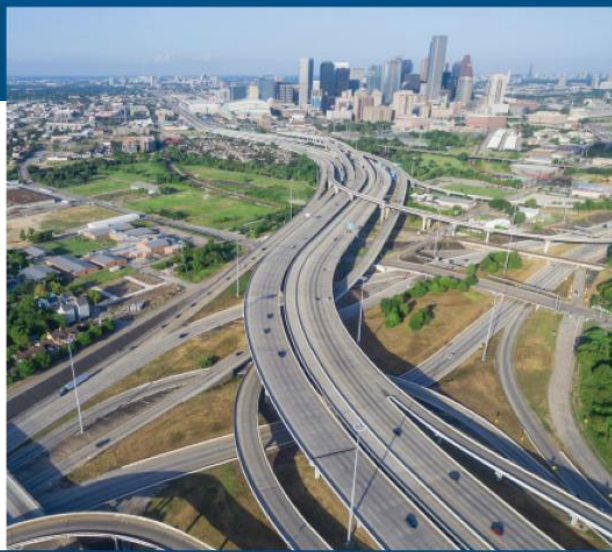


ASCE Houston Chapter TxDOT Houston District Update

June 2023



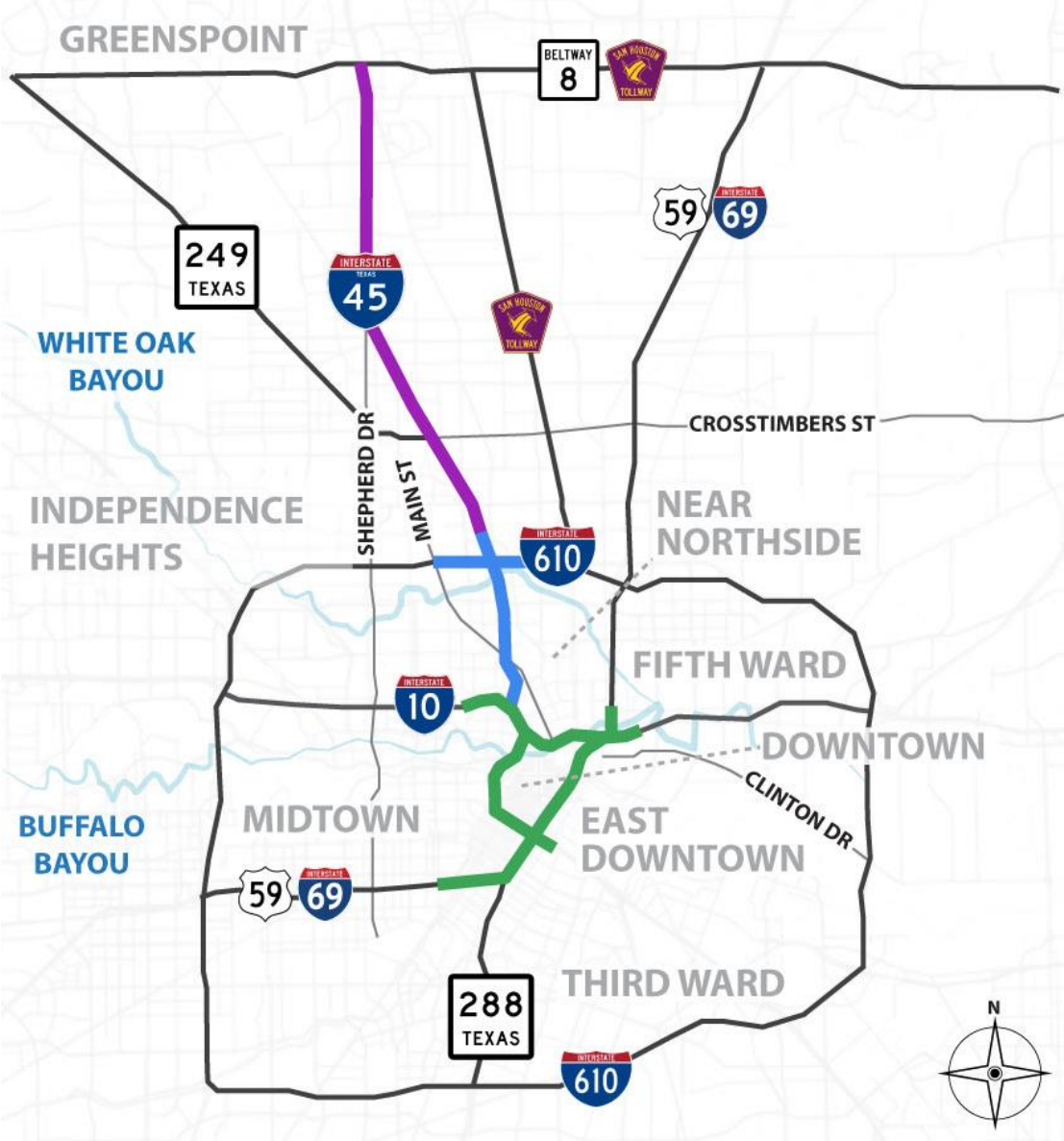


I-45 North Houston Highway Improvement Project (NHHIP)

Status Update – June 2023



PROJECT SEGMENT OVERVIEW



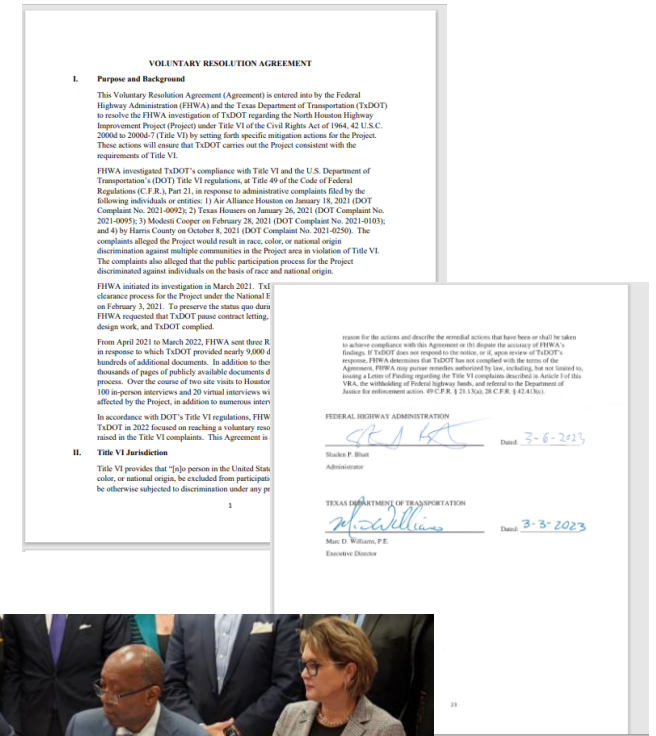
PROJECT AREA LEGEND

- SEGMENT 1
- SEGMENT 2
- SEGMENT 3

PROJECT STATUS

NHHIP – Status Update

- Voluntary Resolution Agreement (VRA) with FHWA
 - March 5, 2023
- Memorandum of Understanding with Harris County resolving NEPA lawsuit
 - December 22, 2022
 - Lawsuit was dismissed January 2023
- Memorandum of Understanding with the City of Houston
 - December 19, 2022
- NHHIP remains funded in the 2023 UTP with \$5 billion
 - Including \$490.7M as approved by the TPC



WHAT IS THE VRA?

- The Voluntary Resolution Agreement (VRA) is an understanding by and between the Federal Highway Administration (FHWA) and the Texas Department of Transportation (TxDOT)
- Resolves the FHWA investigation of TxDOT regarding the North Houston Highway Improvement Project (Project) under Title VI of the Civil Rights Act of 1964 (Title VI) by setting forth specific mitigation actions for the Project
 - Lifts pause
 - No Title VI violations identified in VRA
 - TxDOT to resume all project development activities.
- Provides specific, enforceable timelines and monitoring by FHWA to ensure TxDOT carries out the Project consistent with the requirements of Title VI
- FHWA has concluded review of TxDOT's responsibilities under the National Environmental Policy Act (NEPA) also with no findings



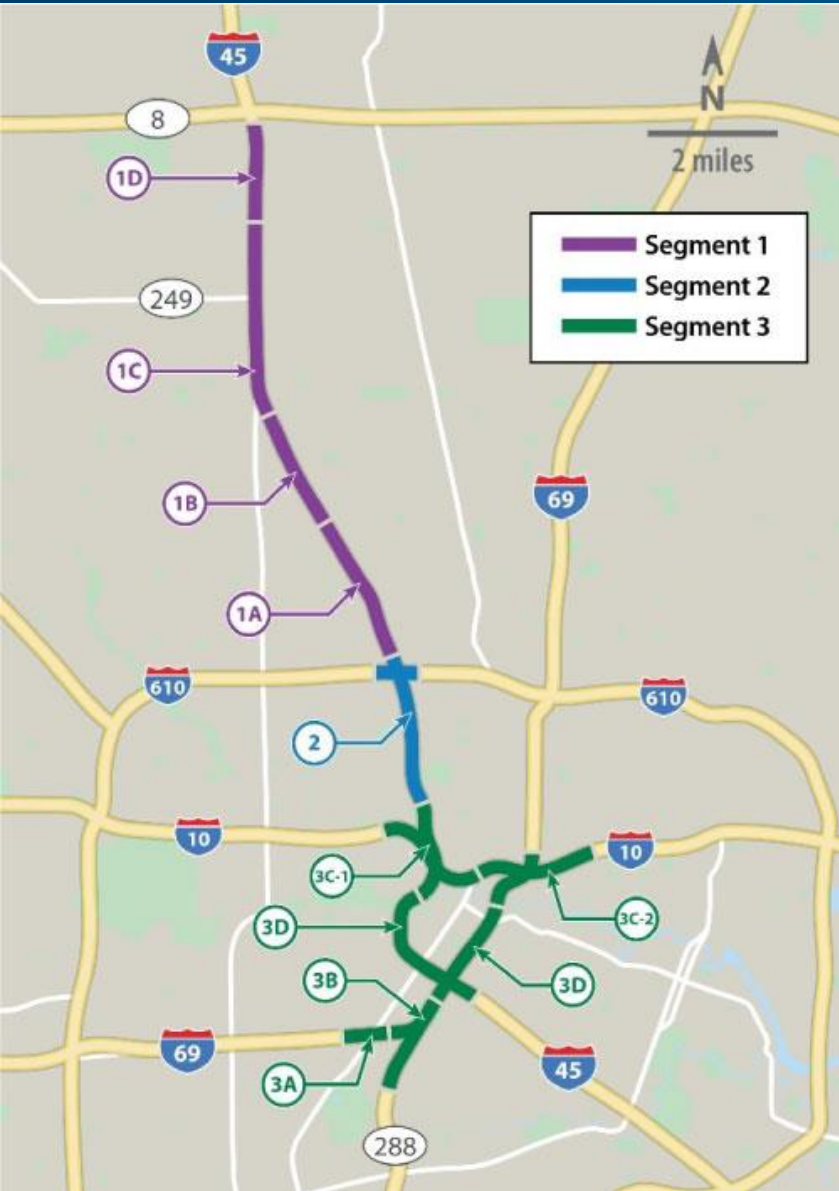
TxDOT MOVING FORWARD WITH NHHIP



CURRENT FOCUS AREAS

- Final Design in portions of Segment 3
- Public and Stakeholder Engagement
- Right of Way Acquisition
- Enhanced Relocation Assistance
- Administration of Affordable Housing Grants in project area

TxDOT MOVING FORWARD WITH NHHIP



PHASED DELIVERY OF NHHIP		
INDEPENDENT PROJECTS	CONSTRUCTION START	CONSTRUCTION COMPLETION
3A	2026	2031
3B – Package 1	2024	2027
3B – Package 2	2025	2030
3C-1	2027	2033
3C-2	2029	2035
3D	2031	2038
1A & 2	2033	2039
1B	2038	2042
1C	2032	2036
1D	2030	2034

PROJECTS IN THE NEAR TERM

Package 1, drainage improvements along St. Emanuel Street to Buffalo Bayou (3B)

- Estimated Construction Cost: \$86.1M
- Construction anticipated to begin in 2024, completion in 2027
- Active public engagement and will continuing through construction completion

Package 2, I-69 between SH 288 and IH 45 South (3B)

- Estimated Construction Cost: \$584.8M
- Construction anticipated to begin in 2025, completion in 2030
- Active public engagement and will continuing through construction completion

I-69 between Spur 527 and SH 288 (3A)

- Estimated Construction Cost: \$639.4M
- Construction anticipated to begin in 2026, completion in 2031
- Active public engagement and will continuing through construction completion



COMMUNITY OUTREACH

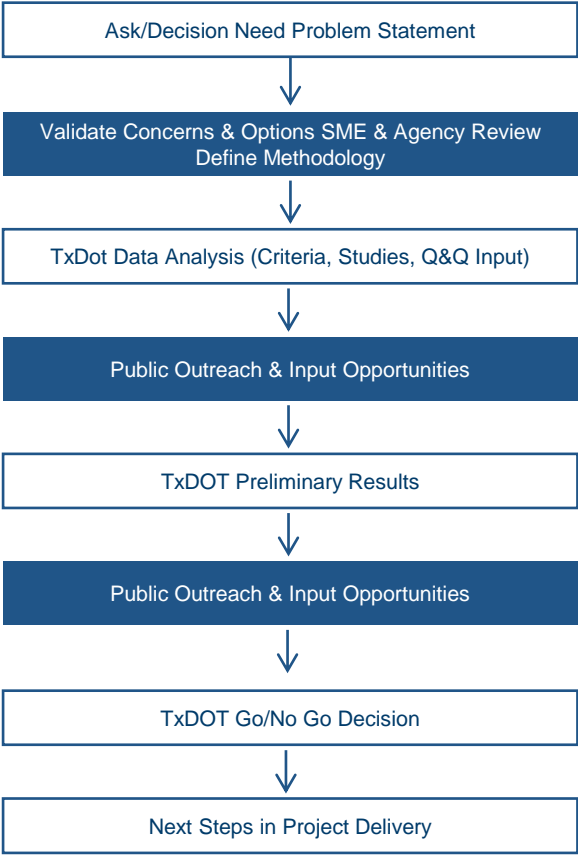
PUBLIC ENGAGEMENT & OUTREACH GOALS

PUBLIC ENGAGEMENT OPPORTUNITY CHECKPOINT

The goal is to ensure that the right meeting group(s) are engaged at the right time. This may require multiple meetings with different meeting groups to arrive at a decision.

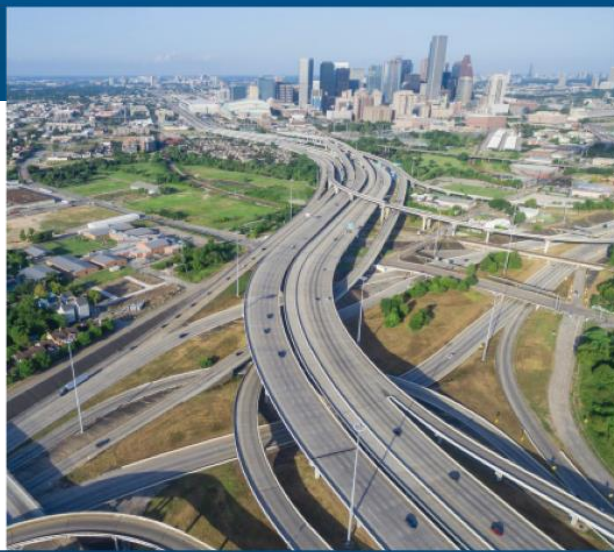


CONSENSUS-BUILDING PROCESS



PUBLIC ENGAGEMENT OPPORTUNITY CHECKPOINT

The goal is to ensure that the right meeting group(s) are engaged at the right time. This may require multiple meetings with different meeting groups to arrive at a decision.

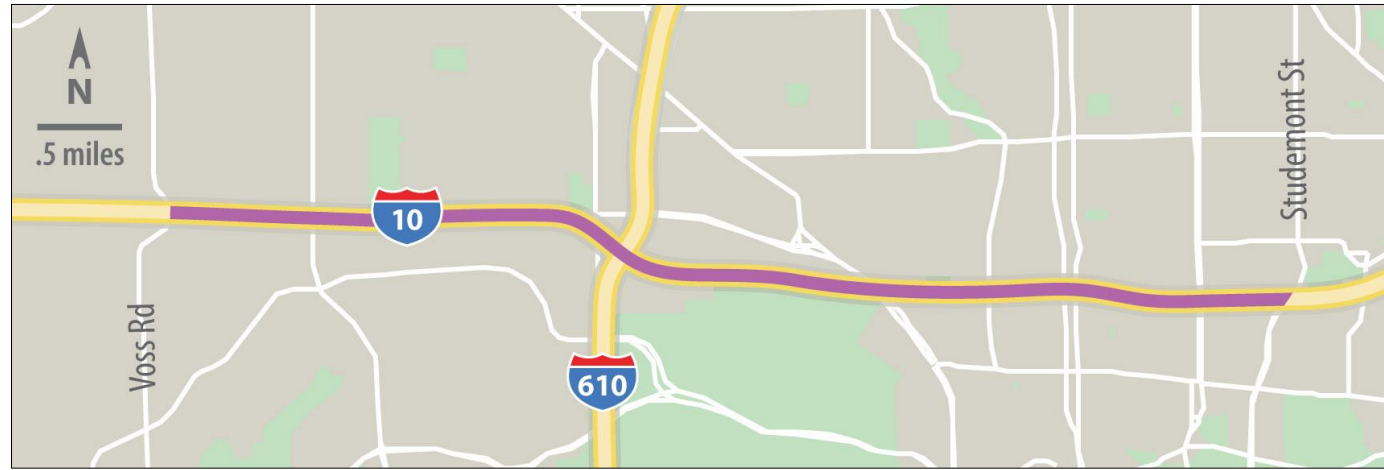


UPCOMING CONSULTANT CONTRACT PROCUREMENTS

TxDOT Houston District



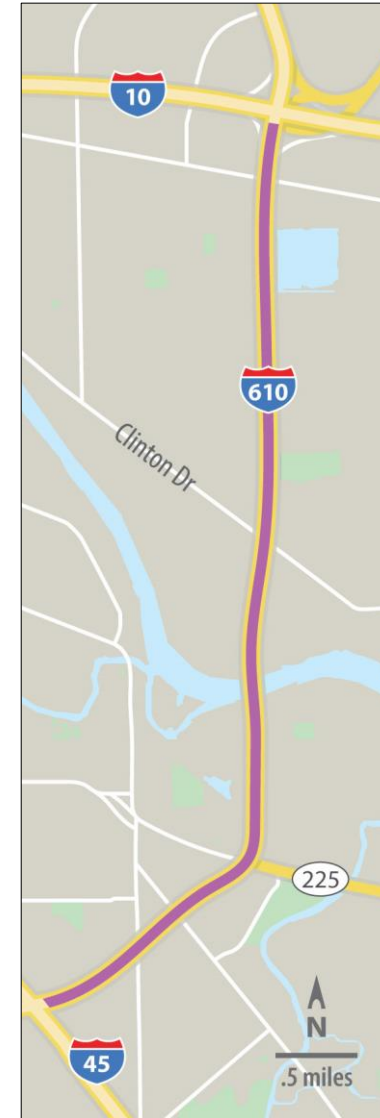
IH 10 - INNER KATY



- Target PEPS Wave: June 2023 / FY 23 Wave 4
- Contract Type: PS&E / Federal / Specific Deliverable
- Contract Amount: Approximately \$20M to \$30M per contract
- 3 SD Contracts:
 - Segment 1: East of Patterson to East of Studemont Street
 - Segment 2: Washington Ave to East of Patterson Street
 - Segments 3 & 4: IH 610 West to Washington Avenue & Voss Road to IH 610 West
- Anticipated Procurement Timeline:
 - Mid July 2023: RFP Posting
 - Early August 2023: Proposal Due
 - September 2023: Announcement Selections
 - March 2024: Contract Execution

IH 610 West - Ship Channel Bridge Replacement

- Target PEPS Wave: September 2023 / FY24 Wave 1
- Contract Type: Federal / Specific Deliverable
- Contract Amount: TBD
- General Scope Description:
 - Schematic
 - Environmental
 - PS&E
- Anticipated Procurement Timeline
 - Mid October 2023: RFP Posting
 - Mid November 2023: Proposal Due
 - January 2024: Announcement Selections
 - July 2024: Contract Execution



ADDITIONAL CONSULTANT PROCUREMENTS

➤ CEI

- September 2023 / FY24 Wave 1
 - Federal / Indefinitely Deliverable
 - 5 Contracts
 - Contract Amount: \$8M per contract
- December 2023 / FY24 Wave 2
 - Federal / Specific Deliverable
 - Contract Amount: TBD
 - 2 SD Contracts:
 - IH 10 West: West of Snake Creek to Fort Bend/Waller County Line
 - IH 10 West: FM 359 to Waller/Fort Bend County Line
- March 2024 / FY24 Wave 3
 - Federal / Specific Deliverable
 - Contract Amount: TBD
 - 1 Contract:
 - SH 105: Grimes County Line to SH 149

➤ CEI Continued:

- June 2024 / FY24 Wave 4
 - Federal / Specific Deliverable
 - Contract Amount: TBD
 - 1 Contract:
 - IH 45 South: South of Causeway to 61ST Street

➤ CPM Scheduling Support:

- December 2023 / FY24 Wave 2
 - Federal / Indefinitely Deliverable
 - 4 Contracts
 - Contract Amount: \$1.5M per contract

➤ Material Engineering:

- June 2024 / FY24 Wave 4
 - Federal / Indefinitely Deliverable
 - 4 Contracts
 - Contract Amount: \$1.5M per contract

ADDITIONAL CONSULTANT PROCUREMENTS

➤ Planning:

- September 2023 / FY24 Wave 1
 - Federal / Indefinitely Deliverable
 - 4 Contracts
 - Contract Amount: \$5M per contract
 - General Scope:
 - Traffic Modeling and Projections
 - Regional and Corridor Studies
 - Access Management Studies

➤ Schematic & Environmental:

- December 2023 / FY24 Wave 2
 - State / Indefinitely Deliverable
 - 7 Contracts
 - Contract Amount: \$7M per contract

➤ Signal Timing:

- March 2024 / FY24 Wave 3
 - State / Indefinite Deliverable
 - 5 Contract
 - Contract Amount: \$1.5M per contract

➤ Surveying:

- March 2024 / FY24 Wave 3
 - State / Indefinitely Deliverable
 - 20 Contracts
 - Contract Amount: \$2.0M per contract

➤ Traffic Engineering:

- June 2024 / FY24 Wave 4
 - State / Indefinitely Deliverable
 - 4 Contracts
 - Contract Amount: \$1.5M per contract



Heads up, Texas

TALK / TEXT CRASH

Don't
mess with
Texas

IF YOU
LOVE IT,

CLICK IT

BE SAFE. DRIVE SMART. TxDOT

#EndTheStreakTX

End the streak of daily deaths
on Texas Roadways.

THANK YOU!

Varuna A. Singh, P.E.

Deputy District Engineer
TxDOT Houston District



TEXAS DEPARTMENT OF TRANSPORTATION