



May 19, 2025

# SH 99/Grand Parkway

## Segment B-1

OVTI Informational Presentation

## Housekeeping



Be sure to provide your information on the sign-in sheet.



Please mute your phones.



There is to be **NO** recording of this presentation.



You may ask questions at the end of the presentation.

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# Introduction

## Houston Districts:

**Kenneth Shirley**, P.E. – SH 99 B-1 Project Manager – CST Member

**Milad Ajir**, P.E. – Transportation Engineer (Houston District SPO ) – CST Member

**Shane Hubenak**, P.E. – Transportation Engineer – CST Member

## PEPS Houston Service Center:

**John Mosaffa**, P.E. - Transportation Engineer (Procurement Engineer)

**Kimlinh V. Nguyen**, P.E. – PEPS Houston Service Center Section Director

## Ground rules

- Do Not contact CST Members regarding procurement.
- This presentation is for INFORMATIONAL PURPOSES ONLY.
- The advertised RFP will dictate the final work categories.  
Read and comply with the RFP requirements.

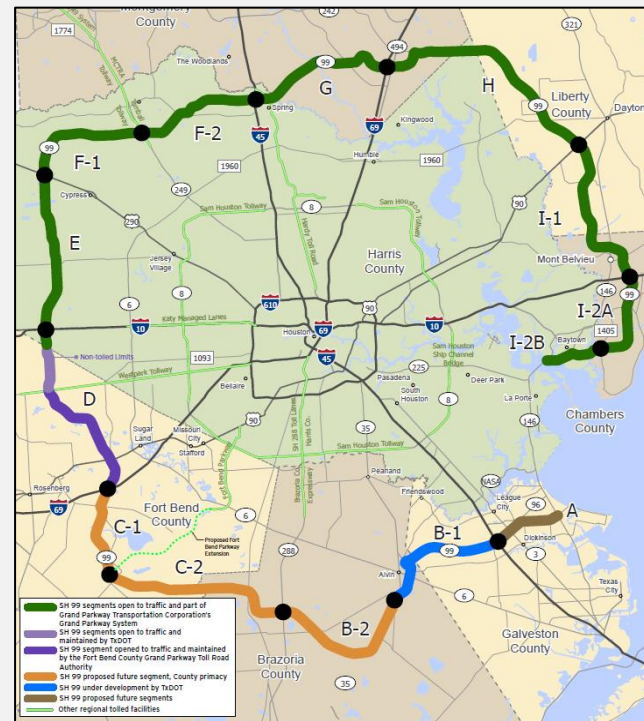


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# Project Overview

# Corridor Location and Project Limits

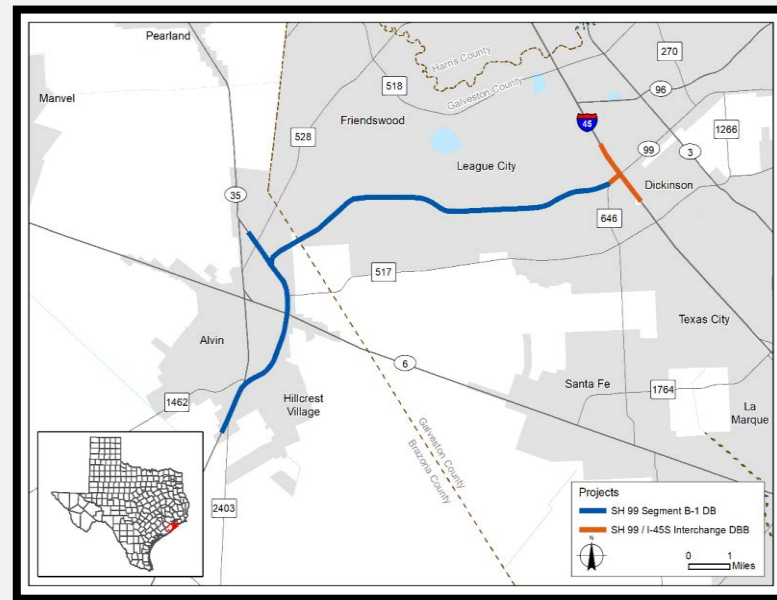
- Limits: FM 646 to South of FM 2403
- Project Locations: Galveston & Brazoria counties
- Length: 14.0 miles
- Project Details:
  - Construct 4-lane tollway with discontinuous 2-lane frontage roads and interchanges
  - Construct two direct connectors at SH 35
  - Construct SH 35 mainlanes north of SH 99
  - Four direct connectors at I-45 interchange to be constructed by others
- Estimated DB Cost: \$1.94 Billion
- Contract Delivery Method:



Deliver as a DB project and will include up to a 15-year Capital Maintenance Contract (CMC) consisting of three five-year terms as solicited on recent TxDOT DB projects.

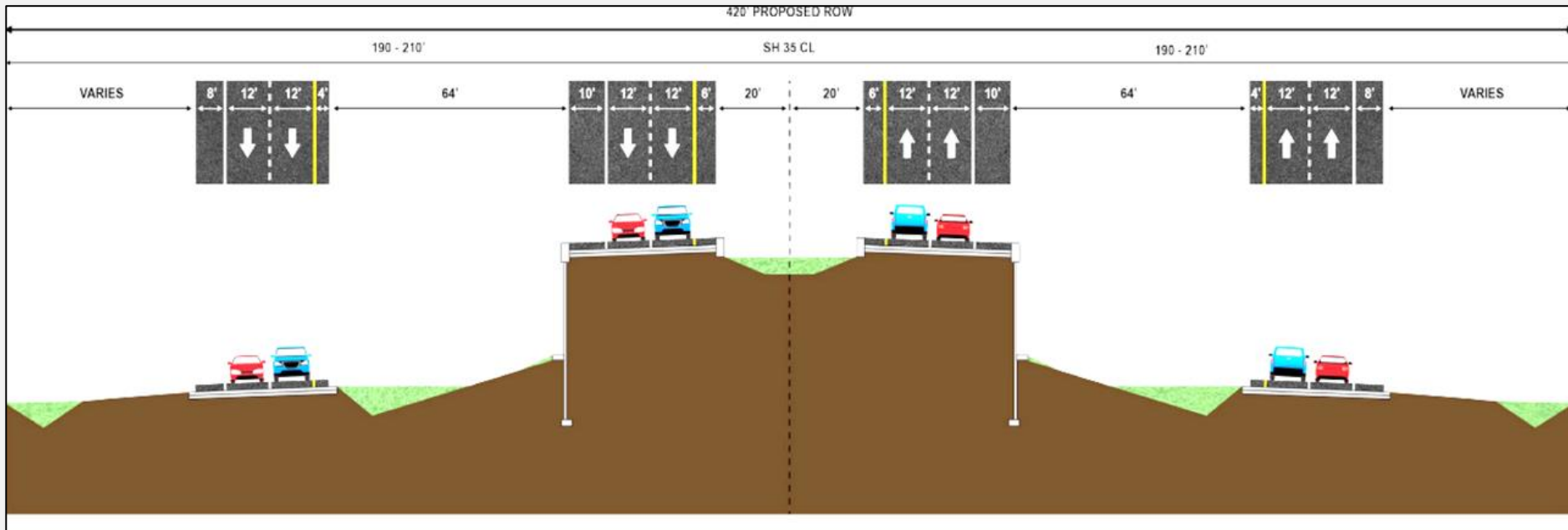
# Needs and Purpose

- Project Needs
  - Improve system linkage within the existing transportation system
  - Address transportation demand in the area, reduce traffic congestion, and provide travel options
  - Provide an alternative route to emergency evacuation routes for the greater Houston area
  - Accommodate demographic and economic growth by improving the movement of persons and goods
- Project Purpose
  - Efficiently link suburban communities and major roadways
  - Enhance mobility
  - Respond to economic growth
  - Provide an additional access to establish hurricane evacuation routes





## SH 99 Grand Parkway Segment B-1 – Typical Section

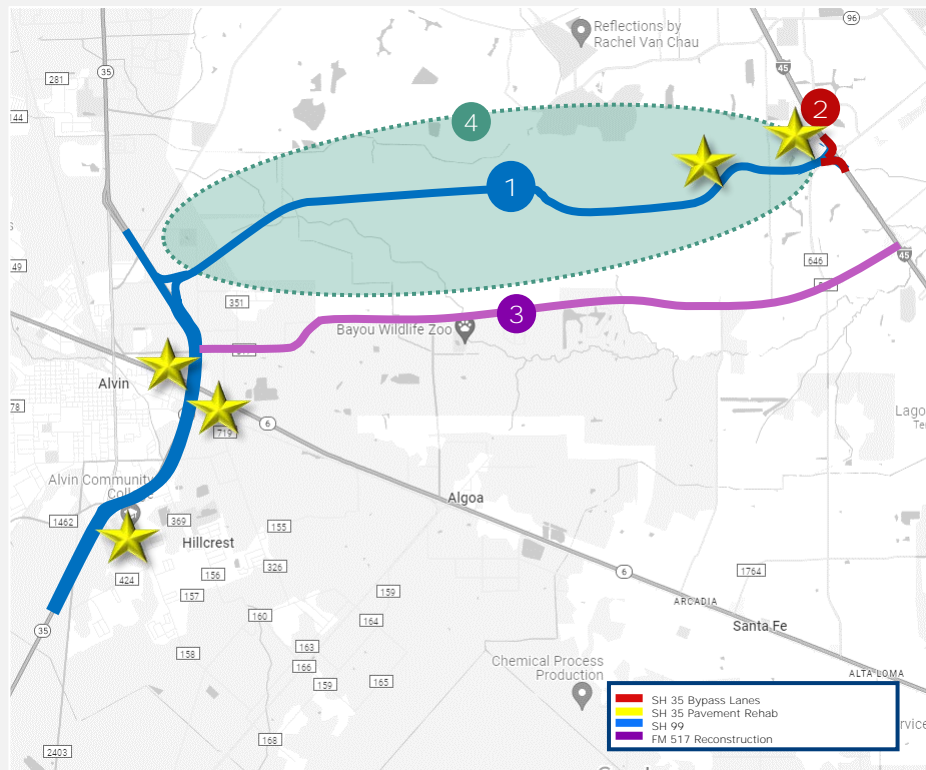




## Project Challenges

- Utility relocations and impacts
- Construction phasing
  - Mainlane and frontage road lane closures to accommodate DCs construction
  - Minimizing railway service disruptions during BNSF bridge replacement
- Traveling impacts during construction
  - Work zone management strategies
  - No two consecutive intersections closed for overhead activities simultaneously
  - Public information efforts and multi-jurisdictional coordination
  - Downtime of travel lanes during construction
- Minimize impacts during construction to accommodate business **owners'** needs
- Multiple toll plaza layouts and equipment pads will be site specific

# Project & Adjacent Projects



<b>1</b>	<b>SH 99 Segment B-1</b>	DESIGN - BUILD
From FM 646 to South of FM 2403		NTP1: 6/2026

<b>2</b>	<b>CSJ 3510-01-003</b>	DESIGN BID BUILD
SH 99, AT I-45S Construct 4 direct connectors		LET Date: 02/2028

<b>3</b>	<b>FM 517 Reconstruction</b>	DESIGN BID BUILD
From I-45 S to SH 35		LET Date: 12/2027

<b>4</b>	<b>Third Party Development</b>
Unknown timetable for private developer activities in the greenfield section	

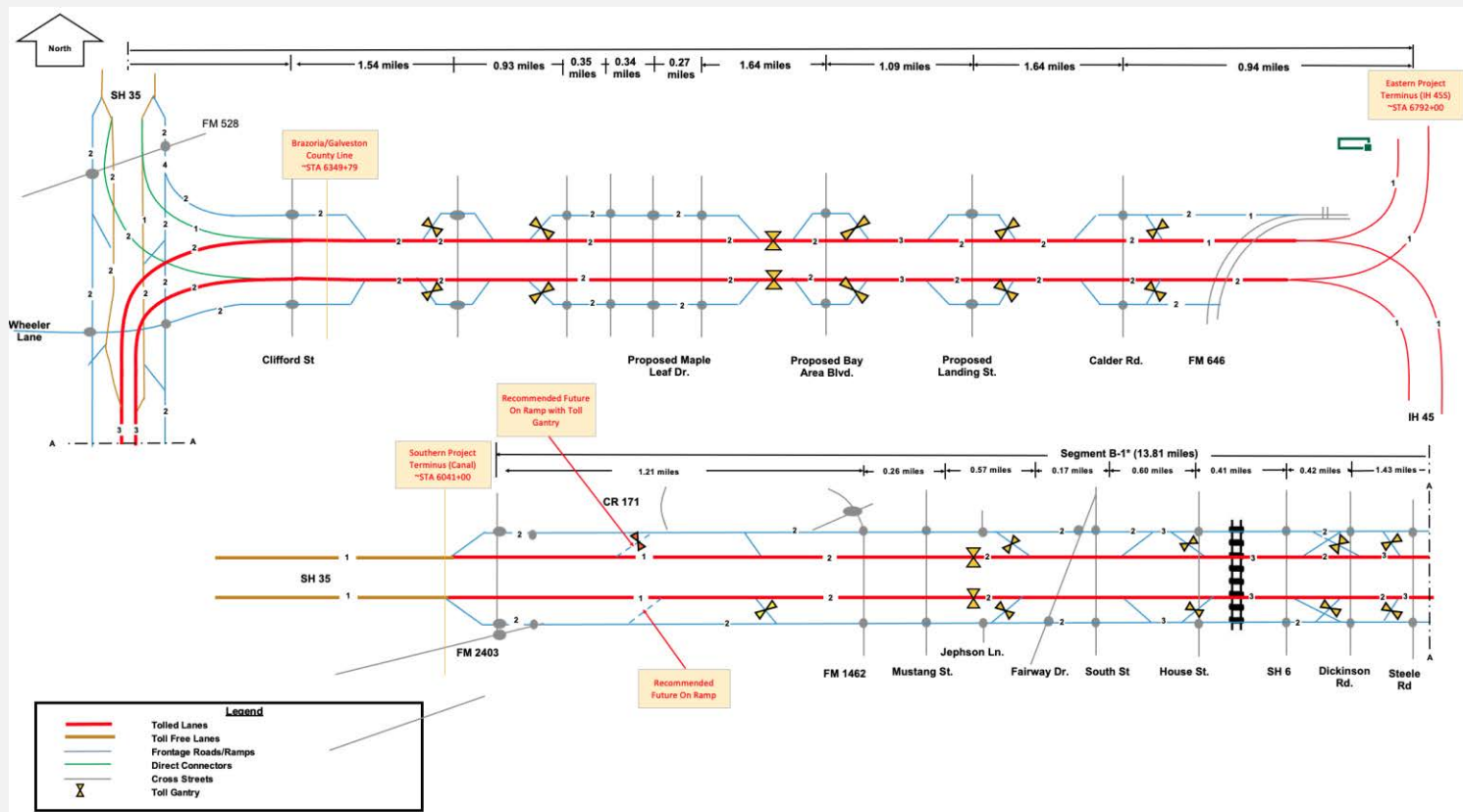
<b>★</b>	<b>Major Third-Party/Stakeholders</b> (major traffic generators and business access)
1. Alvin Community College	4. Lobit Elem & Middle Schools
2. BNSF Railroad	5. I-45S / FM 646 Retail Area
3. SH 35 / SH 6 Retail Area	

Adjacent Project

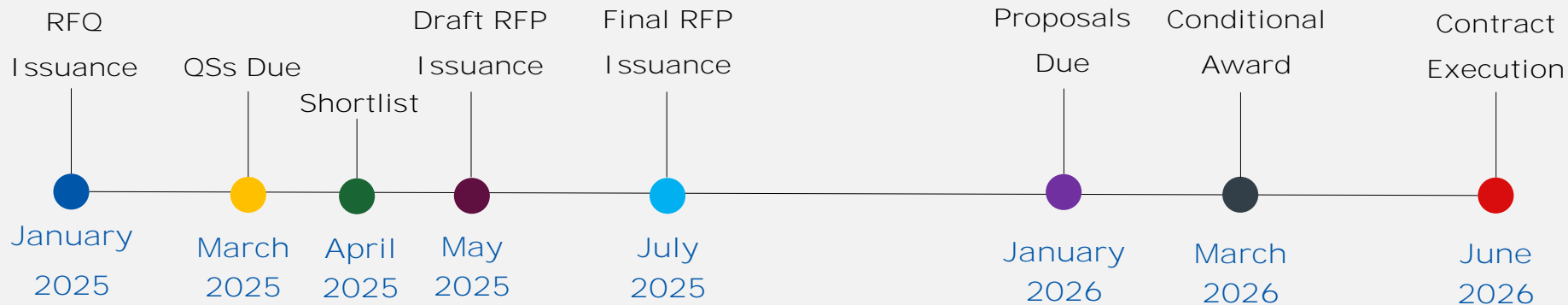
Adjacent Project

Adjacent Project

## SH99 Segment B1 - Overpasses, Interchanges & Tolling Points



## DB Timeline



## Split Funding



The Project (excluding the SH 35 Bypass portion) will be the responsibility of the Grand Parkway Transportation Corporation (GPTC)

- The GPTC will make payments for the DBC and CMC either through reimbursement of TxDOT or through direct payment from GPTC bank trustee after the assignment of the Design-Build Contract (DBC) and Capital Maintenance Contract (CMC) to GPTC
- IF a USDOT TIFIA loan is granted, TIFIA provisions and approvals will apply to the DBC and CMC contracts.



SH 35 Bypass will be priced separately under the DBC and CMC.

- The SH 35 Bypass portion of the Project will be funded using Category 2, 3, 4, and 11.
- Monthly Draw Requests will be submitted separately for the SH 35 Bypass Work.



The Project is fully funded with the 2025 Unified Transportation Program approved by the Texas Transportation Commission in August 2024.

## Project Websites



GPTC Segment B - <https://www.txdot.gov/projects/hearings-meetings/houston/2023/sh99-sh35-101023.html>



SH 99 Grand Parkway Segment B-1 Design-Build:  
<https://www.txdot.gov/business/road-bridge-maintenance/alternative-delivery/sh99-grand-parkway-segb1.html>

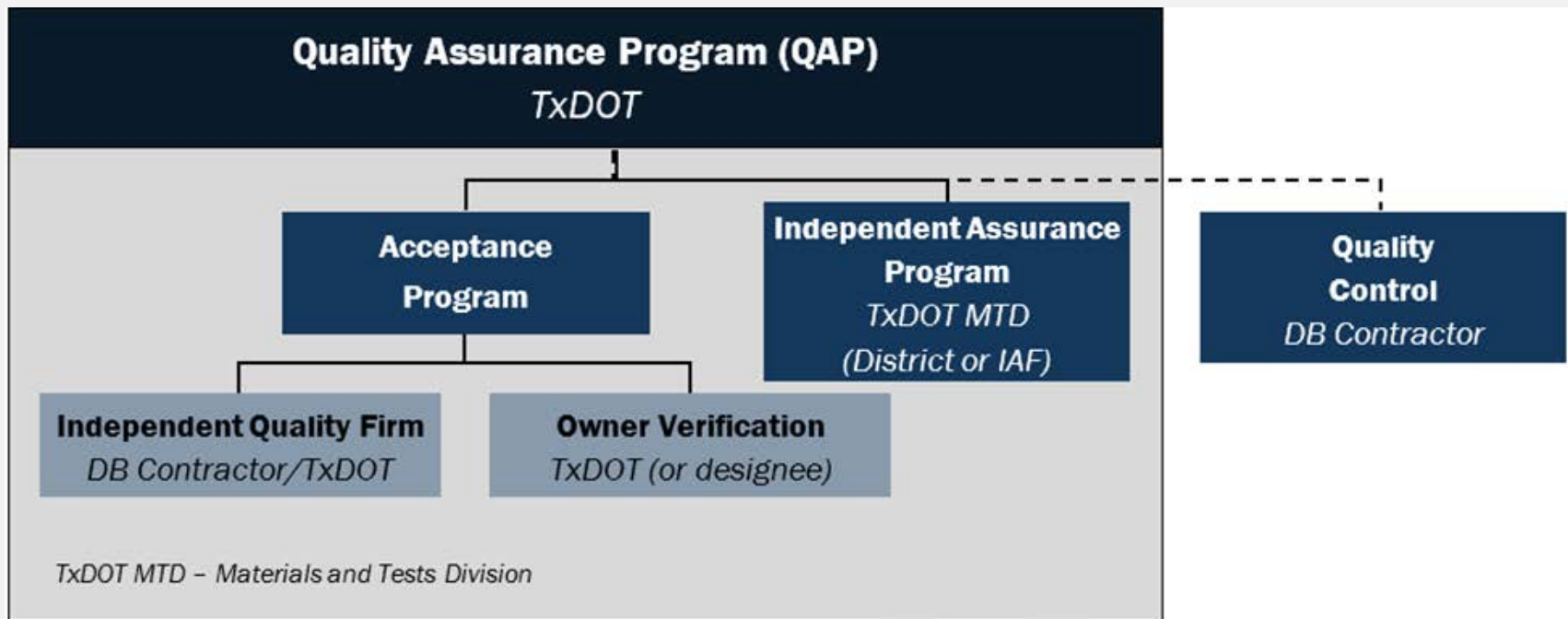




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# OVTI Contract Information & Tentative Timeline

## QAP Components and Reporting Relationships



## **TASK DESCRIPTIONS AND FUNCTION CODES**

**PROJECT MANAGEMENT AND CONTRACT ADMINISTRATION**

**INSPECTION OF WORK IN PROGRESS AND PROJECT RECORDS**

**OWNER VERIFICATION TESTING AND INSPECTION PLAN (OVTIP)  
AND RISK WORKSHOP**

## **Toll Plaza Responsibilities – OVTI vs GEC**

### **GEC**

- GEC shall be responsible for fiber optic inspection
- GEC shall be responsible for fiber optic test results review

### **OVTI**

- OVTI shall be responsible for “basic” civil works
- Concrete placements
- Formwork
- Reinforcing steel
- No different than any other structural or roadway elements inspection and testing performed by OVTI as a matter of assessing IQF efforts

# Work Categories

Cat. No.	Category Name
22.1.1	Owner Verification Testing and Inspection - Project Manager
22.2.1	Chief Inspector
22.3.1	Owner Verification – Laboratory Manager
22.4.1	QA/QC Process Verification for OVTI

Preliminary

## SERVICES TO BE PROVIDED BY THE STATE

1. Provide the specification requirements for all materials tested.
2. Provide the necessary test report forms.
3. Provide the Owner Verification (OV) Report Template.
4. Provide the Alternative Delivery Projects - Quarterly Executive Summary of OV Reports to be completed by TxDOT Project Manager (PM), General Engineering Consultant (GEC) and OV.
5. Periodically inspect equipment and procedures of the Laboratory.
6. Maintain oversight of all contract services provided by the Engineer through periodic laboratory, plant, and construction inspections.
7. Verify technician certification in all applicable test procedures as required by the State's Quality Assurance Program or other approved programs.
8. Provide the I2MS Materials Management Software or other State approved Electronic Document Management System (EDMS). This is project specific and will require modification by the Engineer.
9. Provide timely reviews and decisions necessary for the Engineer to maintain the project schedule.
10. Provide access to Design-Build Contractor prepared construction plans and pertinent Reference Information Documents of the State facilities within the project limits.
11. Provide all applicable contracts, agreements, Design-Build Contractor Project Management Plans (specifically, the Construction Quality Management Plan, etc.), special specifications and special provisions for the Design-Build project.
12. Perform evaluations on the consultant firm and project manager performance.

## Summary of OVTI Scope of Services

- A. Developing an owner verification testing and inspection plan (OVTIP) for the Project.
- B. Conducting an owner verification inspection (OVI) and owner verification testing (OVT) risk assessment workshop
- C. Conducting Owner Verification (OV) sampling, testing, and inspection;
- D. Providing statistical validation and verification of IQF testing results;
- E. Conducting non-validation and nonverification investigations;
- F. Conducting audits and self-audits to verify DB Contractor's CQMP and OVTIP compliance; and
- G. Producing and submitting quarterly OV reports to TxDOT ALD for approval
- H. Punchlist Development and Verification.

# Modifications to OVTI Scope of Services

Subtle but substantive additions compared to past solicitations:

- Coordination and cooperation relationship with GEC,
- Railroad Right of Way Requirement,
- Photographic documentation protocol, ie geolocate and naming,
- Providing input to Executive Quarterly Summary Report,
- Ensuring SWP3 inspections performed by IQF properly,
- Reports go to ALD, not MTD, due to TxDOT Org change.



## Contract Goals

**PM & TLs expertise in Owner Verification Testing and Inspection (OVTI) of DB Contracts**

**PM & TLs ability to provide solutions as well as fluidly manage resources in order to keep DB contract on schedule and OVTI contract on budget.**

**High Quality OVTI reviews, recommendations and documentation under expedited timeframes.**

## FAQs:

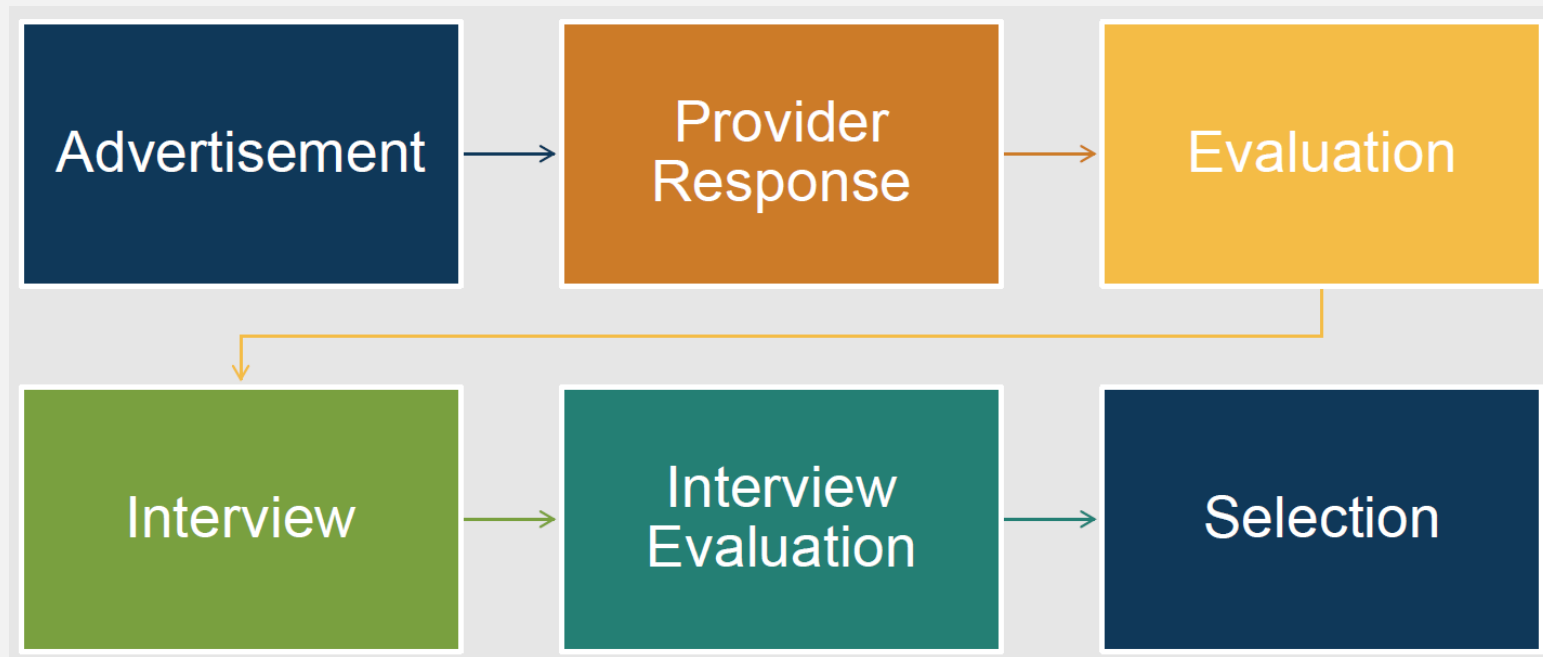
- Q: *"Is it the District's intent to use the DB GEC or OVTI to help oversee I-45/SH 99 Interchange construction or will you hire a CE&I firm?"*
  - A: The District will hire an independent CEI firm for the future DBB contract.
- Q: *"If my firm is on the recently awarded GEC, will we be precluded from the OVTI pursuit?"*
  - A: Yes.
- Q: *"If I am on the winning OVTI Team, will my firm be precluded from chasing the upcoming IDIQ for Independent Assurance?"*
  - A: No. With intent to choose 3 firms to serve HOU and BRY projects, at least one of the three should not be on the Dber team and the OVTI teams of the future.

## Evaluation Criteria

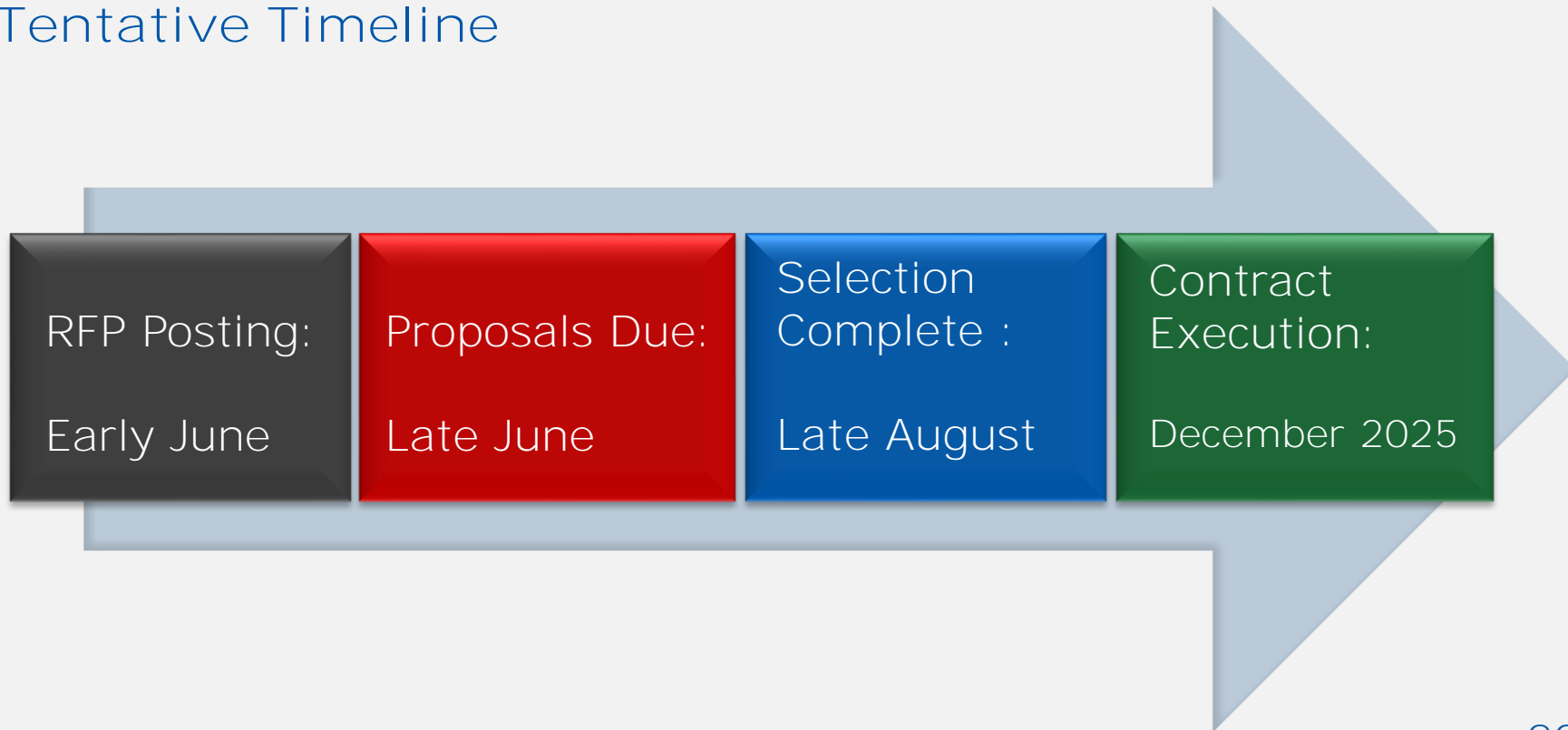
Evaluation Criteria	Included Elements
Technical approach	Project understanding, project approach, innovative concepts or alternatives
Project Manager's relevant experience	Experience with similar or related projects, including both technical and management experience
Project planning and management	Project staffing and resource management (who, how, and why), communication plan, and quality control procedures. Includes the prime firm's past experience with utilizing subproviders and meeting program goals (DBE) and how it plans to utilize subproviders to meet the goals on this contract. Also, may include project scheduling and phasing for SD projects
Key staff's relevant experience	Experience with similar projects
Past Performance Score	

Proposals are independently scored by CST members based on the four evaluation criteria and their corresponding weightings.

## Procurement Process



## Tentative Timeline





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# OVTI Proposal

## Preclusion

A preclusion has been determined for this solicitation.

The prime provider that is awarded this contract and all subproviders, including their respective subsidiaries and affiliates, may not, unless approved by TxDOT, team with a proposer or developer on TxDOT-sponsored public-private partnership agreements, including design-build agreements and comprehensive development agreements, relating to projects for which services are rendered under a contract resulting from this solicitation, and may not otherwise participate in related contracts for professional services managed under a contract resulting from this solicitation. The prime provider and subproviders, including their respective subsidiaries and affiliates, may participate in future contracts that are not related to projects for which services are rendered under a contract resulting from this solicitation, unless such participation is determined by TxDOT to be precluded under TxDOT's conflict of interest rules (see 43 Texas Administration Code §9.155, §10.6, and §27.8).

# Submittal Reminders

- Submit before the deadline
- QA/QC the submittal by referring directly to the RFP
- Check that all mandatory forms are in your submittal
- Verify name of project manager and task leaders
- Verify Task Leaders are pre-certified in the listed work categories
- Verify that your sub-providers are pre-certified in the listed work categories
- Check DBE participation
- Ensure your Administrative Qualifications are up to date





After this presentation, all questions must be submitted to John Mosaffa at:

[John.Mosaffa@txdot.gov](mailto:John.Mosaffa@txdot.gov)



The deadline for questions is May 22, 2025, at 12:00 noon  
with the subject line:

"HOU / OVTI / SH 99 B-1 / Pre-RFP Meeting / Questions"



Copy of the presentation, questions, and responses will be posted at:

<https://www.txdot.gov/business/peps/opportunities/meetings.html>