



# 10/69 INTERCHANGES PROJECT

Industry Workshop





TEXAS DEPARTMENT OF TRANSPORTATION

Safety: Mission

**ZERO**

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***Safety Never Stops!***

# Table of Contents

<b>1</b>	Project Location and Purpose	4
<b>2</b>	Project Overview	5-12
<b>3</b>	Project Status and Challenges	13-17
<b>4</b>	Qualification Statement Evaluations	18-21
<b>5</b>	Anticipated Procurement Timeline	22
<b>6</b>	Proposer Responsibilities	23-25
<b>7</b>	Disadvantaged Business Enterprise (DBE)	26-35

# Project Location and Purpose

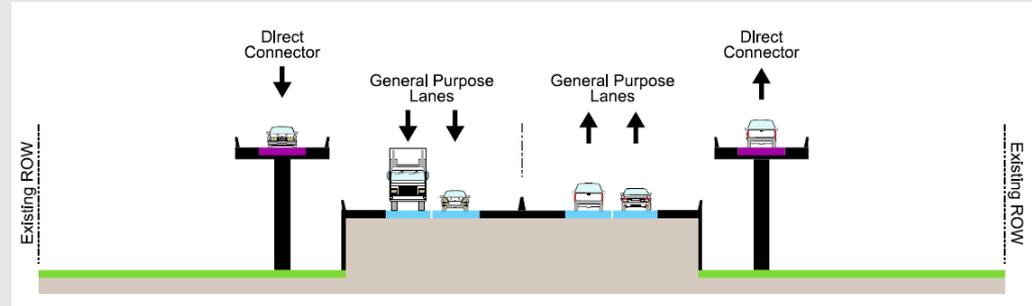
- I-10 and US 69 through the Beaumont District are freight corridors of national significance, and are critical for hurricane evacuation.
- Project elements and purpose:
  - Alleviate congestion
  - Provide a more reliable transportation and evacuation route
  - Enhance connectivity and mobility
  - Improve safety



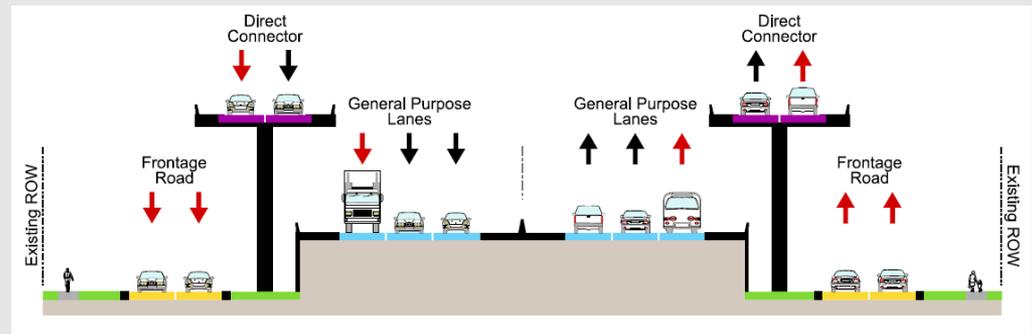
# Project Overview

- Total length:
  - I-10/US 69 – 5.3 miles
- Scope of work:
  - Reconstruct I-10/US 69 mainlanes
  - Reconfigure two I-10/US 69 interchanges (Eastex Freeway and Cardinal Drive)
  - Construct frontage roads to be continuous
- Project cost estimate: \$500M

## I-10 : Present Condition Approaching Interchanges



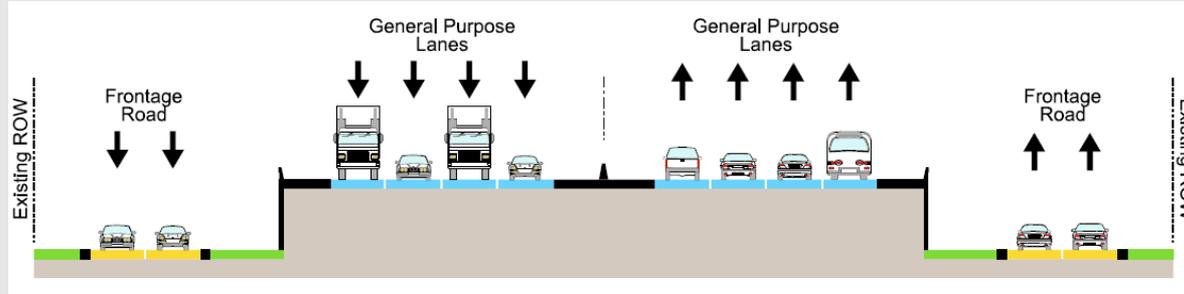
## I-10 : Proposed Construction Approaching Interchanges



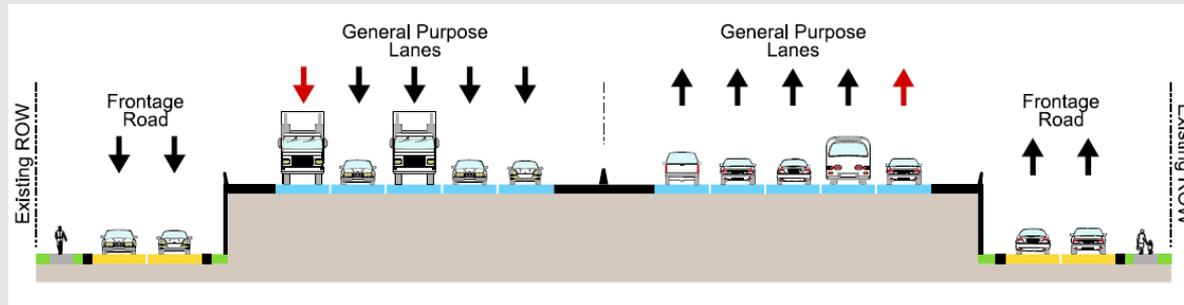
Red arrows illustrate added capacity

# Project Overview (continued)

## I-10 : Present Condition Between Interchanges



## I-10 : Proposed Construction Between Interchanges

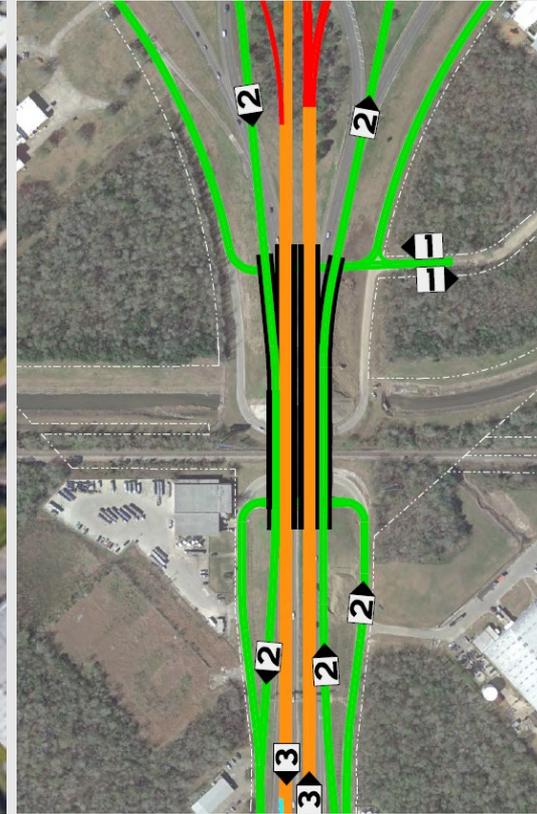


Red arrows illustrate added capacity



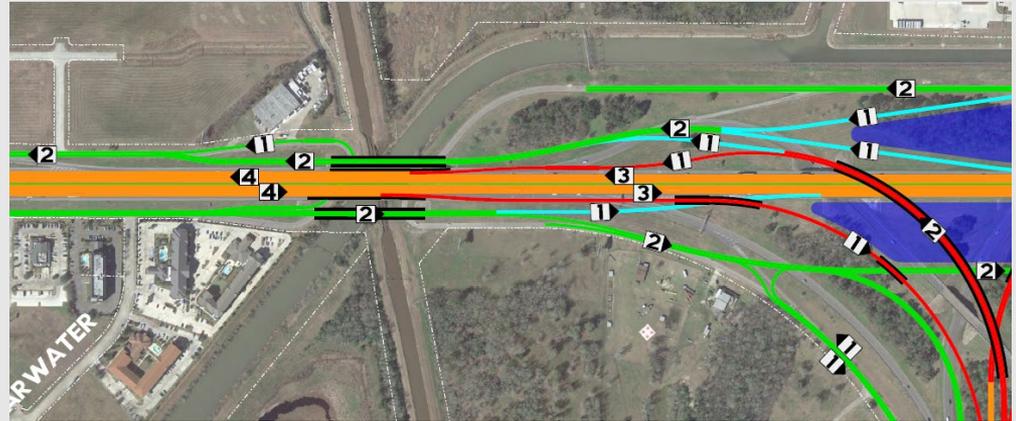
# Project Overview – BNSF RR Overpass

- Reconstruction of BNSF RR Bridge
  - New frontage road bridges
  - Tracks not heavily used
  - TxDOT has entered into similar railroad agreement on nearby project

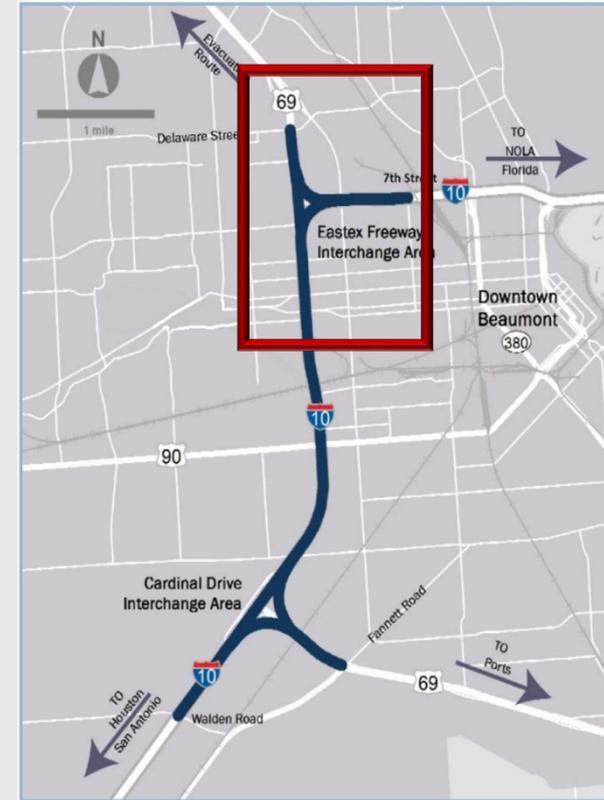
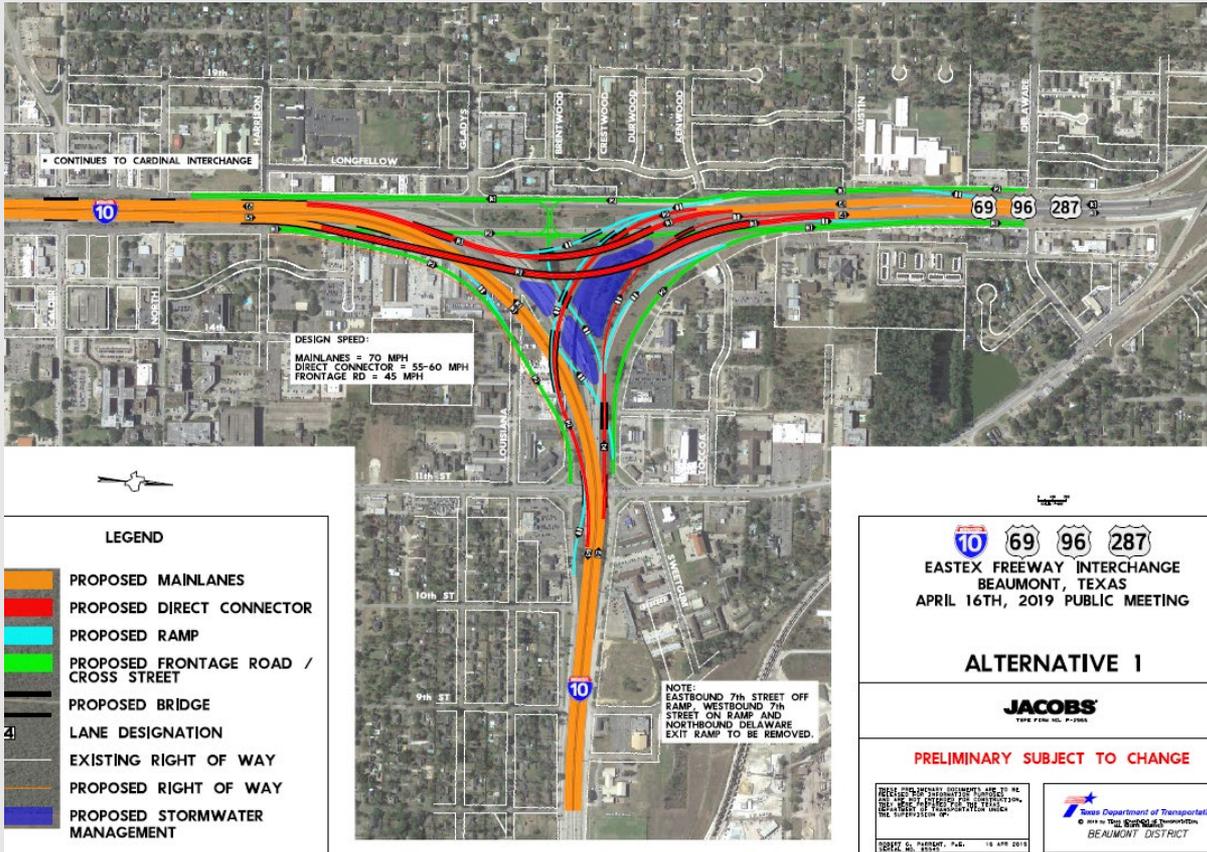


# Project Overview – Hillebrandt Bayou

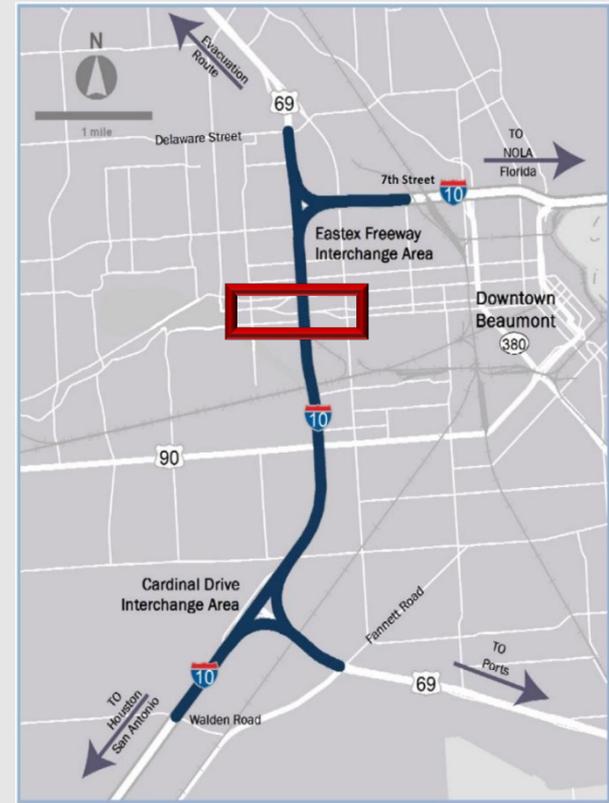
- Hillebrandt Bayou
  - Reconstruction of mainline bridge
  - New frontage road bridges
  - Hydraulic studies
  - Possible improvement to bayou needed



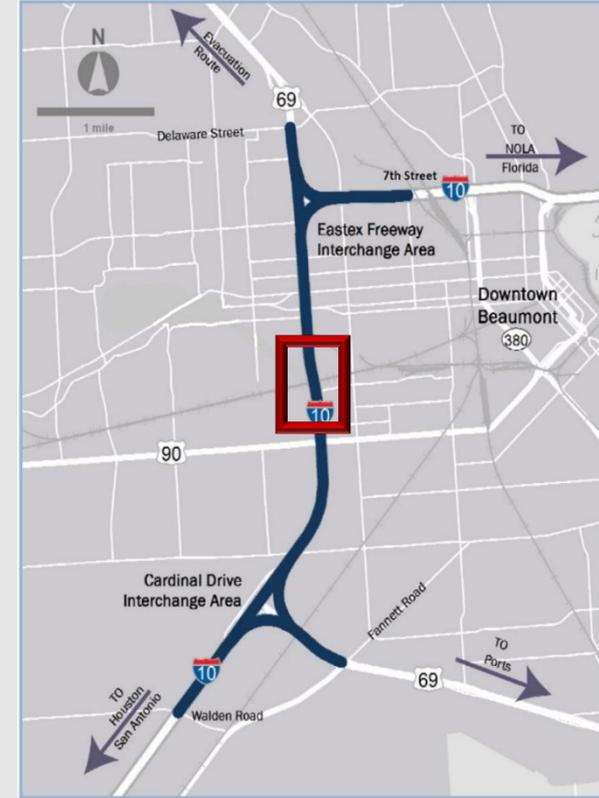
# Project Overview – Eastex Freeway Interchange



# Project Overview – Maury Meyers Overpass



# Project Overview - UPRR / Hollywood Overpass



# Project Status

- Contract Method
  - Design-Build Contract with a 5-year Performance Warranty
- Project Cost
  - Estimated Design-Build Contract cost is \$468M
- Disadvantaged Business Enterprise (DBE) Goal
  - DBE goal will be determined in the coming months

- Environmental Clearance

- An Environmental Assessment (EA) is underway
- An environmental finding decision is anticipated in late 2019/early 2020
- A Public Meeting was held on April 16, 2019. Information can be found on the public meeting website:

<https://www.txdot.gov/inside-txdot/get-involved/about/hearings-meetings/beaumont/041619.html>

- Design

- A draft schematic is currently under development by TxDOT and will be provided in the Request for Proposals (RFP) Reference Information Documents (RIDs)
- An Interstate Access Justification Report is under development and approval is anticipated prior to issuance of the final RFP

## Project Status (continued)

- Right of Way (ROW)
  - TxDOT owns the majority of the ROW for the project
  - Additional ROW will be needed at the Eastex Freeway Interchange
  - TxDOT will begin ROW acquisition following environmental
  - DB Contractor may need to provide ROW acquisition services to complete ROW acquisition after contract execution
  
- Utilities
  - Utility investigations are underway
  - Levels A and B SUE will be provided in the RFP RIDs

## Project Status (continued)

- Geotechnical
  - Geotechnical investigations are underway and will be included in the RFP RIDs
- Hazardous Material Investigations
  - Assessments will be included in the RFP RIDs
- Railroad
  - TxDOT has begun coordination with BNSF RR and anticipates an agreement similar to one which was recently executed on a nearby project
  - TxDOT is proposing a design which will allow the bridges over the UPRR to remain, therefore reducing need for railroad agreements
- Permitting
  - DB Contractor will be responsible for USACE Section 404 permit, if needed

# Project Challenges

- Utility relocations and impacts
- Construction phasing
  - Main lane and frontage road lane closures to accommodate bridge construction
  - Ramp closures for relocations/optimizations
  - Limited staging area for construction activities
- Traveling impacts during construction
  - Work zone management strategies
  - Traffic incident management (inside work areas—emergency response)
  - Public information efforts
- Downtime of travel lanes during construction
- Secondary impacts to roadways (i.e. base failures of existing roadways due to detours)
- Business impacts during construction (accommodate business owners' needs)
- Environmental permit approvals

# PROJECT PROCUREMENT

## THE PROCUREMENT PROCESS



- Two step procurement process
  - RFQ
  - RFP
- QS Evaluations (Shortlisting) - How the QS's will be evaluated:
  - Project Qualifications and Experience (55% Weighting)
  - Statement of Technical Approach (35% Weighting)
  - Safety Qualifications (10% Weighting)

# Qualification Statement Evaluations

- Project Qualifications and Experience (55% Weighting)
  - Experience with designing comparable projects (10 points)
  - Experience with constructing comparable projects (10 points)
  - Experience with quality assurance on comparable projects (10 points)
  - Strength of the proposed organization and management structure (8 points)
  - Experience of the Key Personnel for the Project (15 points)
  - Responsiveness toward the DBE involvement, objectives and goals (2 points)

# Qualification Statement Evaluations

- Statement of Technical Approach (35% Weighting)
  - Demonstrate a full understanding of the Project’s scope and complexity (15 points)
  - Demonstrate a complete understanding of Project risks and potential solutions that may arise during all Project phases, including design and construction (20 points)
- Safety Qualifications (10% Weighting)
  - Fatal injury rate per 100,000 full-time workers (3 points)
  - Incidence rate of injury and illness cases per 100 full-time workers (4 points)
  - National Council on Compensation Insurance (“NCCI”) experience modifier (3 points)

# Anticipated Procurement Timeline

Milestone	Date
Commission action to issue RFQ	May 30, 2019
Issue RFQ	June 18, 2019
Qualification Statements due	August 15, 2019
Commission action to issue RFP	September 2019
Issue final RFP	December 2019
Proposals due	April 2020
Commission action to approve conditional award	May 2020
Contract execution	August 2020
Substantial Completion	December 2024

# Proposer Responsibilities

- Proposers are responsible for monitoring the Project Webpage for information:  
<https://www.txdot.gov/inside-txdot/division/debt/strategic-projects/alternative-delivery/10-69-interchanges.html>
- TxDOT will post any addenda to the RFQ on the Project Webpage
- Proposers are advised that responses to questions posed at this workshop are considered to be on an informational basis and are not binding on TxDOT
- The process for official questions and answers is stated in the RFQ:
  - **The deadline for questions is July 8, 2019 and will be accepted via e-mail to: [TXDOT-BMT-ALTD-I10INT@txdot.gov](mailto:TXDOT-BMT-ALTD-I10INT@txdot.gov)**
- TxDOT may post responses to those questions of general application and requests for clarifications which TxDOT deems to be material and not adequately addressed in previously provided documents on the Project Webpage

## Proposer Responsibilities (continued)

- Proposers are responsible for ensuring Qualification Statements (QSs) are delivered by hand or courier to “TxDOT’s Authorized Representative” at the following address:

**Adam Jack, PE**  
**Texas Department of Transportation**  
**7600 Chevy Chase Drive, Building 2, Suite 400**  
**Austin, Texas 78752**

- QSs will be accepted and must be received by TxDOT during normal business hours before 12:00 p.m. (Central Time) on Thursday, August 15, 2019.
- QSs not received prior to such time on the QS Due Date will not be considered by TxDOT for evaluation or shortlisting.

# QUESTIONS?

# **DBE PROGRAM REQUIREMENTS ON DESIGN-BUILD PROJECTS**

- The Design-Build Project will comply with 49 CFR Part 26.
- TxDOT wants to afford as many small businesses as possible the opportunity to participate on the project.
- Only small businesses that are certified DBEs and listed in the Texas Unified Certification Program (TUCP) Directory located on TxDOT's website can count toward the assigned goal on the project.

- The Design-Build Contractor must:
  - Submit a DBE Performance Plan describing the categories of work that will be available to DBEs to meet the goal.
  - Comply with the contract DBE Special Provision.
  - Host outreach events to obtain participation.
  - Make enough work available to DBEs to meet the goal.
  - Track and report DBE participation (DMS).
  - Enter into a subcontract agreement or purchase order with DBEs.
  - Pay DBEs for the work performed.

- Design-Build Contractor payments to DBEs
  - Pay within 10 days of receiving payment for work performed
  - Issues:
    - Design-Build Contractor does not make a draw request for more than 60 days
    - DBEs cannot afford to wait more than 60 days to pay invoices or employees
- Payment Options
  - Pay when paid
  - Design-Build Contractor pays the subcontractors even if the Design-Build Contractor has not been paid

- DBEs and all Small Businesses
  - DBEs must have the NAICS code applicable to the type of work to count towards the goal.
  - DBEs may perform work outside of the DBE certification NAICS code, but participation will not count toward the goal.
  - Must possess the type of equipment needed to perform the work.
  - Have enough cash flow to sustain the business operations and pay employees.
  - Keep a skilled workforce.
  - Stay in the know about the different methods of contracting, completing the work, and keeping up with the demands of the project schedule.
  - Have an opportunity to participate in the project, but the amount of participation is not guaranteed.

TxDOT staff will:

- Monitor the Design-Build Contractor for, but not limited to:
  - good faith efforts to achieve the specific DBE goal for the project
  - requests to approve subcontracts and purchase orders for DBEs
  - Commercially Useful Functions (CUFs)
  - DMS required actions
  - DBE substitutions/terminations
  - payments to DBEs and verify Prompt Payment
- Respond to any complaints from DBEs.

# Diversity Management System (DMS)

- Diversity Management System (DMS) is an online tracking system.
- All contractors on federally assisted contracts are required to use DMS.
- DBE payments, and prompt payment reporting are accomplished through DMS.
- All primes and DBEs must have an account in DMS.
- Access the Diversity Management System Homepage.
  - <https://txdot.txdotcms.com/>
- Contact the Civil Rights Division for instructions or assistance in creating an account in DMS.

# QUESTIONS?

Texas Department of Transportation  
Civil Rights Division  
(512) 416-4700  
CIV\_Compliance@txdot.gov

**THANK YOU**