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Test Investigation of Expansive Soil Engineering Characteristics of He - Liu Expressway

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Abstract: Expansive soil is distributed widely along He - Liu expressway. The comprehensive evaluating indicators of the expansive soil on engineering characteristics, such as mineral components, the basic index of physical appearance, the compacted property, swell - shrink characteristics and strength and so on, are obtained by spot sampling and laboratory tests. The optimum moisture contents of weak and medium expansive soils are determined under the different compacted power. The reliable evidence is provided for the scientific improvement in expansive soil area.

Key words: expansive soil; physical indicators; compacted property; swell - shrink characteristics; strength

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简讯:

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接教育部《关于下达 2007 年度教育部工程研究中心建设项目立项计划》的通知, 我校雷晓燕教授主持负责的《铁路环境振动与噪声》项目, 已在教育部工程研究中心正式立项。