

EM-1110-1-1905 Bearing Capacity of Soils

Author(s):	USACE
Publisher:	USACE
Year:	1992
Links:	PDF, USACE Publications
Subjects:	Geotechnical, foundations
Size:	196 pages, 1.49 MB

CECW-411 Engineer Manual 1110-1-1905	Department of the Army U.S. Army Corps of Engineers Washington, DC 20315-1000	EM 1110-1-1905 30 October 1992
	Engineering and Design	
	BEARING CAPACITY OF SOILS	
	Distribution Restriction Statement Approved for public release; distribution is unlimited.	

This manual presents guidelines for calculation of the bearing capacity of soil under shallow and deep foundations supporting various types of structures and embankments. This information is generally applicable to foundation investigation and design conducted by Corps of Engineer agencies.

Principles for evaluating bearing capacity presented in this manual are applicable to numerous types of structures such as buildings and houses, towers and storage tanks, fills, embankments and dams. These guidelines may be helpful in determining soils that will lead to bearing capacity failure or excessive settlements for given foundations and loads.