

## ABSTRACT

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### **QUALITY CONTROL OF FLEXIBLE PAVEMENT WORK ON STRATEGIC ROAD IMPROVEMENT PROJECTS IN THE PROVINCE OF THE SPECIAL REGION OF JAKARTA IN ACCORDANCE WITH BINA MARGA STANDARDS (HOTMIX RASUNA SAID ROAD WORKS 2023)**

*This Professional Work Activity is carried out to provide real experience for students to experience firsthand the conditions when working in the world of civil engineering. Professional work will be carried out in August 2023 – December 2023. Asphalt Mixing Plant PT. Jaya Konstruksi Manggala Pratama is a place for practitioners to carry out professional work. Professional work is carried out by following directions from external supervisors in getting to know the world of work, starting from researching samples that will be used in asphalt, getting to know the tools and facilities used in making and deploying asphalt at the work site, getting to know the work organization at the place where the practitioner does professional work, and implementation of professional ethics, and Occupational Safety and Health. In carrying out professional work, practitioners carry out professional work in asphalt laying on Rasuna Said Road, Jakarta. After the practitioner carries out professional work in laying asphalt on Rasuna Said Road, the practitioner also checks the asphalt according to the standards provided by Bina Marga. Practitioners will prepare this report in sequence starting from the procedures for testing the materials and asphalt used to make samples for the Jalan Rasuna Said repair project and the test results, the process of laying asphalt on Jalan Rasuna Said, and checking the specifications of the asphalt used to compare with the Bina Marga standard specifications.*

**Keywords** : Flexible Pavement, Asphalt, aggregate, Bina Marga