

Services Provided
Surveying

Date of Completion
2011

Client
*DCTA
NTRG*

Project Surveyor
E David Utzman RPLS
Project Manager
E David Utzman RPLS

Denton County Authority A-Train

The rail line is approximately 21 miles long from Denton to Carrollton. Five stations were built in Denton County to serve passengers. The completion of the rail line occurred simultaneously with Dallas Area Rapid Transit's completion of its Green Line to Carrollton. This allows passengers on the A-train to transfer to light rail, at a transfer station located at Trinity Mills Road in Carrollton, to travel to downtown Dallas and other transit points in the North Texas region. AZ&B provided survey support for the construction of the track, associated utilities, drainage structures, bridge piers and the five station platforms and three park and ride areas for the construction layout of the 21 mile A- for the North Texas Rail Group.

AZ&B provided complete survey support for the construction of the track, associated utilities, drainage structures, bridge piers, caps, beams, bridge decks and the five station platforms and three park and ride areas for the construction layout of the 21 mile A-Train for the North Texas Rail Group. While not all inclusive, AZ&B provided the following survey support services:

- ✓ Survey control verification and densification
- ✓ Utility relocations
- ✓ Clearing, grubbing and grading operations, including preparation of grading models for machine control
- ✓ Drainage structures and overall grading including, sub-ballast, ballast and final track grades
- ✓ Intersection improvements
- ✓ Bridges including, piers, bents, pier caps, beams, bridge decks and associated improvements
- ✓ Station platforms, utilities, parking and station improvements
- ✓ Final track grades and As-builts
- ✓ Operation and Maintenance Facility

