

Method for reinforcing soil foundation using soil-cement piles, in which soil is removed from foundation to form borehole at the installation site of soil-cement pile, removed soil is placed in container for soil mixing, cement and water are added to container to uniformly mix soil and form soil-cement, and soil mixed with cement is placed into the initial borehole to form soil-cement pile. When placing excavated soil in soil mixing container, an analysis of subgrade soil, its physical properties, and particle size distribution is conducted with the possibility of determining the composition of soil-cement piles.