

Services Provided

*Civil Design
Environmental
Survey*

Date of Completion

On-going

Client

Dallas Water Utilities

Project Designer

Steve Hardy PE

Project Manager

Steve Hardy PE

Environmental Lead

Charles Sharkus PE

120-Inch Water Line for DWU along IH 20, Dallas, TX

AZ&B is designing a 2.5-mile segment of the 120-inch water pipeline for the Dallas Water Utilities for the project generally located between J.J. Lemmon Road and Haymarket Road, exact limits to be determined. AZ&B is upgrading the existing schematic design plan into profile sheets suitable for construction.

- ✓ Reviewed plans for compliance with DWU Design and Drafting Standards and modify plans as required.
- ✓ Prepared construction notes as required
- ✓ Change elements to the proper levels to comply with DWU Drafting Standards.
- ✓ Reviewed the alignment for horizontal and vertical PI's and add notes as required calling for bends or bevels.
- ✓ Verify that the angle of the PI matches the angle for the bend or fitting as calculated by Geopak and add construction notes for proper fittings, bevels, etc.

AZ&B is also responsible for conducting environmental assessments for the 120-inch water line that is located in Dallas City. The phase 1 assessments were conducted to determine if there were any environmental issues that required further analysis before the final route was selected and property procured. Over 75 parcels were examined for this project.

- ✓ Evaluated site maps for potential hazardous waste sites near properties
- ✓ Conducted field inspections of the properties
- ✓ Interviewed current property owners to determine if there are any historical uses of the property that would be potential environmental concerns
- ✓ Prepared Phase 1 assessments with recommendations

