

ABSTRACT

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Method of Implementation for the Lane Expansion of the Serang Barat – Cilegon Timur Toll Road Section

To enhance competency performance as a student of the Civil Engineering Study Program at Universitas Pembangunan Jaya, a specific requirement that must be fulfilled is the completion of the Professional Work (KP) course. This mandatory course aims to prepare students to face the professional world effectively by implementing theories learned during lectures in practical fieldwork. On this occasion, the student had the opportunity to undertake Professional Work on the Third Lane Expansion Project of the Serang Barat – Cilegon Timur Section of the Tangerang – Merak Toll Road, spanning a length of 10 km. The Professional Work was carried out under the supervision of PT. Mitrapacific Consulindo International as the Supervisory Consultant. The student had the opportunity to work on Lean Concrete and Rigid Pavement tasks. During this activity, the student worked under the supervision of a Quality Engineer to learn about the processes involved in Lean Concrete and Rigid Pavement work. The learning process included understanding construction drawings, installing formwork, and performing concrete casting. Additionally, the student gained knowledge and insights into effective work methods that comply with applicable standards.

Kata Kunci: *Lane Expansion Project of the Serang Barat – Cilegon Timur Toll Road Section, Implementation Method*