



Geotechnical Engineering Research Study

By Saadeldin, Ramy

Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | Performance Evaluation and Numerical Modeling of Embankment over Cement Stabilized Soft Clay | This Geotechnical Engineering Research Study is prepared to cover the most recent design approaches of highway embankments over soft soils. We feel that there is a need for a more detailed study for advanced construction methods on chemically improved soils to avoid excessive failures of engineering facilities. Mass stabilization of soft clay by mixing with cement is a relatively new ground improvement method for soft clay soil layers. Soft clay generally have low strength. The reduction in strength and stiffness of soft clays causes bearing capacity failure and excessive settlement. These materials may also change chemically and biologically with time. Frequently, these clayey soils cause cracking and breaking up of pavements, railways, highway embankments, roadways. In Geotechnical Engineering, it is challenging to improve the Engineering characteristics of soil so that the stability and serviceability requirements can be met. This research Study focuses on evaluating the performance of road embankment constructed on cement stabilized soft clay. | Format: Paperback | Language/Sprache: english | 165 gr | 220x150x6 mm | 112 pp.



READ ONLINE
[3.12 MB]

Reviews

Complete guideline for pdf fanatics. I could possibly comprehend everything out of this created e pdf. You can expect to like just how the writer compose this pdf.

-- **Nya Kunde**

Complete guideline for ebook enthusiasts. It really is loaded with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Delilah Hansen**