# SH 16 (Bandera Road) From I-410 to Loop 1604

# Public Meeting

## December 10 & 11, 2019

*The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT.*

# Project Background

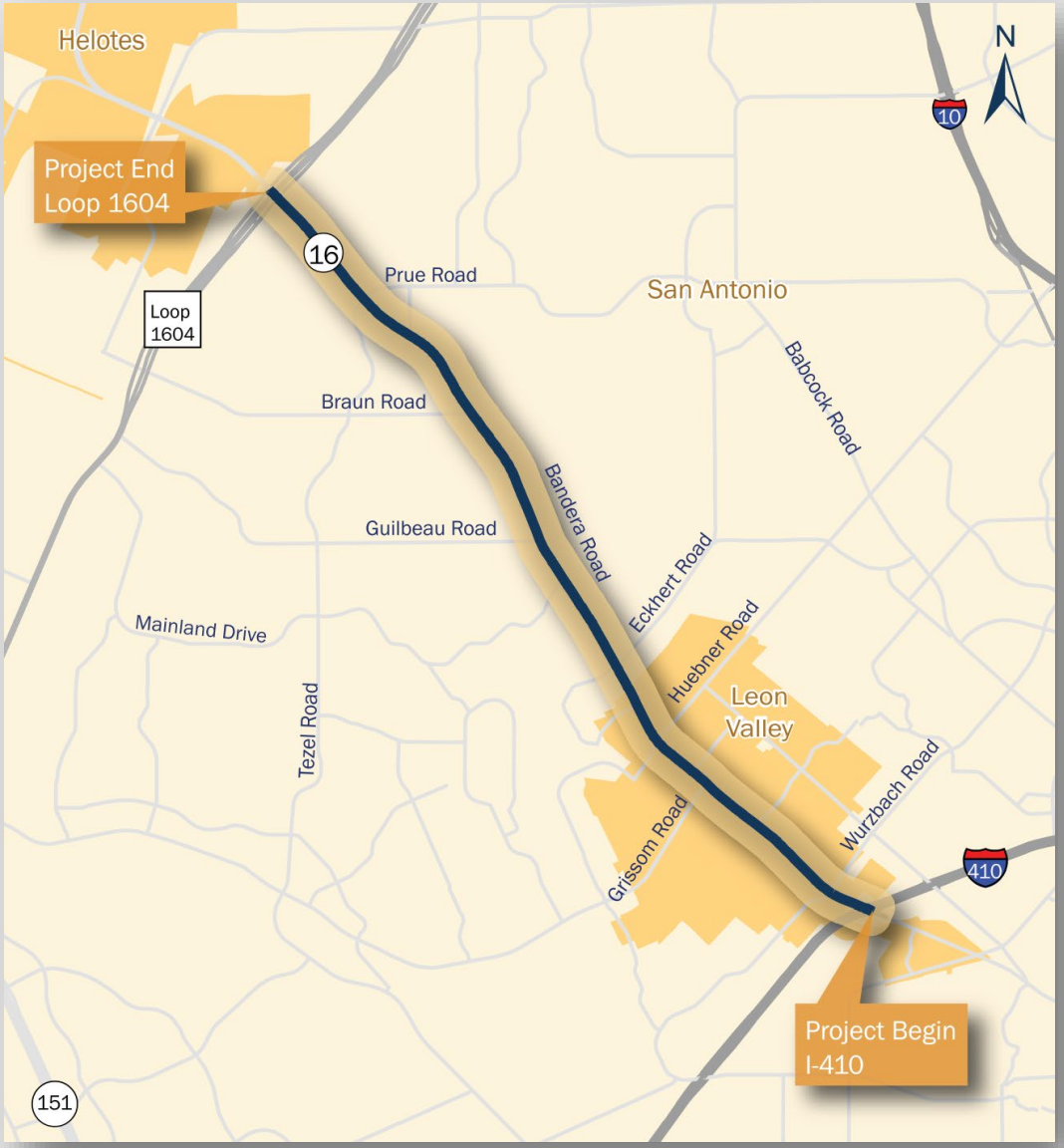
## Project Facts

### Location
SH 16 (Bandera Road) in Leon Valley and San Antonio

### Limits
From I-410 to Loop 1604

### Length
Approximately 6.5 miles

### Existing Facility
- 2-3 lanes in each direction
- 17 signalized intersections
- Discontinuous sidewalks
- No bicycle accommodations



# Public Meeting Goals

Provide information regarding the current SH 16 (Bandera Road) studies

Provide an overview of the existing conditions assessment

Receive feedback from attendees

Answer questions

**Your feedback is important!**

# Corridor History

## 1920s

- Constructed as a two-lane roadway

## 1950s

- Wurzbach Road to Evers Road segment constructed

## 1970s

- Widened to a four-lane divided roadway

## 1980s – 1990s

- South of Guilbeau Road improved to six lanes
- TxDOT feasibility study of bypass/fly-over concept

## 1990s – 2000s

- Various intersection/signal improvements
- SH 16 (Bandera Road) at Loop 1604 re-striped to six lanes
- SH 16 direct connecting ramps to I-410 constructed
- The Texas Transportation Institute (TTI) study on access management and signal modifications
- The Alamo Regional Mobility Authority (RMA) feasibility study on elevated tollway

## 2010 – present

- TTI follow-up study on access management
- TxDOT study of "superstreet" concept (Restricted crossing U-turn [RCUT] intersections with access management)
- TxDOT study of multiple build concepts
- City of Leon Valley/UTSA study of boulevard concept
- Constructed SH 16 (Bandera Road)/Loop 1604 Displaced Left Turn Interchange (DLT)
- TxDOT's current study SH 16 (Bandera Road) project initiated

**SH 16 Construction** | **SH 16 Studies**

Bandera Road at Huebner Creek (c. 1920)

SH 16 at Eckhert Road (c. 1988)

SH 16 at LP 1604 (c. 2019)

# Current Studies & How They Were Started

## Bandera Road Task Force

- Formed in 2018 by Leon Valley Mayor Chris Riley and San Antonio Councilwoman Ana Sandoval
- Representatives includes state/local elected officials, city engineers and planners, VIA, Northside ISD, and TxDOT
- Requested TxDOT initiate a new study on SH 16

### TxDOT's Feasibility Study

STATE HIGHWAY 16
BANDERA ROAD

### City of San Antonio Corridor Plan

STATE HIGHWAY 16 BANDERA ROAD CORRIDOR PLAN

Texas Department of Transportation

LEONVALLEY

CITY OF SAN ANTONIO EST. 1718

STATE HIGHWAY 16
BANDERA ROAD

# TxDOT: SH 16 (Bandera Road) Feasibility Study

## GOALS

To improve mobility, safety, and community connectivity while reducing congestion with the SH 16 (Bandera Road) corridor; and to accomodate multimodal transportation including bicyclists and pedestrians, while accomodating economic development.

Texas Department of Transportation

## FOCUS

- SH 16 (Bandera Road) Existing Conditions Assessment
- Urban Design & Roadway Concepts
- Design Schematic & Environmental Studies
- Community Outreach

# Identifying Priorities and Needs

## Survey #1 Results

February 12 to May 31, 2019
Completed by 885 individuals

**When asked to rank their priorities for the SH 16 (Bandera Road) Project, respondents said their top priorities are:**

1. Improve congestion
2. Improve safety
3. Add sidewalks and improve pedestrian crossings

**When asked what their primary reason for traveling within the corridor, respondents said:**

- 71% Shopping/ errands
- 54% Commute to/from home
- 46% Commute to/from work

## Agency and Community Involvement

### Technical Work Group

Has met 3 times this year:

- February 12, 2019
- April 24, 2019
- September 5, 2019

### Planning Team Group

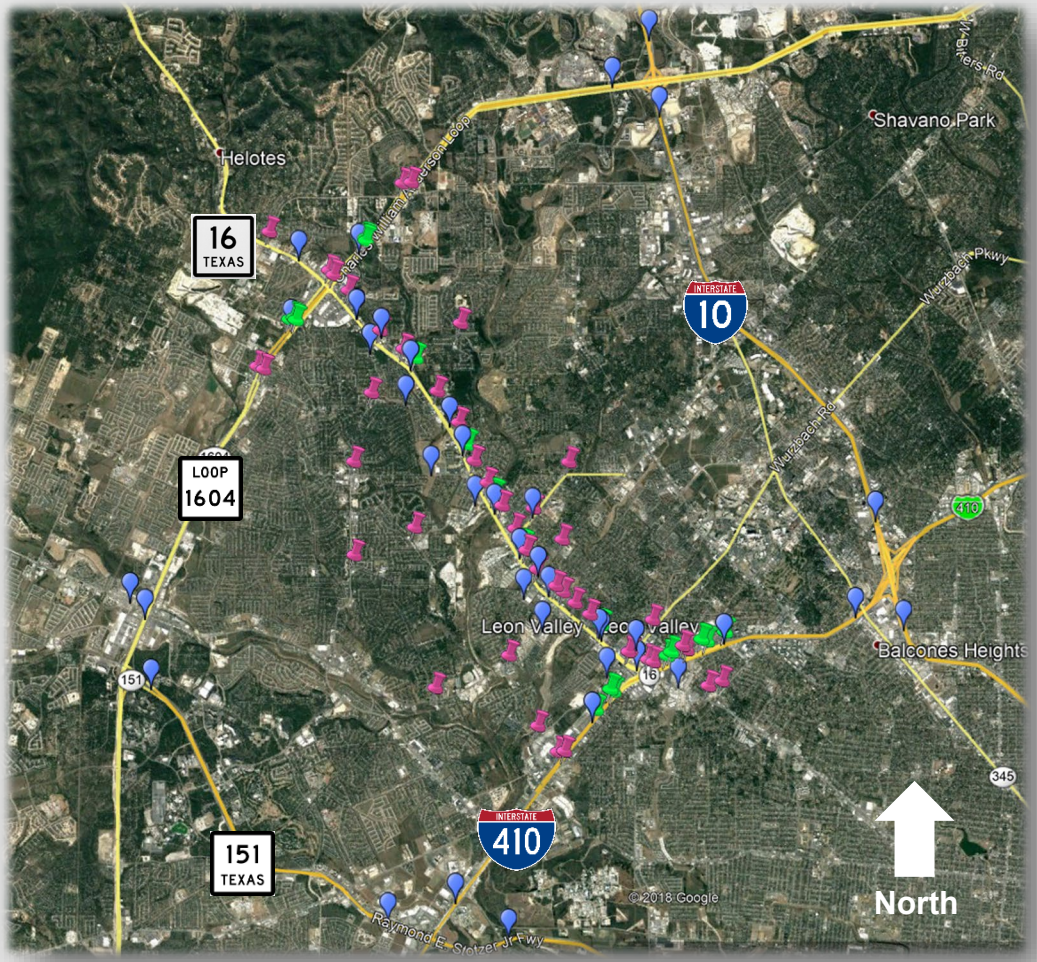
Has met twice this year:

- May 20, 2019
- September 18, 2019

# TxDOT Data Collection and Existing Conditions Assessment

- Collect Traffic Counts
- Identify Travel Patterns (Origin & Destination Studies)
- Develop Traffic Projections
- Traffic Modeling
- Crash Data Analysis
- Transportation Demand Management Strategies

## SH 16 Traffic Data Collection Plan



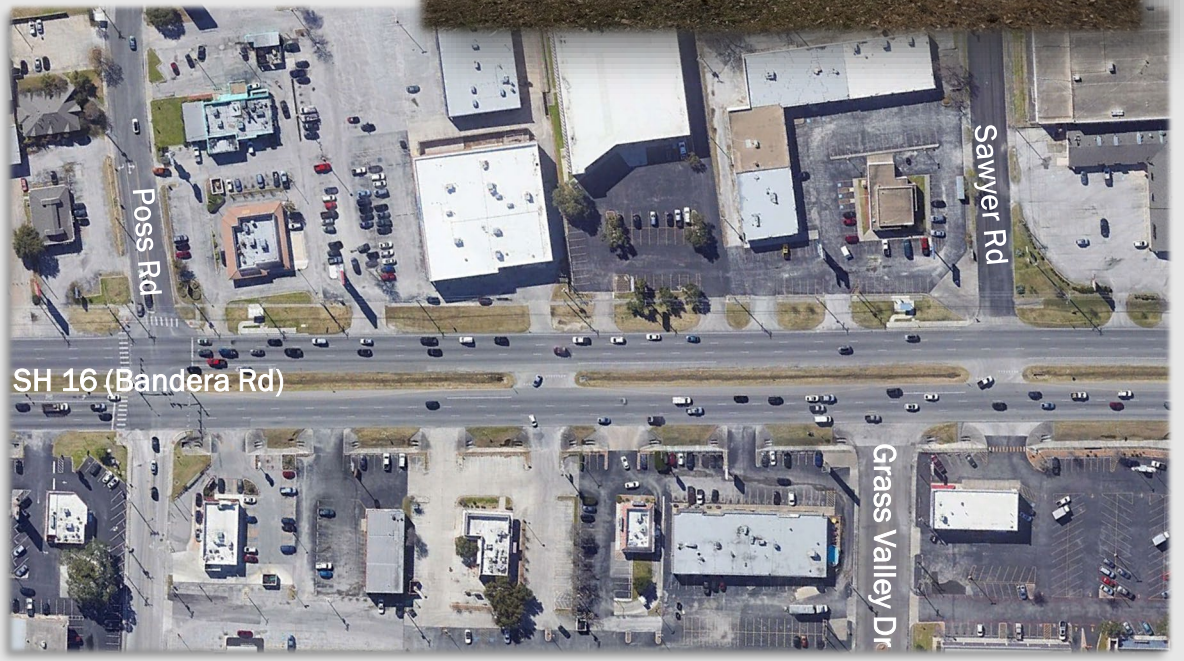

Bluetooth for Origin & Destination Data

Main Lane Tube Counts

Intersection Turning Movement Counts

# Existing Mobility and Access

- Existing Driveway Locations
- Intersections & Median Openings
- Bicycle & Pedestrian Accommodations
- Local Street Connectivity



STATE HIGHWAY 16

# BANDERA ROAD

## CORRIDOR PLAN

# San Antonio: Bandera Road Corridor Plan

## GOALS

To analyze existing market and land use as well as traffic, transit, and other connectivity conditions.
The plan will work in conjunction with TxDOT planning to make recommendations for future land use, corridor improvements, and network improvements to address congestion and other issues in the corridor.

16 BANDERA ROAD CORRIDOR PLAN

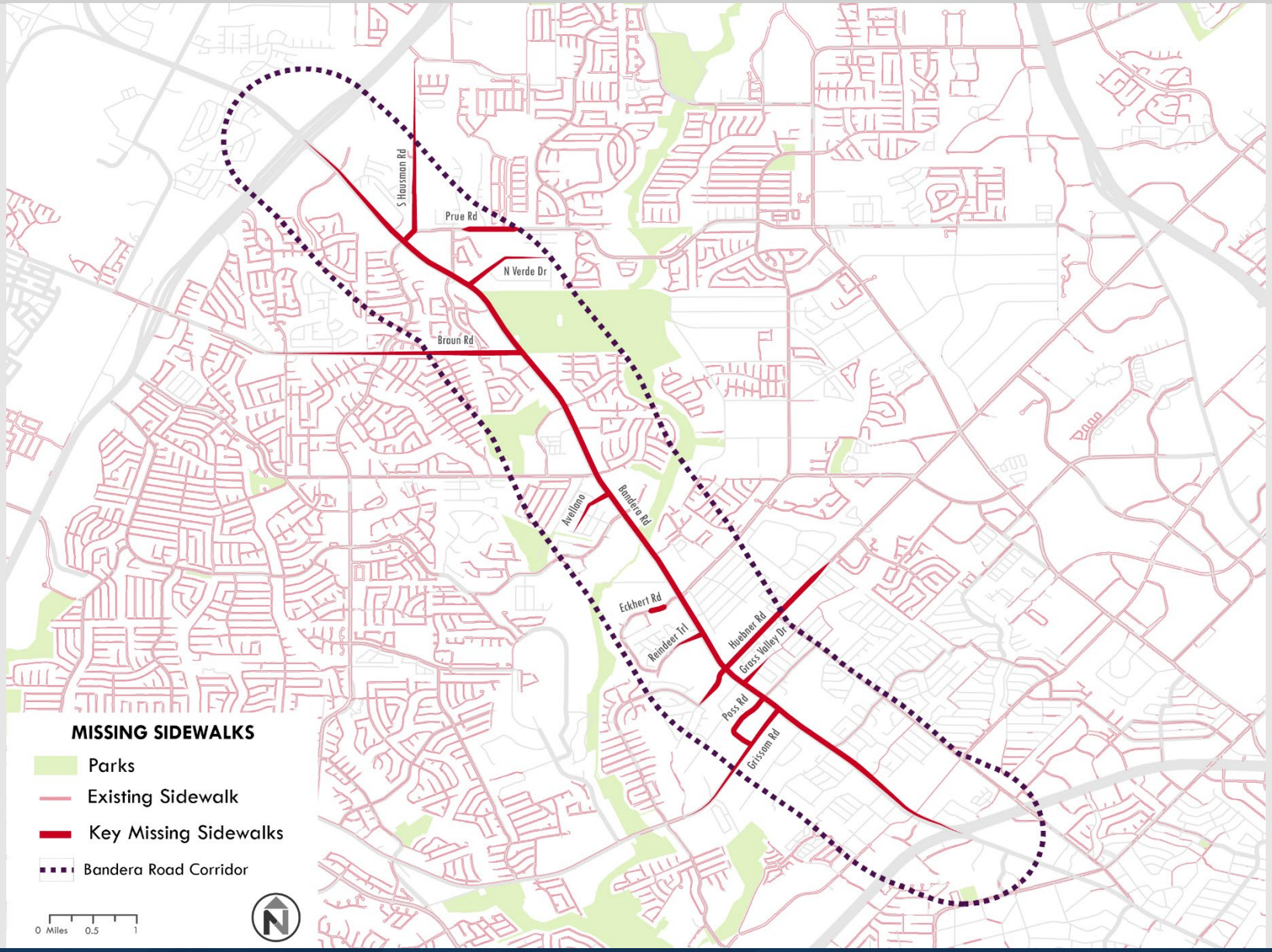
CITY OF SAN ANTONIO

LEON VALLEY DEEP ROOTS. BIG IDEAS.

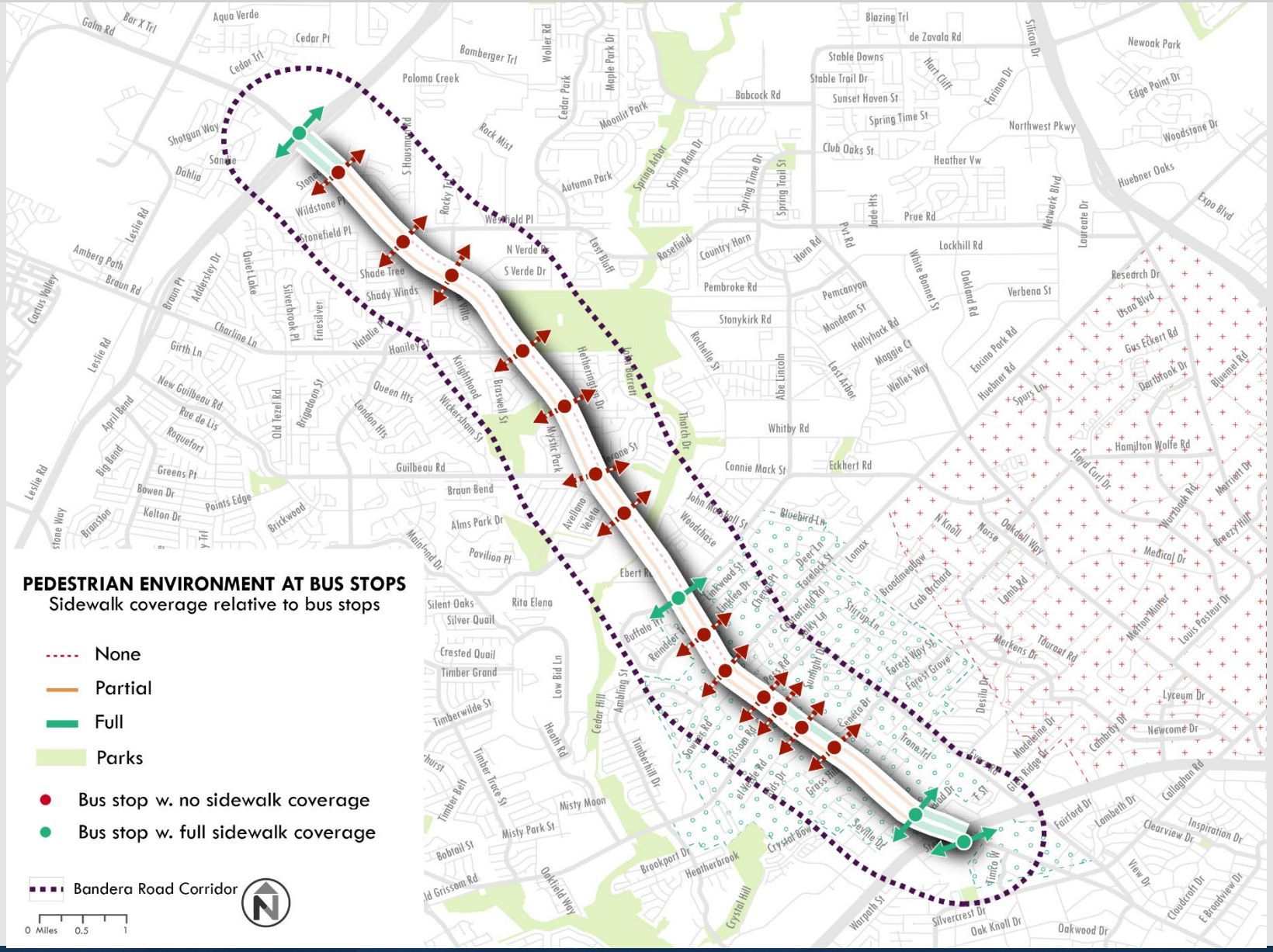
## FOCUS

- Economic Development
- Land Use & Design
- Multimodal Improvements
- Community Outreach
- Sustainability and Innovation

# Walking and Biking



# Pedestrian/Transit Connectivity



# Multimodal Options and Connected Neighborhoods

## What are the benefits of multimodal transportation?

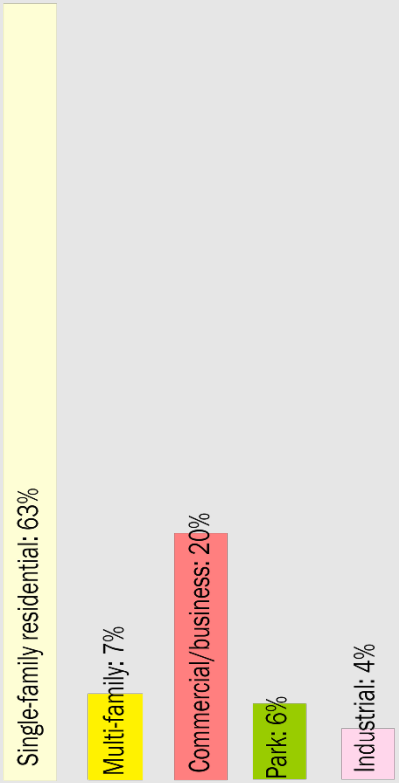
- Multimodal gives people choice in how to travel
- A multimodal corridor supports safe travel for all forms of transportation
- Multimodal corridors help reduce vehicular traffic and congestion

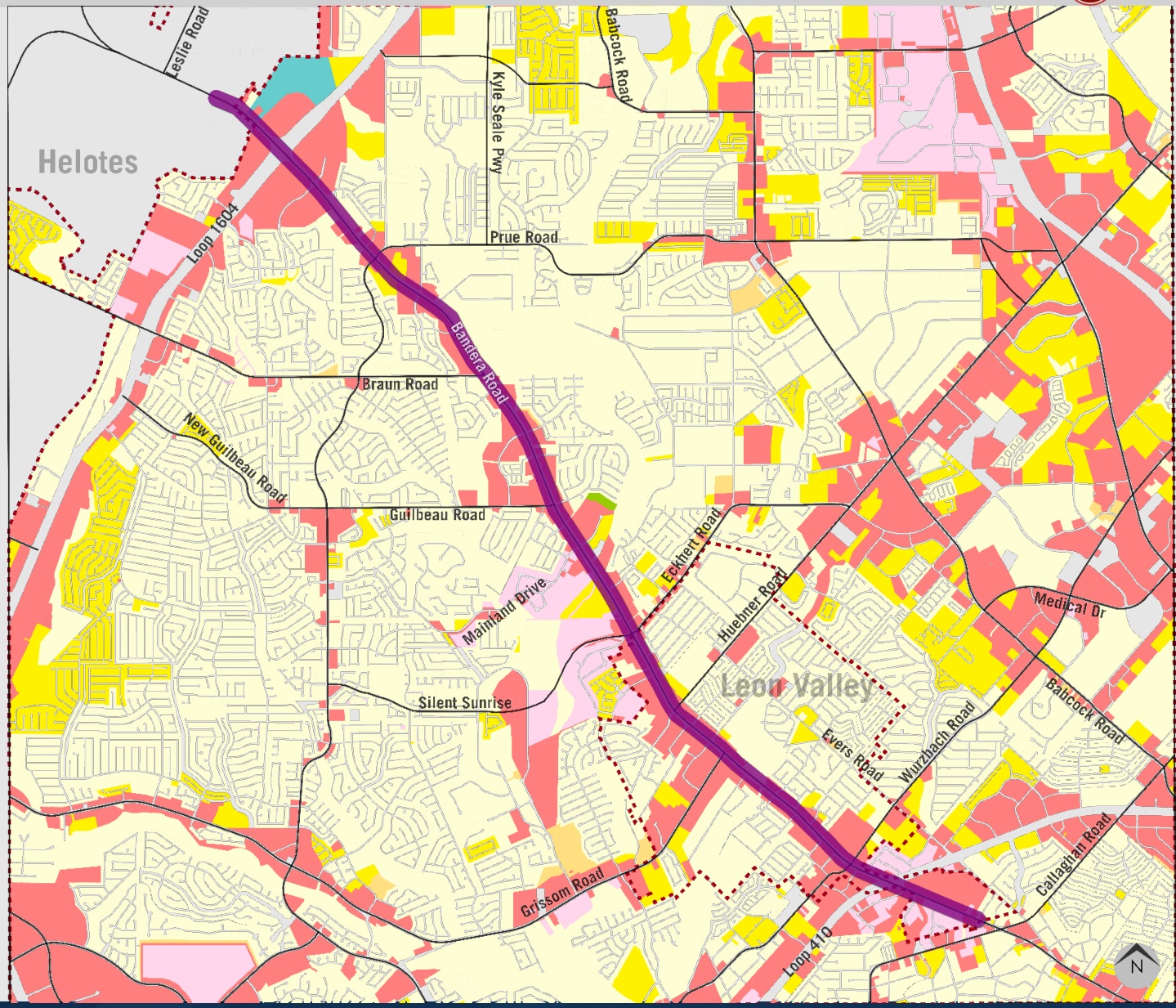
## What are the benefits of a connected neighborhood?

- Connected neighborhoods allow residents to walk, bike, and drive from home to destinations
- Connected neighborhoods are the natural partner of multimodal corridors

# Land Use

Land Use: Areas by Zoning



# Land Values and Development

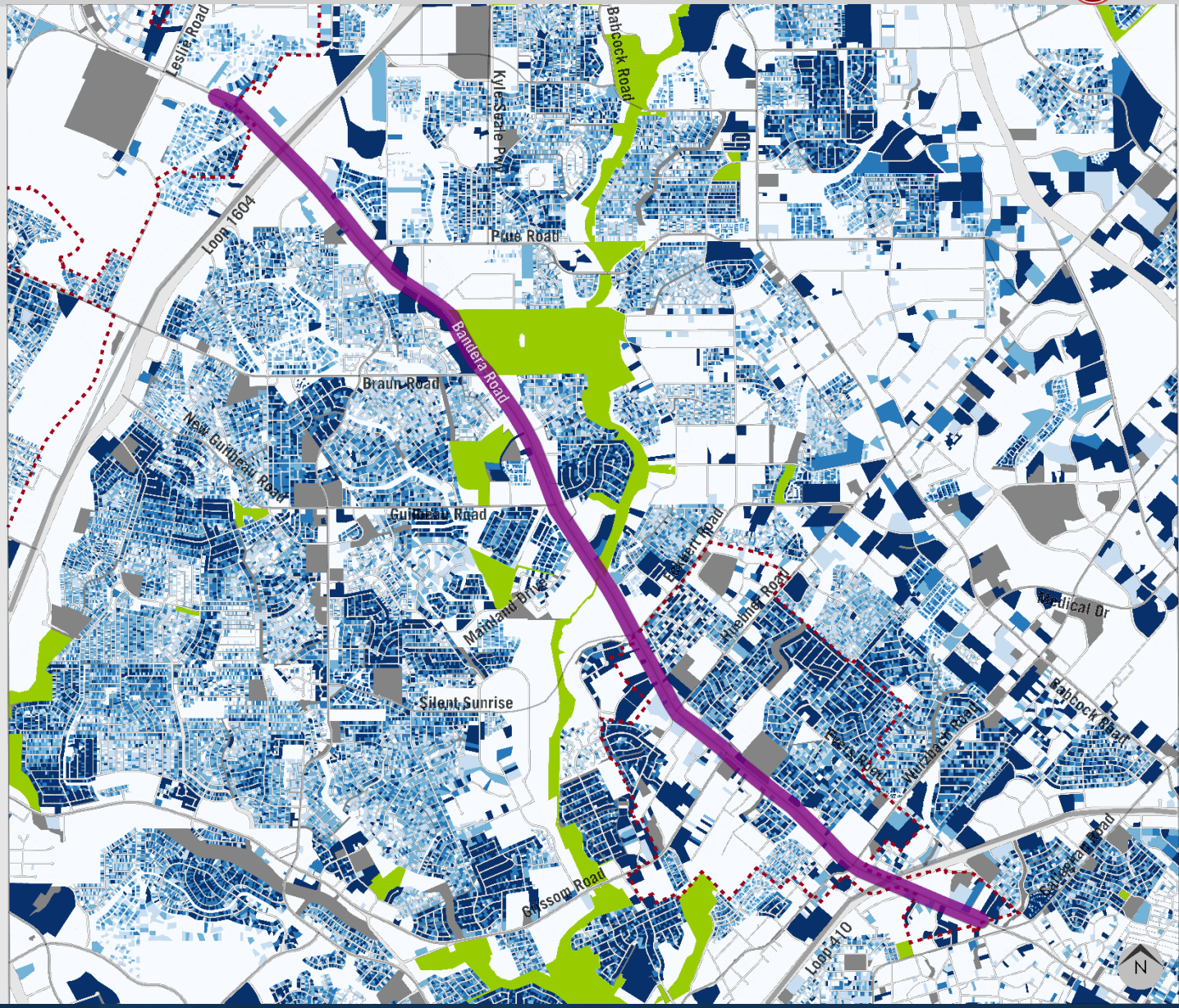
Ratio of Improvements Value to Land Value

High (more valuable)

Low (less valuable)

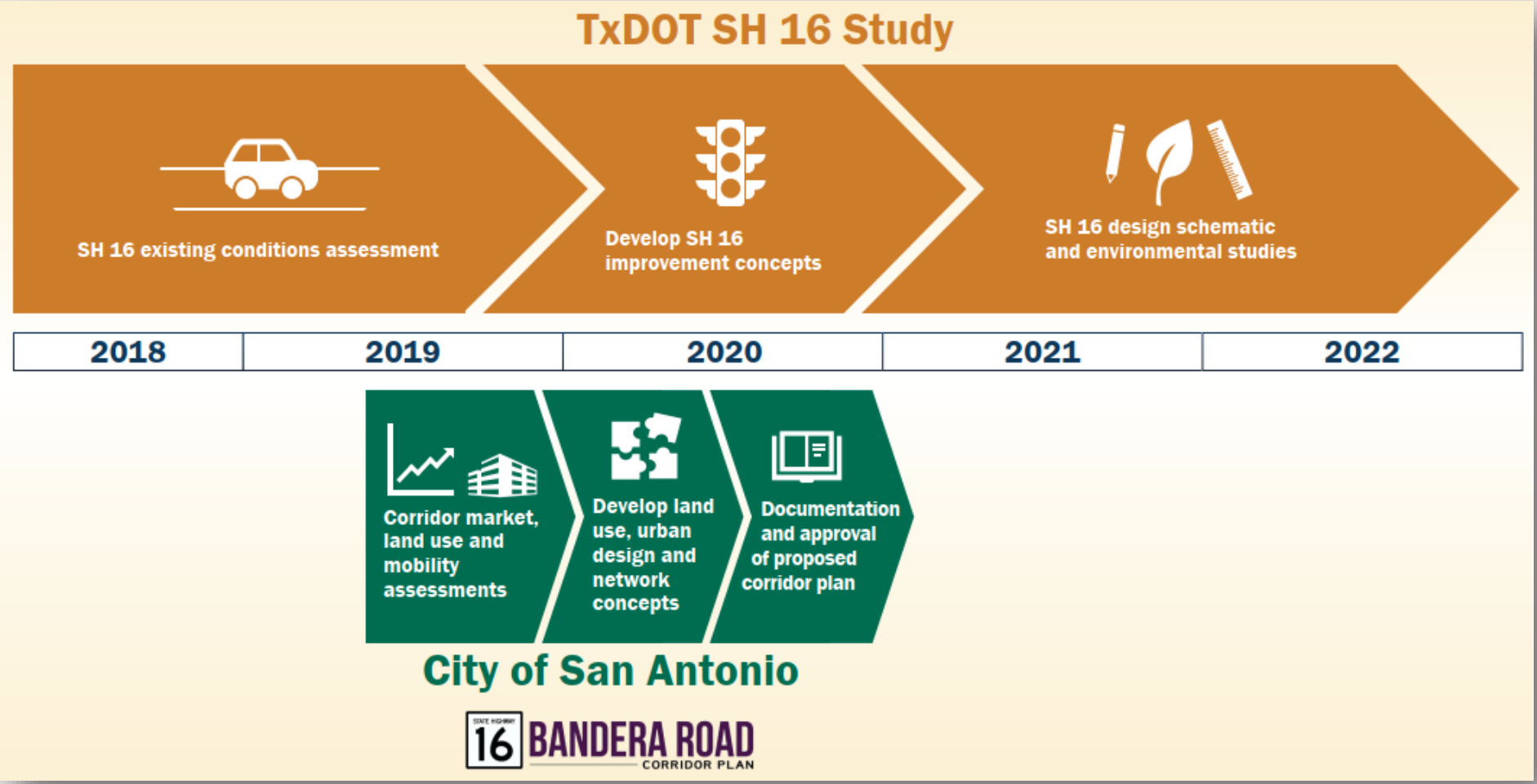
Park

No information



# How to Stay Involved

# Study Timelines



# Community Engagement Plan

## Bandera Road Task Force
- Elected Officials
- City, State, and County Planners & Directors

STATE HIGHWAY 16 BANDERA ROAD CORRIDOR PLAN

## Outreach Tools
- Surveys
- www.txdot.gov
- Project Updates
- Pop-Up Events
- Forums
- Videos
- Newsletters

## Work Groups
- Community
- Agencies

## Public Involvement
- Public Meetings
- Stakeholder Meetings

# We Want to Hear from You!

## All comments must be submitted by December 31, 2019

Comments can be provided:

### Tonight

- In the comment box
- Speak with court reporter

### By Email

Submit to:
BanderaRoad@pozcam.com

### By Mail

SH 16 (Bandera Road) Project Team
c/o Linda Vela
5835 Callaghan Rd., Ste. 200
San Antonio, Texas 78228

### For more information and to participate in the online public meeting

Visit txdot.gov and search keywords "SH 16 (Bandera Road)"