

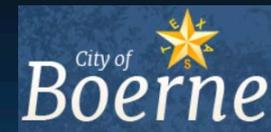


Project Overview



KENDALL GATEWAY STUDY

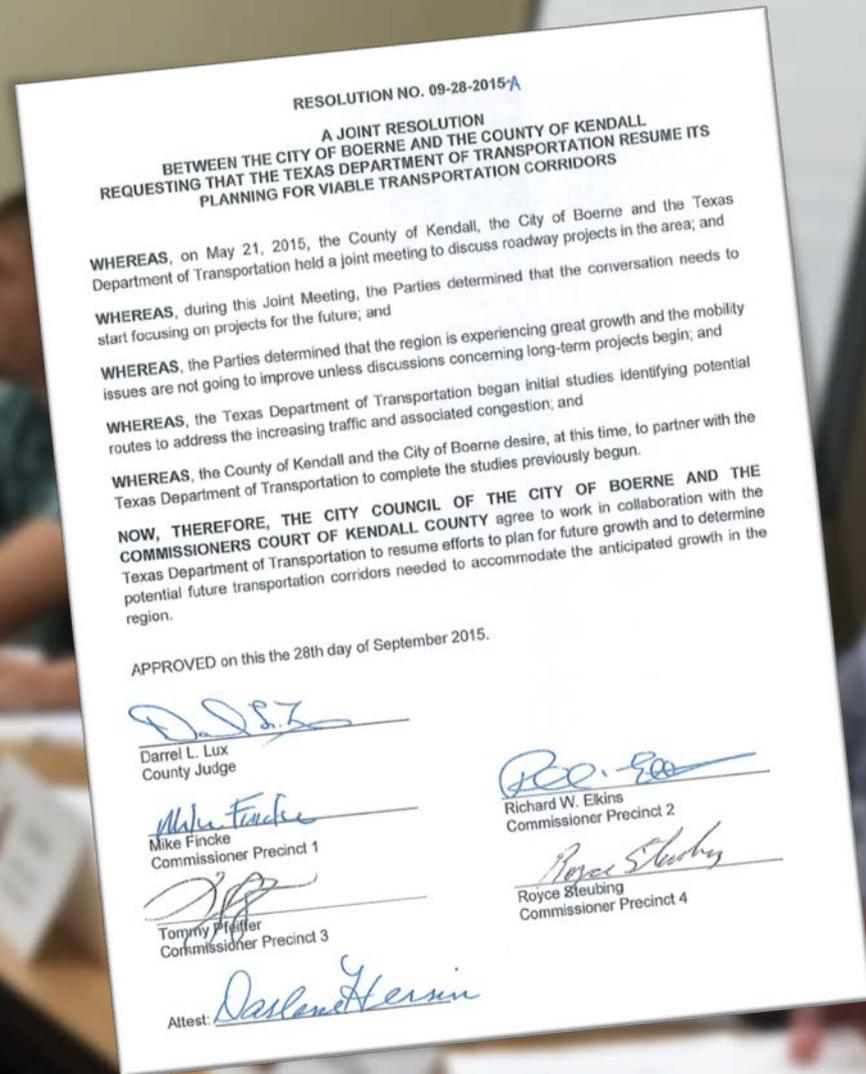
October 2016 – May 2018





How the Kendall Gateway Study Got Started

Joint Resolution
Approved on September 28, 2015 by the Kendall County Judge and Commissioners Court and the City of Boerne Mayor and City Council.



RESOLUTION NO. 09-28-2015-A

**A JOINT RESOLUTION
BETWEEN THE CITY OF BOERNE AND THE COUNTY OF KENDALL
REQUESTING THAT THE TEXAS DEPARTMENT OF TRANSPORTATION RESUME ITS
PLANNING FOR VIABLE TRANSPORTATION CORRIDORS**

WHEREAS, on May 21, 2015, the County of Kendall, the City of Boerne and the Texas Department of Transportation held a joint meeting to discuss roadway projects in the area; and

WHEREAS, during this Joint Meeting, the Parties determined that the conversation needs to start focusing on projects for the future; and

WHEREAS, the Parties determined that the region is experiencing great growth and the mobility issues are not going to improve unless discussions concerning long-term projects begin; and

WHEREAS, the Texas Department of Transportation began initial studies identifying potential routes to address the increasing traffic and associated congestion; and

WHEREAS, the County of Kendall and the City of Boerne desire, at this time, to partner with the Texas Department of Transportation to complete the studies previously begun.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BOERNE AND THE COMMISSIONERS COURT OF KENDALL COUNTY agree to work in collaboration with the Texas Department of Transportation to resume efforts to plan for future growth and to determine potential future transportation corridors needed to accommodate the anticipated growth in the region.

APPROVED on this the 28th day of September 2015.

[Signature]
Darrel L. Lux
County Judge

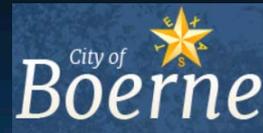
[Signature]
Mike Fincke
Commissioner Precinct 1

[Signature]
Tommy Pfeiffer
Commissioner Precinct 3

Attest: *[Signature]*

[Signature]
Richard W. Elkins
Commissioner Precinct 2

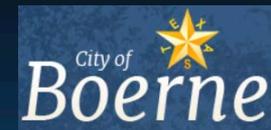
[Signature]
Royce Steubing
Commissioner Precinct 4

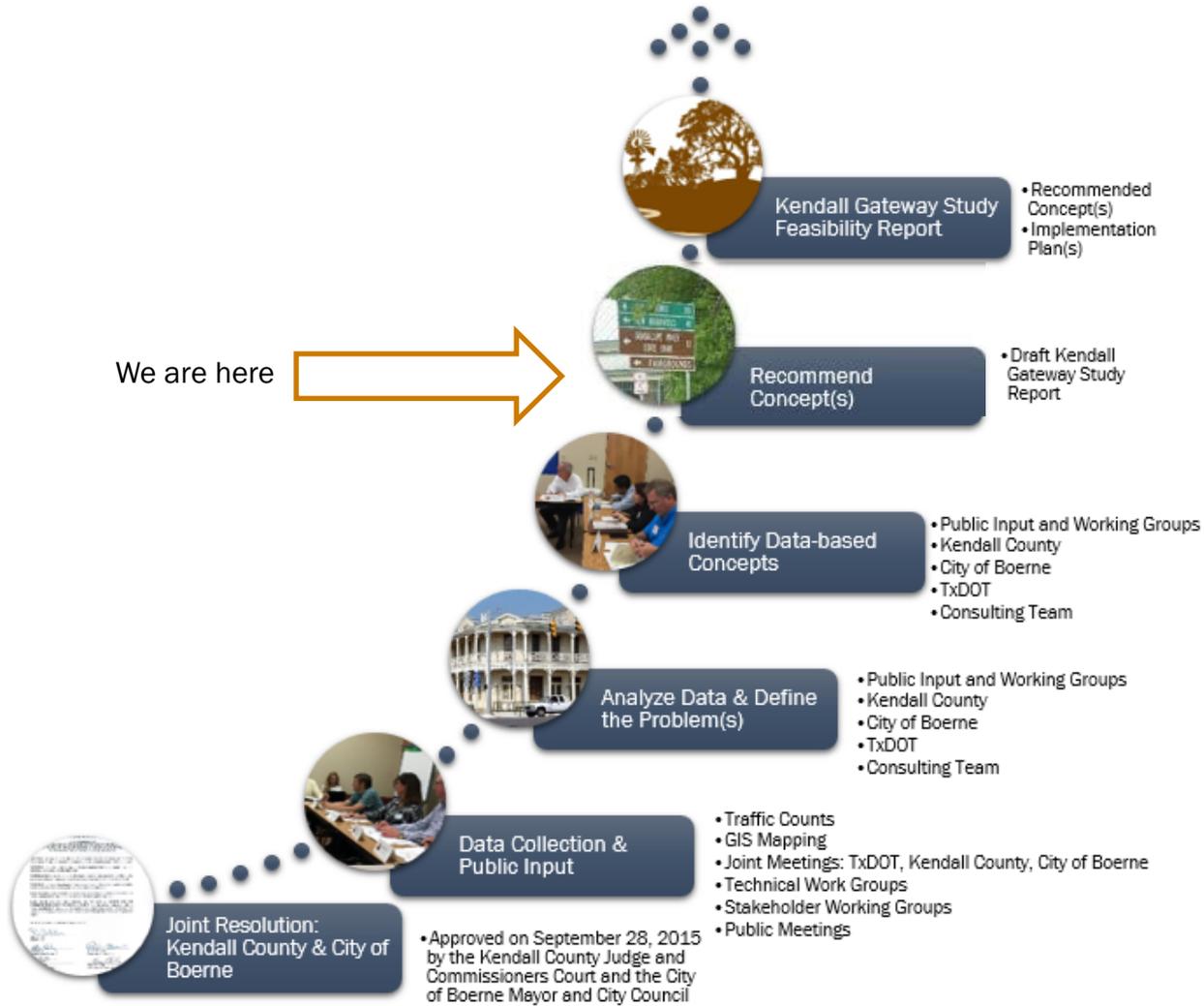




KENDALL GATEWAY FEASIBILITY STUDY

- 1 This is a data-driven planning study.
- 2 ***Goal of Study:*** Identify viable corridors with the intent to preserve right-of-way (ROW).
- 3 Method of corridor ROW preservation to be determined.



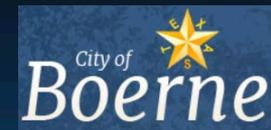




Data Collection



KENDALL GATEWAY STUDY

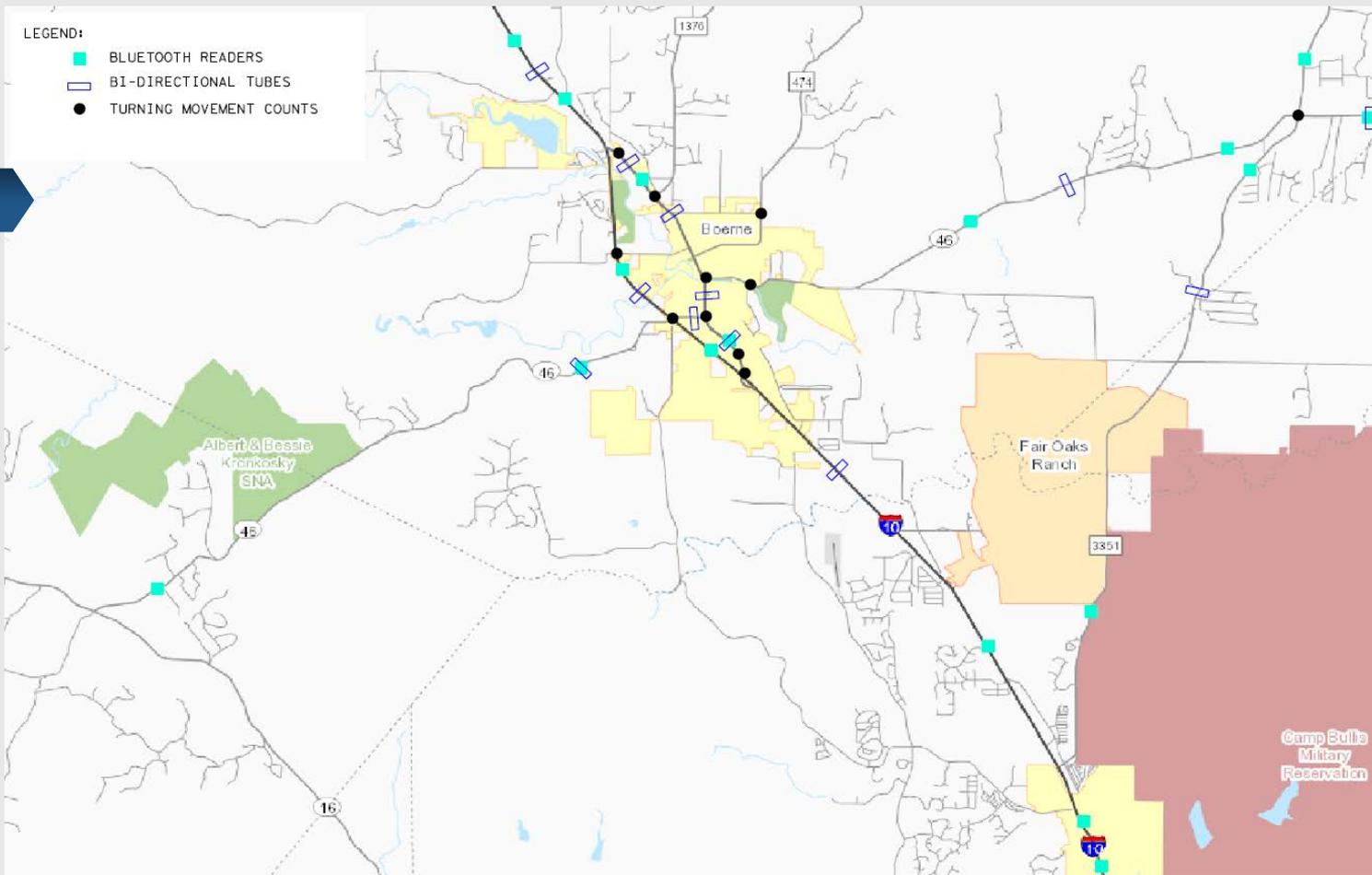




TRAFFIC ANALYSIS OVERVIEW

3 Data Collection Methods

- Bluetooth Readers
- Bi-Directional Tube Counters
- Turning Movement Counters (Video)





CONCEPTS SCREENING

PROCESS

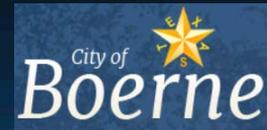
Identify Universe of Concepts

Level 1 Screening (Fatal Flaw Analysis)

Reasonable Concepts

Level 2 Screening

Recommended Concept(s)





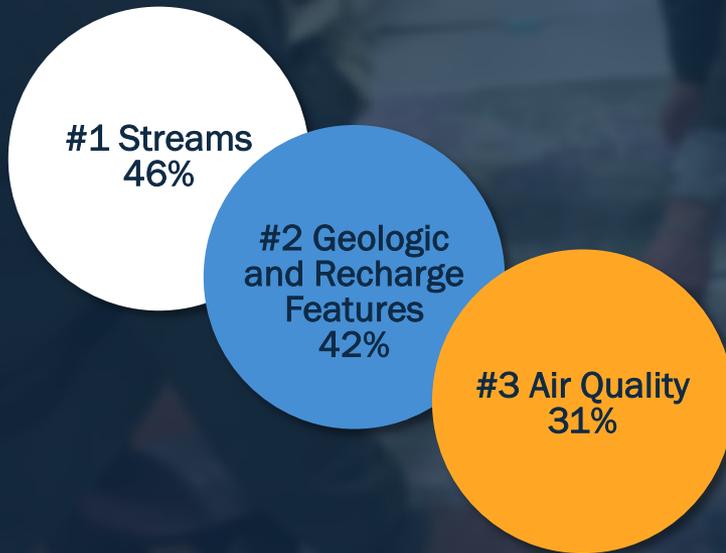
PRIORITIZATION SURVEY

JULY-AUGUST 2017

479 RESPONDENTS

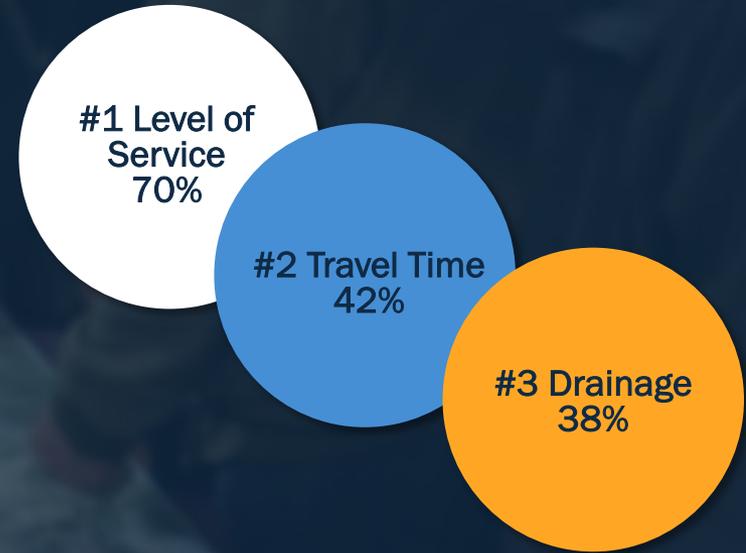
Top 3 Environmental Criteria

QUESTION: In your opinion, what are the 3 most important environmental criteria in the Kendall Gateway Study?



Top 3 Transportation Criteria

QUESTION: In your opinion, what are the 3 most important transportation criteria in the Kendall Gateway Study?





DEVELOPMENT

OF THE PURPOSE AND NEED

What is Purpose and Need?

The Purpose and Need for a project is essential in establishing a basis for the development of the **range of concepts** and assists with the identification, evaluation, and selection of **recommended concepts**.

Kendall Gateway Study Purpose and Need Summary

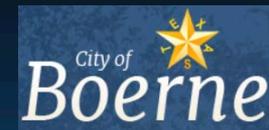
The objective of the Kendall Gateway Study is to identify concepts and recommend a solution to address the growing transportation demands within and around the City of Boerne and Kendall County. The Study specifically addresses east/west traffic connectivity for travelers along SH 46 and within the downtown area of Boerne.

Defining a Purpose and Need for this study is essential to establish a basis for the development of reasonable concepts, and to eventually identify a preferred option.

The **PURPOSE** of the Study is to provide solutions for connectivity and regional linkage to the City of Boerne and Kendall County while minimizing impacts and maintaining Boerne's unique natural and cultural resources.

The **NEED** for the Study includes:

- Need 1) Past, present, and future population growth and travel demand.
- Need 2) Lack of east/west corridors in the Study Area.
- Need 3) Traffic directed through Boerne along the SH 46 route poses a traffic circulation problem and conflicts with the downtown center's walkability and pedestrian use.

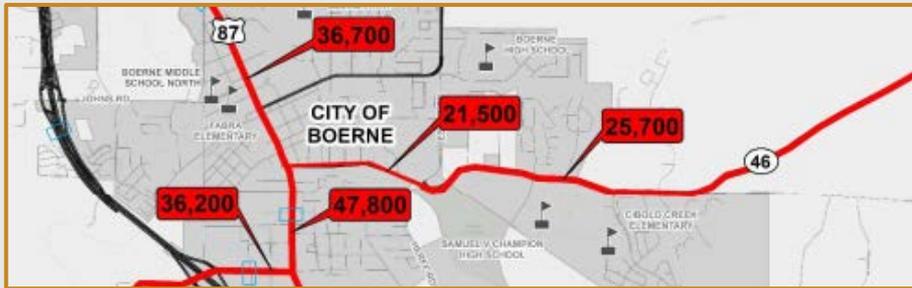




TRAFFIC ANALYSIS

SUMMARY

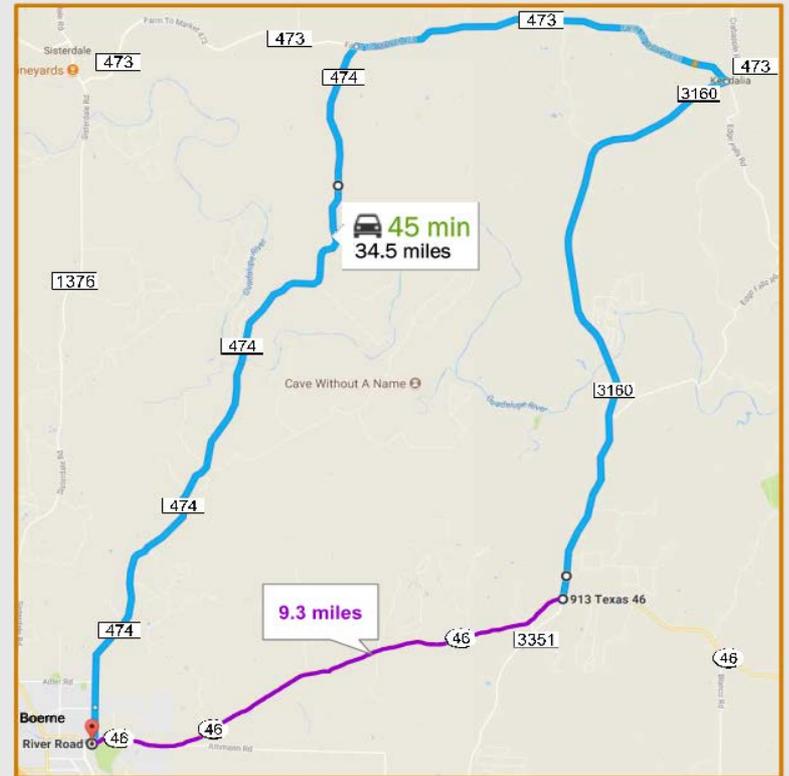
NEED 1: POPULATION GROWTH



NEED 3: TRAFFIC DIRECTED THROUGH BOERNE



NEED 2: LACK OF EAST/WEST CONNECTIVITY



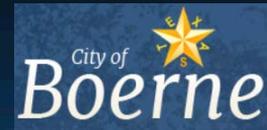


DOWNTOWN BOERNE



IMAGES FROM GOOGLE

- Preserve Boerne as a Destination
- Provide Efficient Through Route
- Provide System Redundancy





SOLUTIONS

THAT DO NOT MEET THE PURPOSE AND NEED

WIDEN EXISTING SH 46



INNOVATIVE INTERSECTIONS

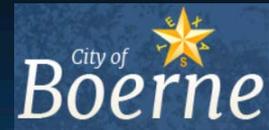


SIGNAL TIMING



MASS TRANSIT

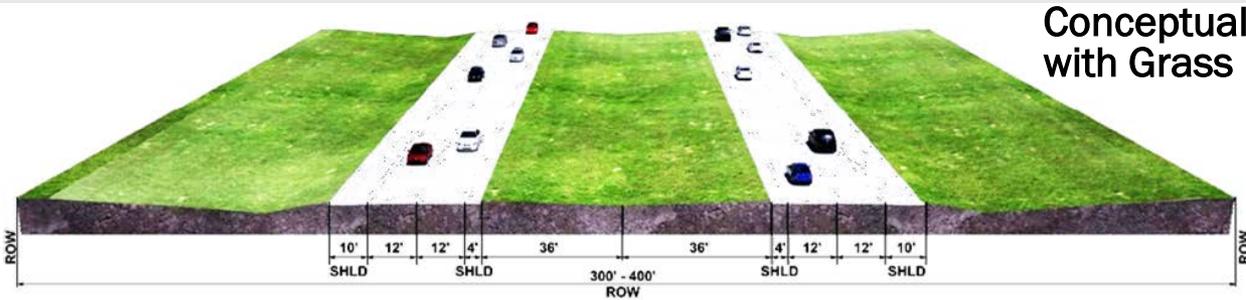
IMAGES FROM GOOGLE





SOLUTIONS

THAT DO MEET THE PURPOSE AND NEED - TYPICAL SECTION



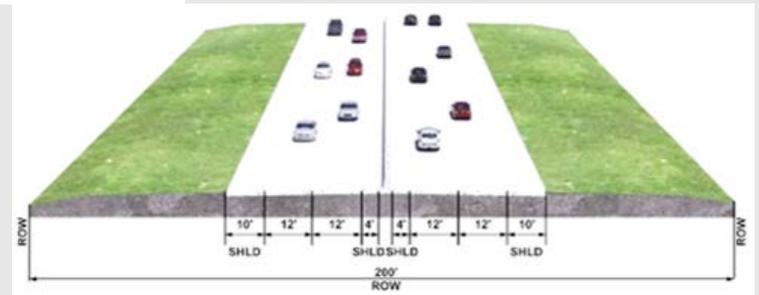
Conceptual 4-Lane Divided Highway with Grass Median

CONCEPTUAL EXAMPLE

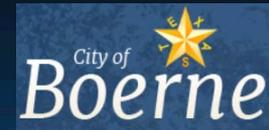
INTERIM EXAMPLE



IMAGES FROM GOOGLE



Possible 4-Lane Divided Highway with Barrier

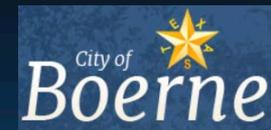




Public Outreach



KENDALL GATEWAY STUDY





TEXAS DEPARTMENT OF TRANSPORTATION

KENDALL GATEWAY STUDY

NEWSLETTER, VOL. 1
JANUARY 2017



- IN THIS ISSUE:**
- Seeking a Solution.....1
 - Study Timeline.....2
 - FAQ.....2
 - Contact Us.....2

Join us for the
**Kendall Gateway Study
Open House**
Tuesday, January 17, 2017
Boerne Middle School South
Boerne, TX 78018
6:00 pm to 8:00 pm

The purpose of the Open House is to provide an opportunity for the public and project partners to meet and discuss the study goals to relieve congestion on 67th and other major roads in Boerne and Kendall County.

Visit tdot.gov to register for the Kendall Gateway Study. For more information,



SEEKING A SOLUTION TO TRAFFIC CONGESTION IN KENDALL COUNTY AND BOERNE

Kendall County had a population of 23,743 in the year 2000. That number grew to about 70 percent, to an estimated 40,304, by 2015. It was recently recognized by the U.S. Census Bureau as the 12th fastest growing county in the United States.

The impact of the growing population has been dramatic. Boerne ISD reports an increase of about 2,000 students over the last five years, and Boerne now has 10 schools. Another 441 new homes are projected to be built this year in Boerne. Boerne ISD reports that number is expected to total an average of 438 new homes per year between 2017 and 2026.

Kendall County Judge Darrel Lux and City of Boerne Mayor Mike Schultz recognized the traffic challenges the rapid growth created and submitted a joint resolution to TxDOT asking for help finding solutions.

TxDOT, partnering with Kendall County and the city of Boerne, responded to the resolution by launching a feasibility study in September 2016. The Kendall Gateway Study is expected to conclude in early 2018. The process includes continued outreach through public meetings, working groups and open commenting periods to collect input from the public, from stakeholders and from agencies on the study area. Each opening allows citizens convey ideas and shared goals to project staff.



"The feasibility study will help us understand the traffic challenges we face and provide us with the information we need to make informed decisions about the future of Kendall County and Boerne."

KENDALL GATEWAY STUDY

NEWSLETTER No. 3
FEBRUARY 2017



- IN THIS ISSUE:**
- Open House Overview.....1
 - Community Map.....2
 - Response Dates in Event Process.....3
 - FAQ.....5
 - Study Process.....7

OPEN HOUSE OVERVIEW

Kendall Gateway Study
November 8, 2016, 6:00 PM to 8:00 PM
Boerne Middle School South
Boerne, Texas

As part of the public involvement process for the Kendall Gateway Study, a feasibility study that has been undertaken to identify potential concepts to relieve traffic congestion in Kendall County and Boerne, the Texas Department of Transportation (TxDOT) in partnership with Kendall County and the City of Boerne, held an open house for the proposed project.

The purpose of the open house was to present and discuss the traffic, study, public road, and environmental concerns. Maps showing the study area, transportation concepts, and environmental constraints were available for viewing and comments at the open house.

Study team members, including staff from TxDOT, Kendall County, and the City of Boerne, were on hand to discuss the feasibility study and answer questions.

More than 100 members of the community, and staff, attended.



Public input through a series of outreach meetings and open commenting periods, combined with data showing where drivers are currently moving and where growth is projected, will be critical to the success of this study.

The feasibility study and recommendations will be data-driven," said Kendall County Judge Darrel Lux. "We'll use new data that will be collected by the consulting engineers during the study, data from the county's and the city's geographic information system departments, and most importantly, public input at meetings."

KENDALL GATEWAY STUDY

NEWSLETTER No. 2
APRIL 2017



KENDALL GATEWAY STUDY
The introduction of the resolution highlights the January 17, 2017 Open House, one of the multiple outreach activities being held to gather public input.

- IN THIS ISSUE:**
- Public Open House Report.....1
 - Open House.....3
 - Our Team.....3
 - Feasibility Study Process.....4
 - Next Steps.....4
 - Contact Us.....4



OPEN HOUSE: EXPLORATION AND INTERACTION

On January 17th, 2017, 245 citizens, some elected officials, and three members of the media attended the first Kendall Gateway Study public open house to learn about and provide input regarding the transportation-related vision and goals to relieve congestion in Boerne and Kendall County.

Held at Boerne Middle School South from 6:00 to 8:00 pm, attendees were invited to:

- Provide information about their most frequent daily trips (home, work, school, shopping)
- Share their goals and thoughts for the community
- Give input on why the congestion exists in Kendall County and Boerne
- Offer thoughts on what the study priorities should be
- Contribute feedback on area maps to identify important community and environmental resources places where transportation issues are experienced, and solutions that should be considered

Representatives from TxDOT, Kendall County, City of Boerne, and the consulting team were available for one-on-one conversations and interactions. A round-robin was present to record verbal comments, and Spanish language interpreters were available. Attendees could also provide written comments on a form as they left the open house or at a later date by mail, email or fax.

The Kendall Gateway Study, January 17, 2017 Open House Report will be available online at tdot.gov, keyword "Kendall Gateway Study."



NEWS RELEASE
SAN ANTONIO DISTRICT
Laura Lopez
210-615-5839
Laura.Lopez@txdot.gov

TxDOT PARTNERS WITH KENDALL COUNTY, CITY OF BOERNE Study to identify solutions to traffic congestion across the county

October 13, 2016

BOERNE – The Texas Department of Transportation is partnering with Kendall County and the city of Boerne to conduct a feasibility study conducted over the next year and aimed at identifying routes to relieve traffic across the county.

The Kendall Parkway Study was created by a joint resolution between Kendall County and the city of Boerne. The idea is to identify solutions that could provide improved mobility as the area continues to grow. Public input through a series of outreach meetings and open commenting periods, combined with data showing where drivers are currently moving and where growth is projected, will be critical to the success of this study.

"The feasibility study and recommendations will be data-driven," said Kendall County Judge Darrel Lux. "We'll use new data that will be collected by the consulting engineers during the study, data from the county's and the city's geographic information system departments, and most importantly, public input at meetings."

The study is spurred by rapid growth across the area – Kendall County was named the 12th fastest growing county in the country by the U.S. Census Bureau – adding increasing strain on the overall transportation system of the county. Boerne Independent School District expects an increase of about 2,000 students over the next five years with nearly 500 new homes being built annually within the district between 2017 and 2026.

"Prosperity comes with mobility challenges," said Boerne Mayor Mike Schultz. "We need to use every tool we have available to identify potential solutions now rather than later. This study will give us the information we need to develop effective strategies and take appropriate actions that will move traffic while preserving the unique character of Boerne and Kendall County."

###

The Texas Department of Transportation is responsible for maintaining 80,000 miles of road and for supporting aviation, rail, and public transportation across the state. Through collaboration and leadership, we deliver a safe, reliable, and integrated transportation system that enables the movement of people and goods. Find out more at tdot.texas.gov. Get social project updates on our [Facebook](https://www.facebook.com/txdot) and follow us on [Twitter](https://twitter.com/txdot).

Our Values: People • Accountability • Trust • Honesty
An Equal Opportunity Employer





TECHNICAL WORK GROUP

MEETINGS #1 & #2

TWG Meeting #1 October 20, 2016

Top 3 Goals

- “Long-term planning”
- “Alleviate congestion”
- “Define the need”

Top 3 Concerns

- “Funding”
- “Public perception”
- “Environmental impacts”

TWG Meeting #2 March 2, 2017

Thoughts on Screening Matrix Development

- Include incident management
- Take into account new schools and future traffic patterns
- Remove traffic volumes and parking from Main Street
- Construct larger sidewalks on Main Street
- Include limited access facilities
- Evaluate at 5-year intervals to determine short-term and long-term needs
- Include time value of constraints





STAKEHOLDER WORKING GROUP

MEETING #1 & #2

SWG Meeting #1 December 6, 2016

Goals

- “Long-term and scalable”
- Forecast future”
- “Long-term affordability”
- “Accessibility”
- “Ecological integrity”
- “Relieve traffic congestion”
- “Mutually beneficial”
- “Transparent communication”

Concerns

- “Fostering growth”
- “Integrity of scope”
- “Natural resources and environment”
- “Develop sensibly”
- “Paralysis by analysis”
- “Not creative enough”
- “Reluctance to adapt to change”
- “Finding common ground”

SWG Meeting #2 April 5, 2017

Thoughts on Screening Matrix Development

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ▪ Sensitive features (i.e. limestone) are an important resource ▪ How are traffic noise impacts determined? ▪ Is it possible to include the amount of time corridors are depicted as congested in Google Maps? | <ul style="list-style-type: none"> ▪ Traffic data could be confusing to the public. ▪ How is induced growth measured? |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|





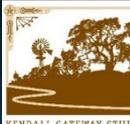
OPEN HOUSE #1 JANUARY 17, 2017

- Number of Attendees: 255 Number of Elected Officials: 7
- Number of Commenters: 33

Quotes from the Open House

Thoughts, Issues, Priorities

- “Keep Boerne, Boerne”
- “It would be great for SH 46 to be a 4 lane highway between Boerne and Bulverde.”
- “A major concern is drainage”
- “Loop around Boerne!”
- “Effective roadways through and around the city”
- “Mass transit or possible rail system”
- “Development outpacing infrastructure”
- “A good start getting the community involved.”
- “Defining traffic flow and planning for multiple routes”
- "Rapid growth has impacted safety, flooding, green space, traffic congestion."





Please proceed to
STATION 1
to begin overview of the
most recent data for the
Kendall Gateway Feasibility Study

