

ABSTRACT

Metoda Pelaksanaan Pondasi *Bored Pile*: Pembangunan *Fly Over* Jalan Sudirman-Tuanku Tambusai Pekanbaru

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Field Industries (PLI) is also a pre requisite for student courses in Civil Engineering D-3 UNP to complete lecture. During the PLI concerned students work performed in the field and find that there are interesting findings on Development Projects Fly Over Jalan Sudirman, PekanbaruTambusai lord to be a case study. Interesting finding which the authors make the case study is "Implementation Methods Bored Pile Foundations".

The use or the use of bored pile foundation is intended to prevent structural damage to buildings around the project, because the project is located in the middle of urban areas. Bored pile used is the depth of 28 meters and a diameter of 1.2 meters at all points of the foundation. In the pile cap / footing abutment bored pole and there are 8 on the pier, there were 13 bored pile. The initial stage of work drilling holes to a depth of foundation that has been planned and accompanied by the installation of bored pile reinforcement using BJTD 25 for there inforcement of principal and BJTD 13 for spiral reinforcement. Before reaching the desired depth to do the installation and use of substances bentonite and casing which flowed into the foundation hole to prevent collapse of the foundation hole. Appointment of reinforcement into the foundation hole made with the help of a crane, then do the casting with the quality of concrete K-300 with the aid of a tremie pipe or line where the entry of ready mix concrete into the foundation hole.

In the implementation of Bored Pile foundation work is the crucial result of the work is at the time of casing, because at this stage that will determine the good or bad quality of the foundation. The point one ach job must be done by executing any who are experts or experienced and always done over sight to avoid mistakes on the job.