I-45 NHHIP Segment 3B-1
Initial Construction Project

For additional information about the project, visit us online at: **www.txdot.gov/nhhip**

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SEGMENT 3B-1 OVERVIEW

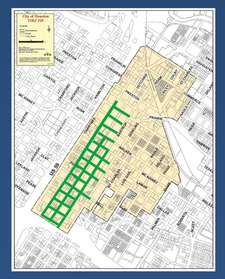
PACKAGE 1, DRAINAGE IMPROVEMENTS ALONG ST. EMANUEL STREET TO BUFFALO BAYOU (3B-1)

- Construction of drainage outfall to Buffalo Bayou (including drainage box culverts and detention pond), and reconstruction of St. Emanuel St.
- Contract Awarded June 2024
  - Project Cost: $121.8 Million
  - Contractor: Harper Brothers Construction
  - Construction is anticipated to start October 2024.
  - Anticipated completion in 2027
- Active public engagement and will continue through construction completion

SEGMENT 3B-1 OUTREACH

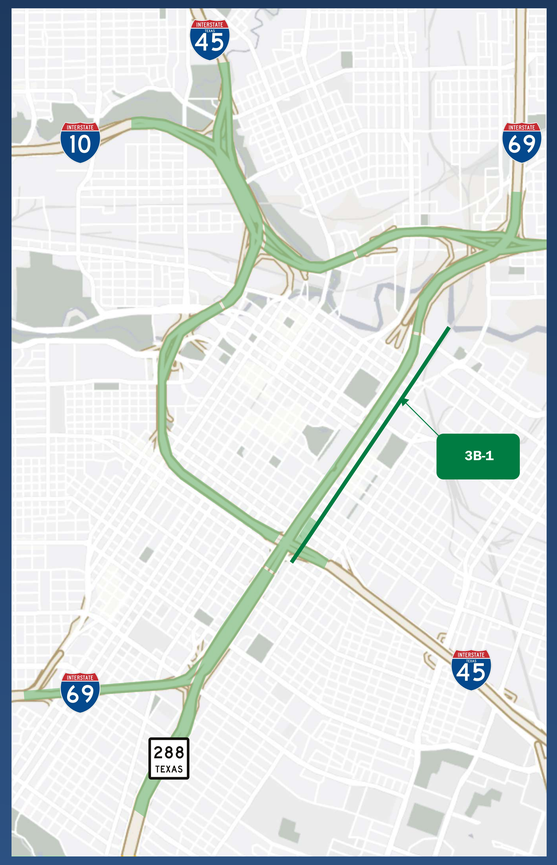
- TxDOT meeting with St. Emanuel Street business owners, February 2024.

SEGMENT 3B-1 LANDSCAPING PLAN



- Landscape architects will coordinate with stakeholders on final landscape design
- Working with City of Houston on tree removal and mitigation permit
- Landscape will be a separate contract, and will follow the roadway and drainage construction
- TIRZ preferred tree mitigation areas are highlighted in green, TxDOT will investigate tree location feasibility
- Tree removal follows utility relocation, not construction
- Tree removal will be phased

SEGMENT 3B-1 PROJECT MAP



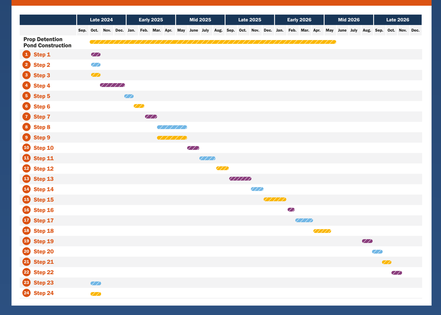
KEY INFORMATION & PROPOSED CHANGES

UTILITY RELOCATION STEPS
22 months
October 2024 - August 2026

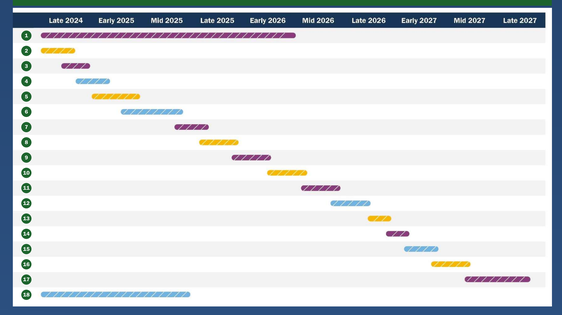
CONSTRUCTION STEPS
38 months
October 2024 - December 2027

1. Detention Pond A & Runnels
2. Chartres from Canal to Runnels
3. Canal at Chartres
4. North of Commerce (midblock) to south of Canal
5. North of Congress to north of Commerce (midblock)
6. North of Texas St. (midblock) to north of Congress St.
7. North of Capitol to north of Texas St. (midblock) – does not include the Texas intersection
8. North of Walker to north of Capitol
9. North of McKinney to north of Walker
10. North of Dallas to north of McKinney
11. North of Polk (midblock) to north of Dallas
12. North of Clay to north of Polk (midblock); Hamilton storm sewer crossing parallel to Polk
13. North of Bell (midblock) to north of Clay
14. North of Leeland (midblock) to north of Bell (midblock)
15. North of Pease (midblock) to north of Leeland (midblock)
16. North of Jefferson (midblock) to north of Pease (midblock)
17. North of St. Joseph (midblock) to north of Jefferson (midblock)
18. McIlhenny intersection; tunneling from McIlhenny to Gray; full construction north of Gray to north of St. Joseph (midblock)

UTILITY PHASING SCHEDULE



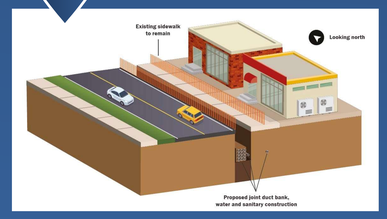
CONSTRUCTION PHASING SCHEDULE



SEGMENT 3B-1 CONSTRUCTION PROCESS

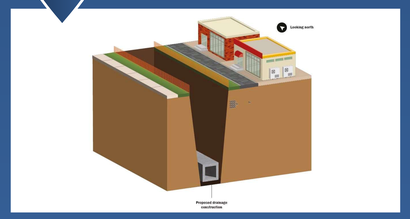
EXISTING TYPICAL SECTION (BEFORE CONSTRUCTION)

STEP 1 UTILITY CONSTRUCTION

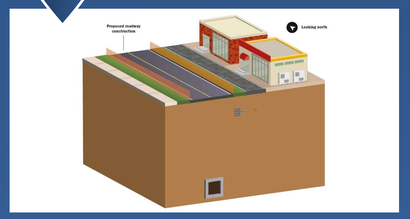


STEP 2 PEDESTRIAN REALM CONSTRUCTION

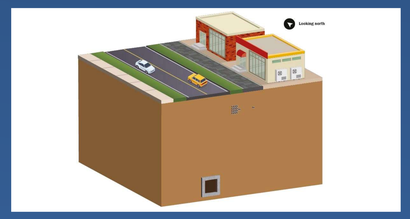
STEP 3 DRAINAGE BOX CONSTRUCTION



STEP 4 ROADWAY CONSTRUCTION



TYPICAL SECTION (AFTER CONSTRUCTION)



* This is the final condition for 3B-1 but St. Emanuel will ultimately be a one-way northbound street after Project 3D construction.