

Services Provided

*Civil Design  
Construction  
Coordination*

Date of Completion  
**2015**

Client  
*City of Plano*

*DART*

Project Manager  
*Steve Heniford, PE*

## 15<sup>th</sup> Street Signal House Relocation, DART/City of Plano, Plano Texas

AZ&B provided design and plans for the 15<sup>th</sup> Street Signal House Relocation project in the City of Plano, Collin County Texas. The project entailed relocating an existing 12' x 10' DART LRT signal control facility to accommodate the development of a high rise condominium in the old downtown portion of the city.

This project required extensive coordination with DART systems and signals personnel as well as City of Plano staff. This was a highly visible project with multiple liability issues due to the crane operation with close proximity of the high rise building, potential loss of revenue train operations and street closures necessary to do the work.

AZ&B researched DART and City of Plano record drawings to ascertain the existing conditions and facilities within the project area. We prepared plans for civil improvements, structural modifications and system and signal cabling modifications to bring the signal facility back into operation in its new location. The sequence of the construction was broken into three phases. The first phase included all work necessary to prepare the new facility location for acceptance of the existing structure.

The second phase included actually moving the structure from its existing location to the newly prepared location and doing all cable modification work to bring the facility back into service. This phase had to be completed within the 3-day Labor Day Weekend so DART's revenue service would not be severely impacted. The last phase included the remaining work to finalize the project including relocation of ADA parking spaces.

The project was completed successfully per the plans and specifications ahead of schedule.

