

## **ABSTRACT**

The availability of adequate infrastructure is needed in support of various economic activities, industry, and social activities in the community. One important aspect to support these activities is the development of road infrastructure. To improve the service and provision of transportation services, currently the Province of DKI Jakarta is building Project 6 Toll Road In Jakarta. The research on this project, especially in section A Kelapa Gading - Pulo Gebang is a phase 1 construction whose work starts from STA 21 + 881 to STA 31 + 168. Start point from West Boulevard Road and ends on Bekasi Raya Road. Because the project uses the overpass construction its work must meet technical requirements and specifications. Quality management needs to be applied, considering that the infrastructure will be used by many people. Structural work being done and observed research is foundation work. To prevent the failure of the foundation, it is necessary to take a strategic step in the construction stage while to be able to guarantee the quality of the foundation piles (quality assurance) that have been embedded need to meet two main aspects of the axial bearing capacity of pile and pile integrity. This study raises topic the quality management of foundation work on the project so that in deepening the problem, research is done by direct observation peroses work and conducting structured interview. There are 5 kinds of work the implementation of bored pile and 4 foundation testing methods. From the results of observation and interview the results are expected to be used as an action or evidence-based decision making, thus the results of research can be used as a quality assurance program foundation work.

Keywords: Foundation quality management, terms and specifications, bored pile execution, test methods, evidence-based decision making, quality assurance.