

IH 635 (LBJ) at Town East Blvd. Mesquite, Texas

CobbFendley designed the relocation of electrical and telecommunications facilities for TxDOT's and the City of Mesquite's IH 635 joint roadway expansion project at Town East Blvd. This project made use of a unique design and construction method for the TxDOT Dallas District: it was the first time private utilities would be incorporated into a TxDOT plan, specifications and estimate package. In addition, CobbFendley coordinated the proposed relocation alignments for all public and private utilities within the project limits and scheduled these relocations into TxDOT's construction in an effort to minimize road closures and overall project costs.

This project required relocation of all utilities within the project limits due to the geometric requirements of Town East Blvd., drainage, and the new IH 635 bridge. The utility adjustments included a major 19-duct "backbone" route for AT&T, an 18-inch, high-pressure Atmos Energy gas line and peripheral connections, a three phase primary Oncor (formerly TXU Electric Delivery) circuit feeding the entire Town East business district, including Town East Mall, as well as all City of Mesquite water and sewer lines within the existing right-of-way. This project was extremely complex in nature due to the drainage requirements, right-of-way limitations, restrictions on working time, traffic control by the City and the Mall owner, and the proposed vertical alignment of Town East Blvd. CobbFendley worked with impacted utility and property owners to develop a coordinated solution for utility adjustments that benefited all parties involved by reducing overall costs and time impacts, and eliminating potential delays due to utilities.

CobbFendley prepared the construction plans, specifications, and estimates for Oncor's relocations, which consisted of an underground manhole and ductbank system with switch gear that was also placed underground for aesthetic purposes because it was within the mall property. The approximate cost of utility adjustments for this project was \$6 million. In addition, CobbFendley managed the development of all Utility Agreements.

