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(January 3, 2006)  
If unsatisfactory foundation material, as determined by the Engineer, is encountered for placing bridge footings, the foundation material shall be excavated below the footing, and the unsatisfactory material replaced with gravel backfill for foundation Class A, or lean concrete, except, when the maximum design soil pressure is greater than five tons per square foot, lean concrete only shall be used for replacing the unsatisfactory material.

Lean concrete shall meet the requirements of Section 6-02.

The unsatisfactory material shall be removed to a maximum of 3 feet below the bottom of the footing elevation, unless the Engineer directs the Contractor to excavate deeper. Excavations greater than 3 feet below the bottom of the footing may require redesign of the footings and columns, for which the Engineer will furnish revised plans.