



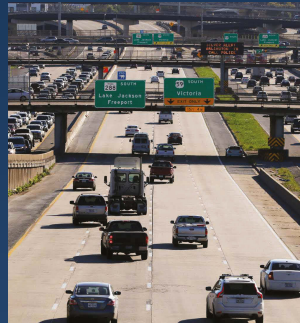
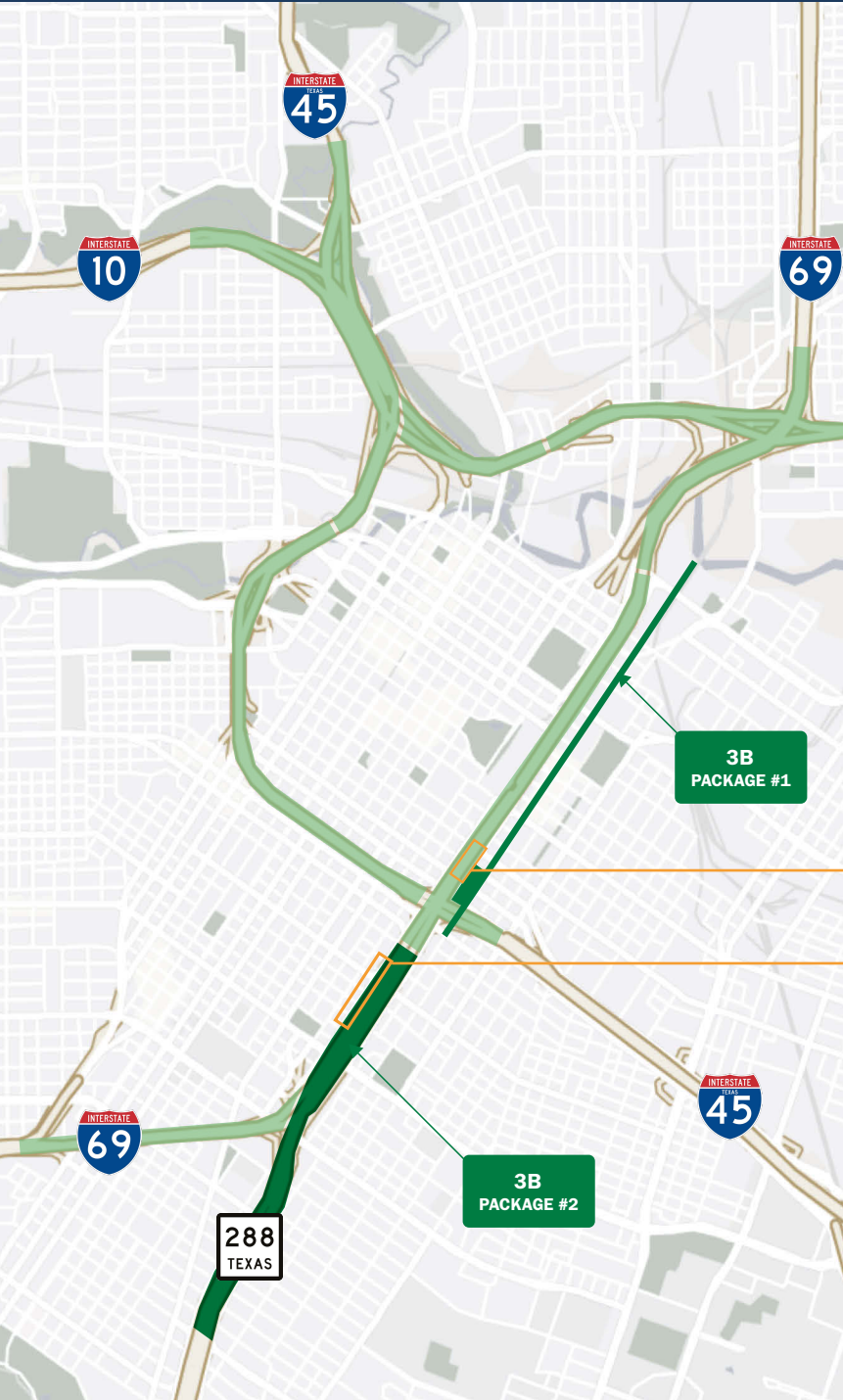
I-45 NHHIP Segment 3B Initial Projects in Detail Design

For additional information about the Project, visit us online at: www.txdot.gov/nhhp



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SEGMENT 3B OVERVIEW

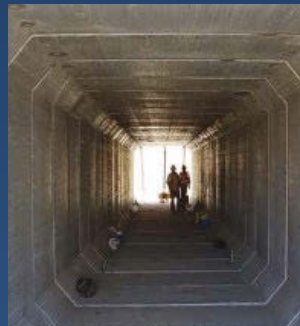
3B to be separated in two separate design packages

PACKAGE #1

- Construction of pump station, drainage outfall to Buffalo Bayou (including detention pond), and reconstruction of St. Emanuel Street.

PACKAGE #2

- Reconstruction of SH 288 / I-69 interchange with depressed mainlanes.
- Construction of direct connectors from SH 288 to I-69.
- Reconstruction of cross streets for Elgin, Tuam & McGowen Streets as arch bridges.

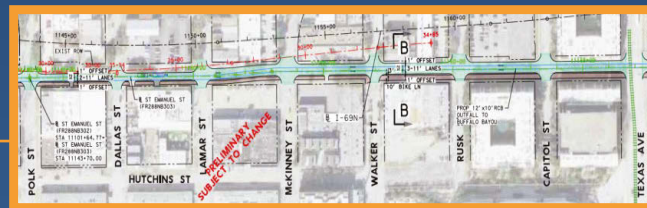


ST. EMANUEL STREET DRAINAGE IMPROVEMENTS

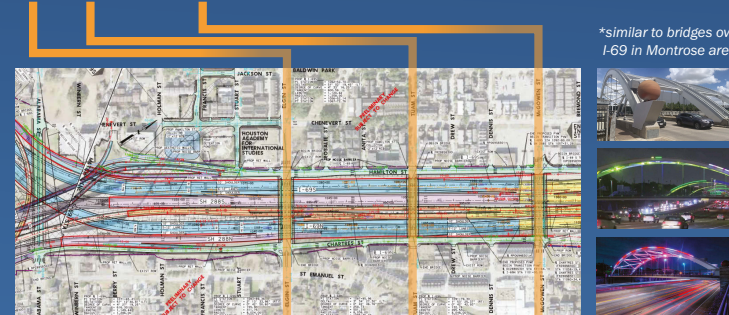
Package 1, drainage improvements along St. Emanuel Street to Buffalo Bayou (3B)

- Estimated Construction Cost: \$152M
- Construction anticipated to begin in 2024, completion in 2027.
- Installation of 12' x 12' box culverts to capture water during heavy rain events.
- Active public engagement will continue through construction completion.

ST. EMANUEL STREET PLANS FOR RECONSTRUCTION



Cross street reconfiguration for arch bridges at Elgin, Tuam, and McGowen Streets



OVERALL DRAINAGE SEGMENT 3 IMPROVEMENTS

- New Hamilton Connector will increase capacity to keep stormwater off streets.
 - Will take floodwater to detention pond on former Clayton Homes property and release into Buffalo Bayou over extended time.
- Purple boxes show areas where floodwater will be redirected to new systems.



NHHIP SEGMENT 3B-2 I-69/SH 288 IMPROVEMENTS

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

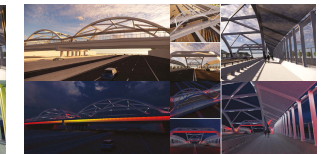
- Estimated Construction Cost: \$496M
- Construction anticipated to begin in 2025, completion in 2030.
- Active public engagement will continue through construction completion.
- Opportunity for arch bridges to incorporate signature design reflecting community input.

BRIDGES: THE ART OF THE POSSIBLE

ALTERNATIVE 1: LEANER



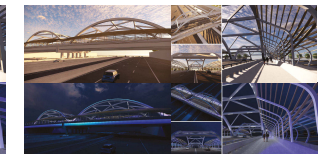
ALTERNATIVE 2: WISHBONE



ALTERNATIVE 3: SINE WAVE



ALTERNATIVE 4: RIPPLE



The primary objective of constructing the arch bridge is to ensure a safe passage over the freeway. In addition to serving this crucial function, the new arch bridges present a unique opportunity to reconnect the urban core communities. These bridges also open avenues for artistic expression, allowing communities to contribute feedback on various aesthetic elements actively. The Art of The Possible enables this collaborative process to transform the bridges into iconic entry points for historic communities.

The arch bridge themes above showcase potential designs that TxDOT can fund and construct. However, it's important to note that specific aesthetic features, such as pedestrian/cyclist shade canopies, and lighting, will require non-TxDOT funding sources. You can either utilize the QRC or fill out a comment form to provide feedback.

