



Virtual Public Scoping Meeting

US 380

Coit Road to FM 1827

CSJs: 0135-02-065 and 0135-03-053
Collin County

January 21, 2021



Given the unique circumstances of the COVID-19 outbreak,

TxDOT has changed the in-person Public Scoping Meeting to a virtual format only.

The Virtual Public Scoping Meeting and the TxDOT website will provide the same information as an in-person meeting would have.

What you should know about COVID-19 to protect yourself and others



Know about COVID-19

- Coronavirus (COVID-19) is an illness caused by a virus that can spread from person to person.
- The virus that causes COVID-19 is a new coronavirus that has spread throughout the world.
- COVID-19 symptoms can range from mild (or no symptoms) to severe illness.



Know how COVID-19 is spread

- You can become infected by coming into close contact (about 6 feet or two arm lengths) with a person who has COVID-19. COVID-19 is primarily spread from person to person.
- You can become infected from respiratory droplets when an infected person coughs, sneezes, or talks.
- You may also be able to get it by touching a surface or object that has the virus on it, and then by touching your mouth, nose, or eyes.



Protect yourself and others from COVID-19

- There is currently no vaccine to protect against COVID-19. The best way to protect yourself is to avoid being exposed to the virus that causes COVID-19.
- Stay home as much as possible and avoid close contact with others.
- Wear a mask that covers your nose and mouth in public settings.
- Clean and disinfect frequently touched surfaces.
- Wash your hands often with soap and water for at least 20 seconds, or use an alcohol-based hand sanitizer that contains at least 60% alcohol.



Practice social distancing

- Buy groceries and medicine, go to the doctor, and complete banking activities online when possible.
- If you must go in person, stay at least 6 feet away from others and disinfect items you must touch.
- Get deliveries and takeout, and limit in-person contact as much as possible.



Prevent the spread of COVID-19 if you are sick

- Stay home if you are sick, except to get medical care.
- Avoid public transportation, ride-sharing, or taxis.
- Separate yourself from other people and pets in your home.
- There is no specific treatment for COVID-19, but you can seek medical care to help relieve your symptoms.
- If you need medical attention, call ahead.



Know your risk for severe illness

- Everyone is at risk of getting COVID-19.
- Older adults and people of any age who have serious underlying medical conditions may be at higher risk for more severe illness.



[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)



This meeting has six essential purposes



- ✓ Explain the Environmental Impact Statement (EIS) process
- ✓ Present alternatives to be studied in the EIS
- ✓ Provide the project's Purpose and Need
- ✓ Share what TxDOT will consider during the project
- ✓ Present the schedule and project steps
- ✓ Gather public input

Scoping meetings help start the NEPA (National Environmental Policy Act) process for an EIS



DOCUMENTS:

1. ***Purpose and Need*** – explains why a project is being developed and provides the basis for evaluation of alternatives
2. ***Range of Alternatives*** – shows all alternatives TxDOT is considering
3. ***Methodology and Level of Detail for Analyzing Alternatives*** – provides more details about how alternatives will be analyzed
4. ***Coordination Plan*** – plan and schedule for coordinating public and agency participation

A Preferred Alternative will be presented for your comment at the Public Hearing expected to be held summer of 2022.

Why is TxDOT Looking at More Alternatives?



MORE

Alternatives

NEPA requires TxDOT, as part of the EIS process, to evaluate all viable alternatives considered and eliminated during the Feasibility Study, as well as others developed by TxDOT.

- ✓ TxDOT's Recommended Alignment was based on the data collected during the Feasibility Study
- ✓ TxDOT is gathering more data that could change previously studied alignments
- ✓ TxDOT must find an alternative that would best accomplish the project's Purpose and Need and considers the factors in the Alternatives Analysis
- ✓ TxDOT continues to try and develop the least impactful alternative possible for this project, however this is a challenge due to the many constraints

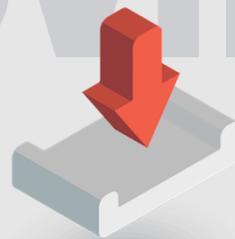
How to Submit Your Comments



Online

Comment form
is located on

Drive380.com/CoitFM1827



Email

Stephen.Endres@txdot.gov



Mail

TxDOT Dallas District
Attn: Stephen Endres, P.E.
4777 E US Highway 80
Mesquite, TX 75150



Voicemail

(833) 933-0439

PROVIDE INPUT

COMMENTS MUST BE SUBMITTED BY FEB. 5, 2021

PROJECT CONTACT: For general comments about the presentation or project, please contact TxDOT project manager, Stephen Endres, P.E. at Stephen.Endres@txdot.gov



PROJECT WEBSITES

Virtual Public Scoping Meeting:

Drive380.com/CoitFM1827

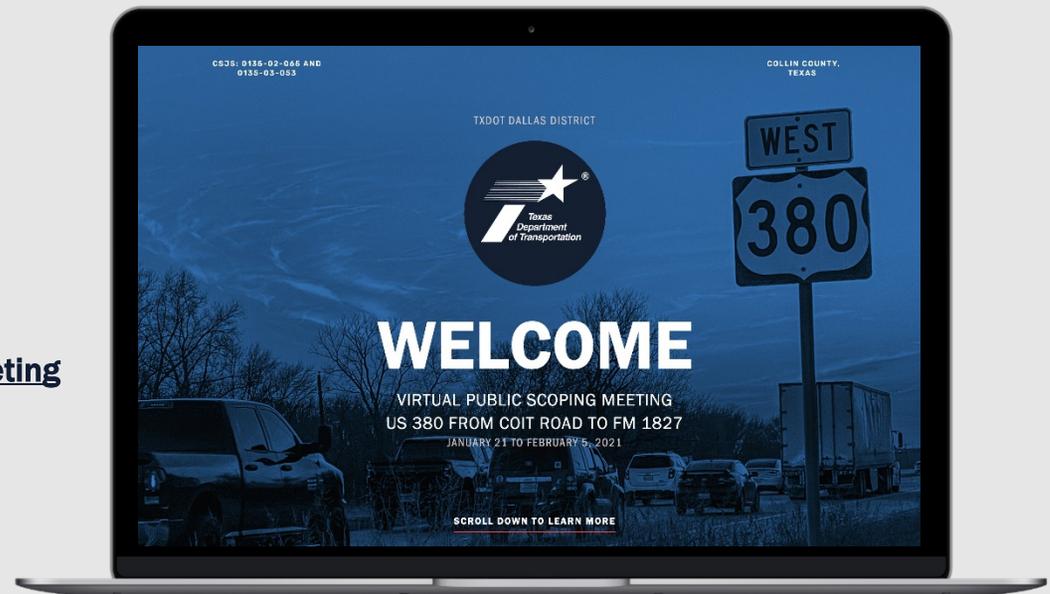
Other sites:

Keepitmovingdallas.com/US380EISScopingMeeting

Keepitmovingdallas.com

Under “Public Hearings/Meetings”

TxDOT.gov





PROJECT DEVELOPMENT

WHERE WE'VE BEEN



2016

Collin County identified US 380 as a priority project for a Limited Access Roadway study. The location is not specified.



2017-2020

TxDOT Feasibility Study recommended an alignment for a freeway across Collin County.



2020

TxDOT begins the US 380 from Coit Road to FM 1827 Environmental Impact Statement (EIS) and Schematic Design Project.



THE FEASIBILITY STUDY:

Highlights



Other modes such as transit, bicycle, and pedestrian travel were determined to be unable to independently relieve traffic congestion



Determined that constructing a freeway was the best option for the region and met study criteria



Without improvements, US 380 will continue to experience a failing level of service



Developed over 150 freeway alignments



New location alignments manage traffic congestion better than improving the existing US 380 alignment



Received over 18,000 public comments - the majority were supportive of a freeway, however many concerns were expressed about locations of proposed alignments

Project Development – 5 Independent Projects



THE RECOMMENDED ALIGNMENT



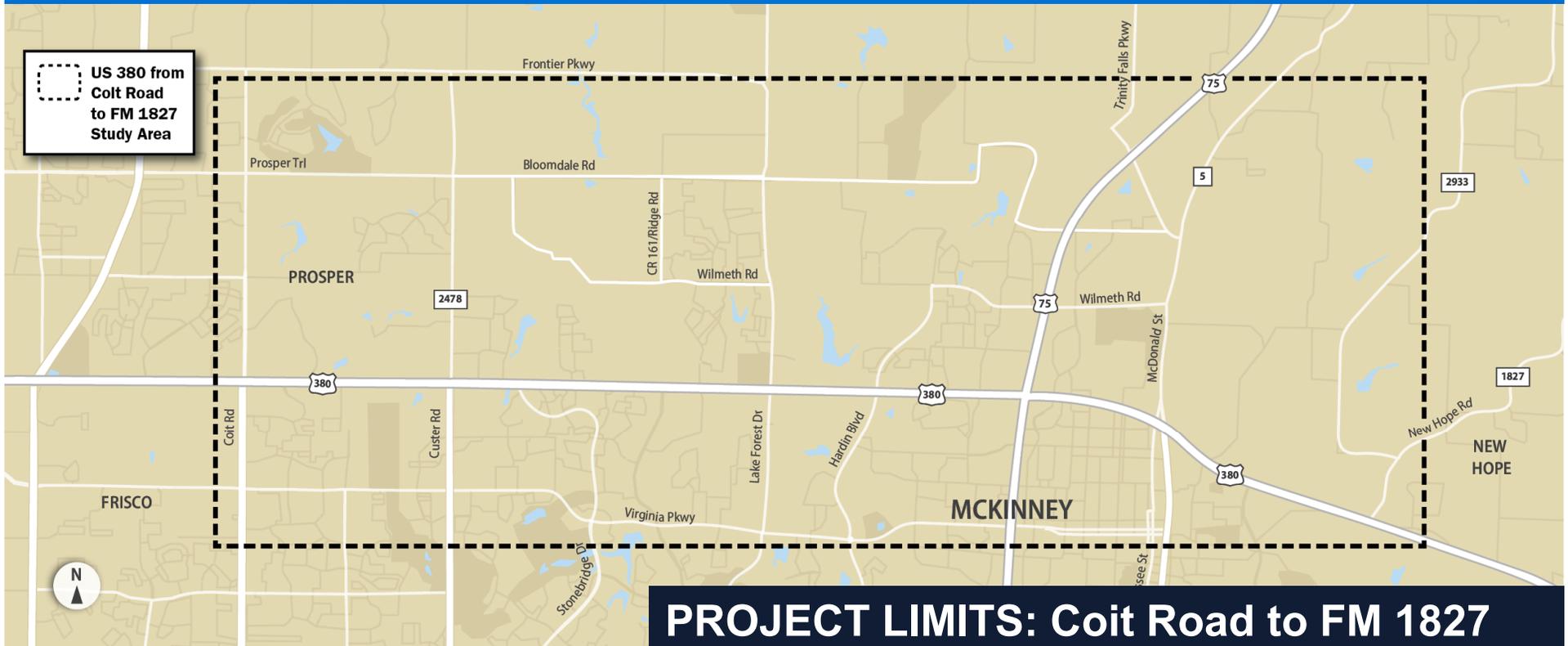
- TxDOT has initiated Schematic and Environmental Studies for each section shown in different colors on the map
- This Virtual Public Scoping Meeting will address the **ORANGE** Alignment which represents the TxDOT Recommended Alignment from the Feasibility Study from Coit Road to FM 1827

THE RECOMMENDED ALIGNMENT HAS BEEN BROKEN INTO 5 PROJECTS OF INDEPENDENT UTILITY

Project Area



US 380 from
Coit Road
to FM 1827
Study Area



PROJECT LIMITS: Coit Road to FM 1827



EIS

ENVIRONMENTAL IMPACT STATEMENT

- ✓ The National Environmental Policy Act (NEPA) requires federal agencies to assess the environmental effects of their proposed actions prior to making decisions
- ✓ An Environmental Impact Statement (EIS) is prepared when it is anticipated that a proposed project could significantly affect the quality of the human and natural environment
- ✓ This phase of the project is a more in-depth and focused study using the information from the Feasibility Study
- ✓ Adhering to NEPA is required on any project that would receive any federal funding



NEPA PROCESS

National
Environmental
Policy Act

TxDOT is developing an EIS under an agreement with the Federal government.

TxDOT'S NEPA ASSIGNMENT

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 9, 2019, and executed by the Federal Highway Administration (FHWA) and TxDOT.

La revisión ambiental, consultas y otras acciones requeridas por las leyes ambientales federales aplicables para este proyecto están siendo o han sido, llevado a cabo por TxDOT - en virtud de 23 U.S.C. 327 y un Memorando de Entendimiento fechado el 9 de diciembre del 2019, y ejecutado por la FHWA y TxDOT.

Scoping and the EIS Process



Scoping is an open process involving the public and federal, state, and local agencies that determine a range of issues, alternatives, and potential environmental impacts considered in the EIS.



SCOPING

WE ARE HERE

FALL 2020 - SPRING 2021

- **Host Agency and Public Scoping Meetings** – present and gather input on the draft Purpose and Need, Range of Alternatives, Methodology and Level of Detail for Analyzing Alternatives, and Coordination Plan
- **Issue Notice of Intent (NOI)**



ANALYSIS & PUBLIC MEETING

SPRING 2021 - FALL 2021

- **Conduct Analysis of Alternatives**
- **Analyze Alternatives for Potential Impacts**
- **Host Public Meeting** – present and gather input on Reasonable Alternatives, design schematics, and findings of environmental studies



DRAFT EIS & PUBLIC HEARING

FALL 2021 - SUMMER 2022

- **Identify Preferred Alternative**
- **Further Develop Schematic Design**
- **Host Public Hearing** – present and gather input on the draft EIS document including the Preferred Alternative



FINAL EIS & RECORD OF DECISION

SUMMER 2022 - WINTER 2022

- **Finalize the EIS**
- **Issue Record of Decision**

Project Tasks: More Detailed Evaluation



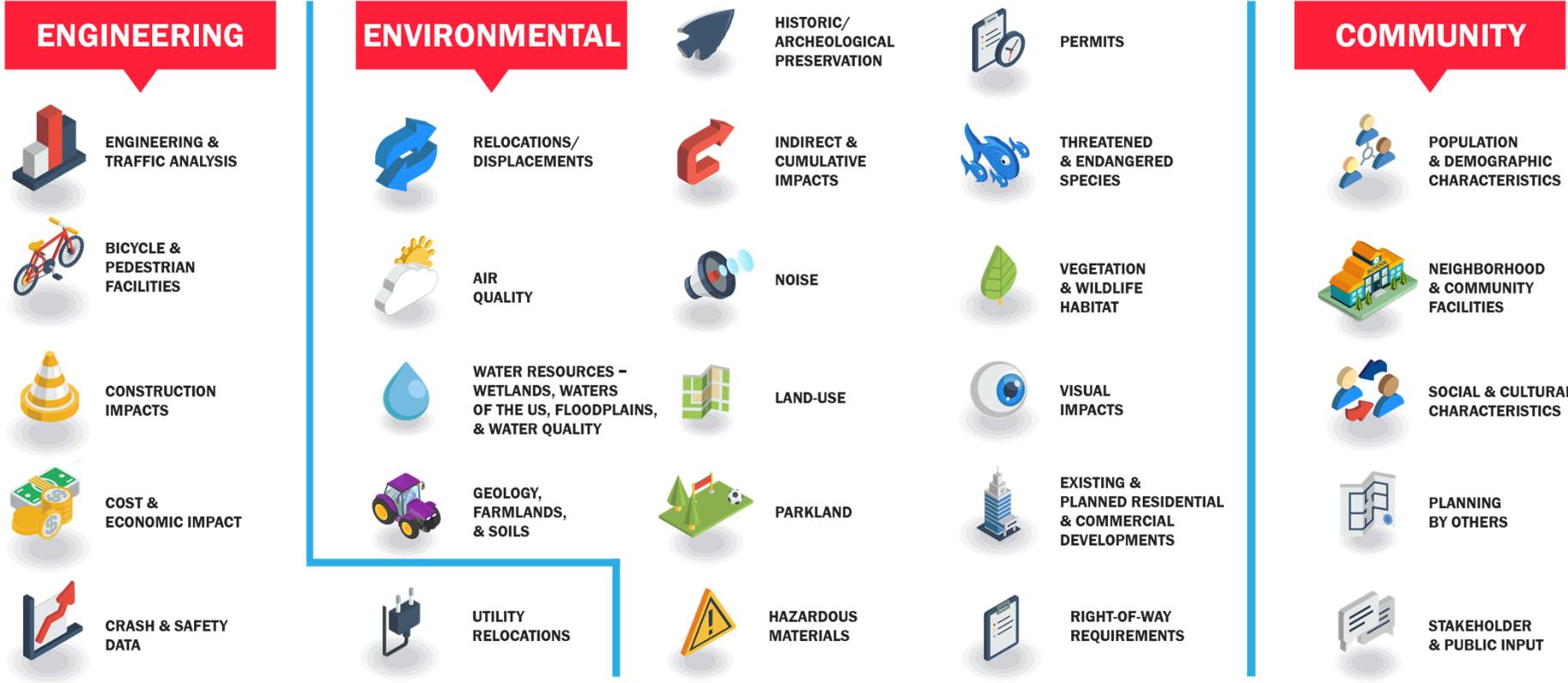
MORE DETAILED

Evaluation

TxDOT will complete more detailed evaluation during this phase of project development including:

- ✓ Prepare Methodology and Level of Detail for Analyzing Alternatives
- ✓ Develop plans to address future travel demand
- ✓ Further analyze population and employment growth
- ✓ Design a freeway to current roadway design and safety standards
- ✓ Conduct field assessments and surveys to determine locations of resources such as wetlands, floodplains, and culturally sensitive areas
- ✓ Evaluate any potential noise, air quality, and community impacts
- ✓ Complete more in-depth economic impact studies

Criteria Evaluated During the EIS Process



Review the Methodology and Level of Detail to Analyze Alternatives



REVIEW:

- Purpose and Need, Engineering, Public Input, and Environmental Resources categories
- Detailed analysis that must go into the project before TxDOT evaluates alternatives during the EIS process

COMMENT:

- What other resource categories should be addressed?
- Are there additional or updated study methodologies that should be considered?

The Alternatives Analysis and Reasonable Alternatives will be presented for public comment at the Public Meeting expected to be held fall of 2021.



MORE DETAILED

Design

TxDOT will complete schematic design during this phase of project development including:

- ✓ Complete preliminary engineering tasks such as:
 - Determine how much right-of-way is needed
 - Customize typical sections for different locations
 - Develop ramp locations and interchange configurations
 - Determine the constructability of the project
 - Calculate more detailed cost estimates
 - Complete drainage design
 - Consider bicycle and pedestrian accommodations



MORE

Coordination

TxDOT will complete more coordination during this phase of project development including:

- ✓ Coordination Plan available for public review at Drive380.com/CoitFM1827
- ✓ Coordinate with resource agencies
- ✓ Continue to work with area cities, towns, and county to update future development and transportation plans
- ✓ Complement the current and planned roadway network in the region
- ✓ Consider nearby roadway projects
- ✓ Coordinate with major utilities such as North Texas Municipal Water District



EXISTING

Conditions

- ✓ 4 to 6 lane arterial
- ✓ Right-of-way between 130 and 180 feet wide
- ✓ Traffic over capacity during rush hours
- ✓ Rated in engineering terms as a “F” level of service





PROJECT PURPOSE & NEED



MANAGE
CONGESTION

PURPOSE



IMPROVE
SAFETY



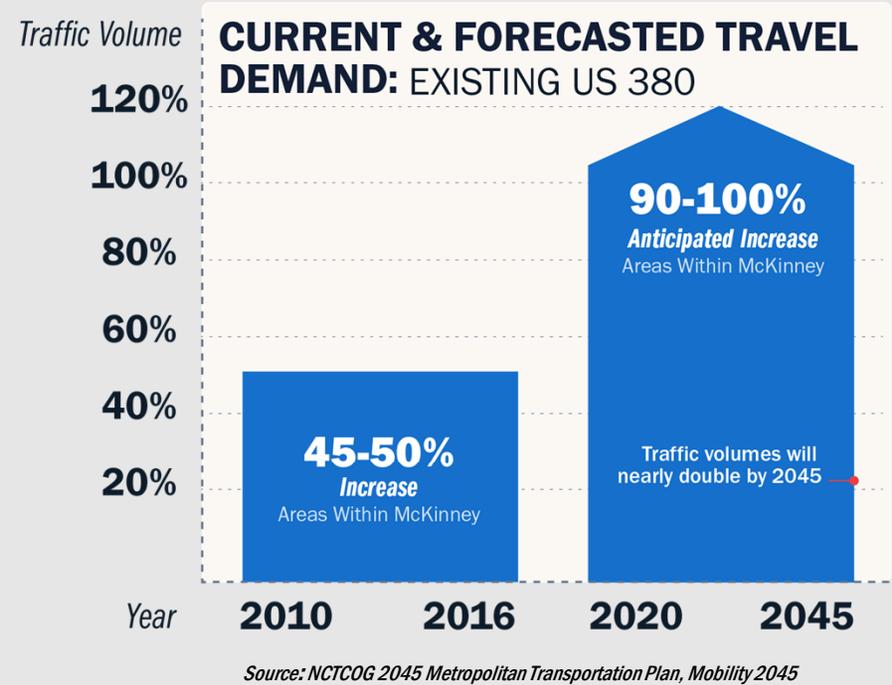
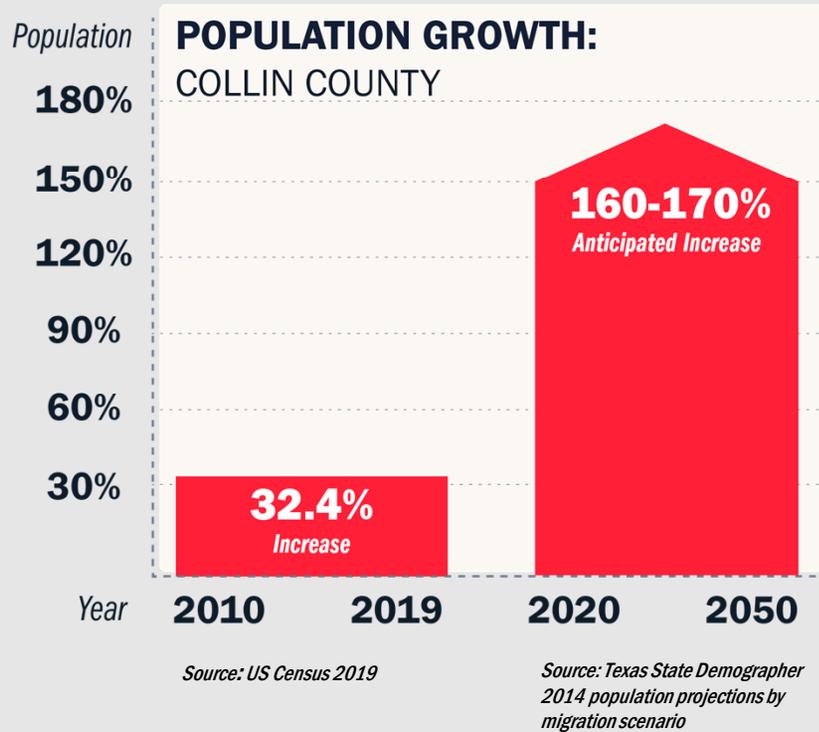
IMPROVE
EAST-WEST MOBILITY

NEED

Population growth within the central portion of Collin County has caused increases in current and forecasted traffic volumes that exceed the capacity of US 380 between Coit Road and FM 1827, leading to increased congestion, reduced mobility, and higher crash rates compared to other similar roadways in the region.

[View the Purpose and Need Memorandum at Drive380.com/CoitFM1827](https://drive380.com/CoitFM1827)

Population Growth and Increasing Traffic Congestion



Limited Roadway Capacity and High Crash Rates

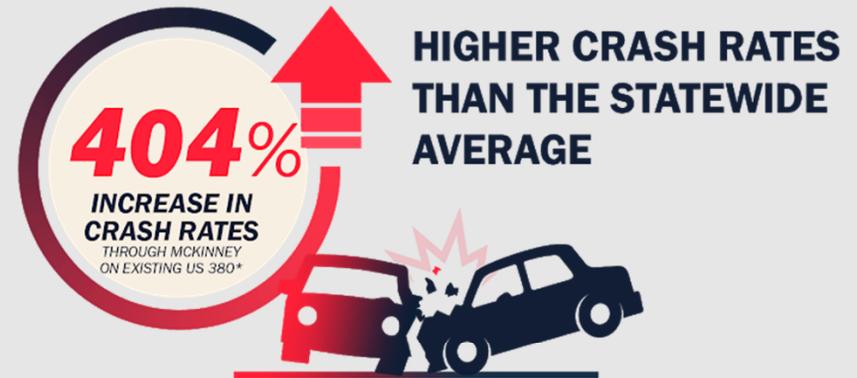


US 380 CURRENTLY OPERATES AT A LEVEL OF SERVICE (LOS)* F

DUE TO HIGH TRAFFIC VOLUMES AND LIMITED ROADWAY CAPACITY



* LOS measures the quality of motor vehicle traffic service based on performance measures like vehicle speed, density, and congestion.



* 2010-2016 TxDOT Crash Records Information System (CRIS) Data Compared to statewide average crash rate for an urban US Highway reported in crashes per 100 million vehicle miles traveled.



HIGHLY CONSTRAINED

Project Area

*There are many constraints
TxDOT must consider in this
project area that is rapidly
developing and growing*

*There are also no major
roadway improvements
planned in the project area*

- ✓ Neighborhoods
- ✓ Existing businesses and residences
- ✓ Future developments
- ✓ Existing and future parks
- ✓ Wetlands, floodplains, and streams
- ✓ Cemeteries
- ✓ Utilities and water supply projects

Proposed Project

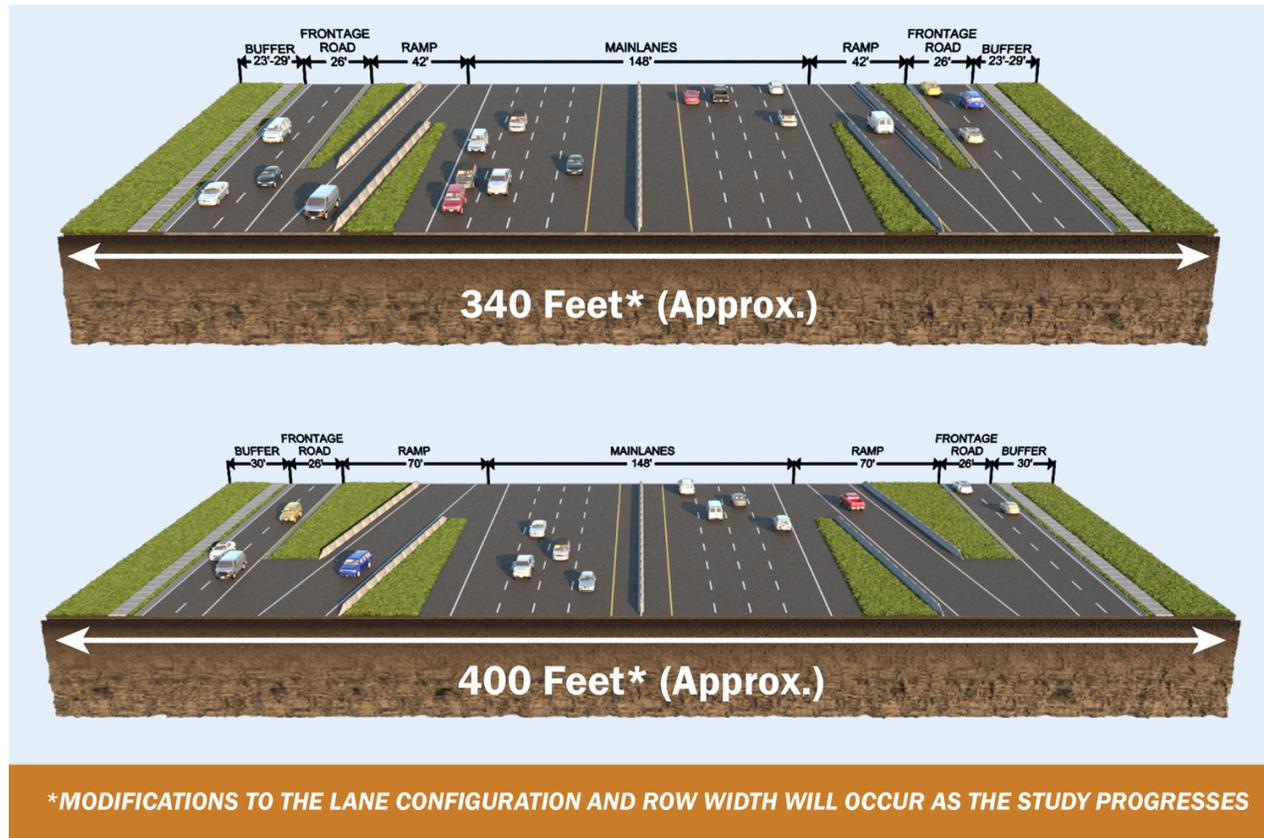


PROPOSED

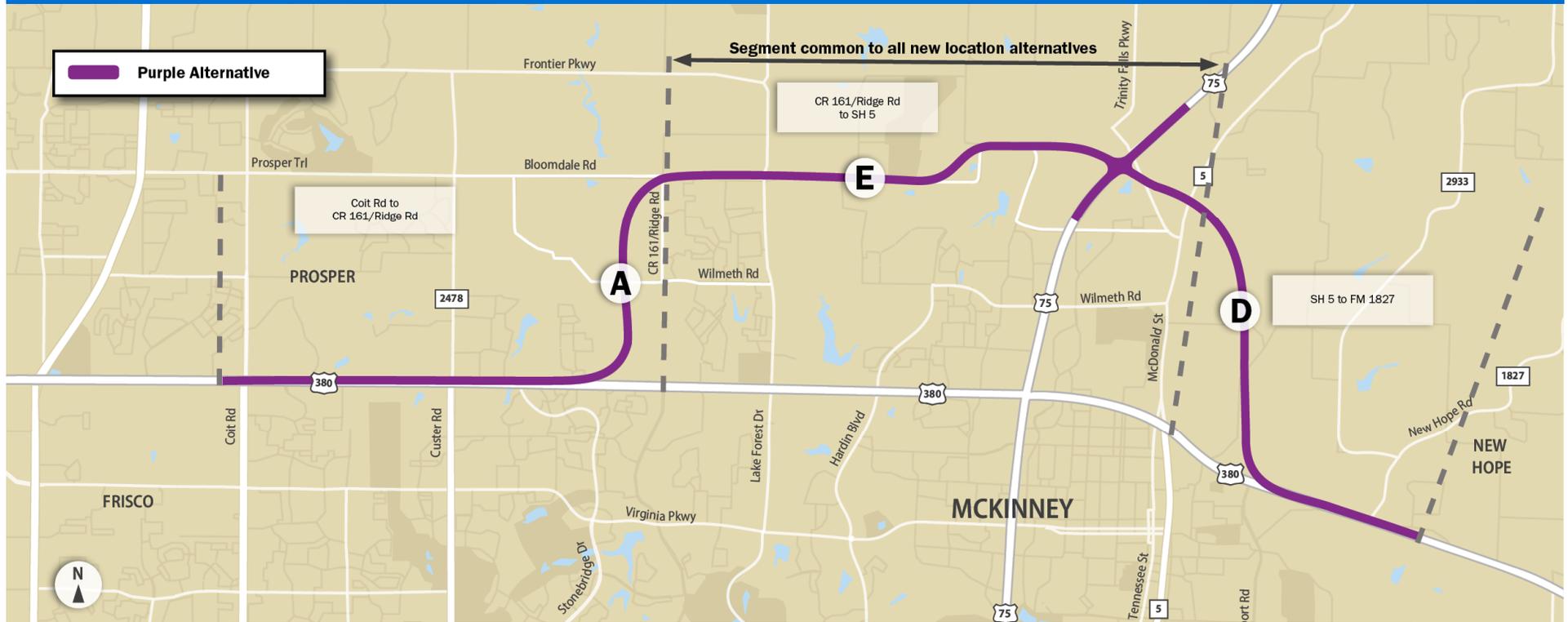
Project

Considering a No-Build Alternative, improving the existing US 380 into a freeway, and new location freeway alternatives

Proposed to accommodate an eight-lane freeway with frontage roads

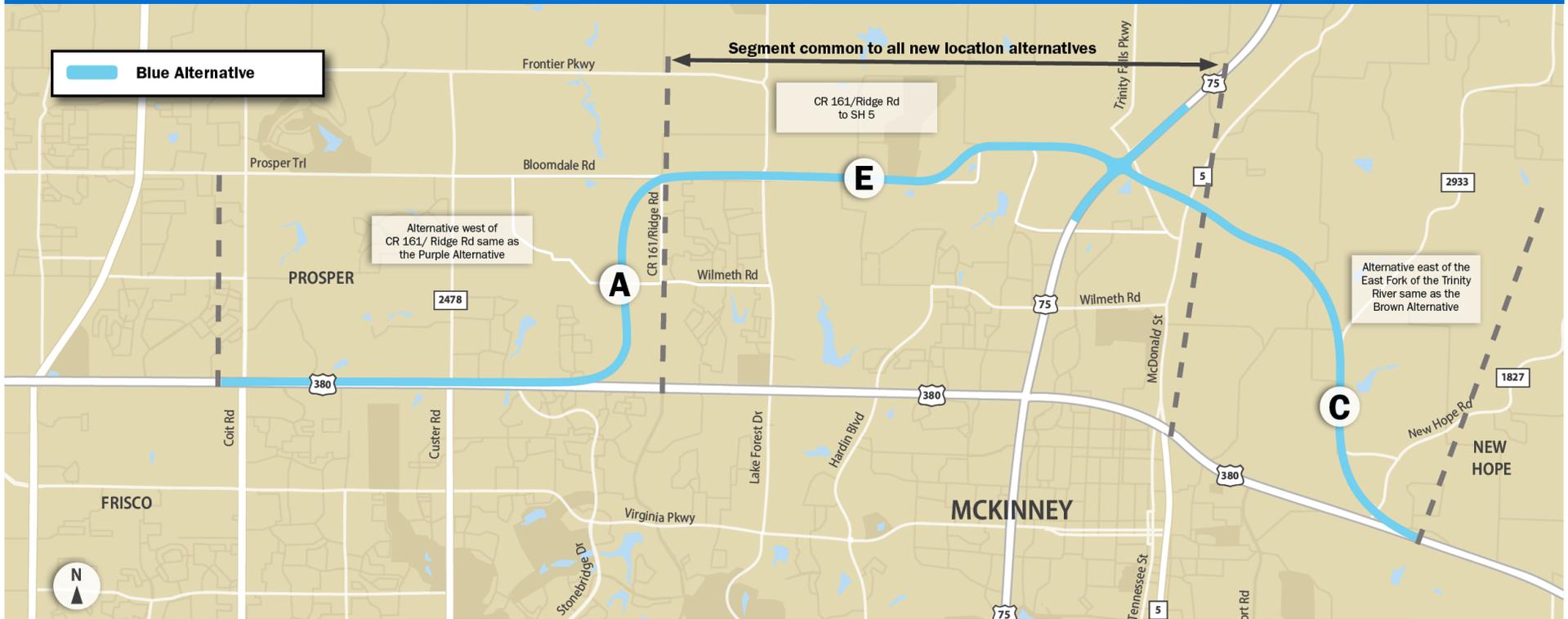


Purple Build Alternative – New Location



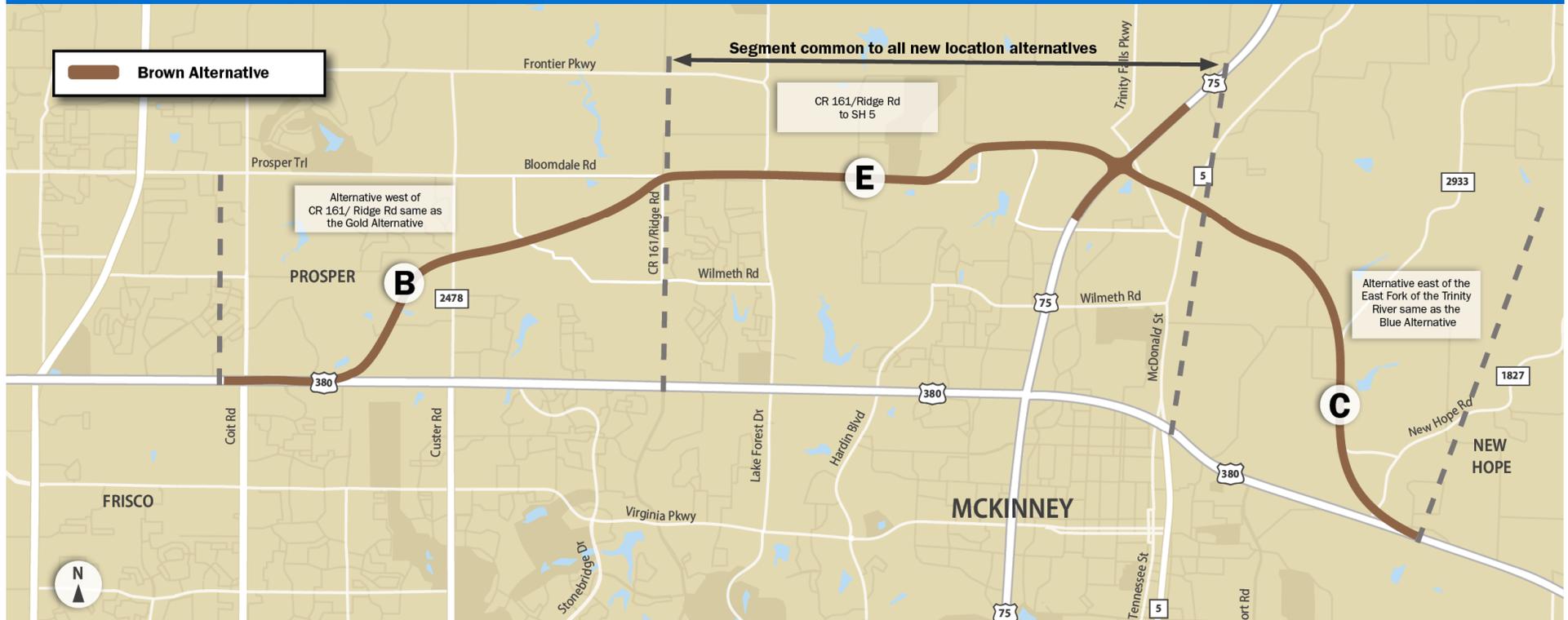
Modifications may continue to be made to the alternatives as the project progresses.

Blue Build Alternative – New Location



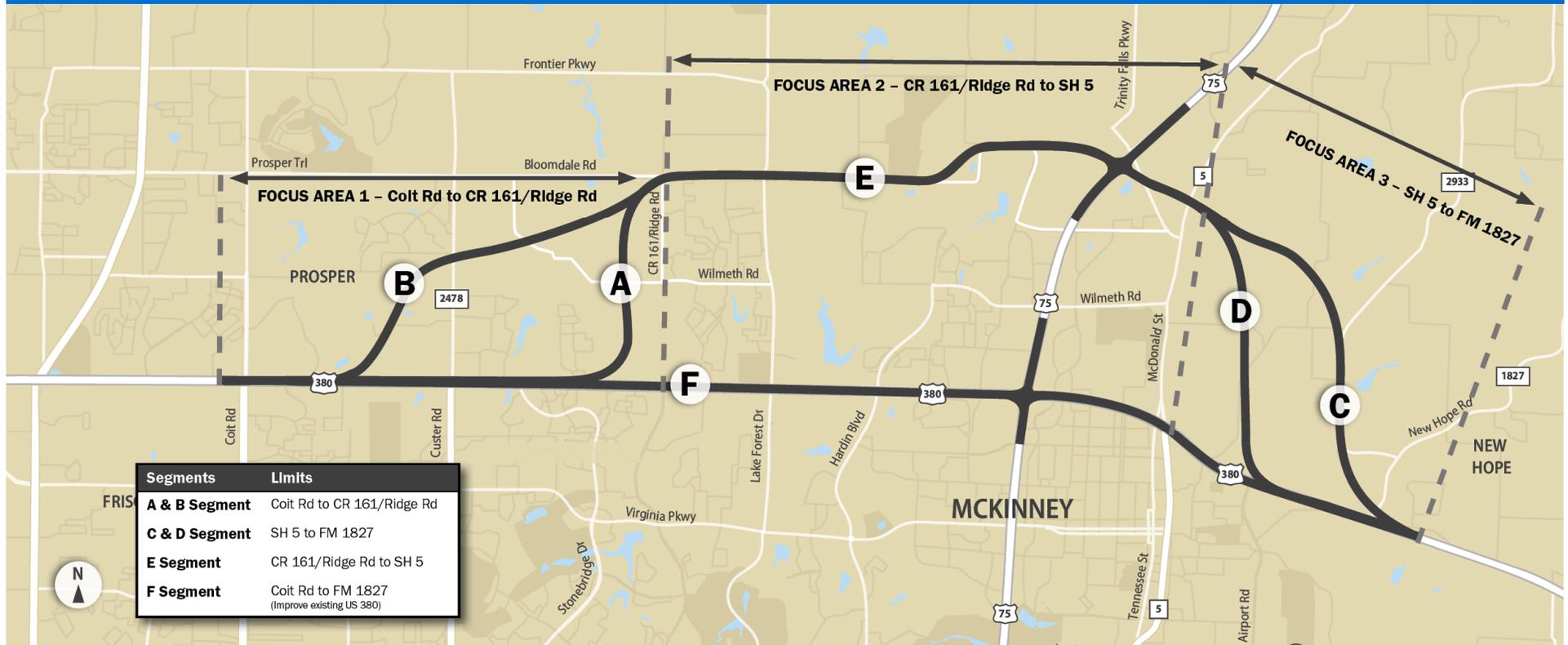
Modifications may continue to be made to the alternatives as the project progresses.

Brown Build Alternative – New Location



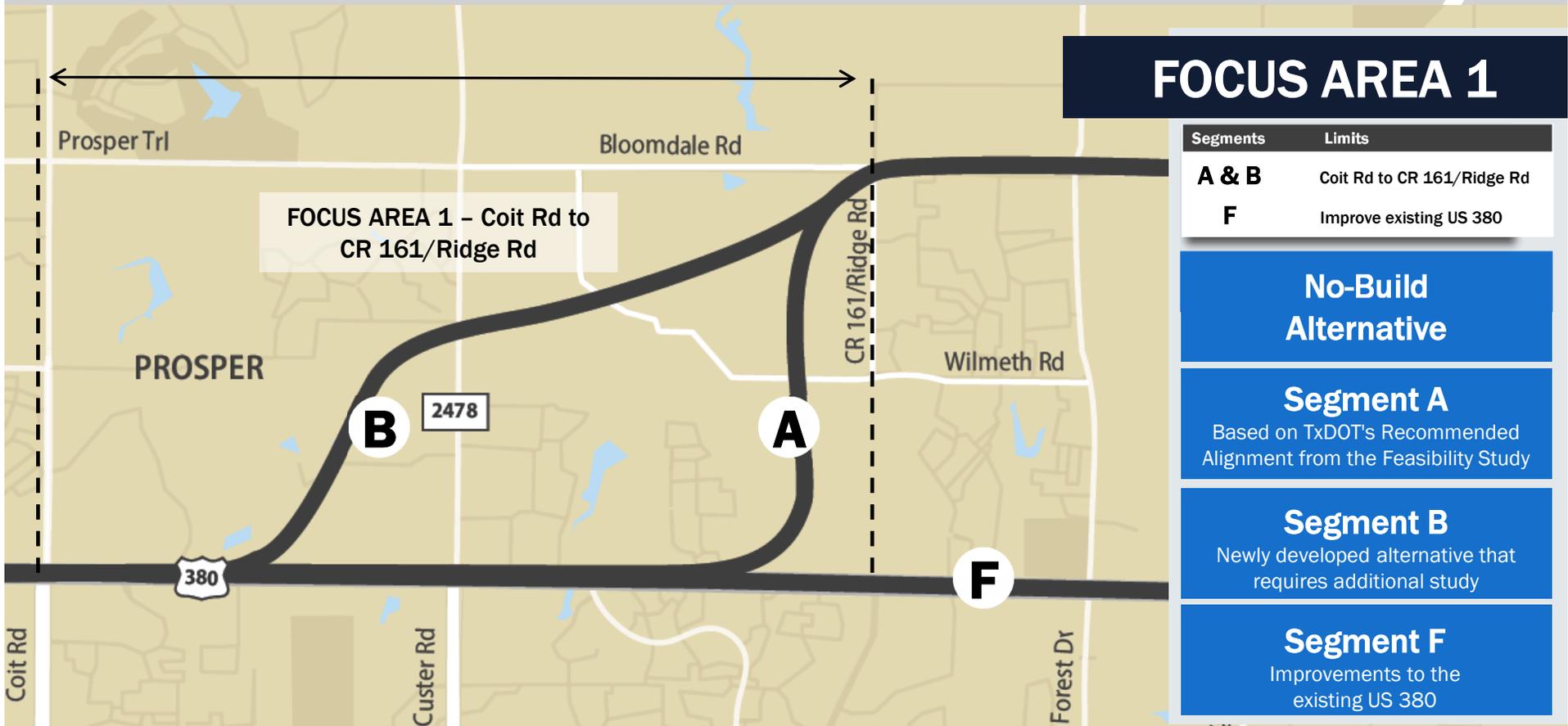
Modifications may continue to be made to the alternatives as the project progresses.

Project Segments

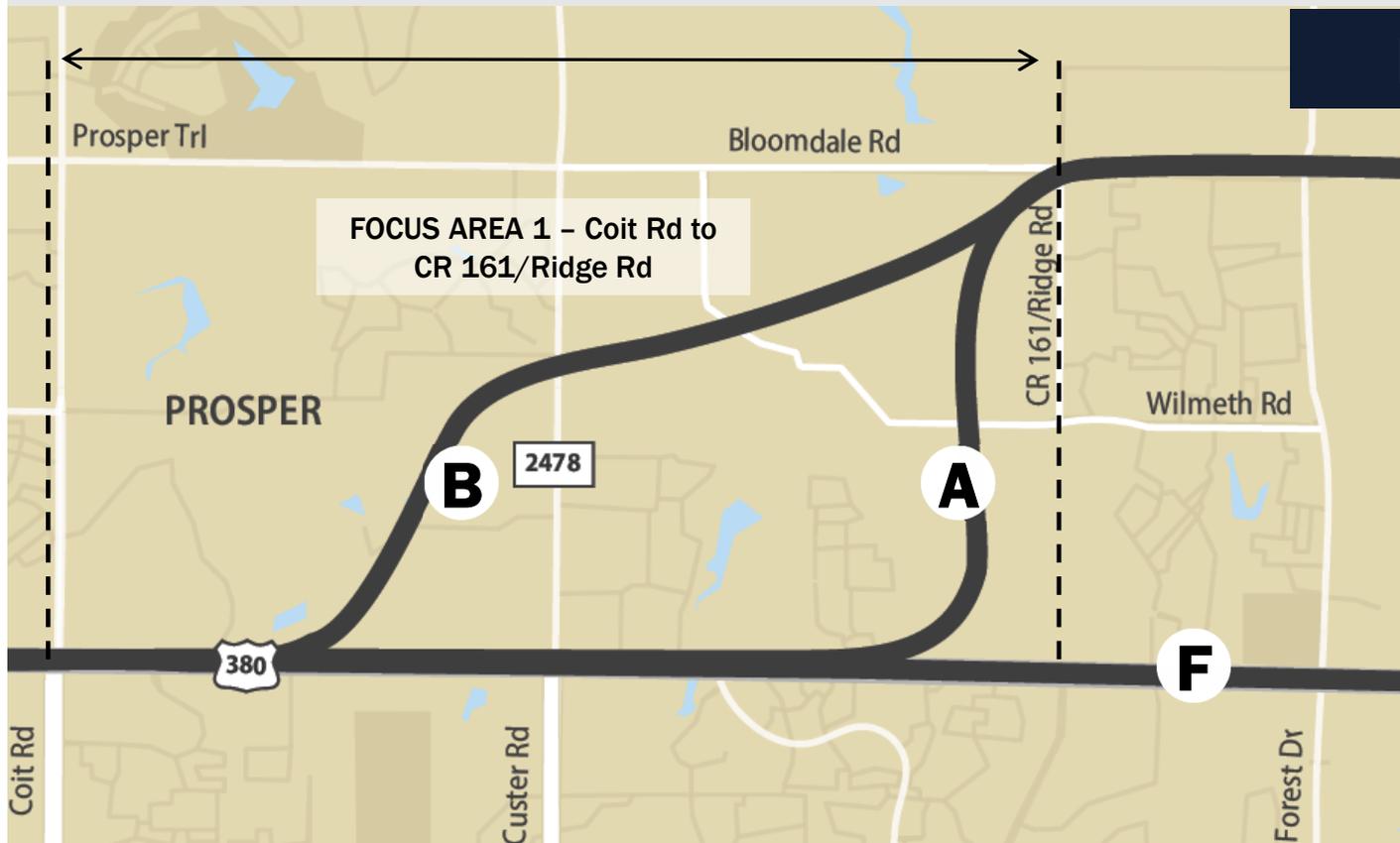


Segments	Limits
A & B Segment	Coit Rd to CR 161/Ridge Rd
C & D Segment	SH 5 to FM 1827
E Segment	CR 161/Ridge Rd to SH 5
F Segment	Coit Rd to FM 1827 (Improve existing US 380)

Focus Area 1: Coit Road to CR 161/Ridge Road



Focus Area 1: Coit Road to CR 161/Ridge Road

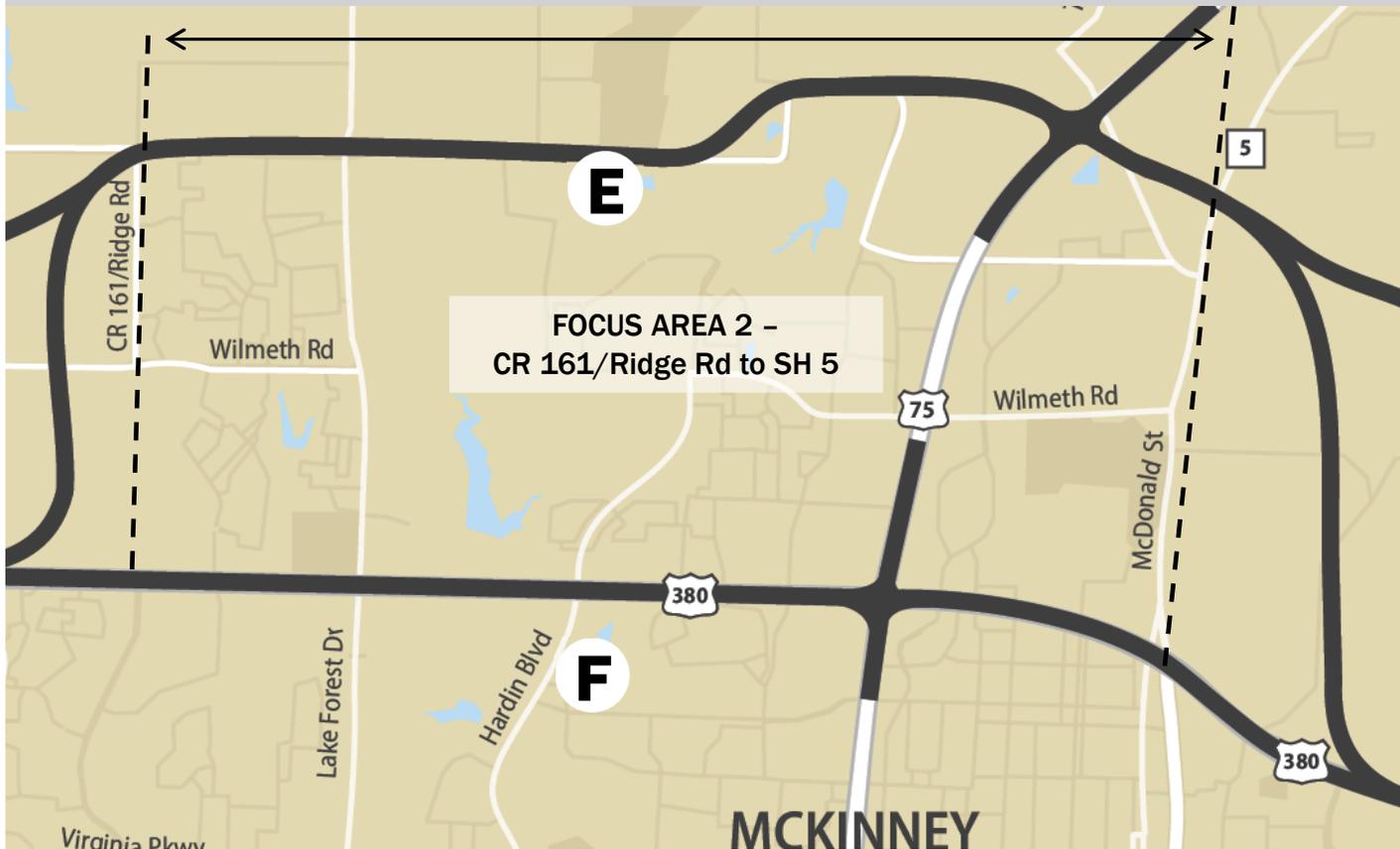


FOCUS AREA 1

MAJOR Constraints

- *Large Neighborhoods*
- *Existing and Proposed Developments*
- *Major Utilities*
- *Special Use Facility*

Focus Area 2: CR 161/Ridge Road to SH 5



FOCUS AREA 2

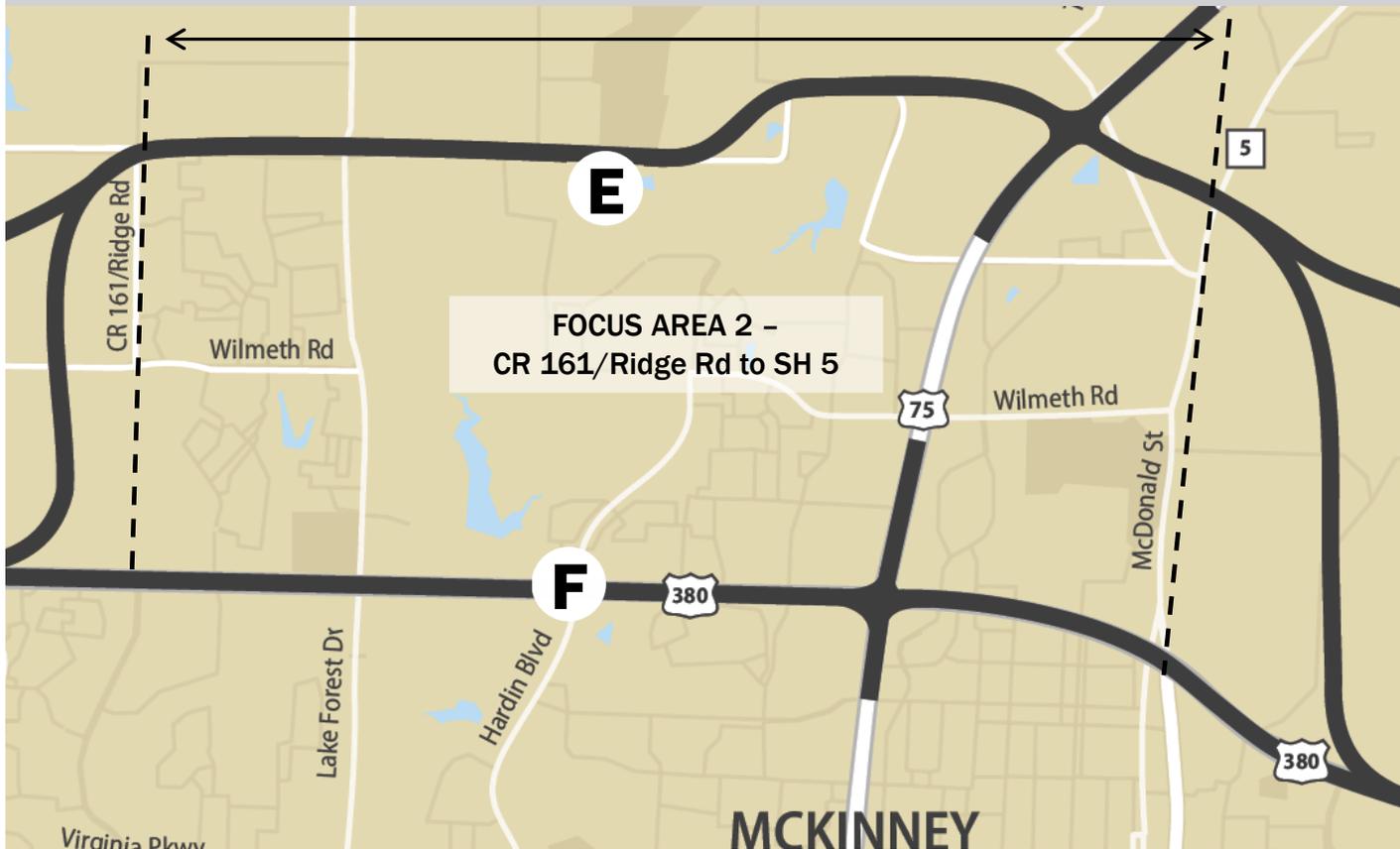
Segments	Limits
E	CR 161/Ridge Rd to SH 5
F	Improve existing US 380

No-Build Alternative

Segment E
 Along the existing Bloomdale Road from CR 161 to approximately CR 1007 where it heads north and east, crossing US 75 to SH 5

Segment F
 Improvements to the existing US 380

Focus Area 2: CR 161/Ridge Road to SH 5



FOCUS AREA 2

MAJOR Constraints

- *Large Neighborhoods*
- *Wetlands and floodplains*
- *Parkland*
- *Major Utilities*

Focus Area 2: Recommended Alignment Changes



Recommended Alignment Changes:

CR 161 to Community Avenue

Segment E between CR 161 and Community Avenue has been revised from the Feasibility Study Recommended Alignment as follows:

- ✓ Shifting of the proposed freeway alignment approximately 80 feet to the north to accommodate construction of a new major water delivery pipeline
- ✓ The shift will create a wider buffer between the freeway and the Heatherwood neighborhood

Focus Area 2: Recommended Alignment Changes

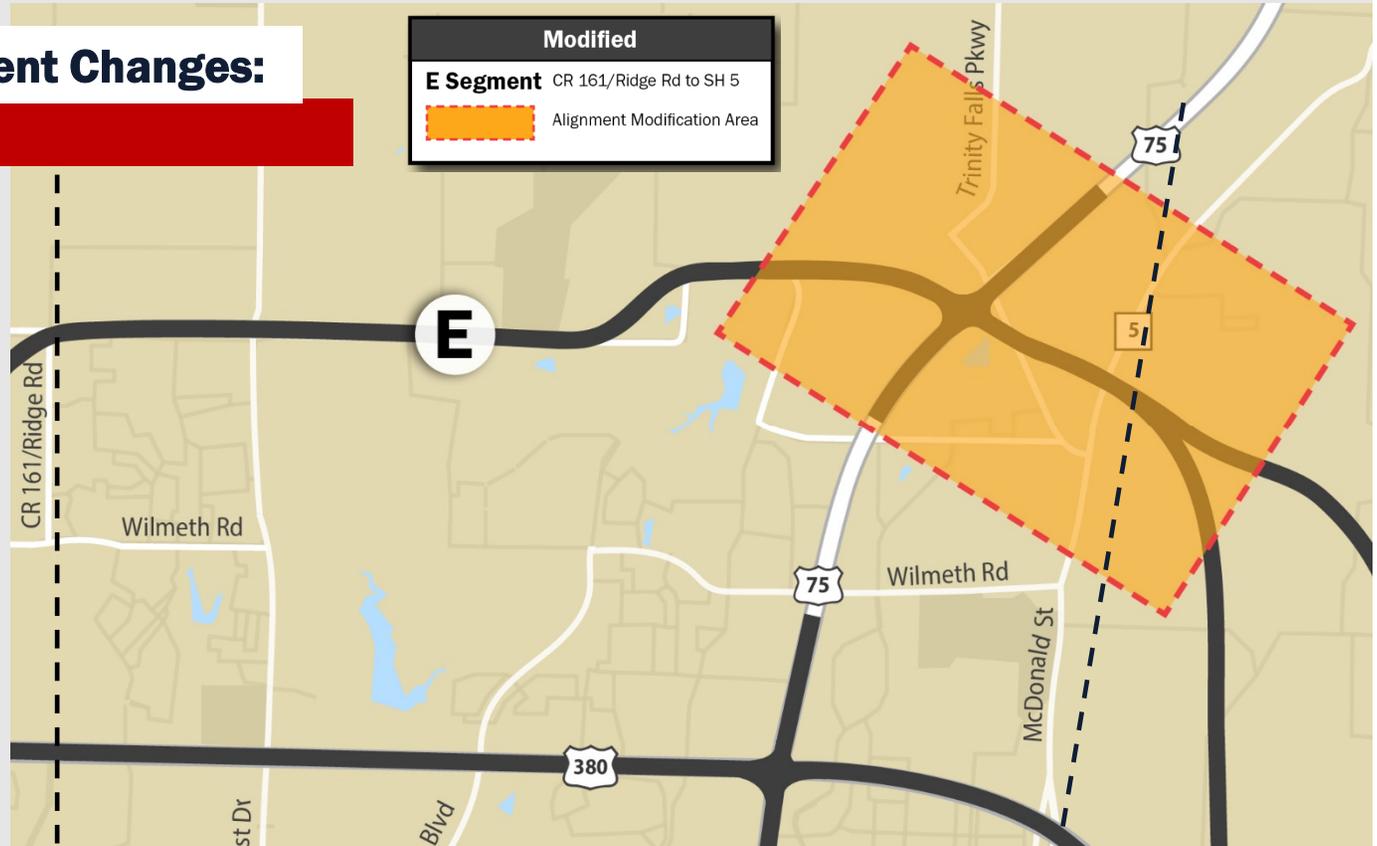


Recommended Alignment Changes:

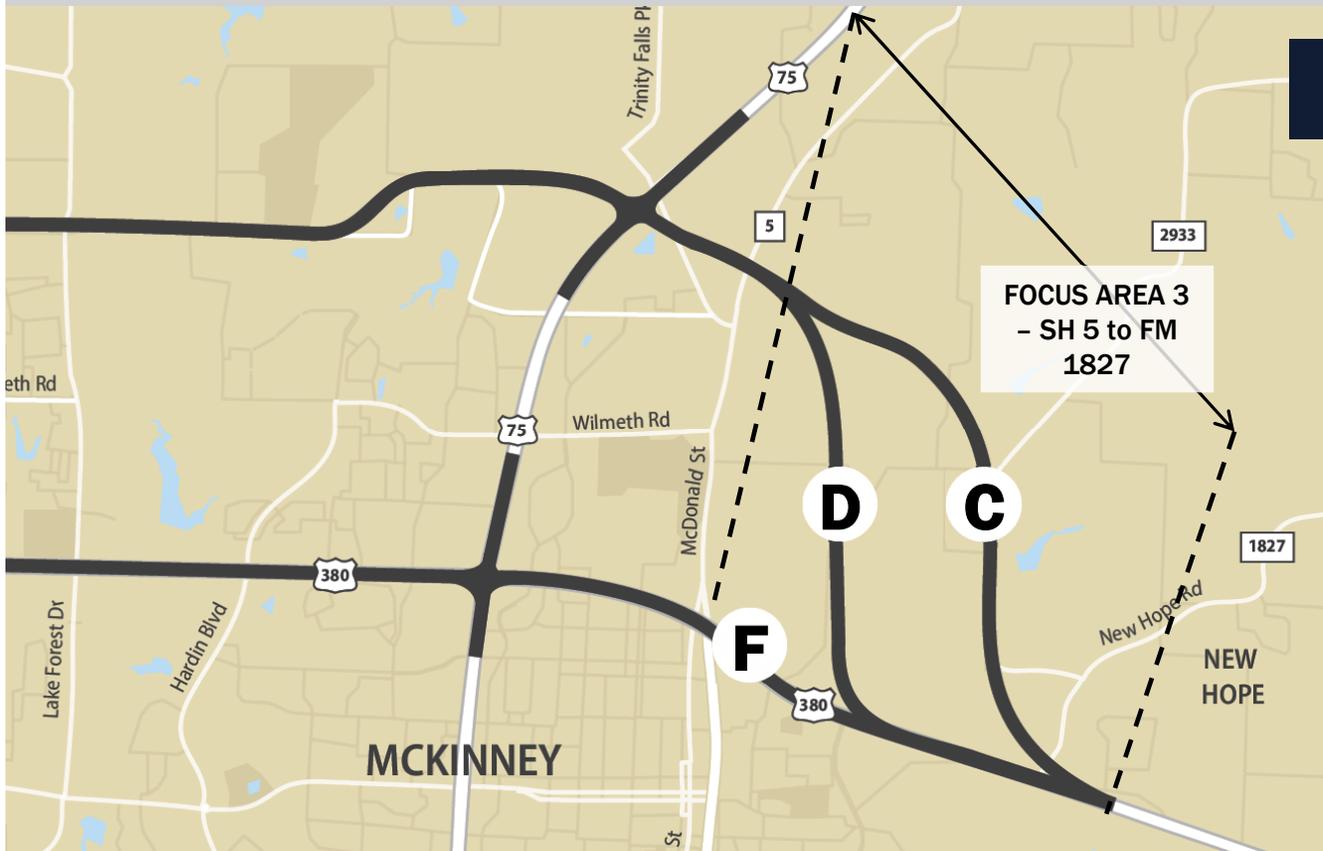
US 75 Interchange

The alignment connecting to US 75 and SH 5 has been shifted to the south between 1/8 and 1/4 mile to address the following:

- ✓ Economic development opportunities
- ✓ Avoidance and minimization of impacts to floodplains and wetlands associated with Honey Creek and the East Fork of the Trinity River



Focus Area 3: SH 5 to FM 1827



FOCUS AREA 3

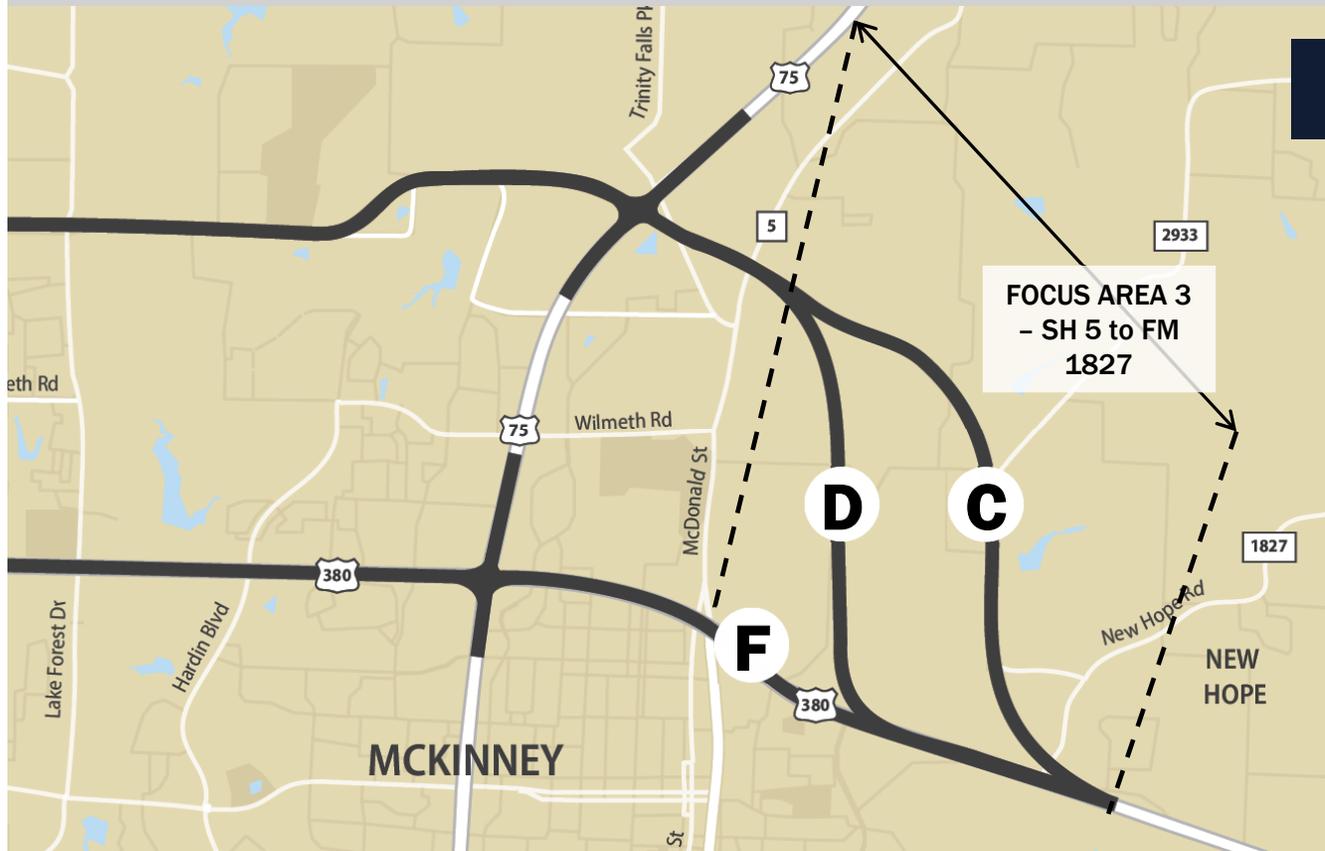
Segments	Limits
C & D	Coit Rd to CR 161/Ridge Rd
F	Improve existing US 380

No-Build Alternative

Segment C & D
Near SH 5 has been shifted south since the Feasibility Study

Segment F
Improvements to the existing US 380

Focus Area 3: SH 5 to FM 1827



FOCUS AREA 3

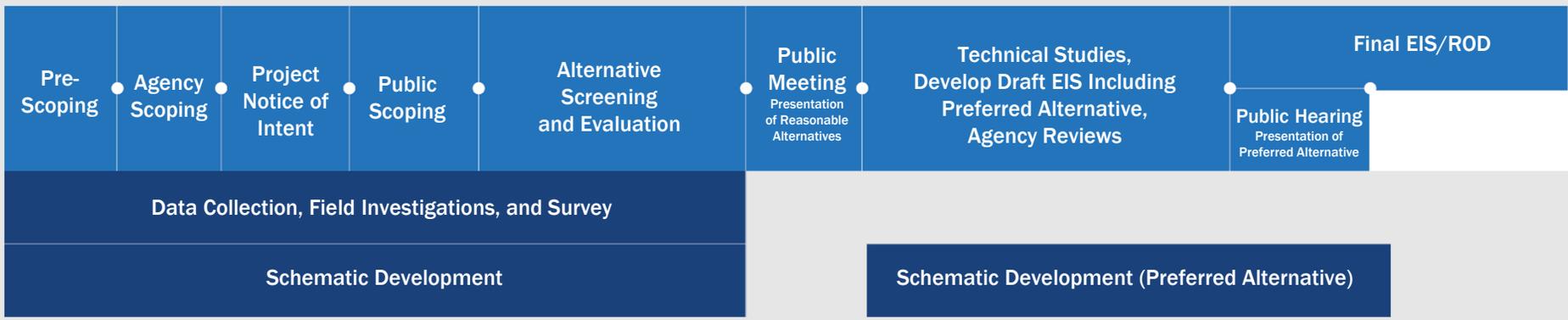
MAJOR Constraint

- *Floodplain Challenges*

Project Schedule

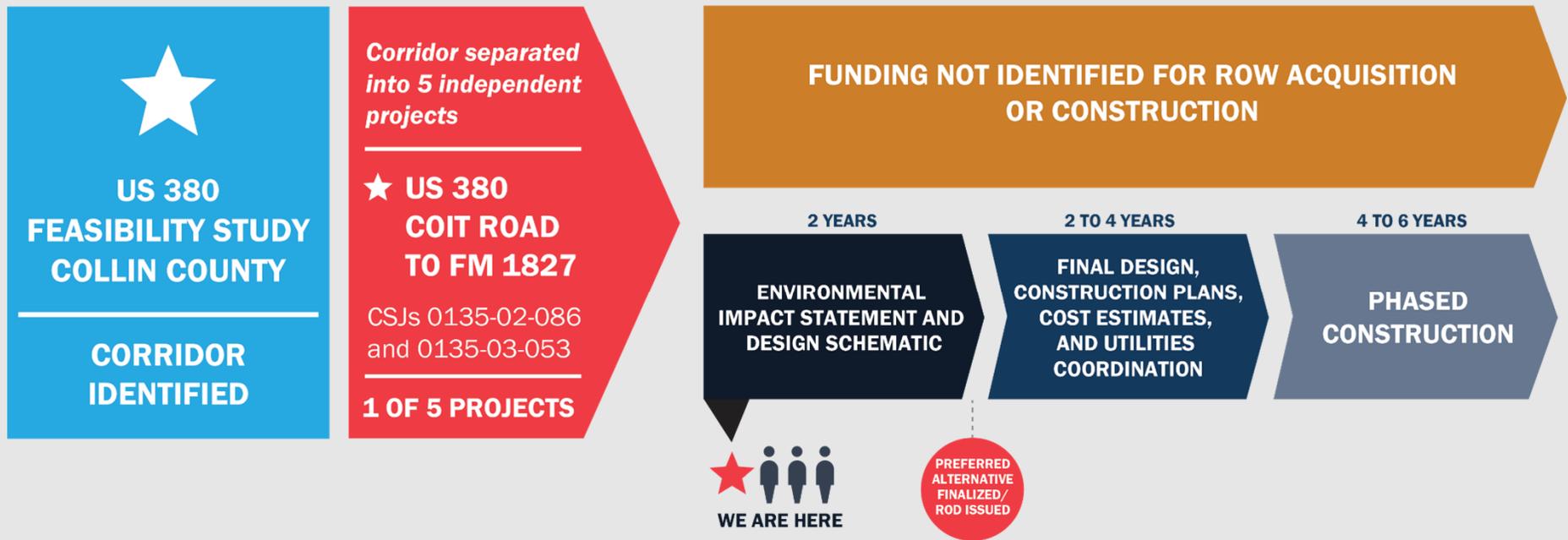


WE ARE HERE





PROJECT DEVELOPMENT



Please Consider During Your Review



DOCUMENTS:

- Purpose and Need Memorandum
- Range of Alternatives
- Methodology and Level of Detail for Analyzing Alternatives
- Coordination Plan

ALIGNMENTS/ALTERNATIVES:

- A final alternative has not been chosen
- Alternatives being shown are conceptual
- Each concept is being shown with 340 to 400 foot right-of-way width

A Preferred Alternative will be presented for your comment at the Public Hearing expected to be held summer of 2022.

How to Submit Your Comments



PROVIDE INPUT



Online

Comment form
is located on

Drive380.com/CoitFM1827



Email

Stephen.Endres@txdot.gov



Mail

TxDOT Dallas District
Attn: Stephen Endres, P.E.
4777 E US Highway 80
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COMMENTS MUST BE SUBMITTED BY FEB. 5, 2021

PROJECT CONTACT: For general comments about the presentation or project, please contact TxDOT project manager, Stephen Endres, P.E. at Stephen.Endres@txdot.gov

Thank You!



THANK YOU!

***For taking the time to learn more about US 380
improvements from Coit Road to FM 1827.***

Your input will help shape the future of the project.