

McKinney Replaces Water Main

The City of McKinney was forced to sustain substantial costs for ongoing maintenance and repairs to the water mains that were substandard in size and condition and had exceeded their design life. RJN Group, Inc. assisted the City by designing the necessary improvements to the water mains.



The project included design and replacement of 10,000 linear feet of water main. Services provided included:

- Pre-work conferencing (planning, design criteria, scheduling, and key personnel discussions)
- Conceptual design
- Topographic survey
- Geotechnical investigations
- Preliminary design
- Final design
- Opinion of probable construction costs
- Obtaining TxDOT permits (5)
- Preparing easement descriptions (1)
- Specifications
- Design plans
- Construction services (receipt of bids and preparation of construction contracts)

Through contracting with RJN, the City received timely and accurate survey and design services, leading to an increase in infrastructure serviceability and reduction in long-term maintenance costs.