



Christmas Greetings



Grantham & Associates, Inc. is sincerely grateful to the clients and employees who helped make 2017 an enjoyable and successful year.

COMPANY UPDATE

- ❖ G&A launched a new website to celebrate fifteen years of business including seven years at its office on Naaman Forest Boulevard, near Highway 190 and Campbell Road in Garland.
- ❖ Explorer Pipeline continued to retain G&A for engineering and surveying services along the proposed 27-mile TEX Rail commuter line between DFW Airport and downtown Fort Worth where its petroleum product pipeline was in conflict.
- ❖ G&A undertook its first project for the City of Heath with the surveying and design of paving and sanitary sewer improvements to Craig Drive and Drew Lane.
- ❖ G&A provided engineering and surveying services to EDENS for civil site improvements at multiple shopping centers.

PROJECT HIGHLIGHTS

The following projects represent the diversity of G&A's engineering and surveying work in 2017:

FY 17 Substandard Utility Replacement . . . replacement of substandard utilities at various locations including approximately 9,500 linear feet of water lines and 8,900 linear feet of wastewater lines for the City of McKinney. The scope included an assessment of the best construction method to utilize at each location with open cut, bore and jack, pipe bursting, directional drilling, and slip lining being considered. The project also included approximately 4,000 linear feet of street rehabilitation.

Edgewater Lift Station Replacement . . . the City of Rowlett approached G&A to prepare an engineering proposal for the Edgewater Lift Station rehabilitation. The firm's staff suggested an alternative study, which the City approved, to determine if the lift station could be replaced with a gravity sewer. Following the successful study, G&A prepared plans for the preferred sewer alignment which crossed a residential lot, the Lake Ray Hubbard Take Area, and S.H. 66. G&A also prepared permanent and temporary construction easements and worked with the property owners and the City of Dallas to obtain signatures. The lift station was decommissioned as part of the construction.

Fish Creek Road Paving and Drainage Improvements . . . an alignment study and preliminary plans for one mile of three-lane undivided roadway with a dual center turn lane began in April for the City of Grand Prairie. A traffic study identified additional turn lanes at the Belt Line Road and I.H. 20 intersections, and a chicane layout was prepared for the approaches to a 90-degree bend. After the City approved development plans for an adjacent charter school, G&A was authorized to begin the final design in July on an accelerated schedule. Proactive coordination with franchise utility representatives was maintained from the outset to drive their relocation design and construction schedules. Competitive sealed proposals were opened in November and construction started in December.

PROJECT HIGHLIGHTS, CONT'D

Centerville Road Pavement Rehabilitation and Replacement . . . G&A initially performed a pavement assessment of approximately 14,200 linear feet of Centerville Road between S.H. 66 and Broadway Avenue for the City of Garland's Street Department. Rehabilitation and replacement alternatives were then evaluated, and recommendations were matched with the various types and degrees of pavement damage. The City subsequently executed a Texas Smart Buy purchase order with URETEK USA for deep polymer injection where the pavement had faulted, but the panels remained in good condition. The final phase of work involved panel replacement for which G&A prepared plans and specifications that included drainage improvements where needed to correct ponding problems.

STAFF SPOTLIGHT



In January of this year, Bruce Grantham and Basilio Villarreal celebrated 20 years of working together. Basilio earned a Bachelor's Degree in Industrial Technology from the University of North Texas before joining Bruce in 1997 as a CAD technician at GBW Engineers. He became one of G&A's founding employees in 2002 and serves as the firm's leading CAD designer. Basilio is also a talented photographer and his images appear on G&A's website. Basilio's wife Lori is Executive Director of the Wylie ISD Education Foundation, and their son Jake is active in football, soccer, track, and cross country.

POINTS TO PONDER

"If you're alive, there's a purpose for your life."

~ Rick Warren

"The swift wind of compromise is a lot more devastating than the sudden jolt of misfortune."

~ Charles Swindoll

"The more you lose yourself in something bigger than yourself, the more energy you will have."

~ Norman Vincent Peale

"Though no one can go back and make a brand new start, anyone can start from now and make a brand new ending."

~ Carl Bard



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