

CenterPoint Electric - Metro Downtown Project Houston, Texas

CobbFendley designed the CenterPoint Electric (CNP-E) relocation in conjunction with the Metro Downtown project for Segments 5A and 5B on Capitol and Rusk between IH 45 and San Jacinto. CobbFendley provided engineering design services for the construction of multiple duct banks. Traffic control plans and construction details were provided for this project. Since this location is in the heart of Downtown Houston, designing large CNP-E duct banks involved many civil engineering challenges. A zero lot line setback around entire buildings complicated the service connections. CobbFendley coordinated with the building owners to determine the service connection locations in the basement of these buildings.

To minimize impact on automobile and pedestrian traffic, and to minimize the impact on landscape and brick/stone pavers, CobbFendley created design using construction methods like box tunneling and horizontal direction drilling. CobbFendley was successful in permitting the plan set through the City of Houston, TxDOT, METRO and the Downtown Management District.

Completion Date:
April 2012

