

摘 要

随高层/超高层建（构）筑物、地铁工程、大型管道工程等的出现，工程基坑的开挖深度不断加深、规模也愈来愈大，致使基坑安全问题成为我国工程建设事业当中最值得重视的方面之一。为保证在整个基坑工程期内所有环境设施的稳定性与安全性，必须在对基坑工程制定详细的监测方案后，进行严格有效的变形监测。

本文内容共分为三章进行阐述，前两章是作为对后文的铺垫，主要是对基坑变形监测的知识要点进行一定概括简述。第三章为本文重点，以位于青岛市城阳区水岸豪庭基坑边坡变形监测项目为实例，对其制定完整具体的基坑变形监测方案设计，设计监测项目为基坑围护结构及其周围、地下环境设施，以达到及时向设计、施工、建设、监理等单位反馈监测结果，实施信息化施工的目的。

关键词：基坑；变形监测；沉降观测；沉降曲线图

ABSTRACT

With many countless high-rise, super-tall structures and buildings in content, the subway engineering, large pipeline engineering arising at the historic moment. To the same time, engineering foundation pit excavation depth more and deep, scale are also increasingly large. On the security problem of foundation pit construction in China were has become one of the most notable career .To ensure that the foundation pit engineering period in all the stability of the environment facilities and security,must the detailed work to complete monitoring scheme of foundation pit, after strict and effective deformation monitoring.

The article content is divided into three chapters is expounded, the first two chapters are later under preparation, which is mainly to the foundation pit deformation monitoring knowledge points are certain briefly summarized. Chapter three is the focus of this paper. his part is focused on the content of located in the central business of Qingdao Chengyang district Shuianhaoting Building deep foundation pit bracing engineering complete specific deformation monitoring scheme design. To set to complete the concrete foundation pit deformation monitoring solution design. Design monitoring project for pit supporting structure and its surrounding, underground environment facilities, order to reach to the design, construction, construction, and supervision unit feedback monitoring results, the purpose of the implementation of the information construction.

Key words: excavation; deformation monitoring; Settlement observation; Settlement curve

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/475323200121011043>