

Compression Load Test On A Pile Using Reaction Anchors

Abstract

[001] The present invention provides a compression load test (100, 100a) on a test pile (110) using two or more reaction anchors (120). A plurality of transfer beams (150a, 150b, etc.) are arranged in a reverse triangle or pyramid formation so that forces on each transfer beam are distributed, and the top transfer beam is connected to tension members (130) erected on the reaction anchors (120). A test load is applied directly on the test pile (110) by jacking the transfer beams formation against the tension members (130) or indirectly on the test pile (110) by jacking on the transfer beams formation against a bearing plate (134) disposed in an aperture (132) formed in each tension member (130).

[002] FIG. 2A for publication.