

## **ABSTRAK**

### **EVALUASI KELAYAKAN DAN PENINGKATAN KINERJA JALAN LINGKAR KUDUS**

Jalan Lingkar Kudus merupakan jalan arteri primer yang menghubungkan lalu lintas dari ibukota provinsi Jawa Timur yaitu Surabaya menuju Ibukota Provinsi Jawa Tengah yaitu Semarang. Jalan lingkar ini dibuat dengan tujuan mengalihkan lalu lintas kendaraan tanpa harus melewati kawasan perkotaan sehingga mencegah terjadinya kemacetan di kawasan tersebut. Pembangunan jalan pertama kali dimulai pada tahun 1997 dan telah mengalami beberapa kali perbaikan atau peningkatan jalan. Di usianya yang semakin tua, diperlukan evaluasi terhadap kinerja lalu lintas, geometri jalan, perkerasan, saluran drainase, dan fasilitas pelengkap seperti lampu penerang, marka, dan rambu lalu lintas. Hasil dari evaluasi diharapkan mampu meningkatkan kualitas jalan dalam melayani pergerakan lalu lintas.

Kata Kunci : Kudus; kinerja; geometri; perkerasan; drainase; lampu penerang; marka; rambu.

## **ABSTRACT**

### ***Feasibility Evaluation and Performance Improvements of Kudus Ring Road***

*Kudus Ring Road is a primary arterial road that connects traffic from the provincial capital of East Java's Surabaya to the provincial capital of Central Java's Semarang. This ring road was established with the purpose to redirecting traffic without having to pass through the urban area, so it can reduced the traffic jam. First construction was started at 1997 and has several repairs or improvements. At an early age getting older, this ring road needs an evaluation for many fators such as traffic performance, road geometry, road pavement, drainage channel, and complement facility such as light lamp, road marker, and traffic's signs. The results of the evaluation are expected to improve the quality of this ring road in serving the traffic movements.*

*Keywords : Kudus; performance; geometry; pavements; drainage; light lamp; marker; sign.*