

TIEBACK ANCHOR WALL STABILIZATION



Lancaster General Hospital in Lancaster, Pennsylvania

After almost 30 years of satisfactory performance, a curved, cantilevered, reinforced concrete, retaining wall which supports the main hospital entrance driveway experienced as much as 9 inches of horizontal tilting over its exposed height of 13 feet. Teamed with the tieback anchor contractor for this design/build project, Peirce Engineering, Inc. designed the tieback anchors and the improvements to the wall drainage system in order to relieve hydrostatic pressure, eliminate ice pressure build-up, and prevent further wall movement.

OWNER: Lancaster General Hospital
Lancaster, Pennsylvania

OWNER'S ENGINEER: Ewing Cole
Philadelphia, Pennsylvania

TIEBACK East Coast Remodeling
Contractors

CONTRACTOR: Linwood, New Jersey



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1220 Valley Forge Road, Suite 14
Phoenixville, PA 19460

Ph: (610)933-8353

Fax: (610)933-8359

mail@peirceengineering.com