



PAVED

Projects Adding Value by Expanding Diversity





CIVIL RIGHTS DIVISION

Texas Department of Transportation

PAVED

Transportation Summit

Lamar University

CICE Building, Room 113

5091 Rolfe Christopher Drive, Beaumont, TX 7775

March 8, 2018 - 3:30 - 6 p.m.

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- 3:30 – 4 p.m. Registration | Check-in
 - 4 – 4:20 p.m. Welcome and Introductions | Event Overview
 - 4:20 – 5 p.m. Business Opportunity Presentations
 - TxDOT Projects:*
 - IH 10 (Chambers County)*
 - IH 10 (Jefferson County)*
 - US 69*
 - Lamar University – Construction Procurement*
 - TxDOT Basic Business Requirements and Qualifications*
 - 5 – 6 p.m. Ask the Primes – Q&A
Prime and Subcontractor Networking



Industry Partners

Thank you to the following industry partners:

- Alliance Geotechnical Group
- Austin Bridge & Road
- Equify
- Ferrovial Agroman US Corp
- Fluor Corporation
- Granite Construction
- Holmes Murphy
- HNTB
- Iconic Consulting Group
- Kiewit Infrastructure Group
- McCarthy Building Companies
- Lazer Construction Co., Inc.
- Reynolds, Smith & Hills, Inc.
- United Rentals
- Webber
- Williams Brothers Construction Co., Inc.
- WSP USA, Inc.
- Zachry Construction Corporation



Host Partners and Regional Supporters

Thank you to the following host partners:

Associated General Contractors of Texas

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Regional Hispanic Contractors Association

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Tri-County Regional Black Chamber of Commerce

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LAMAR UNIVERSITY
MEMBER THE TEXAS STATE UNIVERSITY SYSTEM™



TxDOT Points of Contact

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TxDOT Websites

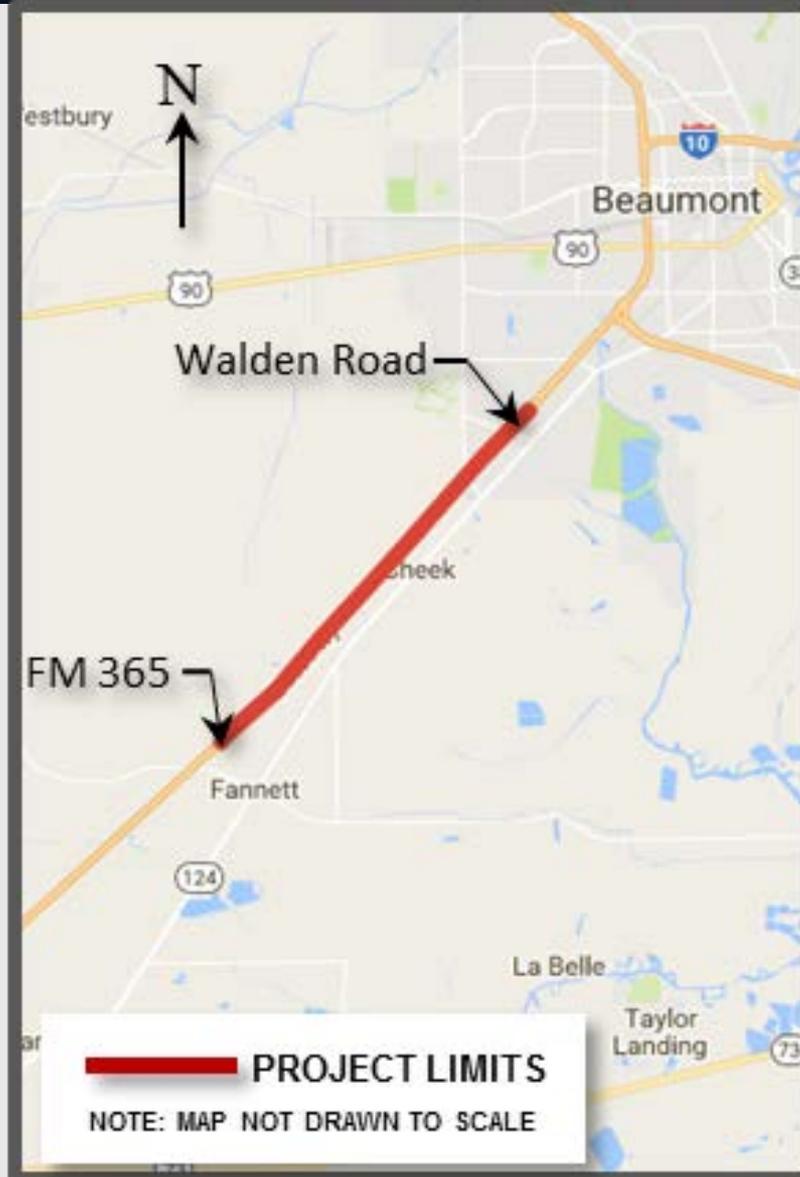
- Civil Rights Division - <http://www.txdot.gov/inside-txdot/division/civil-rights.html>
- TxDOT DBE Program - <http://www.txdot.gov/business/partnerships/dbe.html>
- PAVED Program - <http://www.txdot.gov/inside-txdot/division/civil-rights/dbe/paved.html>
- Beaumont District - <http://www.txdot.gov/inside-txdot/district/beaumont.html>
- Diversity Management System (DMS): <https://txdot.txdotcms.com/Default.asp?>
- eVerify: <http://www.txdot.gov/business/letting-bids/letting/e-verify.html>
- Prequalification: <http://www.txdot.gov/business/contractors/contractor-prequalification.html>



IH 10 WIDENING PROJECT



IH 10 Widening Project Overview



IH 10 Widening Project Overview

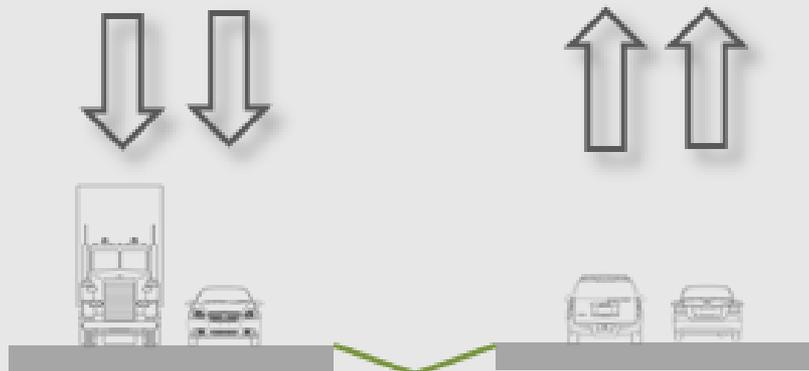
- Widening IH 10
- Project Limits: From FM 365 East to Walden Road (CR 131)
- Project Scope
 - Widen existing mainlanes to 6 lanes
 - Bridge Widening, Bridge Stack Reversal, Bridge Replacement, Frontage Road Conversion and Operational Improvements
- Project Goals
 - Reduce congestion along IH 10 by adding capacity
 - Improve Freight Mobility

IH 10 Widening Project Overview

EXISTING TYPICAL SECTION

WB MAINLANES

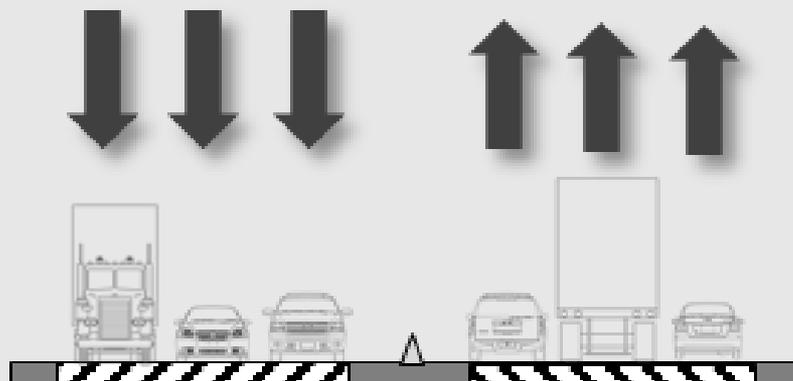
EB MAINLANES



PROPOSED TYPICAL SECTION

WB MAINLANES

EB MAINLANES



IH 10 Project Overview

- Design-Bid-Build
- July 2018 letting – Begin Construction Fall 2018
- Anticipated construction timeline of four years, completion 2022

- Current Construction Estimate = \$143 million

IH 10 Widening Project Overview

- Estimated Quantities
 - 345,000 cy of excavation
 - 212,000 cy of embankment
 - 43,000 tons of HMAC
 - 735,000 sy of concrete paving
 - 81,000 sf of bridge
 - 63,000 sf of retaining walls
 - 6,000 lf of drainage pipe
 - 60 ea of drainage inlets, manholes, junction boxes, SETs
 - 47,000 lf of concrete barrier

IH 10 Widening Project Overview

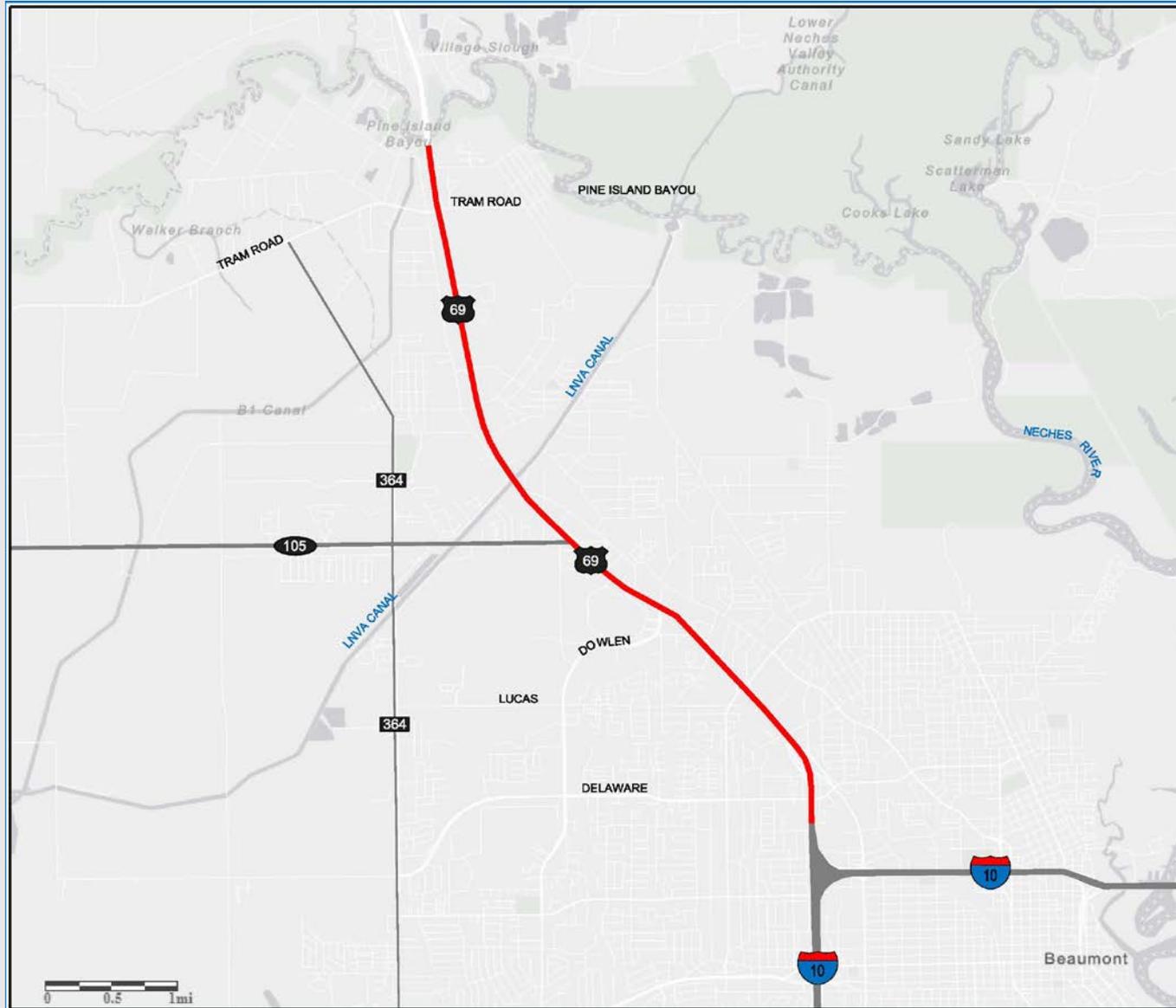
- Other items included in the project:
 - Removal of Concrete Items:
 - Paving, Riprap, Mow Strip
 - Removal of Structure Items:
 - Inlets, SETs, Headwalls, Box Culverts, Pipe, Bridges
 - Guardrail End Treatment: Install and remove
 - Crash Cushion Attenuator: Install, move, reset and remove
 - Temporary Detour Pavement
 - Portable Traffic Barrier
 - Lighting, ITS, Small and Large Signs
 - Pavement Markings



US 69 WIDENING PROJECT



US 69 Widening Project Overview

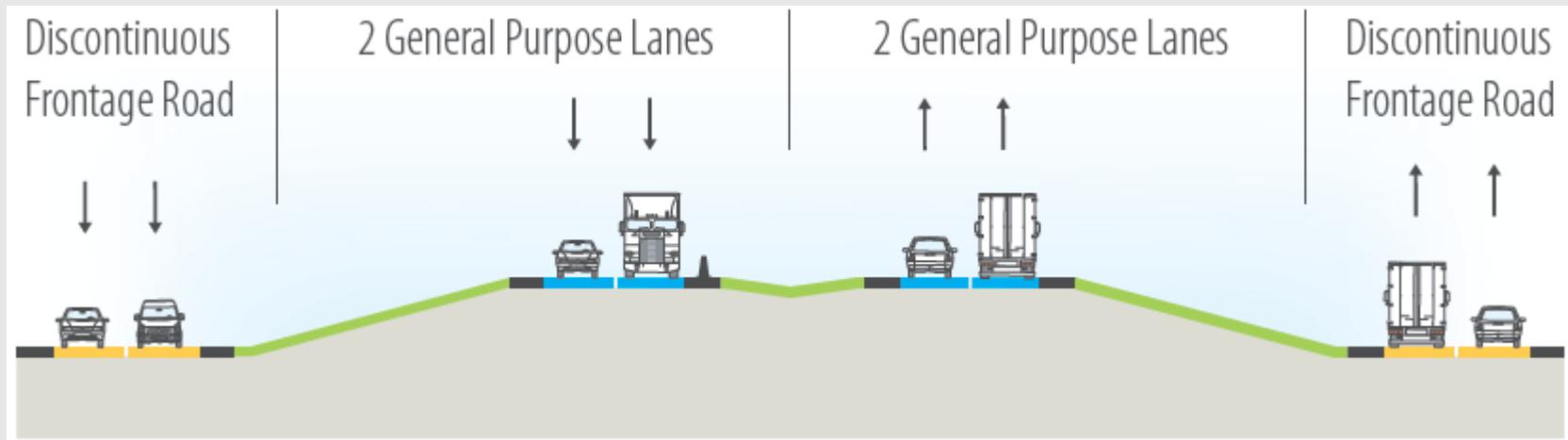


US 66 Widening Project Overview

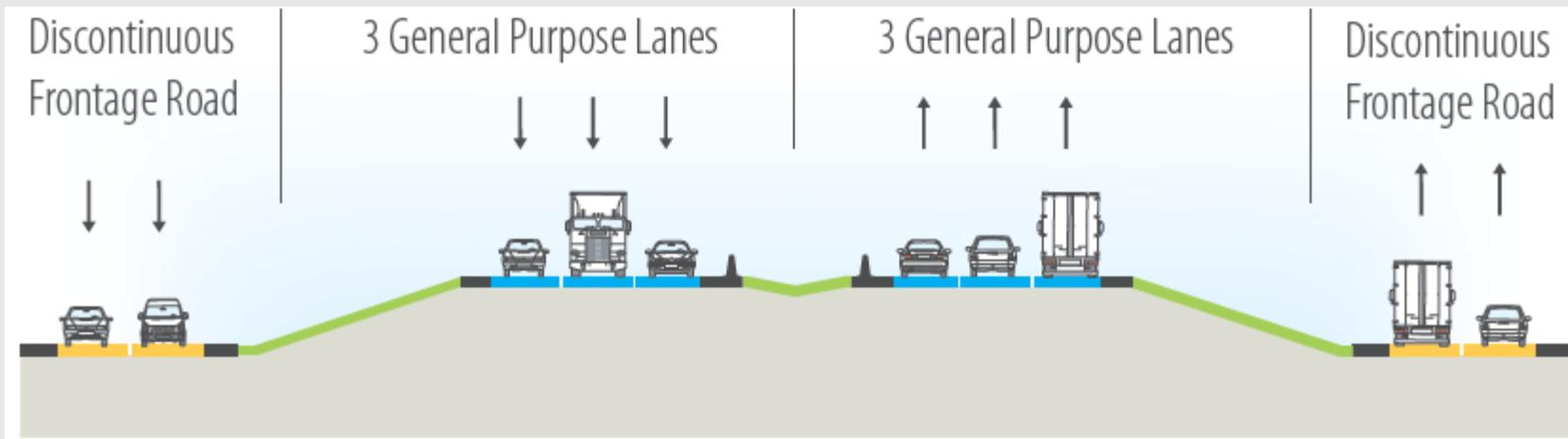
- Widening US 66
- Project Limits: from North of I-10 to North of Tram Road
- Project Scope
 - Widen existing mainlanes to 6 lanes plus auxiliary lanes
 - Widen bridges at 6 overpasses
 - Move Ramps and Ramp Reversals
- Project Goals
 - Managed congestion along US 69 by adding capacity

US 69 Widening Project Overview

Existing Typical Section



Proposed Typical Section



US 69 Project Overview

- Design-Bid-Build
- July 2018 letting – Begin Construction Fall 2018
- Anticipated construction timeline of four years, completion Fall 2022

- Current Construction Estimate = \$30 million

US 69 Widening Project Overview

- Estimated Quantities
 - 75,000 cy of excavation
 - 70,000 cy of embankment
 - 85,000 sy of concrete paving
 - 91,000 sy of Flexible pavement
 - Approx. 79,000 tons of HMA
 - 89,840 sf of bridge widening
 - 10,000 lf of drainage pipe
 - 75 ea of drainage inlets, manholes, junction boxes
 - 13,000 lf of permanent center median concrete barrier
 - 40,000 lf of temporary concrete barrier

US 69 Widening Project Overview

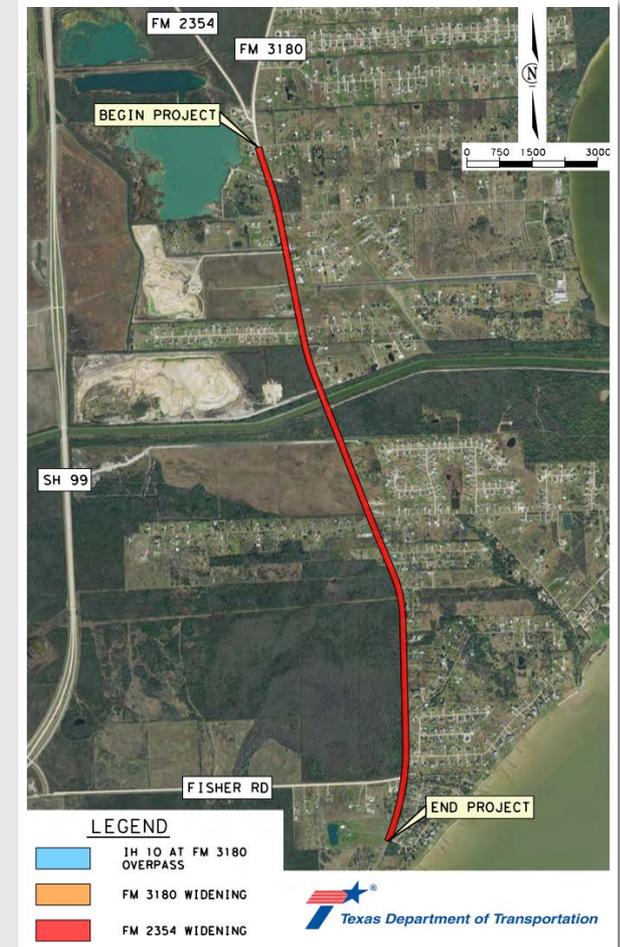
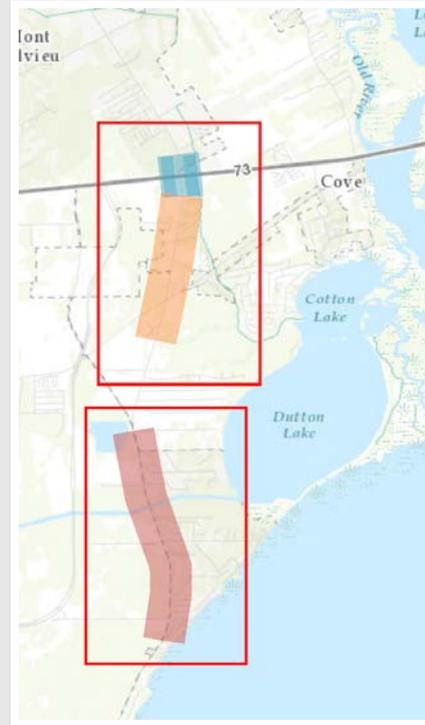
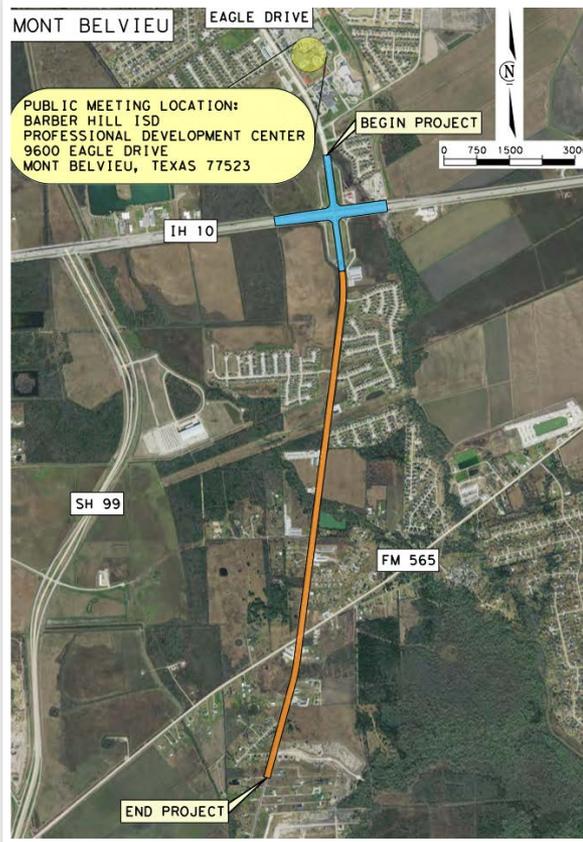
- Other items included in the project:
 - Removal of Concrete Items:
 - Paving, Riprap, bridge rail, bridge deck
 - Removal of HMAC and base material
 - Removal of Structure Items:
 - Inlets, Headwalls, Pipe, Junction Box,
 - Guardrail End Treatment: Install and remove
 - Concrete Rail
 - Crash Cushion Attenuator: Install, move, reset and remove
 - Small and Large Signs
 - Pavement Markings



I-10 AT FM 3180 INTERSECTION, FM 3180, AND FM 2354 IMPROVEMENTS



Projects Overview



Projects Overview

- **IH-10 At FM 3180 Intersection**

- Project Limits: From FM 3180 West & IH-10 South To FM 3180 East and IH 10 North Project
- Scope: Construction Overpass on IH-10 and install traffic signals at the intersection of IH-10 & FM 3180

- **FM 3180 Improvements**

- Project Limits: From 0.25 Miles South of IH-10 To 0.60 Miles South of FM 565
- Scope: Widen to four lanes with continuous turn lane

- **FM 2354 Improvements**

- Project Limits: From FM 3180 to 0.25 Miles South of Fisher Rd
- Scope: Adding Continuous turn lane with a right turn lane at Fisher Rd

- **Project Goals**

- Reduce crashes and support existing and future development
- Improve traffic operations and reduce congestion by improving travel time

IH-10 AT FM 3180 Project Overview

I-10 at FM 3180 Intersection:

I-10 will be rebuilt as an overpass spanning FM 3180; currently, FM 3180 is an overpass spanning I-10. Improvements also include traffic signals at the intersections between I-10 frontage roads and FM 3180.

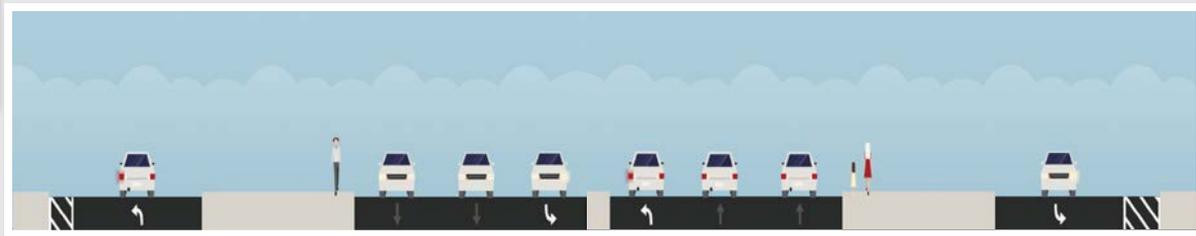
Existing Typical Section



Proposed Typical Section



Proposed IH-10 Overpass at FM 3180



Proposed IH-10 Frontage Road at FM 3180

IH-10 AT FM 3180 Project Overview

- Design-Bid-Build
- Letting – TDB
- Begin Construction- TBD
- End Construction- TBD
- Current Construction Estimate = \$21.9 Million

IH-10 AT FM 3180 Project Overview

▪ Estimated Quantities

- 147,411 CY of Excavation
- 103,601 CY of Embankment
- 71,727 SY of Concrete Paving
- 25,056 SF of Bridge
- 57,658 SF of Retaining Walls
- 2,808 LF of Drainage Pipe
- 68 EA of Drainage Inlets, Manholes, Junction Boxes
- 2,714 LF of Concrete Barrier

IH-10 AT FM 3180 Project Overview

▪ Other Items Included in the Project:

– Removal of Concrete Items:

- Curb, CTB, Paving, Riprap, Medians, Sidewalks, Driveways

– Removal of Structure Items:

- Stab Base & Asphalt Pav, Inlets, Headwalls, Pipe, Junction Box, Drill shaft, Bridge STR

– Guardrail End Treatment: Install and remove

– Crash Cushion Attenuator: Install, move, reset and remove

– Lighting, Signals, ITS, Small and Large Signs

FM 3180 Project Overview

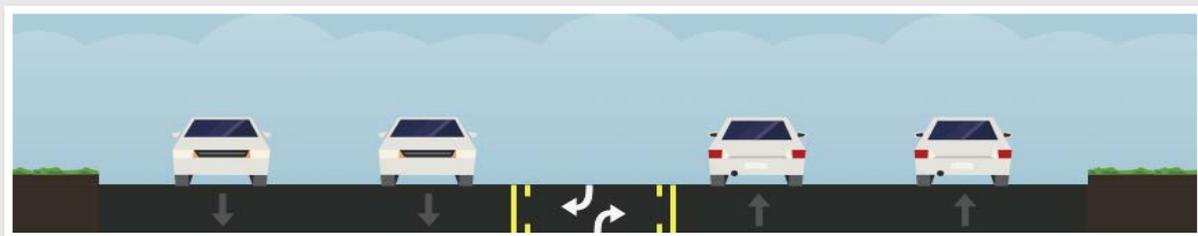
FM 3180 Proposed Improvements:

Widen FM 3180 to a four lane section with a continuous two-way left turn lane south of the IH-10 Intersection

Existing Typical Section



Proposed Typical Section



FM 3180 Project Overview

- Design-Bid-Build
- Letting – June 2018
- Begin Construction- August 2018
- End Construction- September 2019
- Current Construction Estimate = \$ 5.7Million

- **Estimated Quantities**
 - 14,778 CY of Excavation
 - 7,766 CY of Embankment
 - 3,835 Tons of HMA
 - 3,005 SY of Concrete Paving
 - 2,302 SF of Bridge
 - 1,393 LF of Drainage Pipe

FM 3180 Project Overview

- **Other Items Included in the Project:**

- Removal of Concrete Items:

- Curb, Paving, Riprap, Medians, Mow Strip, Driveways

- Removal of Structure Items:

- Stab Base & Asphalt Pav, Wingwalls, SET, Box Culvert, Headwalls, Pipe,

- Guardrail End Treatment: Install and remove

- Crash Cushion Attenuator: Install, move, reset and remove

- Small and Large Signs: Install and remove

FM 2354 Project Overview

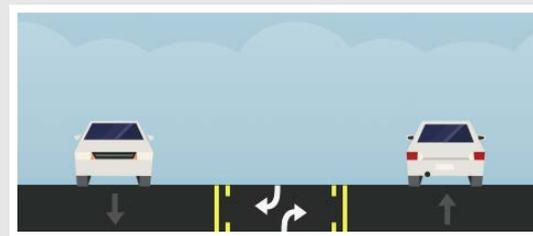
FM 2354 Proposed Improvements:

Widen FM 2354 to add a continuous tow-way left turn lane and a northbound left turn lane at Fisher Road along with a dedicated right turn lane at Fisher Road.

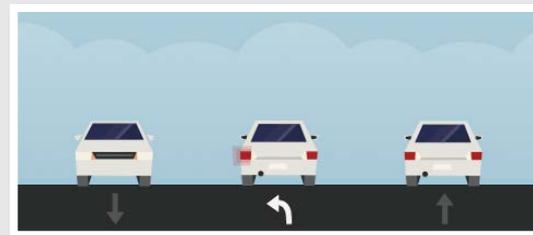
Existing Typical Section



Proposed Typical Section



Two-Way, Left Turn Lane



Northbound Left Turn Lane

FM 2354 Project Overview

- Design-Bid-Build
- Letting – June 2018
- Begin Construction- August 2018
- End Construction- September 2019
- Current Construction Estimate = \$ 6.3 Million

- **Estimated Quantities**
 - 22,658 CY of Excavation
 - 5,719 CY of Embankment
 - 6,403 Tons of HMA
 - 1,630 SY of Concrete Paving
 - 1,788 SF of Bridge
 - 2,377 LF of Drainage Pipe

FM 2354 Project Overview

- **Other Items Included in the Project:**

- Removal of Concrete Items:

- Paving, Riprap, Medians, Mow Strip, Driveways

- Removal of Structure Items:

- Stab Base & Asphalt Pav, Wingwalls, SET, Box Culvert, Headwalls, Pipe,

- Guardrail End Treatment: Install and remove

- Crash Cushion Attenuator: Install, move, reset and remove

- Small and Large Signs: Install and remove

Questions??

UNDERSTANDING THE CONSTRUCTION PROCUREMENT CYCLE

Lamar University

Tabitha Evans – HUB Coordinator

WHAT TYPES OF PROCUREMENT METHODS ARE UTILIZED FOR CONSTRUCTION PROJECTS?

1

- Job Order Contracts (JOC)

2

- TXMAS

3

- Solicitation-RFP/RFQ

CONSTRUCTION PROCUREMENT AND LAMAR UNIVERSITY

- Need Defined –
 - End User/Requestor
 - University Department(s)
 - Submits request and specifications to Purchasing
 - Stacy Carter – Director of Purchasing
 - Kelli Morris – Purchasing Supervisor (Facilities)

<http://facultystaff.lamar.edu/financial-matters/purchasing.html>

CONSTRUCTION PROCUREMENT AND LAMAR UNIVERSITY

Current and Future Opportunities

- Campbell & Monroe Flooring Renovation – Pre-Bid March 14th
- Parking Lot Improvement – G-2
- Parking Lot Site Improvement – F-6

Electronic State Business Daily (ESBD)
<http://www.txsmartbuy.com/sp>

QUESTIONS?

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