

ITEM 551.5022 17 - STATIC PILE LOAD TEST

DESCRIPTION

The work shall consist of furnishing all testing materials and equipment and performing a static pile load test on the pile indicated in the contract documents or where directed by the Engineer. The work shall be done in accordance with the requirements of the current version of the Geotechnical Control Procedure, GCP-18, Static Pile Load Test Manual.

Engage the services of a Professional Engineer, experienced in all aspects of pile load testing and acceptable to the Deputy Chief Engineer Structures (D.C.E.S.) to perform the load tests and to prepare reports of test results, as outlined in GCP-18. The Contractor's agreement with the Professional Engineer shall provide for additional technically qualified personnel to be at the test site at all times during testing to assure that loads are being maintained and to record data.

In instances where the pile being tested is a Contractor Designed Micropile, the work shall also include the installation of the test pile.

MATERIALS

These shall be as required by GCP-18.

CONSTRUCTION DETAILS

A Contractor Designed Micropile test pile shall be installed in accordance to the Micropile (Contractor Designed) specification.

The pile shall be tested in accordance with the requirements of GCP-18.

METHOD OF MEASUREMENT

The static pile load test work will be measured by the number of load tests satisfactorily performed in accordance with the specification.

BASIS OF PAYMENT

The unit price bid for a static pile load test shall include the cost of all labor, materials, and equipment necessary to satisfactorily complete the work.

Contractor Designed Micropiles that are tested and fail to meet the acceptance criteria will be rejected. No payment will be made for the Static Pile Load Test or for the test pile.

Design Provided Micropiles, Drilled Shafts, or Driven Piles that are tested and fail to meet the acceptance criteria will be rejected. However, payment will be made for the Static Pile Load Test under Item 551.5022--17 and for the installation of the micropile/shaft/pile under its respective item.