

# Dwyer Case History



**Project Name:** Medplus  
**Owner:** Duke Realty  
**G.C.:** Duke Construction

**Structural Engineer:** Mueser Rutledge Consulting Engineers

**Project Type:** Underpinning, Push Piers

**Location:** Cincinnati, OH

## Project Description:

This building settled due to poor fill and improper compaction at the time of construction.

Dwyer designed, engineered, and installed 20 Push Piers to stabilize the existing column footings. The affected areas settled 3". Due to the loads, size of the footings, and the panel connections, Dwyer modified its original angle bracket to a reverse angle bracket that was affixed to the tilt up panels and to the top of the footings. These brackets reduced the influence of eccentricity on the footings and eliminated the need to cut all the footings. Dwyer also installed counter balanced footings to center the load. This job was successfully completed on June 25, 2005.



***Underpinning & Push Piers***

