


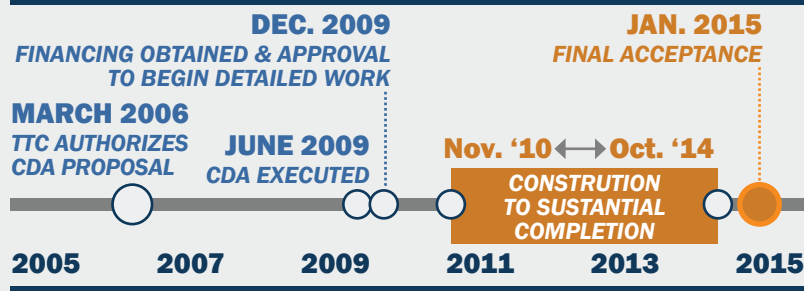




SUCCESS STORY

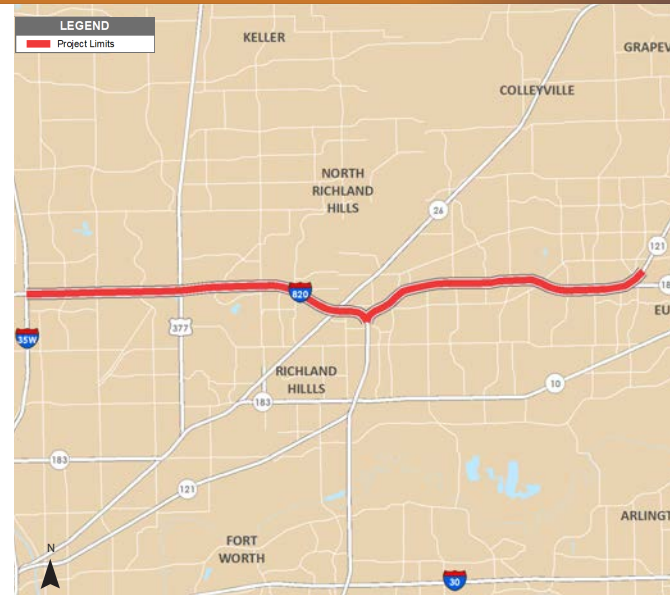
INNOVATIVE FINANCING

-  TxDOT utilized \$573 million of public funds and \$650 million in federal financing to receive approximately \$2.5 billion for infrastructure redevelopment and management.
-  Innovative financing package that included PABs and TIFIA credit assistance.
-  The project was the first transportation infrastructure project in the U.S. with direct investment by a pension fund.
-  TxDOT would have needed an additional \$1.4 billion in available funds to deliver the project without private financing. TxDOT's ability to leverage private funding advanced the improvements 10 years faster than using traditional methods.



QUALITY MANAGEMENT

- The quality assurance (QA) firm played an integral part of the Quality Assurance Program for TxDOT and responsible for ensuring that TxDOT's interests was protected and a quality product was delivered.
- Meetings were held weekly with the QA firm to discuss and resolve issues as they occurred.



PROJECT DESCRIPTION

FROM: I-820 and SH-121/183 from I-35W

TO: SH-121 split and Industrial Blvd

- 13.3 mile providing 8 to 10 lanes throughout corridor.
- Two general purpose lanes, two managed toll (TEXpress) lanes in median area, and continuous frontage roads, almost doubling the existing roadway capacity.
- Segment 1 (I-820 from I-35W to Northeast Interchange): 6.4 miles.
- Segment 2W (Northeast Interchange to FM 157/Industrial Boulevard): 6.9 miles.

LANE MILES:

120

TOTAL CONTRACT VALUE

\$1,821 million



IH 820 and SH 121 at SH 183 Interchange

CDA EFFICIENCIES

- Comprehensive Development Agreement (CDA) Concession with long term lease through 2061.
- CDA provided TxDOT with a corridor approach to address current and future needs.
- Most of the construction and long term operations costs were paid using private funding in exchange for managed lane toll collection.

INNOVATION OPPORTUNITIES

- State-of-the-art electronic toll collection system with open architecture, ensured a seamless, free flow operation of the managed lanes.
- Managed lanes feature toll rates adjusted as traffic increases or decreases (dynamic pricing) to improve traffic flow.

OPTIMIZED RISK PROFILE

- The CDA model transfers Design, Construction, Operations, Financing, and Revenue risk to Developer in exchange for anticipated toll revenues.
- TxDOT acquired all ROW & performed all demolition within newly acquired parcels before starting construction phase.
- Completion of the relocation of the Oncor transmission lines before contract execution minimized the impacts to the project schedule.

VALUE

- Developer is responsible for annual routine maintenance costs of approximately \$1.18 million per year (FY2009 value) during 47 years of operations.
- TxDOT receives two additional non-tolled mainlanes no later than 2030 at no additional cost.
- The contract includes provisions for revenue sharing linked to the performance of the project.

BENEFITS / LESSONS LEARNED FOR THE ALD PROGRAM

- Utilized CDA authority to deliver a complex project via a public-private-partnership.
- Developer built, financed, operates and maintains project for 52 years while TxDOT maintains ownership and guaranteed performance standards at hand back.
- Enhanced language in contract documents to improve design submittal review process workflow.
- Clarified expectations and requirements in contract documents for the Quality Management of the design and construction activities.
- Modified contract documents to eliminate ambiguity and ensure consistency of requirements across the various contract documents.

AWARDS

- Infrastructure Journal's 2009 Global Transport Deal of the Year.
- American Road & Transportation Builders Association (ARTBA)'s 2010 and 2018 P3 Project of the Year Award.
- TxDOT Office of Civil Rights' 2013 Small Business Advocacy Award.
- ARTBA's 2014 PRIDE Award for Media Relations.
- ARTBA's 2014 Globe Award for its comprehensive Environmental Protection Program.
- ENR Texas & Louisiana's 2015 Best Project of the Year in the Highway/Bridge category.
- America's Transportation Awards for Western Region States' 2015 Under Budget Award.