

## **ABSTRACT**

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### **METHOD OF IMPLEMENTING BORED PILE FOUNDATIONSS IN TENDJO STATION**

*This Professional Work Report is compiled based on the experience of the intern in carrying out professional work activities on the Tenjo Station Flyover Project managed by PT Multi Karya Berdikari. This project focuses on the work of the lower structure with the bored pile foundation method. This Professional Work aims to provide practical experience to students of Universitas Pembangunan Jaya in applying the theories they have learned during lectures to the real world of work, especially in the construction sector.*

*During the implementation, the intern studies and is directly involved in the stages of bored pile foundation work, starting from site preparation, installation of temporary casing, drilling process, reinforcement, to casting. In addition, various tests are also carried out to ensure the quality and bearing capacity of the foundation in accordance with the established technical standards. The intern is also involved in coordination with various parties, such as contractors, consultants, and subcontractors, which are an integral part of the smooth implementation of the project.*

*The Occupational Health and Safety (K3L) aspect is an important focus during this activity, where the intern learns the application of safety standards in the field through routine activities such as Safety Morning Talk and Tool Box Meeting. Good K3L implementation has been proven to minimize the risk of work accidents and ensure work comfort in the project environment.*

*This professional work also presents challenges in the form of technical obstacles, such as the presence of underground utilities, electric poles that interfere with the work of heavy equipment, and limited materials. These obstacles provide valuable lessons for practitioners in analyzing problems, coordinating with related parties, and finding the right solutions to keep project progress according to plan.*

*Through this experience, practitioners not only gain a deeper understanding of the bored pile foundation implementation method but also improve their skills in managing construction projects as a whole. This program provides an opportunity to integrate academic theory with field practice, thus creating a strong foundation for future professional development.*

**Keywords:** *bored pile foundation, construction, professional work, implementation method, Occupational Health and Safety (K3L).*