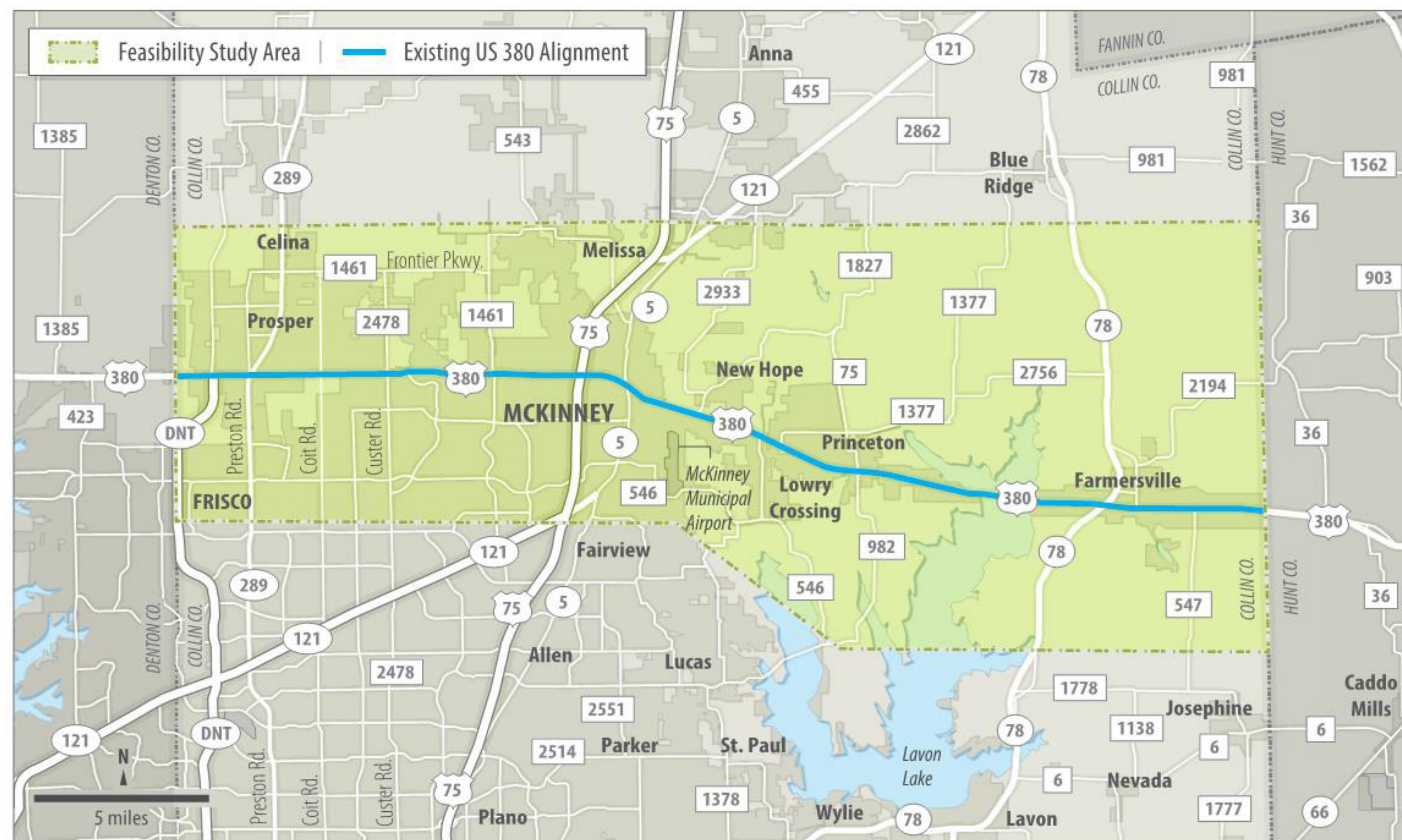




TEXAS DEPARTMENT OF TRANSPORTATION

WELCOME

US 380 COLLIN COUNTY FEASIBILITY STUDY



DALLAS DISTRICT
OPEN HOUSE

OCTOBER 4, 2018
6:00 TO 8:00 P.M.

PRESENTATION AT 7:00 P.M.

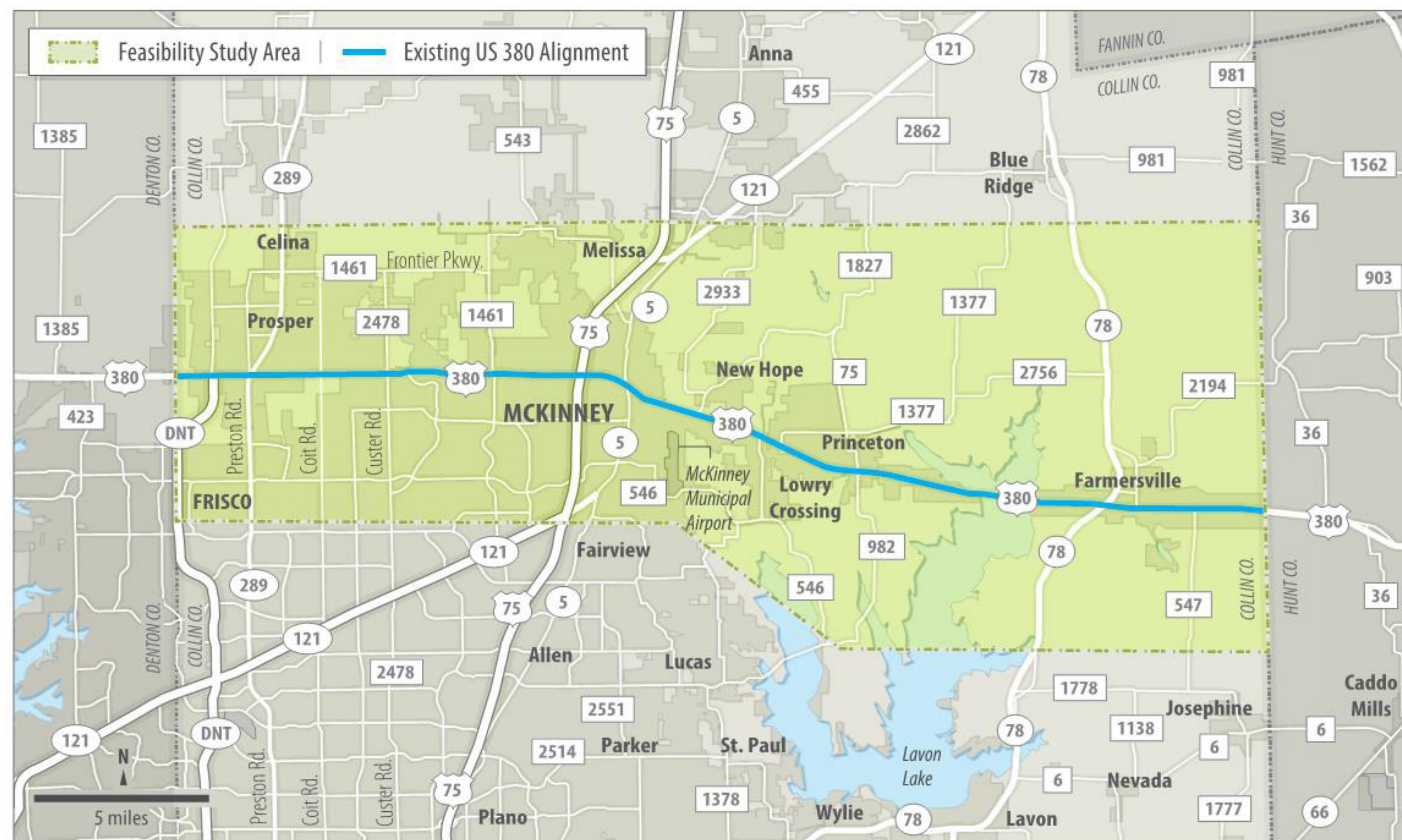
The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project is being, or has been, carried out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT.



TEXAS DEPARTMENT OF TRANSPORTATION

WELCOME

US 380 COLLIN COUNTY FEASIBILITY STUDY



DALLAS DISTRICT
OPEN HOUSE

OCTOBER 9, 2018
6:00 TO 8:00 P.M.

PRESENTATION AT 7:00 P.M.

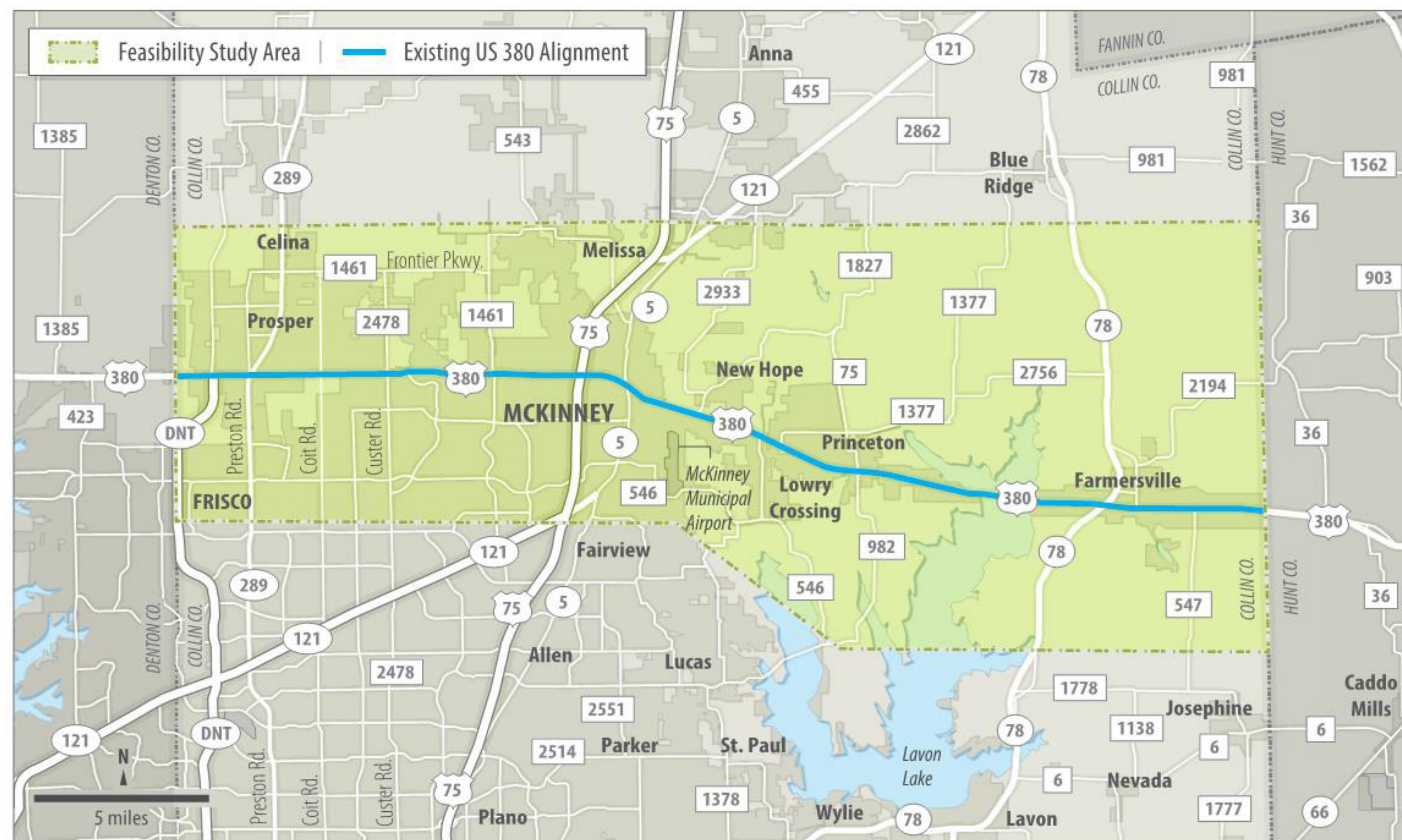
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TEXAS DEPARTMENT OF TRANSPORTATION

WELCOME

US 380 COLLIN COUNTY FEASIBILITY STUDY



DALLAS DISTRICT
OPEN HOUSE

OCTOBER 11, 2018
6:00 TO 8:00 P.M.

PRESENTATION AT 7:00 P.M.

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project is being, or has 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.



TEXAS DEPARTMENT OF TRANSPORTATION

Presentation

at

7:00 p.m.



TEXAS DEPARTMENT OF TRANSPORTATION

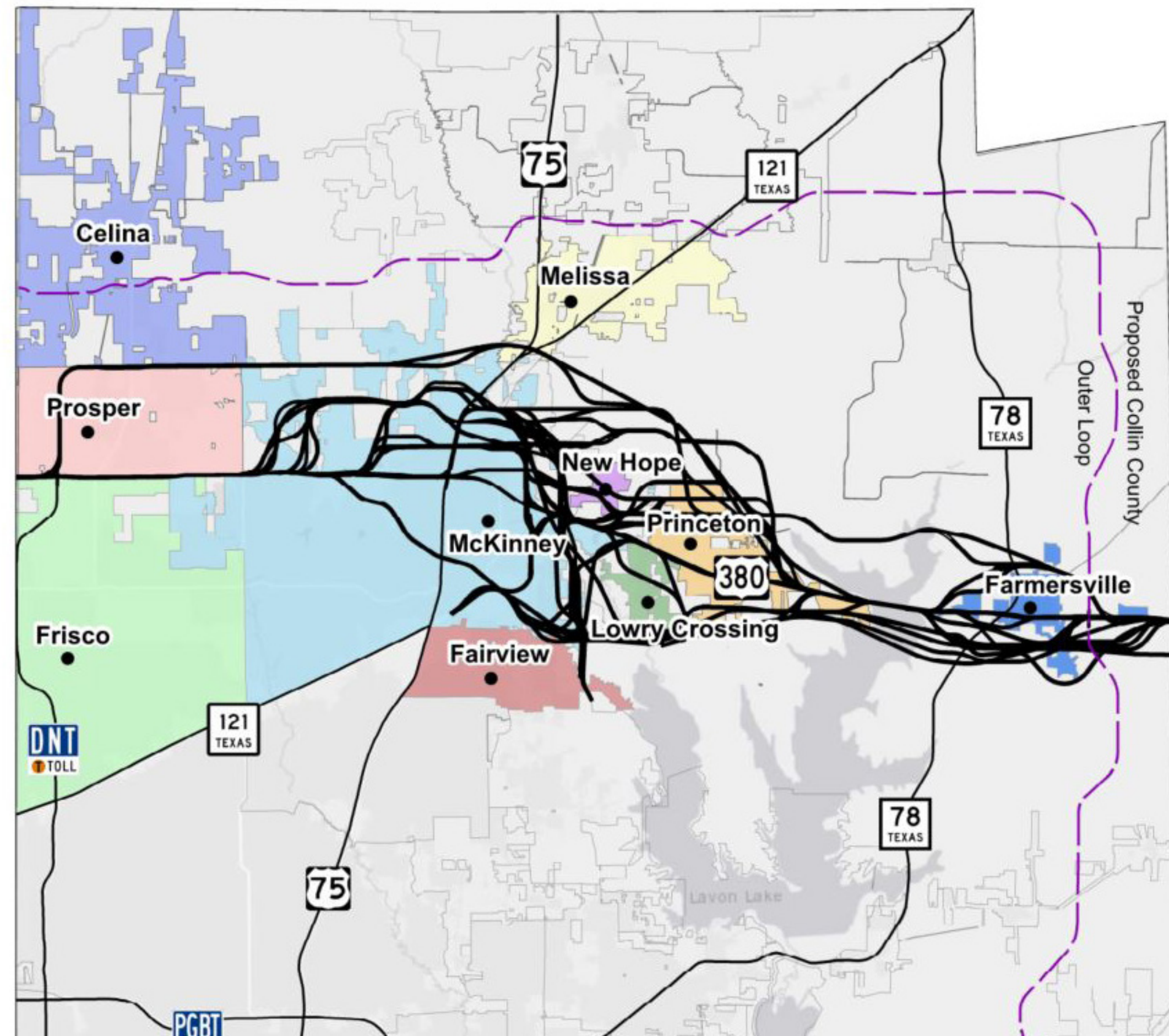
STUDY HISTORY

- STEP 1:** Need for the study is identified and study began June 2017
- STEP 2:** TxDOT developed and evaluated many potential alignment options based on engineering factors and known environmental constraints
- STEP 3:** TxDOT presented the project need, modes of transportation considered, three roadway scenarios, and five draft freeway alignment options in April and May of 2018
- STEP 4:** TxDOT received and began analyzing more than 4,000 surveys and comments
- STEP 5:** TxDOT refined alignment options
- STEP 6:** TxDOT presents revised alignment options in October 2018

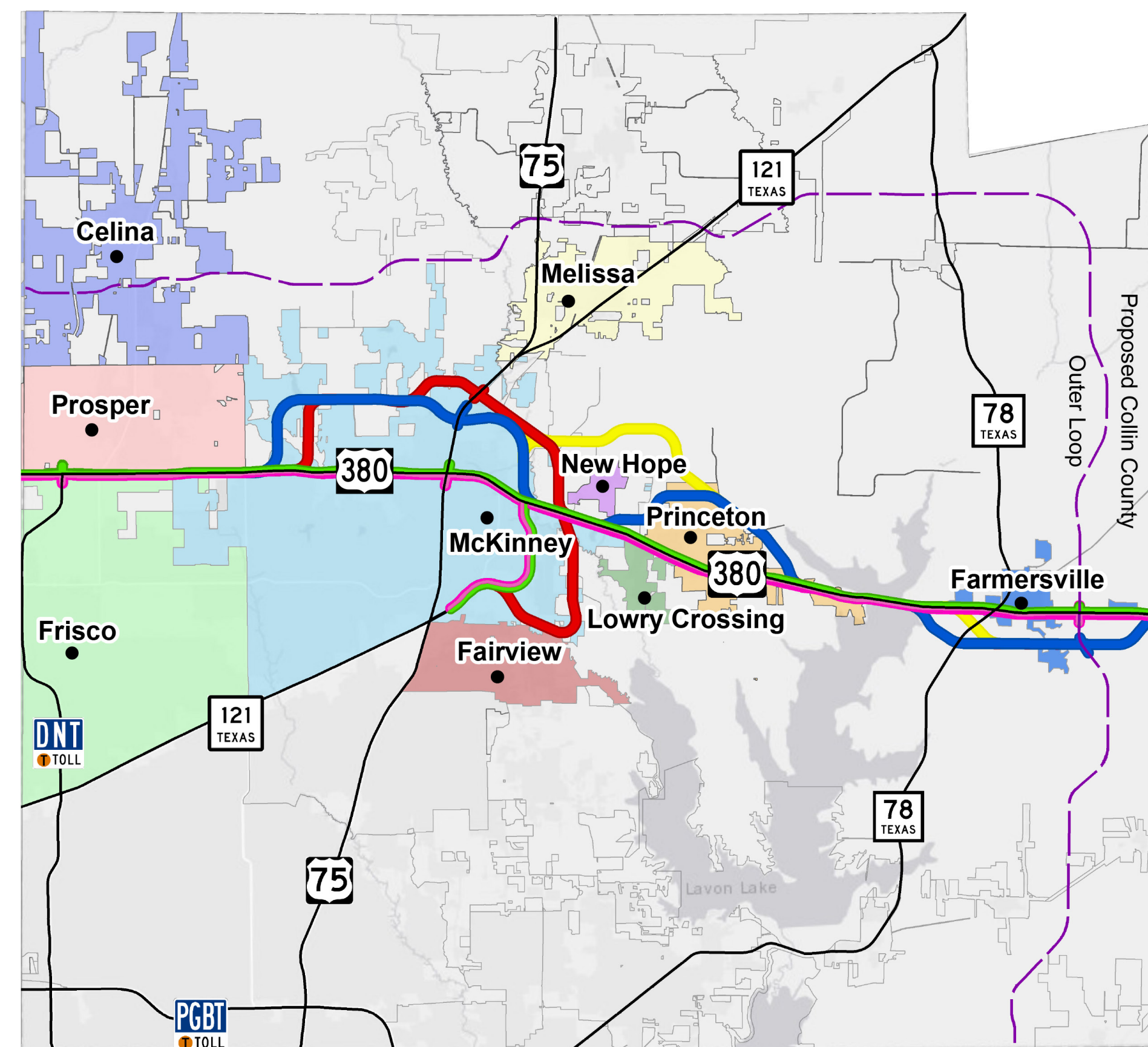


TEXAS DEPARTMENT OF TRANSPORTATION

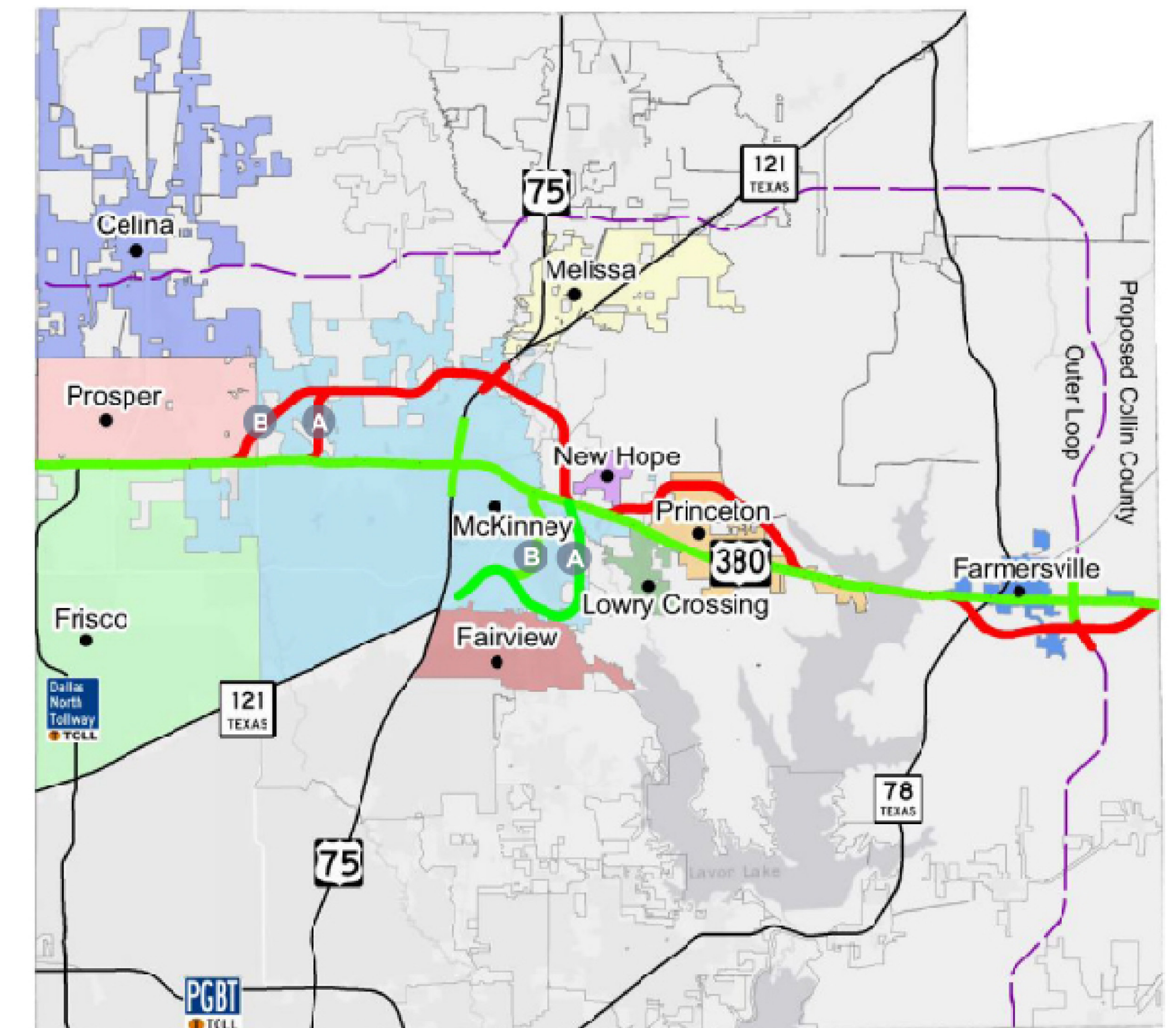
SUMMER 2017



SPRING 2018

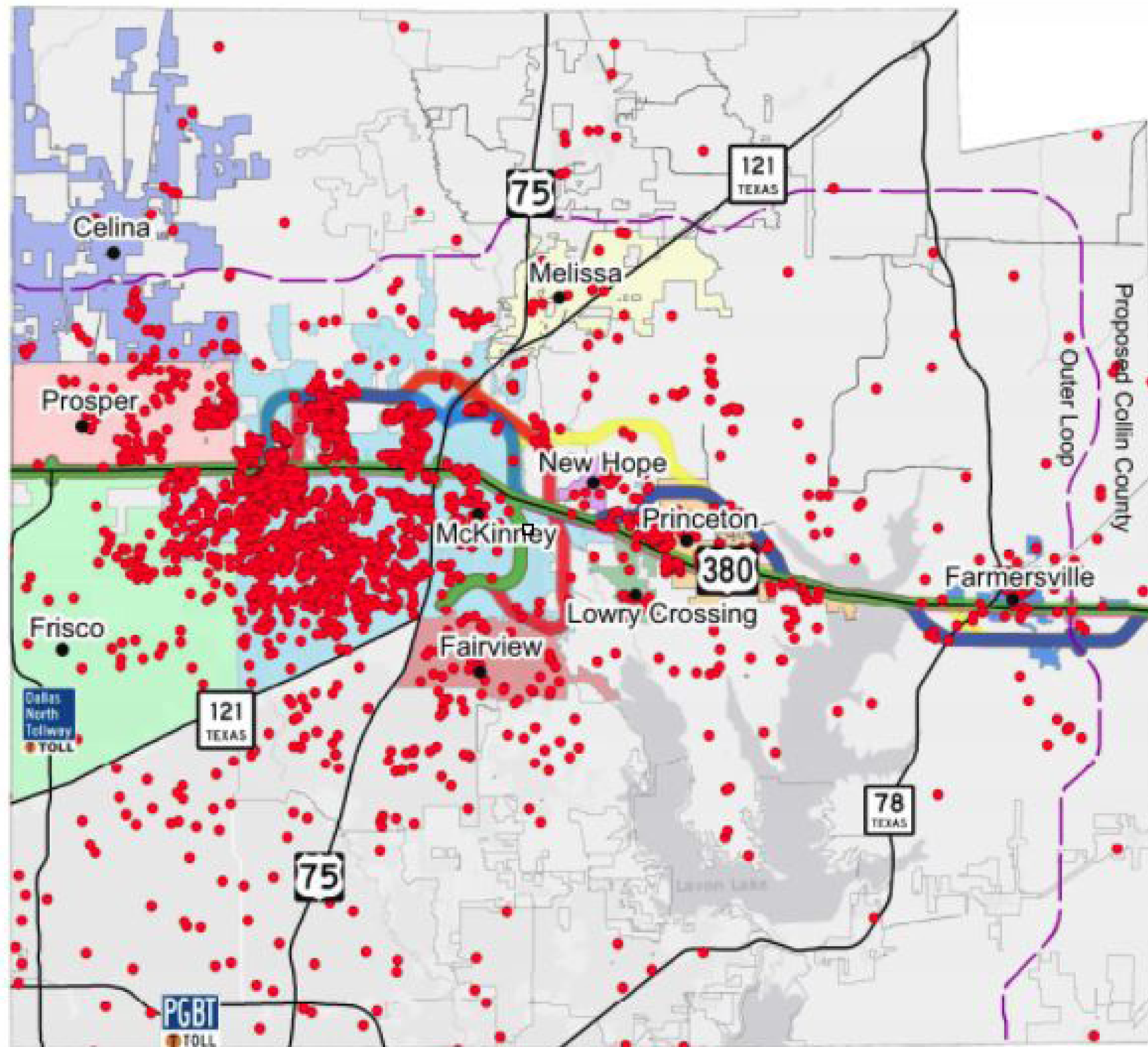


FALL 2018





TEXAS DEPARTMENT OF TRANSPORTATION



**RED DOTS INDICATE THE
LOCATION OF RESIDENCES
AND BUSINESSES IN
COLLIN COUNTY WHERE
INPUT WAS RECEIVED
DURING THE COMMENT
PERIOD.**



TEXAS DEPARTMENT OF TRANSPORTATION

INPUT HIGHLIGHTS

- **Over 4,000 comments and surveys received**
- **84% of comments/surveys listed concerns about the existing US 380 including:**
 - **Traffic**
 - **Congestion**
 - **Safety (number of accidents/fatalities and high rates of speed)**
 - **Pace of future developments and impacts on congestion**
 - **Lack of other east/west routes**



TEXAS DEPARTMENT OF TRANSPORTATION

WHAT WE HEARD - INPUT SPRING 2018

3:1

SUPPORT FOR
BUILDING A FREEWAY V.
NO BUILD ALTERNATIVE

1,897

SELECTED PREFERENCE FOR AN
ALIGNMENT ALONG THE
EXISTING US 380

WHAT RESIDENTS PREFER FOR THEIR CITY/TOWN

**FREEWAY ALONG
EXISTING
US 380**

PROSPER
FRISCO
MCKINNEY

**FREEWAY NORTH OF
TOWN
LIMITS**

NEW HOPE
LOWRY CROSSING

**NO
CLEAR
CONSENSUS**

FAIRVIEW
PRINCETON
FARMERSVILLE



TEXAS DEPARTMENT OF TRANSPORTATION

EVALUATION MATRIX

DENTON COUNTY LINE TO HUNT COUNTY LINE

Evaluation Category	No Build	Green Alignment Option A	Green Alignment Option B	Red Alignment Option A	Red Alignment Option B
Number of Residential Property Impacts	0	54	43	78	75
Number of Current Residential Displacements	0	87	83	37	35
Number of Business Impacts	0	119	121	39	26
Number of Business Induced Displacements	0	16	17	3	1
Number of Business Direct Displacements	0	289	286	36	23
Number of Business Displacements	0	305	303	39	24
Future Development Impacts (acres)	0	110	96	284	342
Environmental, Watershed, and Park Land Impacts (acres)	0	357	216	437	449
Cost - includes construction, ROW, utility relocation	0	\$2.46B	\$2.28B	\$2.23B	\$2.12B
Enhances Regional Mobility					
Satisfies Travel Demand					
Enhances Safety					
Supports Future Regional Economic Growth					



DENTON COUNTY LINE TO COIT ROAD

Evaluation Category	No Build	Green Alignment
Number of Residential Property Impacts	0	0
Number of Residential Displacements	0	0
Number of Business Impacts	0	10
Number of Business Induced Displacements	0	1
Number of Business Direct Displacements	0	0
Number of Business Displacements	0	1
Future Development Impacts (acres)	0	12
Environmental, Watershed, and Park Land Impacts (acres)	0	5
Cost - includes construction, ROW, utility relocation	0	\$298M
Enhances Regional Mobility		
Satisfies Travel Demand		
Enhances Safety		
Supports Future Regional Economic Growth		

Criteria Rating Scale				
Does not achieve criteria	Sometimes meets criteria	Partially meets criteria	Mostly meets criteria	Highly meets criteria



TEXAS DEPARTMENT OF TRANSPORTATION

EVALUATION MATRIX

COIT ROAD TO FM 1827

SPUR 399

Evaluation Category	No Build	Green Alignment	Red Alignment Option A	Red Alignment Option B
Number of Residential Property Impacts	0	18	43	41
Number of Residential Displacements	0	21	18	16
Number of Business Impacts	0	77	18	5
Number of Business Induced Displacements	0	11	1	0
Number of Business Direct Displacements	0	167	15	2
Number of Business Displacements	0	178	16	2
Future Development Impacts (acres)	0	33	156	214
Environmental, Watershed, and Park Land Impacts (acres)	0	94	224	219
Cost - includes construction, ROW, utility relocation	0	\$916M	\$748M	\$645M
Enhances Regional Mobility				
Satisfies Travel Demand				
Enhances Safety				
Supports Future Regional Economic Growth				

Evaluation Category	No Build	Green Alignment Option A	Green Alignment Option B
Number of Residential Property Impacts	0	14	4
Number of Current Residential Displacements	0	6	2
Number of Business Impacts	0	10	11
Number of Business Induced Displacements	0	0	0
Number of Business Direct Displacements	0	1	1
Number of Business Displacements	0	1	1
Future Development Impacts (acres)	0	19	6
Environmental, Watershed, and Park Land Impacts (acres)	0	198	69
Cost - includes construction, ROW, utility relocation	0	\$433M	\$266M
Enhances Regional Mobility			
Satisfies Travel Demand			
Enhances Safety			
Supports Future Regional Economic Growth			

Criteria Rating Scale				
Does not achieve criteria	Sometimes meets criteria	Partially meets criteria	Mostly meets criteria	Highly meets criteria



TEXAS DEPARTMENT OF TRANSPORTATION

EVALUATION MATRIX

FM 1827 TO CR 559

Evaluation Category	No Build	Green Alignment	Red Alignment
Number of Residential Property Impacts	0	15	11
Number of Residential Displacements	0	15	11
Number of Business Impacts	0	17	1
Number of Business Induced Displacements	0	3	1
Number of Business Direct Displacements	0	87	18
Number of Business Displacements	0	90	19
Future Development Impacts (acres)	0	42	105
Environmental, Watershed, and Park Land Impacts (acres)	0	24	35
Cost - includes construction, ROW, utility relocation	0	\$416M	\$342M
Enhances Regional Mobility			
Satisfies Travel Demand			
Enhances Safety			
Supports Future Regional Economic Growth			

CR 559 TO HUNT COUNTY LINE

Evaluation Category	No Build	Green Alignment	Red Alignment
Number of Residential Property Impacts	0	7	10
Number of Residential Displacements	0	45	4
Number of Business Impacts	0	5	4
Number of Business Induced Displacements	0	1	0
Number of Business Direct Displacements	0	34	2
Number of Business Displacements	0	35	2
Future Development Impacts (acres)	0	4	0
Environmental, Watershed, and Park Land Impacts (acres)	0	25	34
Cost - includes construction, ROW, utility relocation	0	\$399M	\$406M
Enhances Regional Mobility			
Satisfies Travel Demand			
Enhances Safety			
Supports Future Regional Economic Growth			

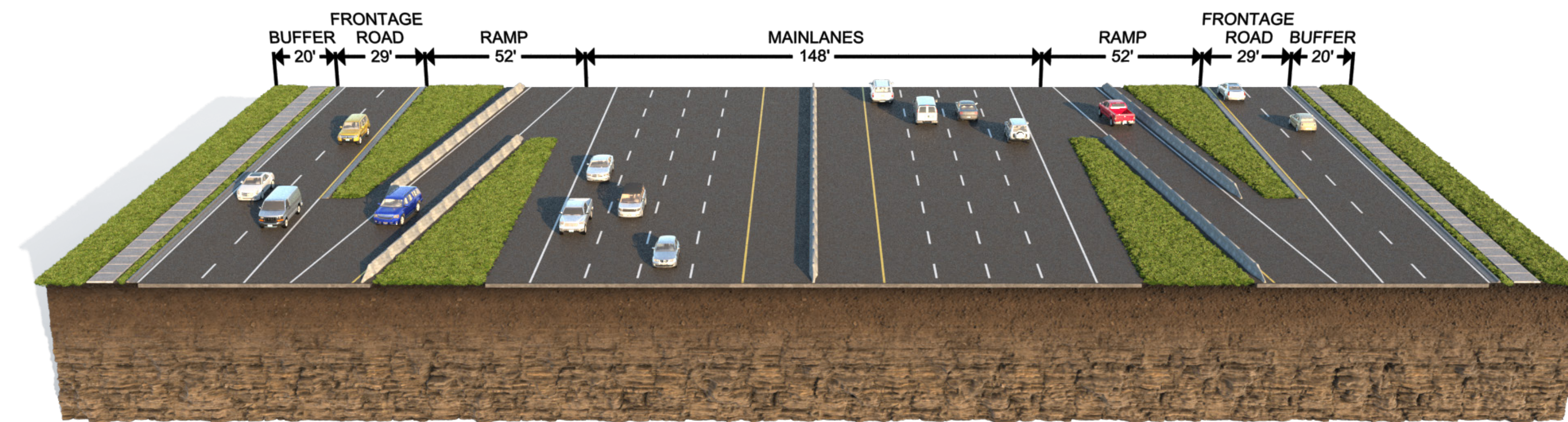


Criteria Rating Scale				
Does not achieve criteria	Sometimes meets criteria	Partially meets criteria	Mostly meets criteria	Highly meets criteria



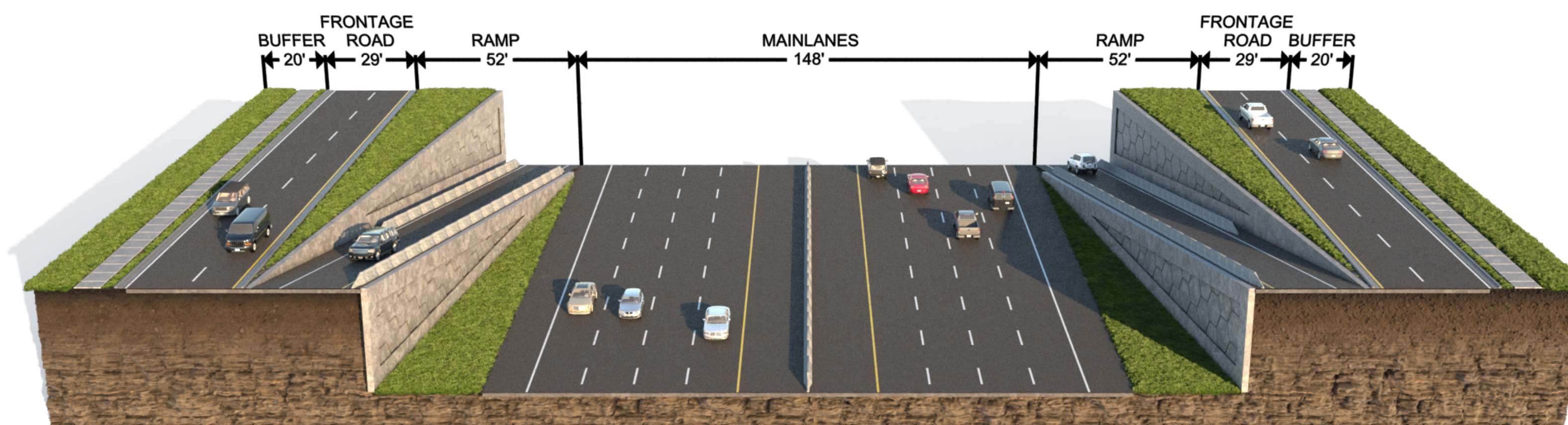
TEXAS DEPARTMENT OF TRANSPORTATION

**THESE PRELIMINARY TYPICAL
SECTION DRAWINGS
DEMONSTRATE HOW A
FREEWAY MIGHT LOOK.**



350' RIGHT-OF-WAY
MAINLANES AT-GRADE

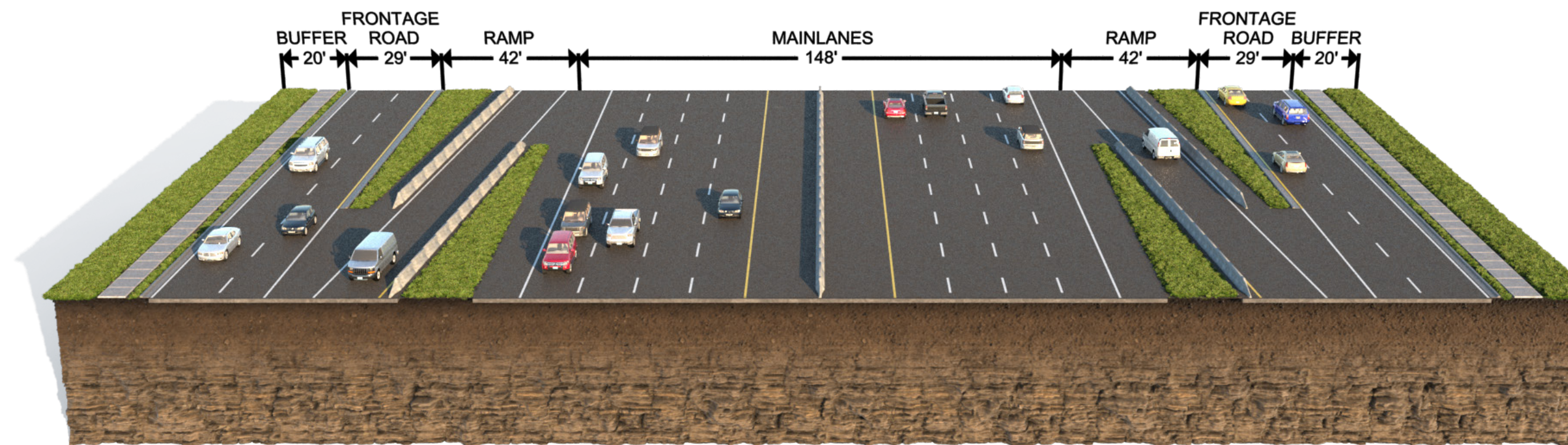
**THIS PROJECT IS IN THE EARLY
FEASIBILITY PHASE.
TYPICAL SECTIONS ARE
REFINED IN THE SCHEMATIC AND
FINAL DESIGN PHASES OF
PROJECT DEVELOPMENT.**



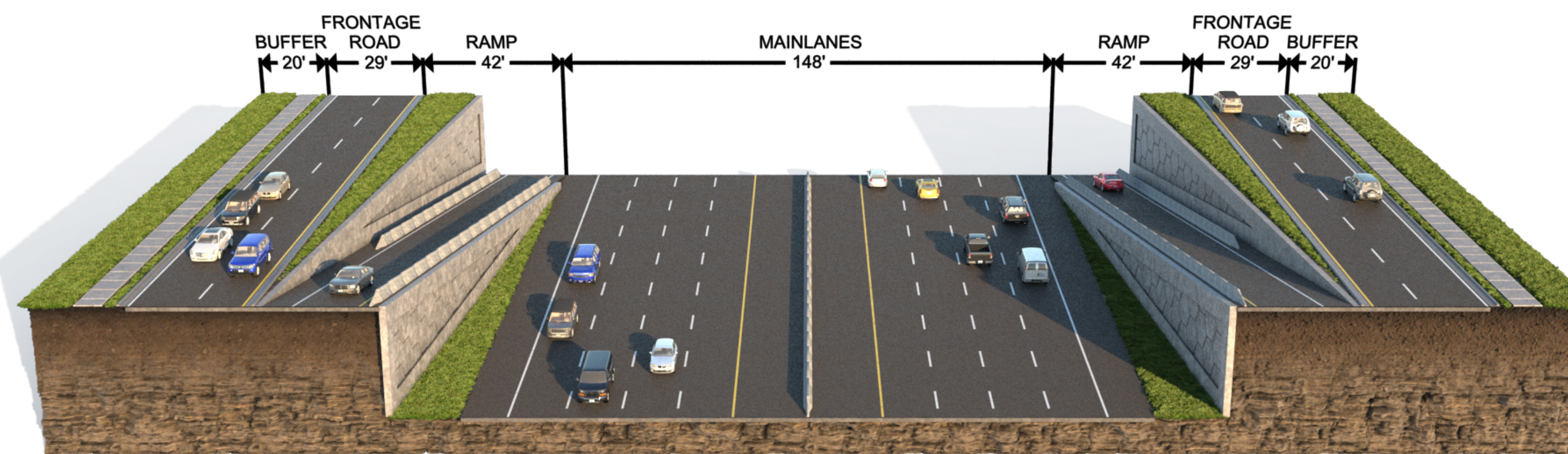
350' RIGHT-OF-WAY
MAINLANES
DEPRESSED



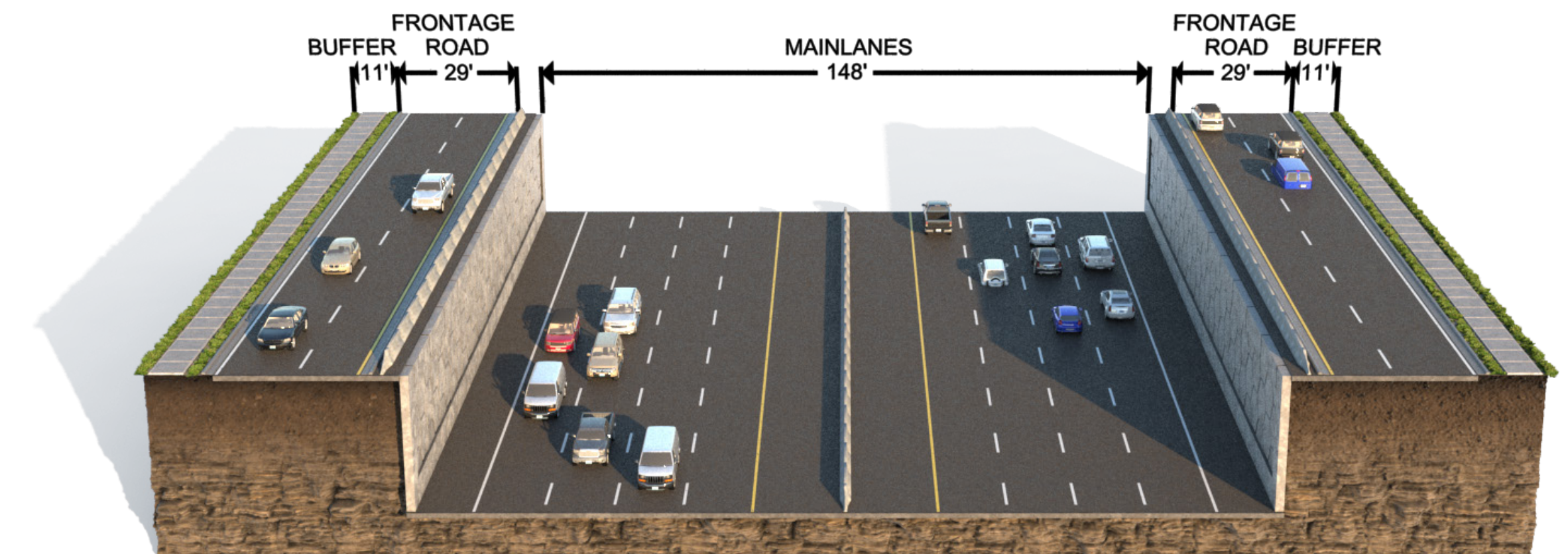
TEXAS DEPARTMENT OF TRANSPORTATION



330' RIGHT-OF-WAY
MAINLANES AT-GRADE



330' RIGHT-OF-WAY
MAINLANES DEPRESSED



240' RIGHT-OF-WAY
MAINLANES DEPRESSED
(NO RAMPS OR ACCESS TO MAINLANES)



TEXAS DEPARTMENT OF TRANSPORTATION

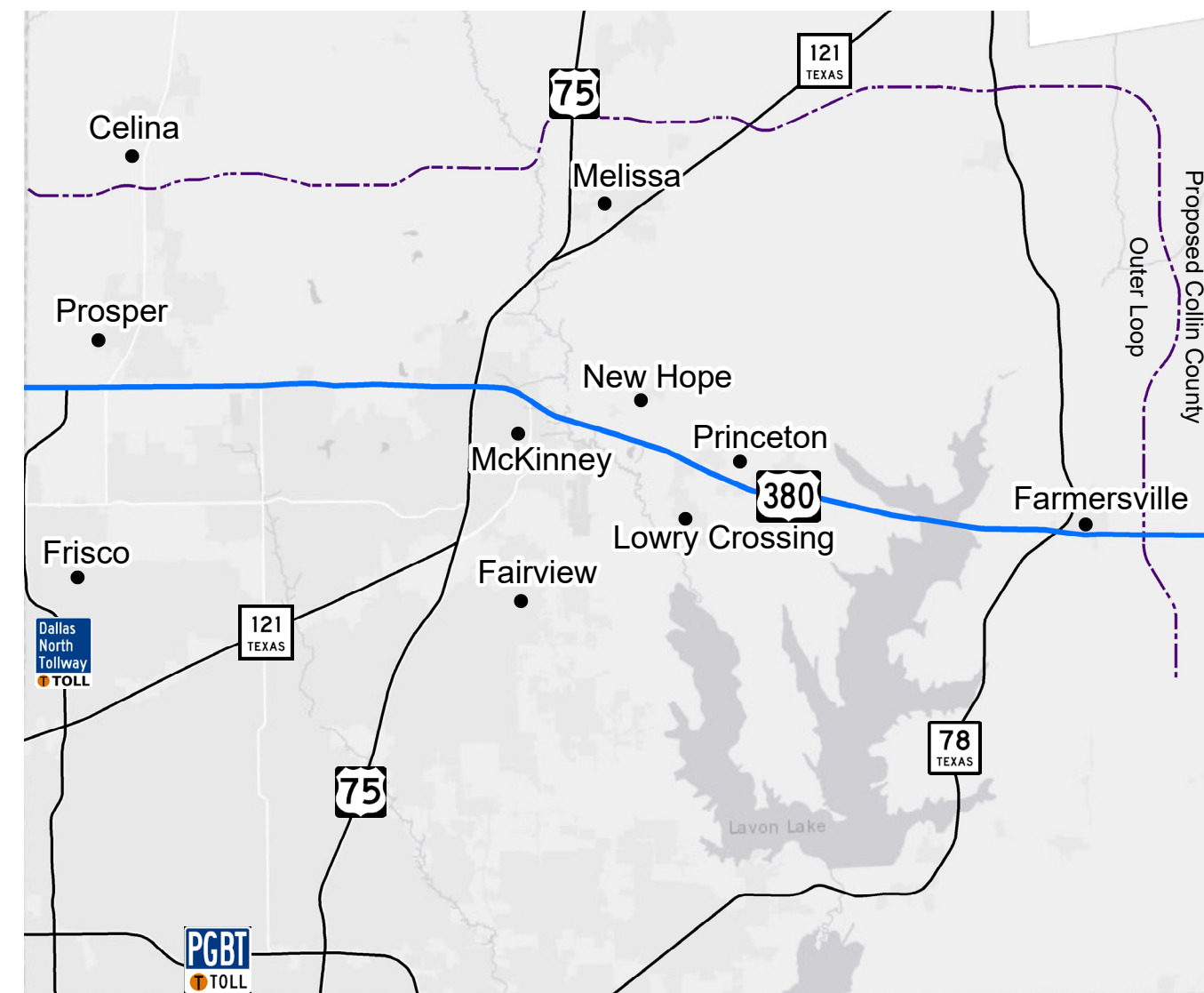
TRAFFIC TRAVEL DEMAND MODEL EVALUATION 2045 ESTIMATES

NO BUILD

AVG. DAILY VOLUME
46,200

LEVEL OF SERVICE
F VEHICLE MILES
TRAVELED DAILY
1.49M

REGIONAL HOURS OF
DELAY DAILY
425,000

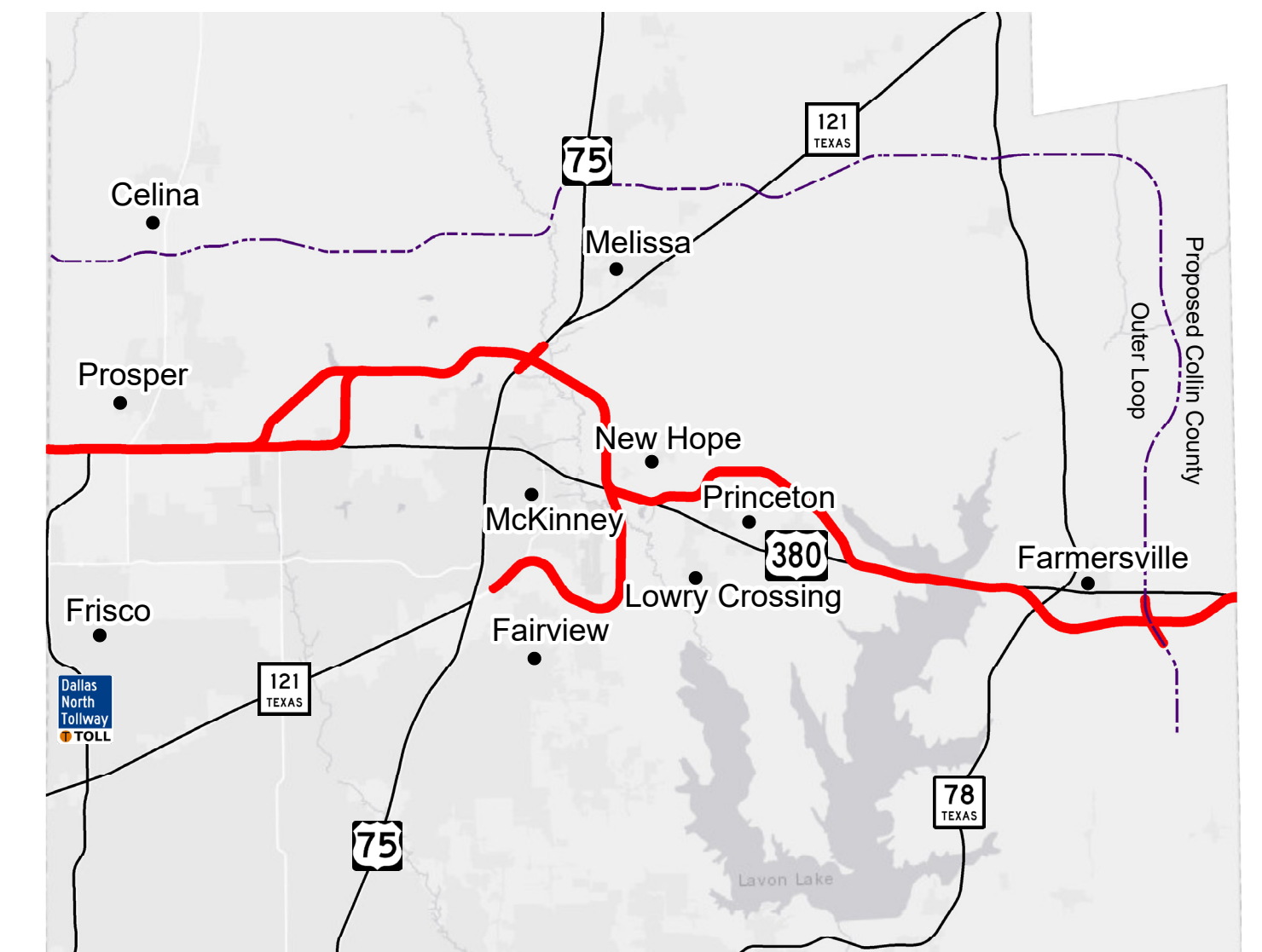


RED A & B

AVG. DAILY VOLUME
78,500

LEVEL OF SERVICE
B VEHICLE MILES
TRAVELED DAILY
3.01M

REGIONAL HOURS OF
DELAY DAILY
387,900

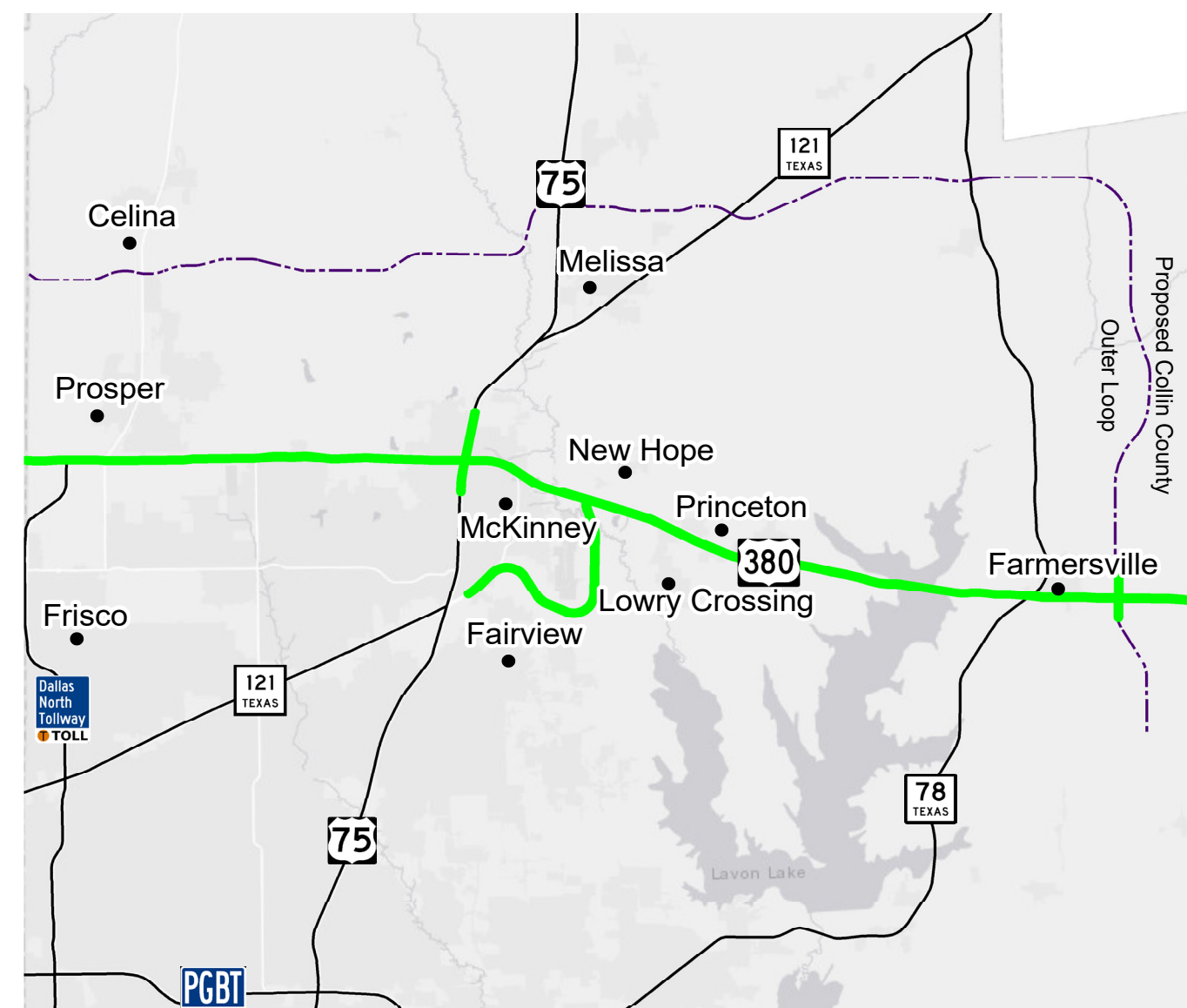


GREEN A

AVG. DAILY VOLUME
86,300

LEVEL OF SERVICE
B VEHICLE MILES
TRAVELED DAILY
2.80M

REGIONAL HOURS OF
DELAY DAILY
394,900

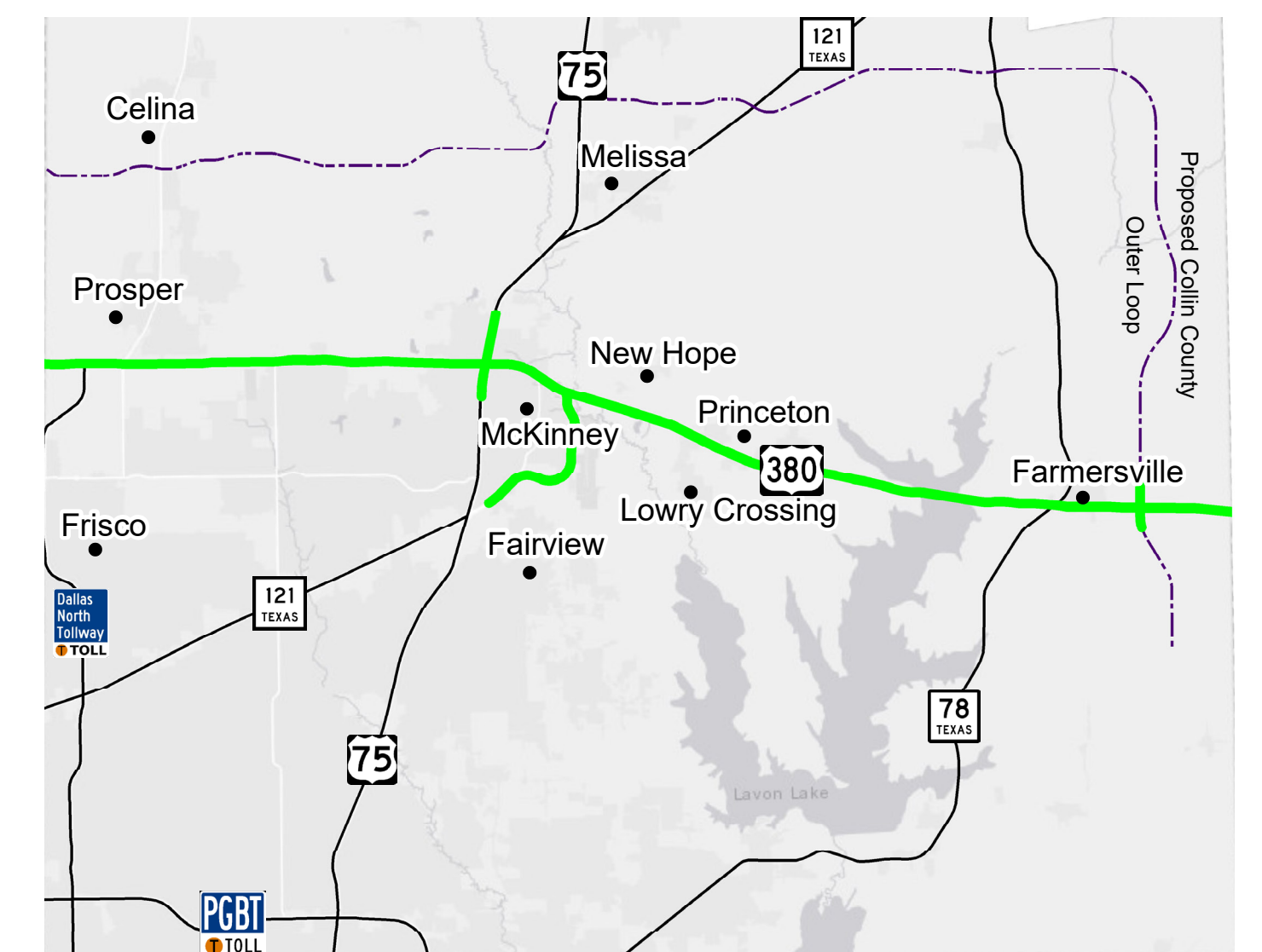


GREEN B

AVG. DAILY VOLUME
90,200

LEVEL OF SERVICE
B VEHICLE MILES
TRAVELED DAILY
2.93M

REGIONAL HOURS OF
DELAY DAILY
395,000





TEXAS DEPARTMENT OF TRANSPORTATION

FEATURES AND CONSTRAINTS CONSIDERED

- **Residential and Commercial Developments**
- **Public Facilities–Fire Stations, Water Supply, Sewer Treatment, Hospitals etc.**
- **Parks, Trails, and Recreation Facilities**
- **Schools–ISD, private, and college**
- **Economic Development Parcels**
- **Special Use Areas–equestrian facilities, institutions**
- **Natural Features–riparian areas, streams/lakes, floodplains, etc.**
- **Cemeteries and Religious Properties**
- **Potential Historic Resources–local, state, and nationally listed**



PLANNING FOR THE FUTURE

GREEN ALIGNMENT





PLANNING FOR THE FUTURE

RED ALIGNMENT





TEXAS DEPARTMENT OF TRANSPORTATION



RIGHT OF WAY



TEXAS DEPARTMENT OF TRANSPORTATION



COMMENT STATION

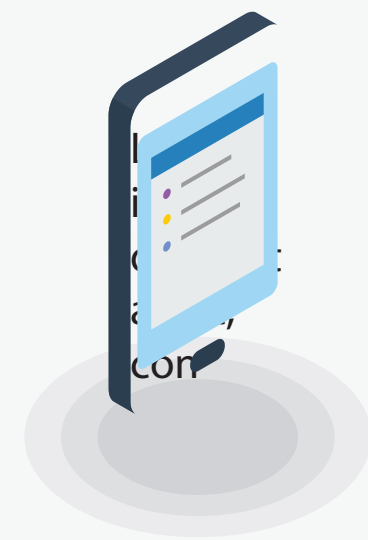


TEXAS DEPARTMENT OF TRANSPORTATION

HOW TO PROVIDE INPUT

Please fill out a survey or comment card.

YOU CAN PROVIDE INPUT BY:



USING YOUR PHONE

Visit www.Drive380.com.



USING A COMPUTER

Computers are available here or you can fill the survey out at home.



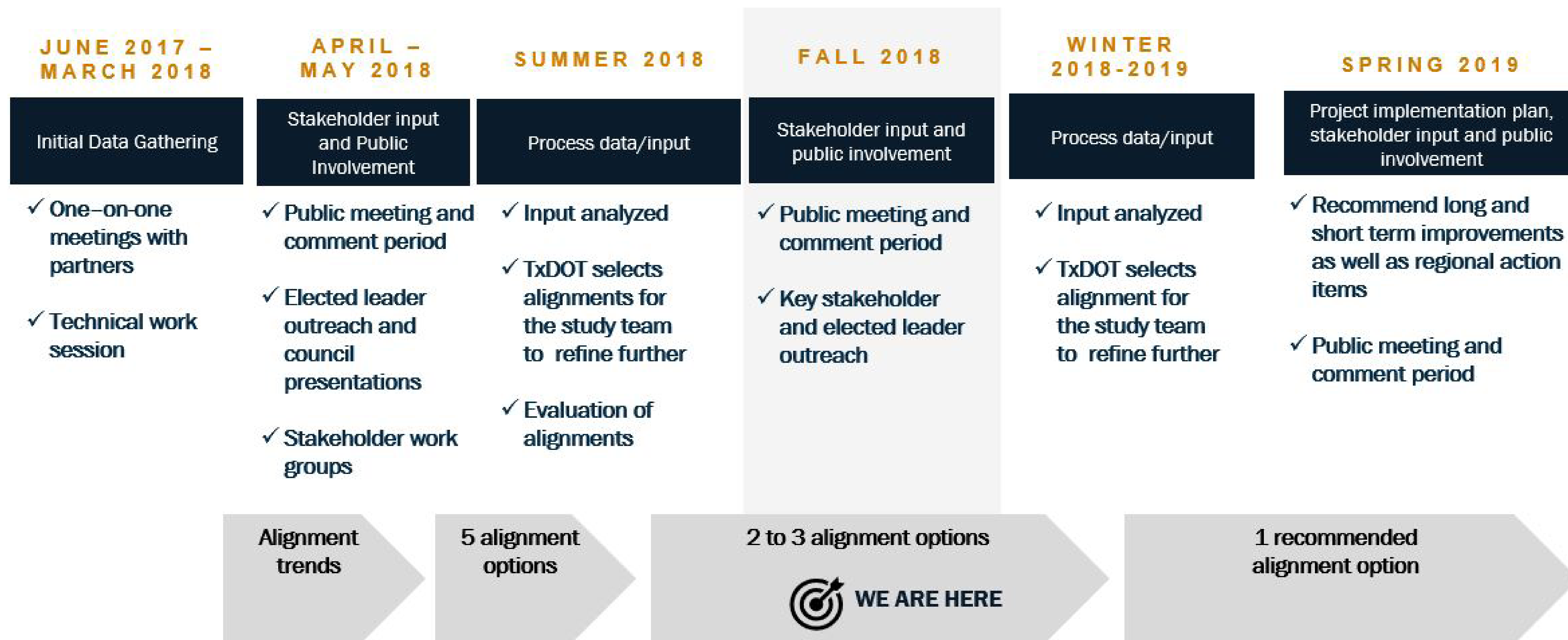
FILLING OUT

a paper survey or comment form.

PLEASE COMPLETE BY OCTOBER 26, 2018



TEXAS DEPARTMENT OF TRANSPORTATION



SUBJECT TO CHANGE



TEXAS DEPARTMENT OF TRANSPORTATION



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TEXAS DEPARTMENT OF TRANSPORTATION



THANK YOU!

PLEASE VISIT

WWW.DRIVE380.COM

FOR MORE INFORMATION