

A Strong Foundation for Infrastructure

Public infrastructure components like roads, water mains, bridges, and transmission towers all need a strong foundation.

ASTM standards help engineers make good decisions about the stability of the ground under critical infrastructure — reducing costs and ensuring safety.

How stable is the land under that new transmission tower? D2166/D2166M provides critical soil strength data.

Drilling and sampling according to ASTM standards helps field technicians make sure that soil, rock, and groundwater are stable enough to support a proposed structure.

What are the load requirements for the piers under that new bridge? Standard D1143/D1143M helps determine load deflection behavior.

In the lab, ASTM tests describe properties like soil compaction, density, texture, particle size, and more.

Is the earth below the planned road solid enough for paving? D6938 helps measure compacted soil subgrade density.

Before digging, how do engineers find out what's hidden underground? The equipment used in D6432 helps investigate subsurface conditions.

