



SEASON'S GREETINGS

We are grateful to the clients and associates who have contributed to an enjoyable and successful year for the staff at Grantham & Associates.

COMPANY UPDATE

❁ Projects were initiated with four new municipal clients: Fairview, McKinney, Mesquite, and Richardson's Capital Projects Department.

❁ New projects were initiated with five long standing municipal clients: Addison, Allen, DeSoto, Garland, and Rowlett.

❁ A third survey crew was mobilized through in-house staff training and the purchase of new Trimble survey equipment.

❁ Chris Robinson, E.I.T., was promoted to the position of Operations Manager at G&A.

❁ Bert Grantham remains cancer free. Thank you for your ongoing prayers and many acts of kindness.

PROJECT HIGHLIGHTS

The following selected projects illustrate the diversity of G&A's engineering and surveying assignments in 2006.

Dexham Road Lift Station & Utility Improvements . . . after starting work on a 7.2 M.G.D. upgrade to the City of Rowlett's largest lift station at Dexham Road, G&A's design team found an alternative gravity sewer solution that saved several million dollars in capital cost alone. The final plans included 3,900 linear feet of 24-inch and 36-inch sanitary sewer line in Miller Road and Dexham Road, 5,700 linear feet of 12-inch water main in Dexham Road, and 3,500 linear feet of 16-inch water main in Miller Road.

Zion Road, I.H. 30 to Candlestick Drive . . . a 3,100 linear foot road widening project that replaced two lanes of asphalt paving and bar ditches with four lanes of undivided concrete paving and a closed storm sewer system. The drainage improvements included the widening of a large multiple box culvert. Utility improvements replaced old water mains and upgraded a sanitary sewer line. Numerous franchise utilities were relocated.

PROJECT HIGHLIGHTS, CONT'D.....

DTEG-3 Relief Sewer / Talisman Drive . . . approximately 10,000 linear feet of new sanitary sewer line was designed ranging in pipe size from 6 inches to 21 inches. Construction methods included open cut, pipe bursting, and boring and jacking. The project also included storm sewer and paving improvements for Talisman Drive. Permits were obtained from a railroad company, DART, and TxDOT.

Collin County Outer Loop . . . a property and topographic survey as part of an alignment study to establish a 200-foot wide, five mile long road right-of-way from U.S. 75 to S.H. 121 south of Anna and north of Melissa.

Spring Creek Basin Wastewater Renovations . . . the implementation phase of a previous Inflow & Infiltration study that included plans and bid documents to replace approximately 1,300 linear feet of sanitary sewer line, to rehabilitate 73 manholes, and to install 2,300 linear feet of cast-in-place-pipe.

POINTS TO PONDER

- ❁ “Faithless is he that says farewell when the road darkens.” – *J. R. R. Tolkien (1892-1973)*

- ❁ “By perseverance the snail reached the ark.” – *Charles Haddon Spurgeon (1834-1892)*

- ❁ “Even if you’re on the right track, you’ll get run over if you just sit there.” – *Will Rogers (1879-1935)*

❁ **MERRY CHRISTMAS AND A HAPPY NEW YEAR!** ❁



Grantham & Associates, Inc.