

Services Provided

Surveying
Civil Design
Survey

Date of Completion

On-going

Client

Dallas Public Works

Project Designer

Steve Heniford PE
Steve Hardy PE

Project Manager

Steve Heniford PE

Dallas Public Works Seven Street Replacement Projects

AZ&B is providing surveying and engineering design services for the reconstruction of seven streets in Dallas. The street projects range in size and complexity. Specific issues that must be resolved include design in residential and commercial areas; resolving current design with future plans for the area where the street is planned to be reconstructed; stream crossings and rail crossings.

- ✓ Developed preliminary design reports, undertaking the project survey and preparation of plans and specifications in a manner that will allow the City to prepare procurement documents.
- ✓ Prepared construction plans for water main replacement, grading, storm drainage and pavement design. The design includes all driveway turn-outs within the project limits, all intersecting streets to the end of the curb return and sidewalks on each side of the street.
- ✓ Designed drainage for each segment will at a minimum consist of a drainage area map and runoff and gutter flow calculations. When extensions to the existing drainage system were warranted, hydraulic pipe calculations and storm sewer plan and profiles were provided.
- ✓ Prepared a baseline Stormwater Pollution Prevention Plan (SWPPP). This baseline SWPPP contained an erosion control plan and the details and verbiage needed by the Contractor to transform the baseline plan into a working SWPPP.
- ✓ Designed replacement of the existing water and wastewater mains. The water and wastewater main replacements were extended far enough to clear the proposed paving at all intersections.
- ✓ Plans were prepared in accordance with the City of Dallas 'Exhibit A', "Survey and Design Specifications". CAD standards for all water and wastewater sheets will be in accordance with Dallas Water Utility (DWU) standards.

