



SH 288 TOLL LANES PROJECT

ALTERNATIVE DELIVERY PROGRAM

DEVELOPER: Blueridge Transportation Group



IH 610 at SH 288 interchange



SH 288 corridor

SUCCESS STORY

✓ CDA DESIGN-BUILD BENEFITS

The flexibility of CDA design-build allowed the CDA Developer to propose \$180 million of additional improvements that would have otherwise been funded by the state as a future project.

✓ ACCELERATED DELIVERY

Approximately 75% of the ultimate IH 610 interchange was constructed as part of the project.

✓ DBE PARTICIPATION

20.7% DBE participation achieved - Almost 9% over the contract goal.

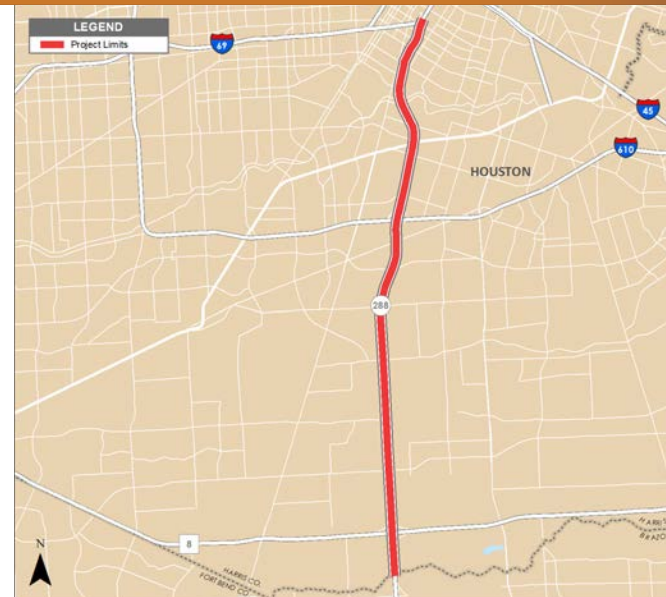


CDA PROJECT EFFICIENCIES

- Private financing resulted in minimal cost to the State and allowed TxDOT to accelerate delivery of the project.
- Benefits of accelerated delivery.
 - Earlier use of the facility.
 - Congestion relief.
 - Travel time savings.
 - Availability of state funds to be used on other projects.

LESSONS LEARNED

Developer used change order negotiations to mitigate the financial impact of risks requiring subject matter expertise working with O&M cost models to be available to help TxDOT negotiate change proposals.



PROJECT DESCRIPTION

FROM: US 59 **TO:** Clear Creek at the Harris County Line

- 52-year toll concession public-private partnership (P3) agreement.
- Four tolled lanes (two in each direction) in the median of SH 288.
- Interchanges at Beltway 8 and IH 610 each with eight direct connectors.
- Two direct connections at Holcombe Blvd for enhanced connectivity to the Texas Medical Center.

LANE MILES:
103

TOTAL CONTRACT VALUE
\$845 million

PROJECT ENHANCEMENTS

- Construction of additional improvements at the IH 610 interchange.
- Relocated the SH 288 Toll Lanes at grade and located horizontally between the existing general purpose lanes.
- Eliminated fifth level structures at the IH 610/SH 288 interchange.
- Enhanced connectivity to and from the toll lanes to the IH 610 Interchange general purpose lanes.



Signature Pedestrian Bridge at Southmore Blvd. added to the project after collaborating with the local community.

BENEFIT TO TxDOT OF CDA DELIVERY

- Financing - TxDOT is able to share in additional savings generated by the Developer's future refinancings.
- Traffic and Revenue - Developer had the revenue demand risk associated with traffic not meeting projections.
- Defects - Developer is obligation to fix defects due to errors in design or construction.
- Future maintenance - Must meet defined performance requirements and maintenance obligations.
- Hand back requirements - Facility must meet specific conditions after the maintenance term.
- Toll collection - Transfer toll collection risk to the Developer.

PROJECT BENEFITS/VALUE

- TxDOT has no debt liability for this project.
- CDA provides a revenue sharing mechanism that allows TxDOT to benefit from increased usage of the facility.
- Reduced carbon print due to reduction of congestion (estimated at 10-20 min for up to 150K vehicles/day).
- Handback requirements provide added value to TxDOT because the Developer must maintain the facility throughout the long-term lease to ensure it meets performance requirements for transfer of facility back to TxDOT.