

SUMMARY :

During each transport buildings are used embankments, therefore it is important to carry out a detailed geological survey. The task of the survey is to determine the soil properties (soil) for such embankments, bridges and other objects depend on the load. For many objects is undesirable reduction embankment over time, this phenomenon is mainly caused by the consolidation of underlying layers.

Parameters find out from the engineering-geological survey is calculating for better prediction of settlement which is based on the value of consolidation. In the following monitoring is measured by change in soil elevation relative to a reference point. These values are further processed and compared with the calculation. Main aim of this work is to unify the addiction values of loading, settlement and time for 90% consolidation.