

Installer: Ram Jack of Tennessee · Milan, TN · 731.686.0370



SITUATION

January 2013, Memphis, TN International Airport released a bid to Inman Construction for upper/linner structural upgrades to the front entrance of the airport. Inman Construction contacted Ram Jack of TN for a bid pertaining to 28 pre-construction piles to support the new columns Inman Construction were going to be installing. Ram Jack put together a bid and was awarded the job in March 2013.

SOLUTION

Ram Jack of TN worked with Darin Willis, P.E. to design the piles per loads provided by A2H Engineers out of Memphis, TN. 2 7/8" double helical plates were installed with 7,800 foot-lbs of torque with 8"x8"x3/4" new construction brackets to support the required loads.

CONCLUSION

The piles were installed in 4 phases. All the piles had to be installed between the hours of 11:00 p.m. to 7:00 a.m. Ram Jack of TN installed 6 to 8 piles per phase. The embedment depth of the piles ranged from 30'-40' below grade. Piles were installed within 16 hours and everything went as planned. The inspector for A2H Engineers made the comment: "Another flawless job performed by Ram Jack."