

## **ABSTRACT**

Abdul Rohman, 10320004

*Project Pavement Reconstruction And Road Markings On The Jakarta Bogor – Ciawi Toll Road Section 2023.*

*Case Study: Method of Implementing Rigid Pavement Work at Ciawi Toll Gate 2 B/L1 Sta. 41+200*

*Civil Engineering Department. Faculty Of Civil Engineering And Planning.  
Gunadarma University.*

*(xv + 81 +Appendix)*

*The Pavement Reconstruction and Road Markings Project on the Jagorawi 2023 Toll Road is aimed to renew and improve the condition of the toll roads connected Jakarta, Bogor and Ciawi initiated by PT. Jasa Marga Tollroad Maintenance acts as the project owner and PT. Eskapindo Matra acts as a supervision consultant, as well as KSO PT. Puja Persaka – PT. KADI International as the main contractor of the project. This project is focused to improve pavement, road markings and related infrastructure in order to increase the safety and comfort of road users. The implementation method used is the Unit Fix Price with a total contract value of Rp. 40,884,349,170 with an estimated duration of 240 calendar days or around 8 months. The main focus of the project's observations was carried out at the Ciawi Toll Gate 2 B/L1 Sta. 41+200 which includes the preparation of the work area, earthworks, sub drain, foundation layer, rigid pavement, as well as the finishing stage. This reconstruction is expected to renew the overall condition of the Jagorawi toll road with a significant increase, and can provide benefits for both road users and smooth regional mobility.*

*Keywords: Reconstruction, Implementation Method, Rigid Pavement*