

Services Provided

*Civil Design*  
*Environmental*  
*Survey*

Date of Completion  
**2011**

Client  
*City of Cedar Hill*

Project Designer  
*Steve Hardy PE*  
Project Manager  
*Steve Hardy PE*

## **Cedar Hill Water Line Project, Cedar Hill, TX**

AZ&B's Project Manager was responsible for survey and design for a 24-inch water main in easements along northwest side of US Hwy 67 (Marvin D. Love Freeway) from Mt. Lebanon Road to Tidwell Street. The project involved 6,700 LF of a 24-inch water main, 17 legal descriptions prepared for easement acquisition and a railroad crossing permit from the Burlington Northern Santa Fe railroad. This project also included the installation of a 24-inch water valve on the existing 24-inch concrete cylinder water main in Houston Street at Robinson Road in Cedar Hill.

## **30-Inch Water Main from Wintergreen Road to Meadowcrest Ground Storage Facility, Cedar Hill, TX**

AZ&B was responsible for survey and design, construction plans and specifications for a 30-inch water main in easements along northwest side of US Hwy 67 (Marvin D. Love Freeway) from the 96-inch water main in Wintergreen Road to existing ground storage tanks at the Cedar Hill Meadowcrest site.

- ✓ Design of a metering station to measure and bill for water consumption by the City of Cedar Hill and a pressure reducing valve to prevent cavitation of the valves in the meter vault.
- ✓ AZ&B conducted an alignment study, and recommended a revised alignment in a proposed easement through private property that reduced the length of the project
- ✓ Saved construction costs, due to the reduced length and the avoidance of construction in a paved roadway. The low bid for construction of the project came in below the cost estimate prepared by AZ&B.

