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BRYAN / COLLEGE STATION METROPOLITAN PLANNING ORGANIZATION

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# **Transportation Projects Briefing Economic Outlook Conference**

January 22, 2025

*Daniel Rudge*  
*MPO Executive Director*

# Thank You To:

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- Texas Department of Transportation
- City of Bryan
- Texas A&M Transportation Institute



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# **MPO Funded Projects Under Construction**

# #1 – Bus. Route 6 (Texas Avenue)

## Project Description

Limits From: SH 21

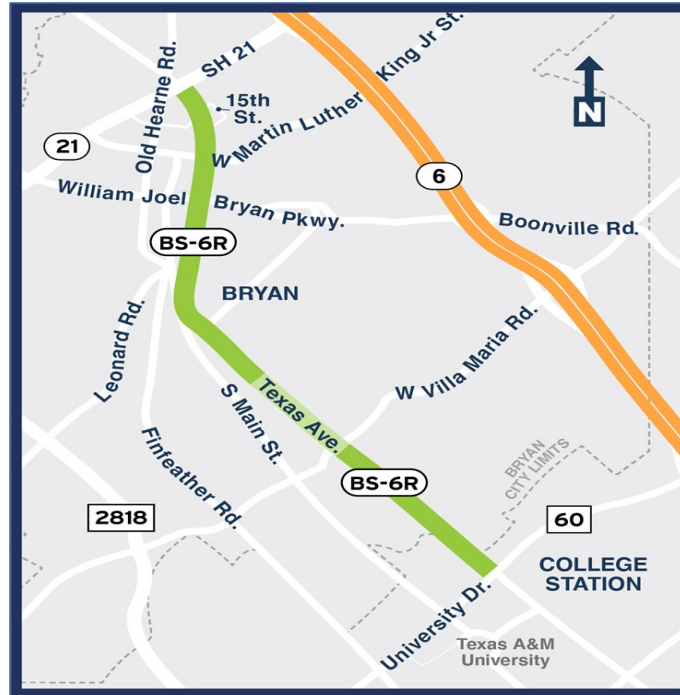
Limits To: FM 60

### Project Description:

Convert center turn lane to raised medians, add sidewalk and shared use path and add traffic signals

## YOE Project Cost

\$ 25,795,000



## Regional Score

90

## Decision Score

70

## Technical Score

160

## Final Ranking

3

A collaboration between the City of Bryan and the Texas Department of Transportation

# Project Overview

## Texas Avenue Improvements Project

### Limits:

From: SH 21 (just north to Old Hearne Road)

To: FM 60 (University Drive)

### Project Length:

Approximately 5 miles

### Location:

Brazos County (Bryan/College Station)

### Construction Sequence:

Phase 1 – Old Hearne to 15<sup>th</sup> St.

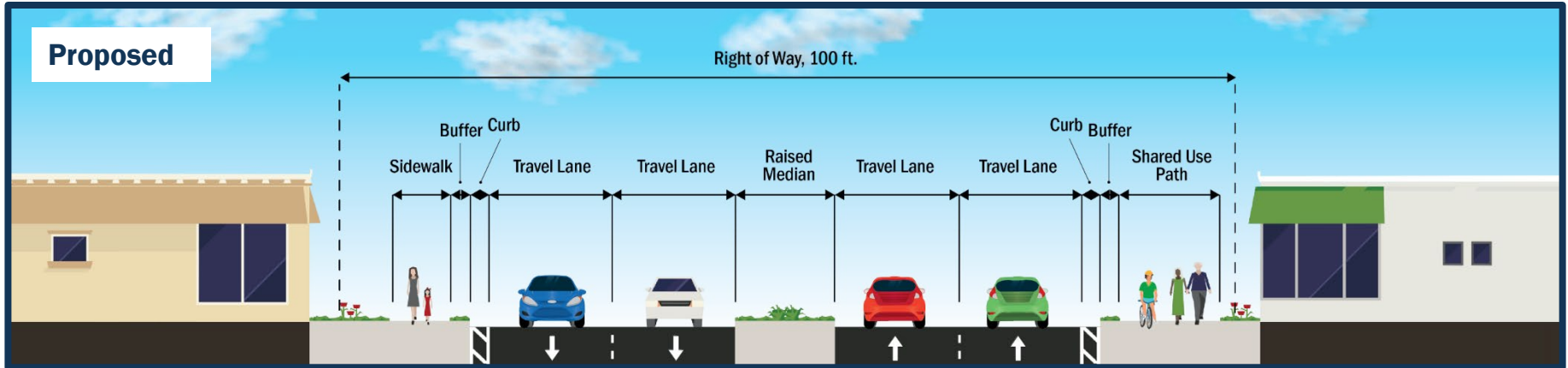
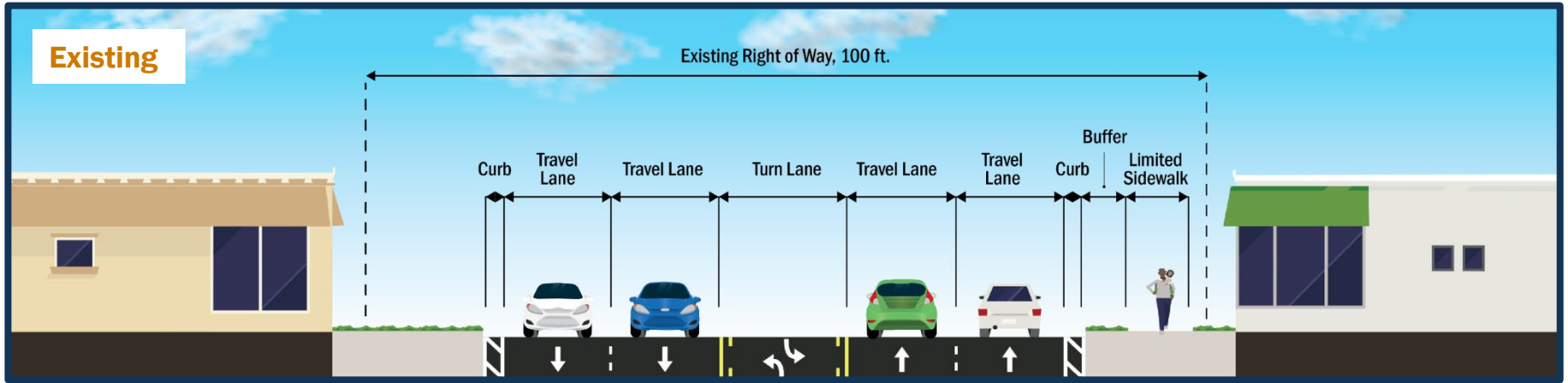
Phase 2a – 15<sup>th</sup> Street to University Dr.

Interim – Upgrade signals and Loons

Phase 2b – Shared-Use Paths & Sidewalks

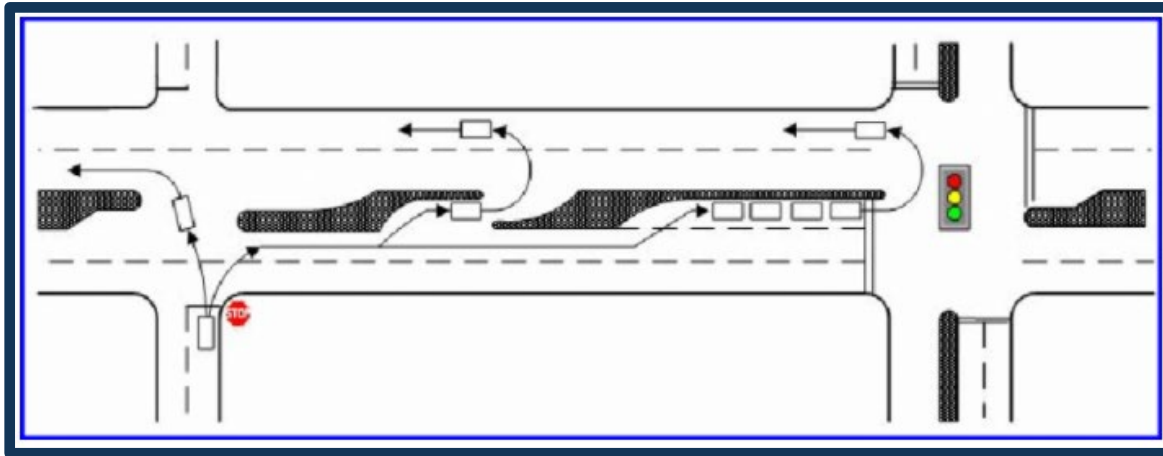


# Proposed Improvements – Roadway Configuration

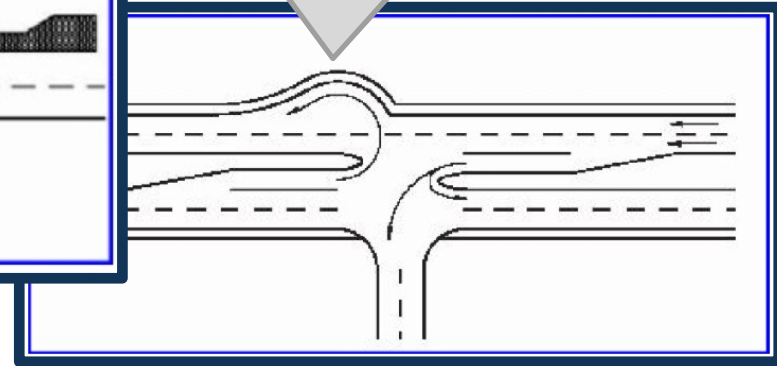


# U-Turns: Safety and Efficiency

- Generally improved safety and mobility
- Need to look at specific conditions to determine the best fit



Wider pavement area  
for U-Turn movements  
- called a "Loon."



Source: *The Journal of Engineering*, April 2015





# Other Improvements

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- ❑ Upgrade traffic signals at 3 locations
- ❑ Install signals at 2 locations
- ❑ Install an Intelligent Transportation System duct between SH 21 and FM 60
- ❑ Pedestrian bridge at Pin Oak Creek
- ❑ Installation of safety lighting
- ❑ Improve drainage



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# **MPO Funded Projects To Be Constructed**

# #2 – State Highway 6

## Project Description

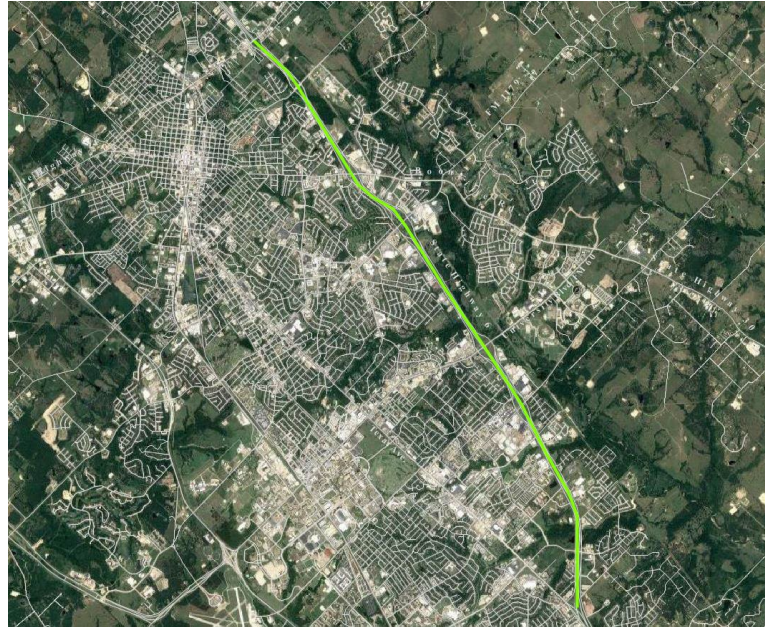
**Limits From:** State Highway 21

**Limits To:** State Highway 40

**Project Description:** Widen 4 lanes to 6 lanes

## YOE Project Cost

**\$ 522,892,000**



## Regional Score

95

## Decision Score

85

## Technical Score

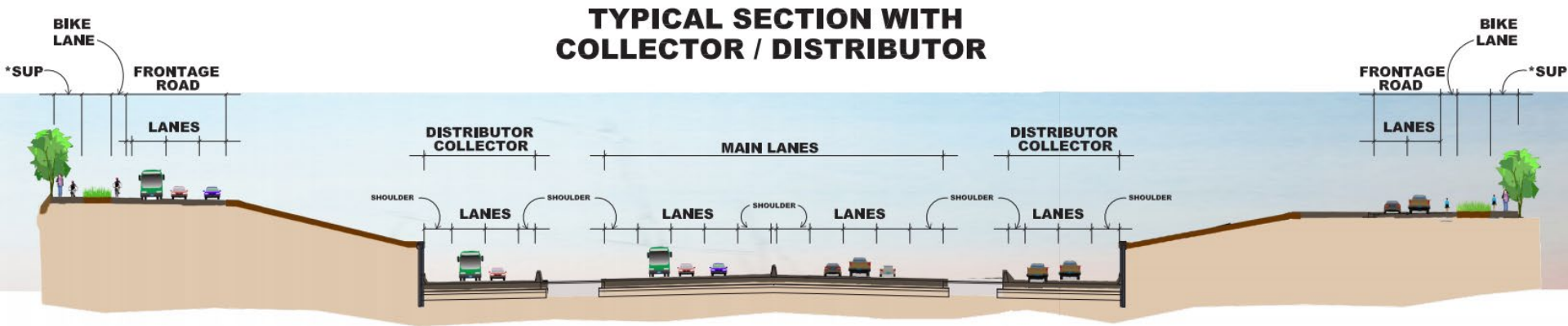
180

## Final Ranking

1

A Texas Department of Transportation Project

# SH 6 After Construction

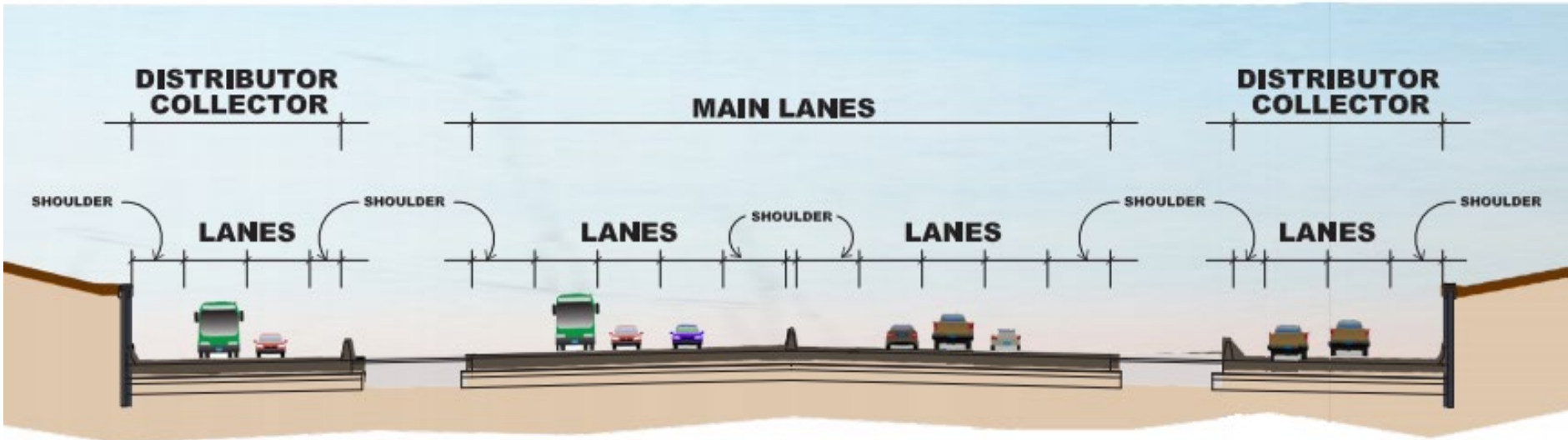


\* = 10' SHARED USE PATH FOR PEDESTRIANS AND BICYCLES



# SH 6 After Construction

## TYPICAL SECTION WITH COLLECTOR / DISTRIBUTOR

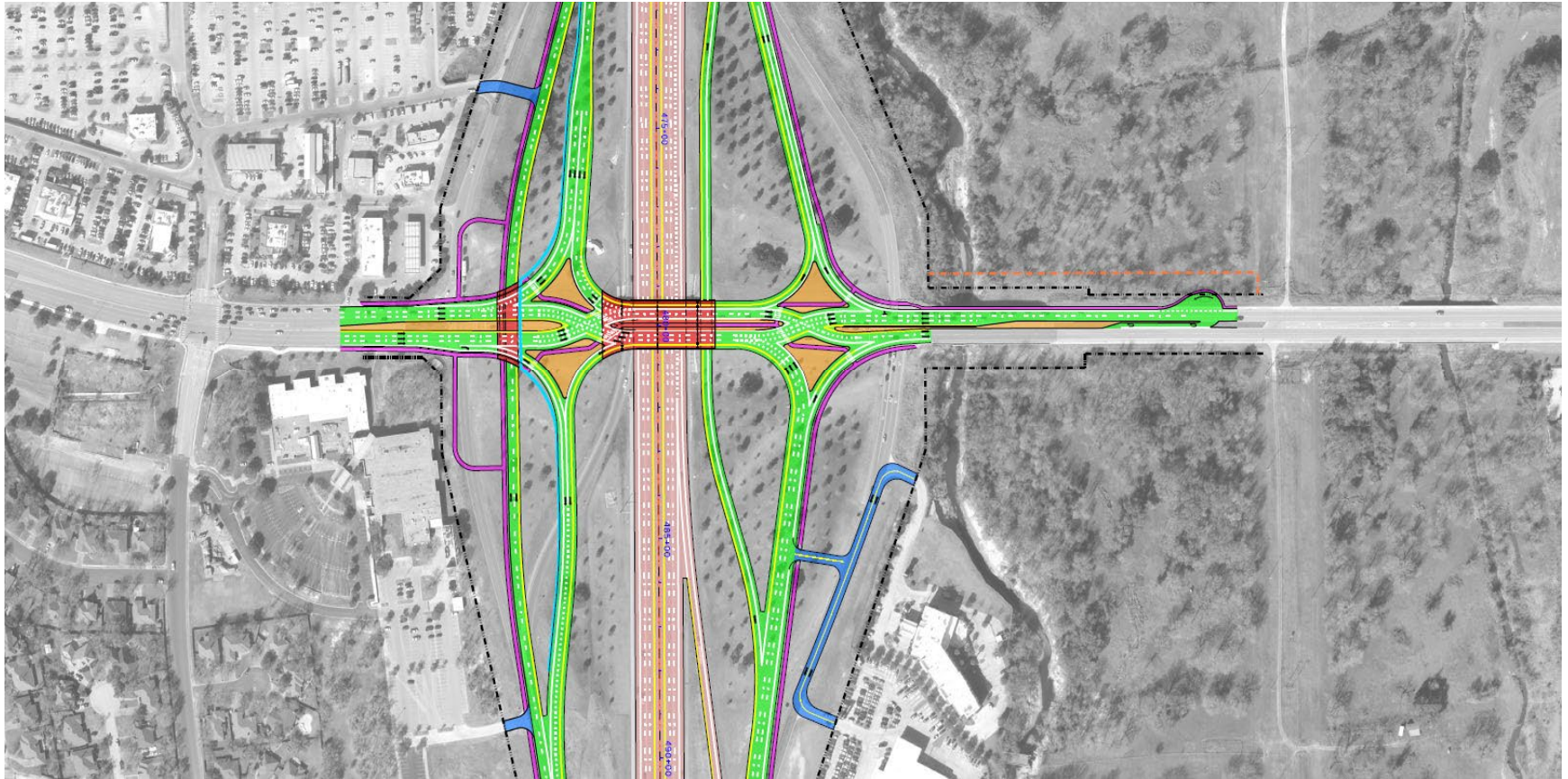


# SH 6 After Construction





# University Drive Intersection



## LEGEND

EXISTING R.O.W.

PROPOSED R.O.W.

RAISED MEDIAN

SHARED USE PATH/SIDEWALK



PROPOSED MAINLANES

PROPOSED FRONTAGE AND SIDE ROADS

BRIDGE IMPROVEMENTS

PROPOSED DRIVEWAYS



# University Dr. - Looking East

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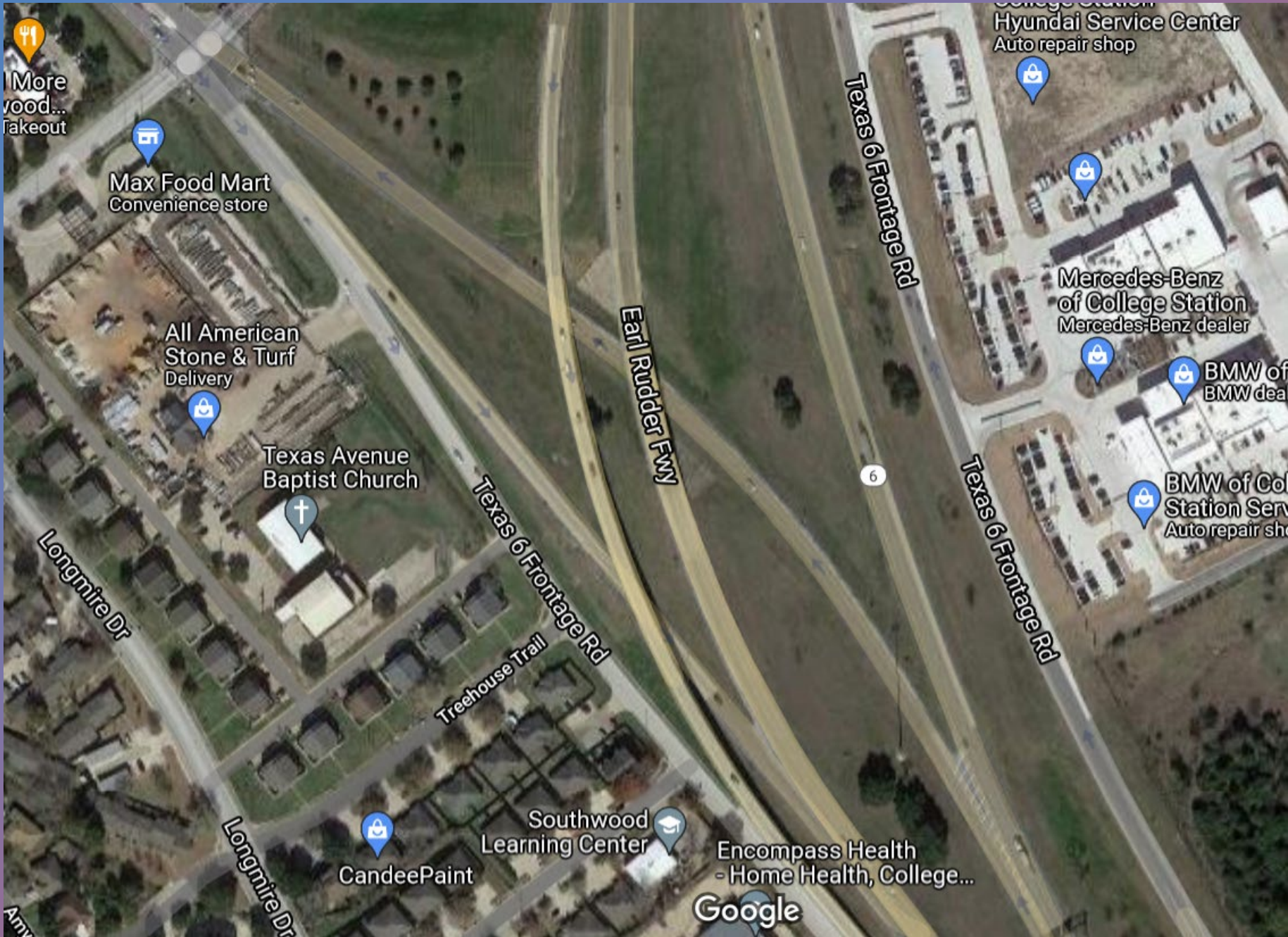




# From Parking Lot – Looking East

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More food...  
Takeout

Max Food Mart  
Convenience store

All American  
Stone & Turf  
Delivery

Texas Avenue  
Baptist Church

Longmire Dr

Texas 6 Frontage Rd  
Treehouse Trail

Longmire Dr

Candeepaint

Southwood  
Learning Center

Encompass Health  
- Home Health, College...

Google

Earl Rudder Fwy

Texas 6 Frontage Rd

College Station  
Hyundai Service Center  
Auto repair shop

Mercedes-Benz  
of College Station  
Mercedes-Benz dealer

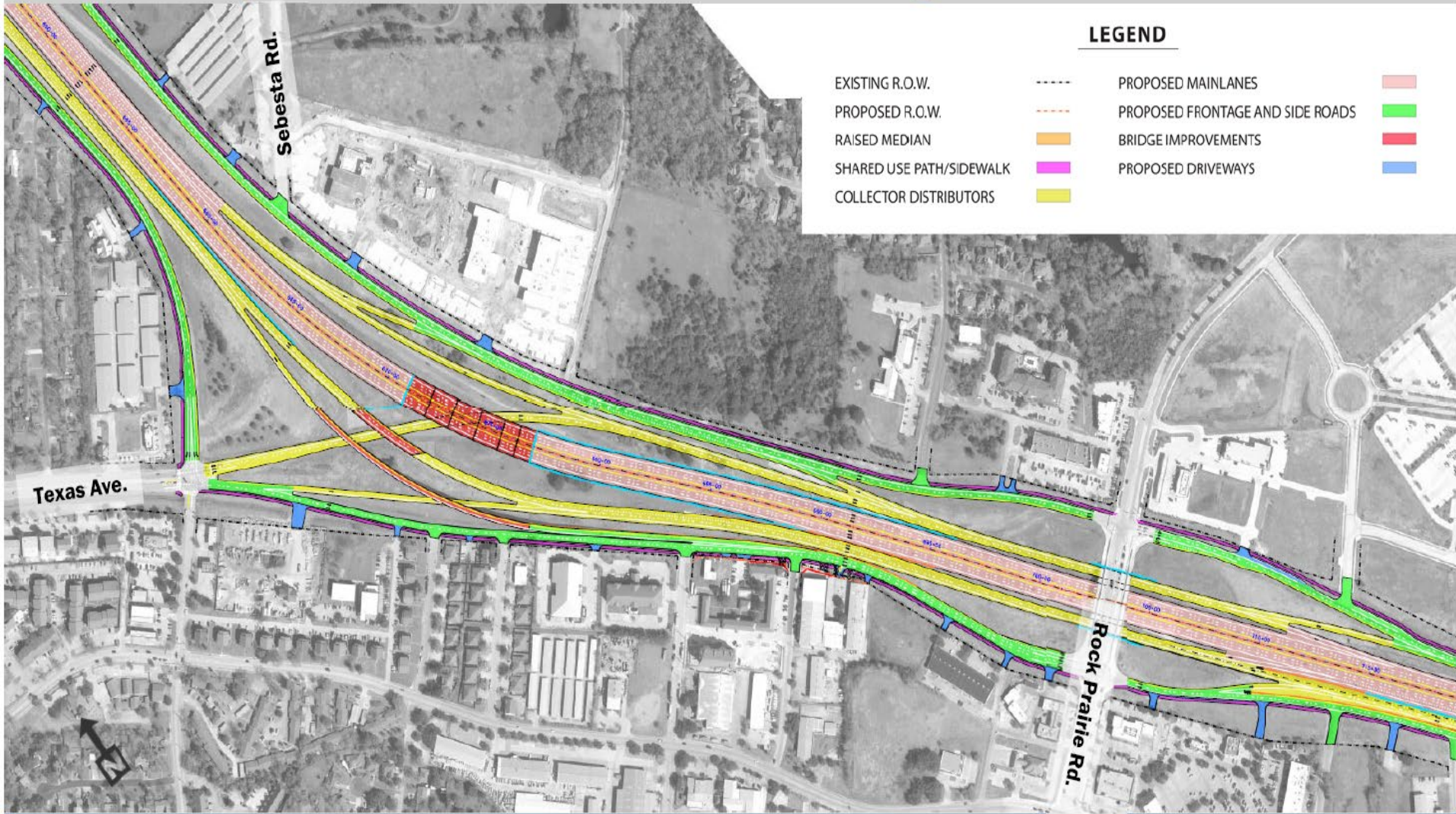
BMW of  
College Station  
BMW dealer

BMW of Col  
lege Station Serv  
Auto repair sh

Texas 6 Frontage Rd



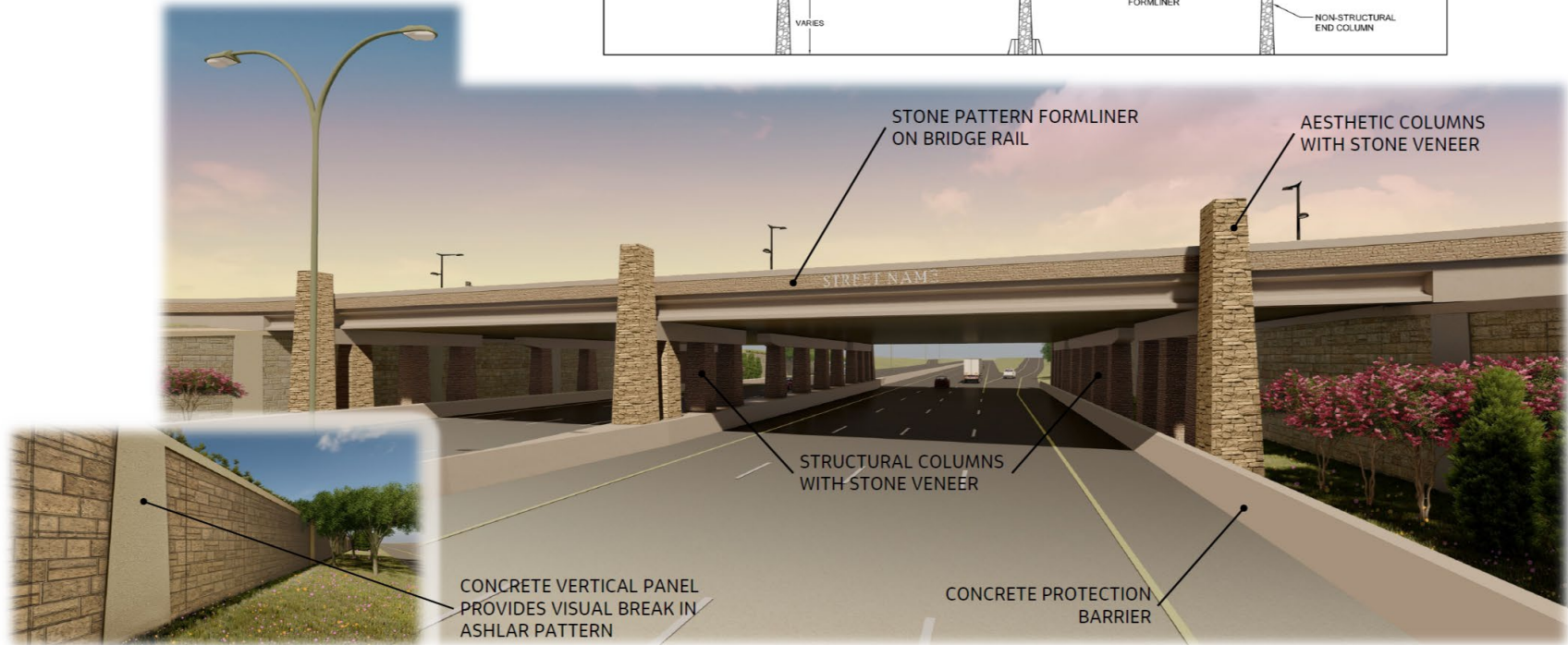
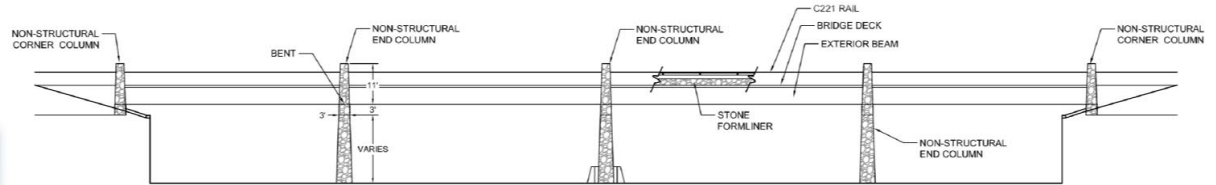
# Phase 1 Improvements – Texas Avenue Interchange





## SH 6 Expansion Project – Draft Aesthetic Concept

### Bridge Aesthetics



MSE retaining wall with ashlar pattern to match that at Barron Rd.



# SH 6 Expansion Project – Draft Aesthetic Concept

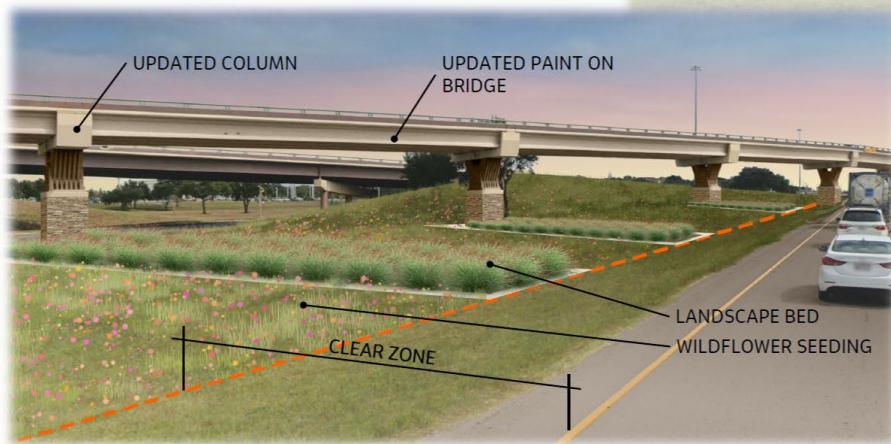
## Texas Ave. Aesthetics



Existing columns at Texas Ave. Bridge



Existing view at Texas Ave. overpass



7 Proposed view of updates at Texas Ave. overpass



Proposed updates to column

# #3 – FM 2347 (Wellborn Rd)

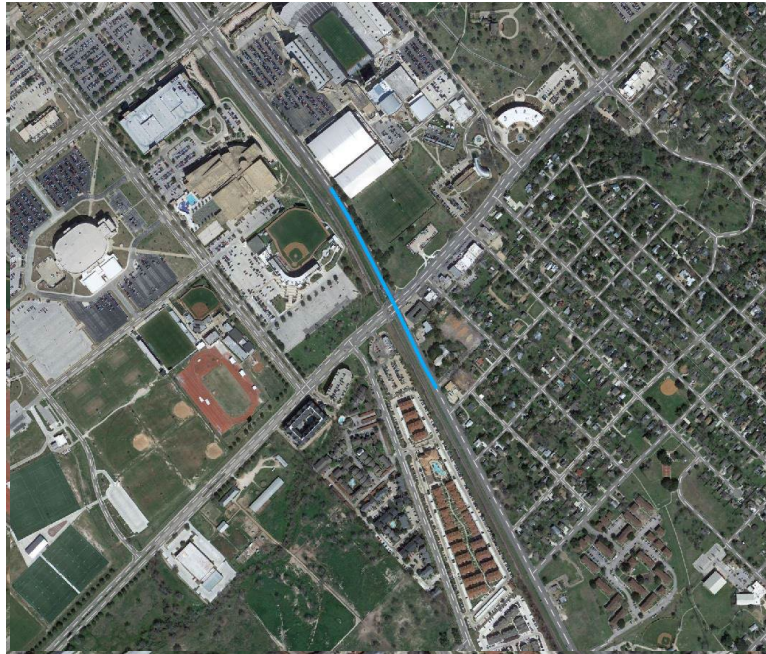
## Project Description

**At:** FM 2154 (George Bush Dr.)/UPRR

**Project Description:**  
Construct multimodal single-point urban interchange (SPUI)

## YOE Project Cost

\$ 103,000,000



## Regional Score

100

## Decision Score

71

## Technical Score

171

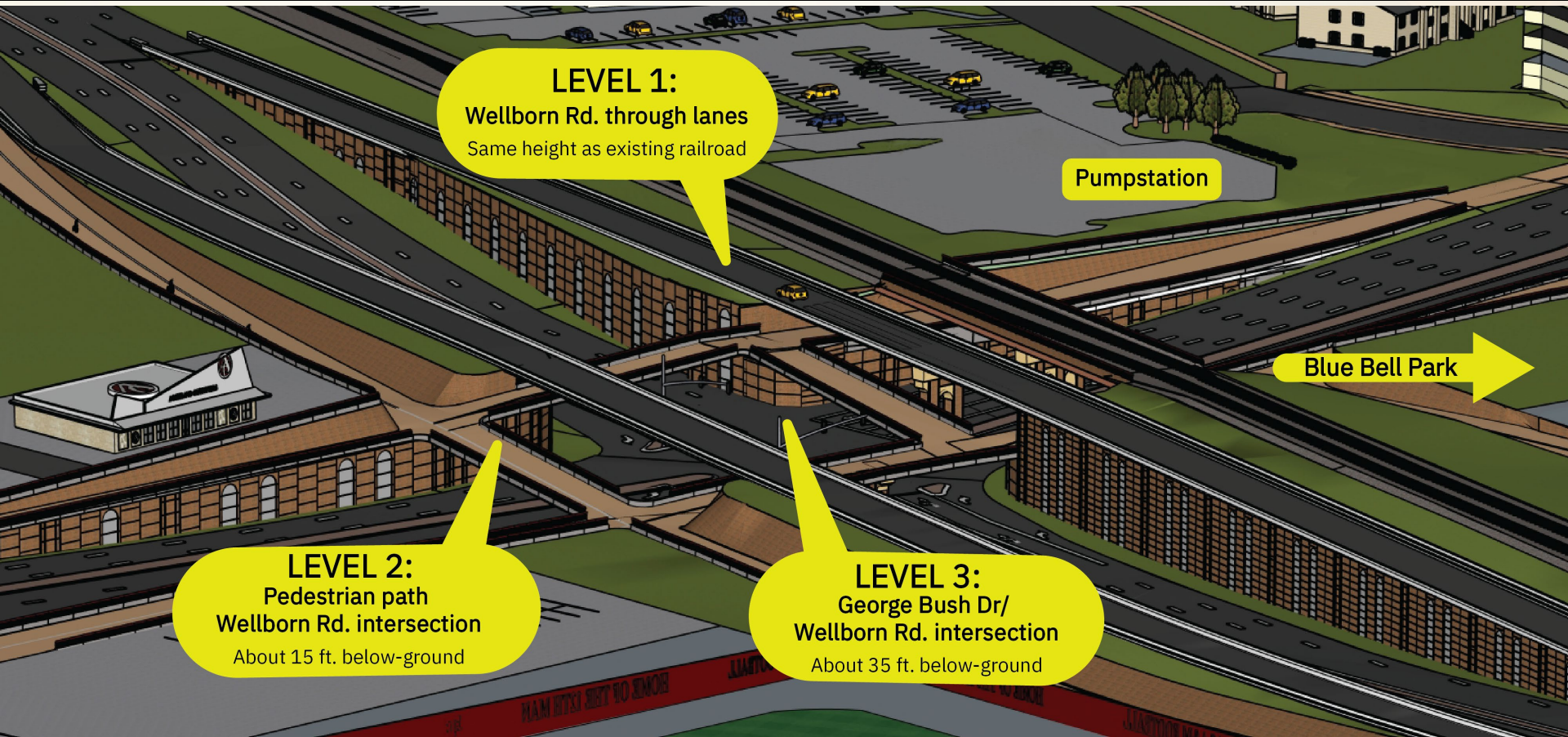
## Final Ranking

2

A collaboration between Texas A&M University and the Texas Department of Transportation



# Looking Southwest From Kyle Field



Below-Ground Concept for Bush-Wellborn Intersection

# George Bush Dr. Underpass at Wellborn Rd.





# Wellborn Road at George Bush Underpass.





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# **MPO Tracked Projects**

# I-14 In Texas

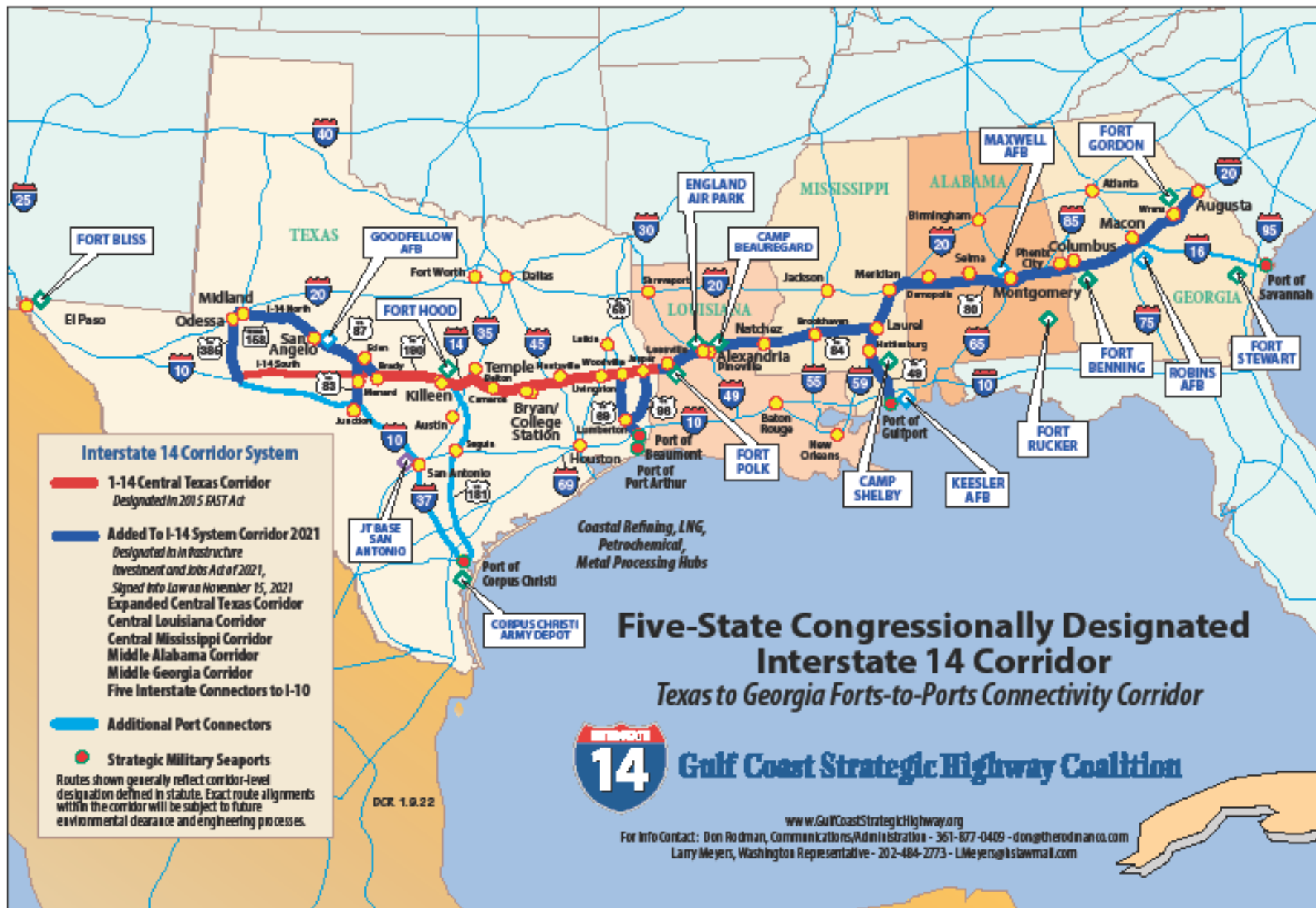
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- ❑ I-14 included in the Fixing America's Surface Transportation (FAST) Act in 2015
  - "Will generally follow US 190 in Texas"
  - The 1 is for an interstate between I-10 and I-20
  - The 4 denotes the corridor runs east-west
- ❑ Officially named after the 14<sup>th</sup> Amendment
  - Granted citizenship and equal civil and legal rights to all Americans
- ❑ I-12 was already taken!
- ❑ Connects Fort Bliss, Fort Cavazos and Fort Johnson
- ❑ First segment opened April 22, 2017

# I-14 In Texas – Part Two

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- ❑ Expanded Texas designation in the Infrastructure Investment and Jobs Act (IIJA)
  - Extended west to include San Angelo and Midland-Odessa
  - Includes four spurs to connect the ports at Corpus Christi, Houston, Beaumont and Port Arthur
  - A loop around Bryan/College Station designated as I-214
- ❑ Extended route through Louisiana, Mississippi, Alabama and Georgia
- ❑ Considered an important hurricane route





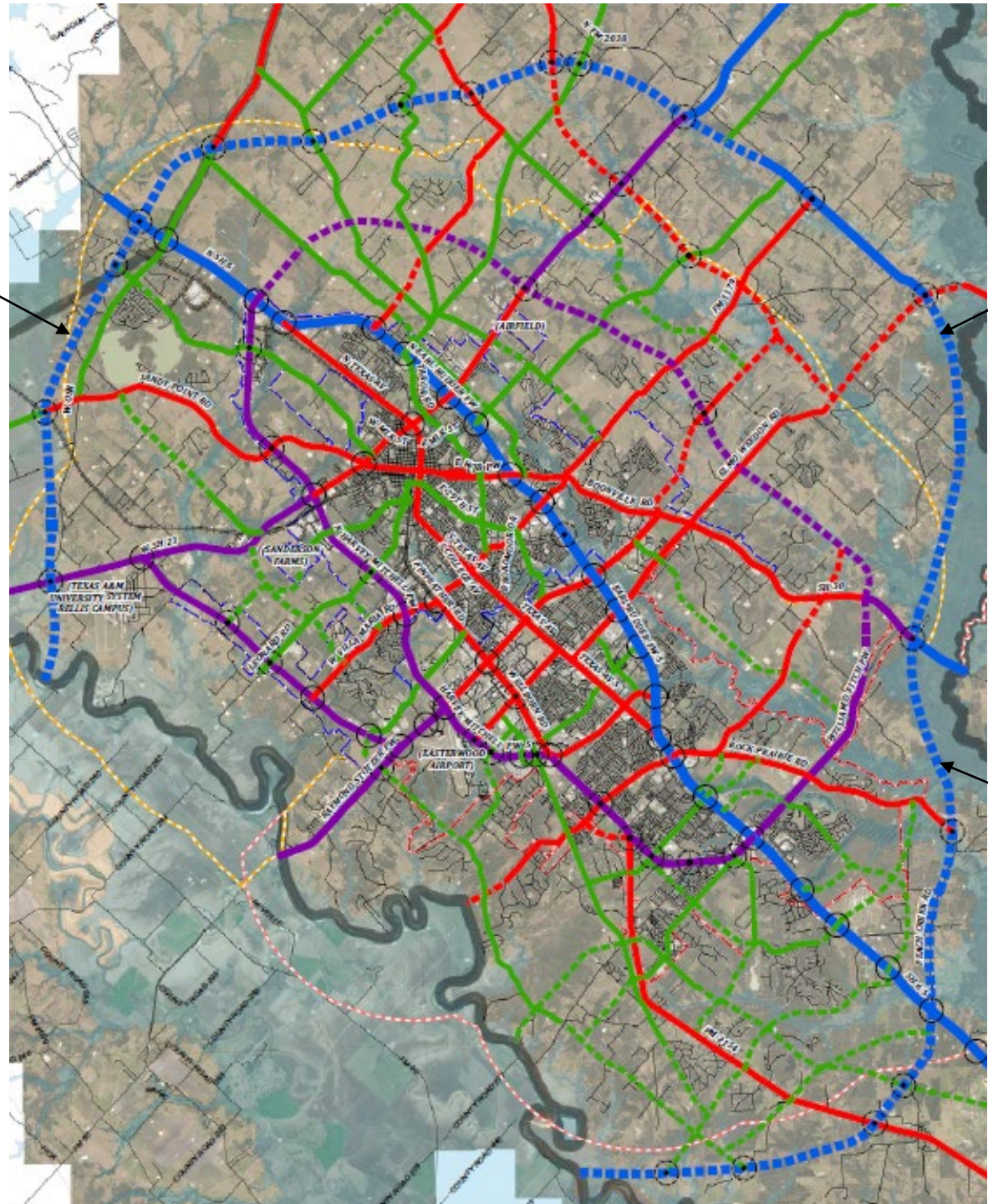
**I-14 Corridor Study Area**

**115-Mile I-14 Feasibility and Route Study Area**



I-214

I-14



I-214

# I-14 Central Texas Corridor Study

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- ❑ Undertaken by TxDOT Bryan District
- ❑ Examining extension of I-14 to Huntsville
- ❑ Determining preferred route for I-214
- ❑ Project Goals
  - Feasibility Study
  - Route Study
  - Preferred Alignment
- ❑ Seven years to complete
- ❑ Begun in Winter of 2021



# Next Steps – Long Term

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- ❑ Identify and prioritize segments for further development (1-2 years)
- ❑ Schematic Design and Environmental Clearance (Approx. 1-4 years per segment)
- ❑ Secure Funding (??? Years)
- ❑ Acquire Right of Way (?? years)
- ❑ Construction plan development (1 year)
- ❑ Begin construction
- ❑ Only 20 – 25 years to go!!!

# Contact Information

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