Accelerated Soil Compaction

Rolling Surcharge Accelerates Soil Compaction

A surcharge is a pile of earth whose weight serves as a load to accelerate the compression of softer soils beneath a construction site. This compression reduces or eliminates the settlement of any structure subsequently built at the site. Under some circumstances, soil is added to the earth pile on one end and removed from the pile on the opposite end. This causes the surcharge to be shifted, or rolled, across the site being treated.

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