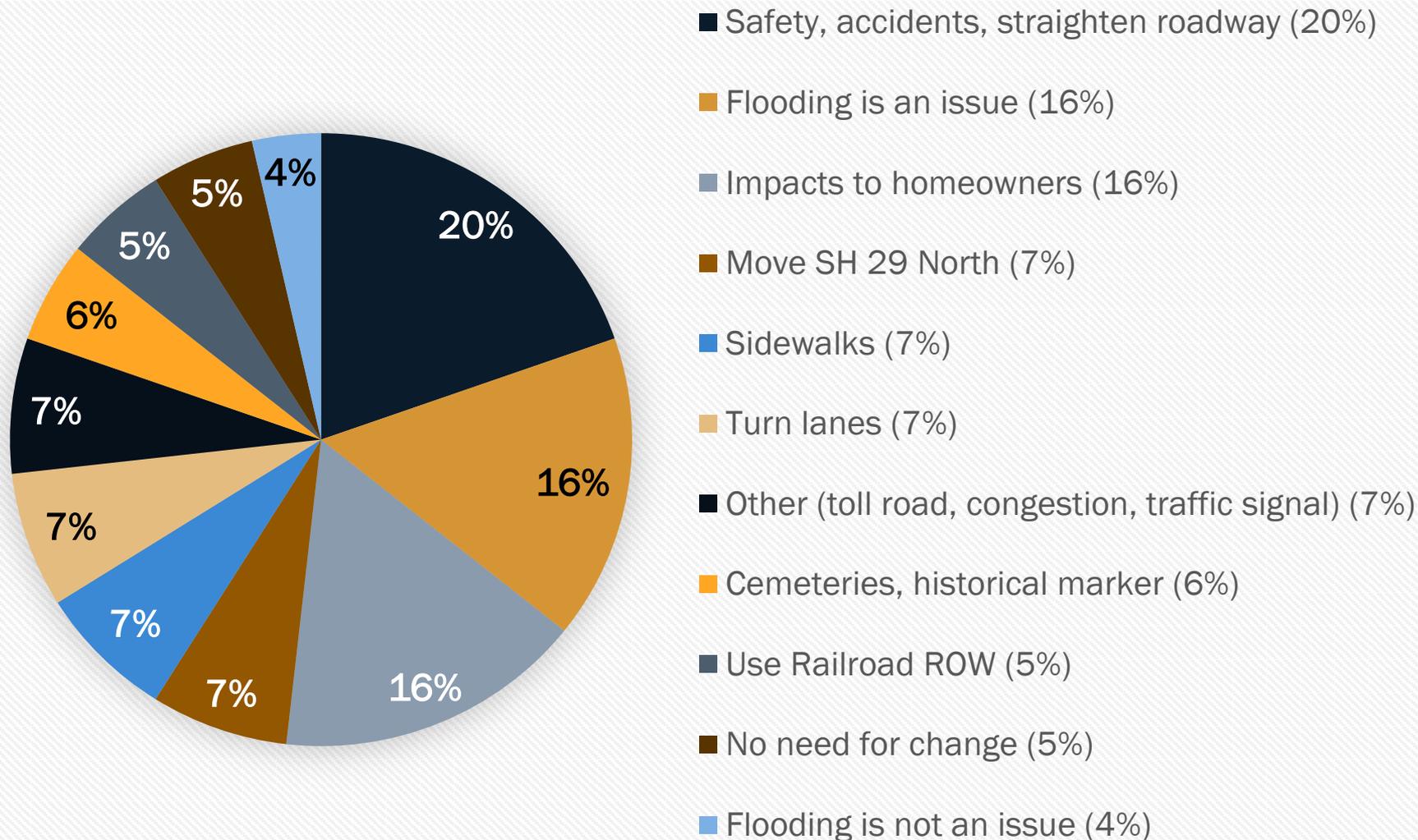
# Flood Maintenance Summary from March 2015 to June 2016



- Water over the roadway (7)
- Motorists should expect delays (2)
- Travel lanes reduced to one lane (3)
- Use alternate route (9)
- Dirt and debris over roadway (1)
- Travel discouraged (1)
- Roadway closed (4)

Source: TxDOT 2016

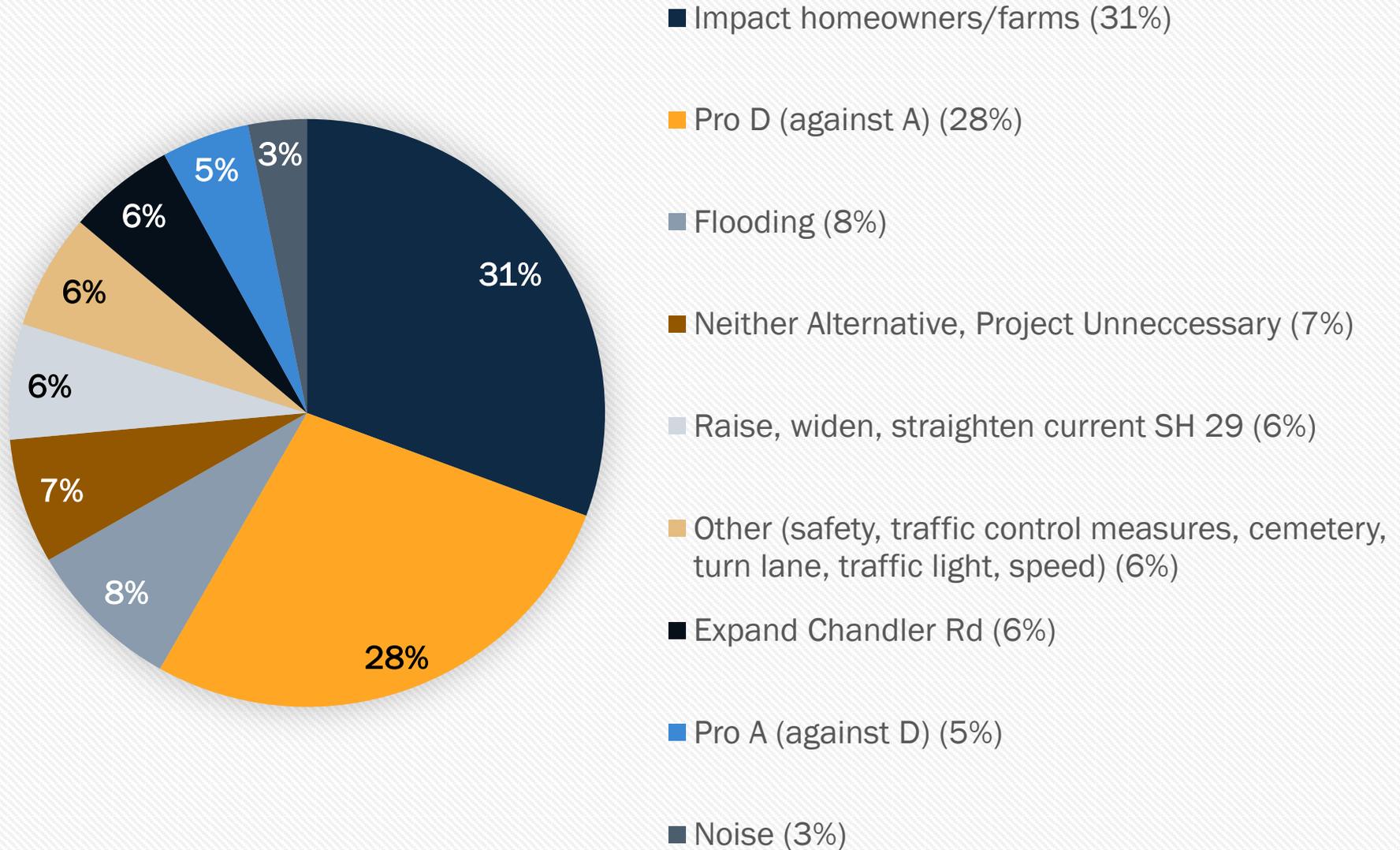
# Public Meeting #1 Comment Summary Period from Sept. 1, 2015 to Sept. 11, 2015



# What Was Done After Public Meeting #1?

- Reviewed all public input received
- Developed Study Area Corridors that:
  - Avoided and/or minimized impacts to parcels and residential properties
  - Utilized existing county or state right-of-way where possible
  - Avoided and/or minimized flooding issues (minimize impacts to floodplains)
  - Minimized bridge structures
  - Avoided and/or minimized impacts based on identified constraints
  - Avoided impacts to cemeteries
- Developed Evaluation Matrix to Compare Corridors
  - Three alternatives were determined to be feasible based on the above criteria
- Scheduled Public Meeting #2 for May 10, 2016

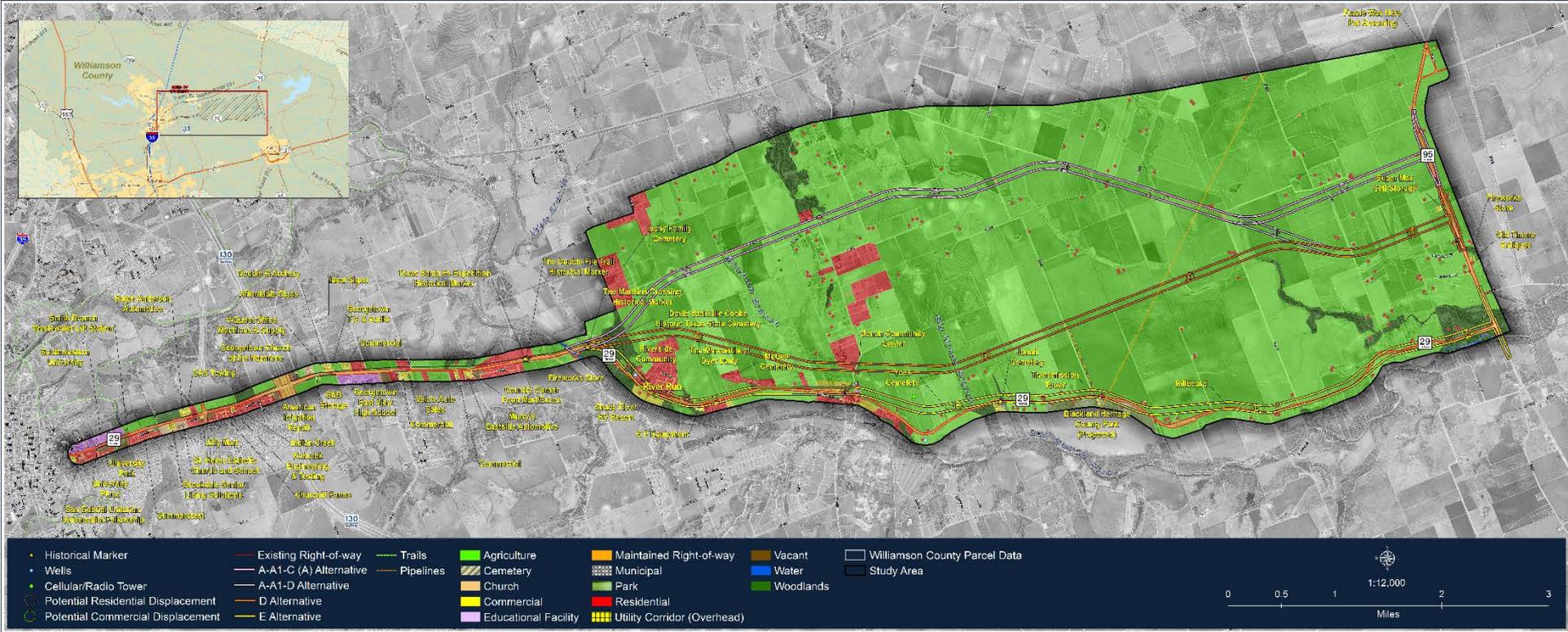
# Public Meeting #2 Comment Summary Period from May 10, 2016 to May 20, 2016



## What Was Done After Public Meeting #2?

- Reviewed and summarized all public input received
- Due to the comments received during the 10-day comment period and the number of comments received after the comment period, it was determined that an additional meeting was necessary
- Scheduled Public Meeting #3 for Nov. 10, 2016

# Reasonable Alternatives



# Preliminary Matrix/Comparison of Alternatives

## PRELIMINARY MATRIX/COMPARISON OF ALTERNATIVES

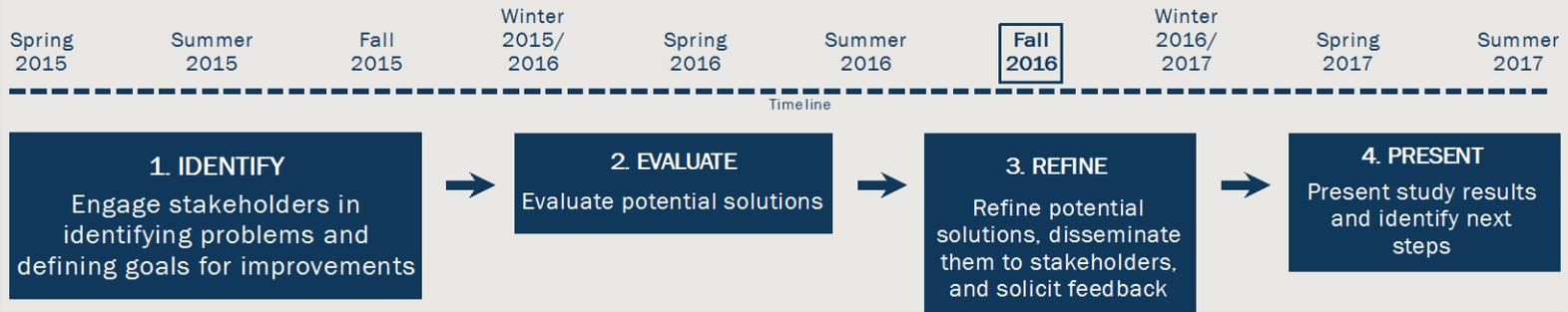
POTENTIAL IMPACTS	UNIT OF MEASURE	A (A-A1-C)	A-A1-D	D	E (IMPROVE EXISTING ALIGNMENT)	NO - BUILD
Length	Mile	13.2	13.3	13.1	13.7	0
Proposed ROW	Acre	386	399	407	348	0
Residential Displacements	Number	7	7	3	26	0
Commercial Displacements	Number	1	2	2	4	0
Parcels Impacted	Number	129	145	142	220	0
Bisected Properties	Number	10	14	24	6	0
Floodplain	Acre	30	34	38	199	0
Prime Farmland Soils	Acre	326	338	359	358	0
Woodlands	Acre	12	15	16	37	0
Potential Impacts to Parks	Acre	0.2 (Trail Use)	0.2 (Trail Use)	0.2 (Trail Use)	7.3 (Blackland Heritage Park-Proposed)	0

# Timeline and Next Steps

## TxDOT Project Development Process



## Phase 1 Timeline for SH 29 Corridor Study



## Please provide **COMMENTS** postmarked by **Nov. 28, 2016**

- You can submit comments by:
  - Placing your comments in the comment box here tonight
  - Email: [www.txdot.gov/apps-cg/contact\\_us/form/SH29-Corridor-Study-Austin-contact.htm](http://www.txdot.gov/apps-cg/contact_us/form/SH29-Corridor-Study-Austin-contact.htm)
  - Fax: (512) 832-7157
  - Mail: P.O. Box 15426, Austin, TX 78761-5426
  - Web: [www.TxDOT.gov](http://www.TxDOT.gov), keyword search “SH 29 from Southwestern Boulevard to SH 95”

