

ABSTRACT

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Pile cap Work Implementation Method for Toll Corridor Development Phase 2 and 3 Taman Mini Project.

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(XV + 72 + Attachments)

Internship is a lecture activity carried out by students at a specific construction project location within a specified time period. The purpose of the internship is to understand the organizational structure, understand the obstacles and solutions in the field, understand the function of the tools used and understand the method of implementing pile cap work. The Toll Corridor Development Phase 2 and 3 Taman Mini Project is located in Pinang Ranti, Makasar District, East Jakarta City, Special Capital Region of Jakarta. This project will build retail and hospitals with a building area of 54,565 m² and a height of 38 m. The type of contract used is lumpsum with a contract value of Rp. 229,492,180,000.00. This construction has an estimated implementation time of 420 days or 15 months and has a maintenance period of 365 days or 12 months. The method of implementing pile caps is preparation work, measurement and marking, excavation according to the planned elevation, sand filling and work floor, formwork work, reinforcement work and pile cap casting.

Keywords: Construction, Pile cap