

***THE ROAD MANAGEMENT WITH THE INFORMATION SYSTEM OF ROAD
(CASE STUDY: THE MANAGEMENT ROAD NETWORK IN SRAGEN DISTRICT)***

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ABSTRACT

Roads represent the very important in transportation, aim to overcome the traffic from a place to other place. The road management needed to take care of a period of service road as according to age plan and strive the condition, road can serve the traffic current safely, economic and balmy. Joint streets in Regency Sragen form a network pattern very complex. Joint streets of Regency Sragen amount to 416 internode longly 992,20 km residing in town and outside town. Limitation of fund and human resource, road to need an inwrought management system. With many its joint and road length managed by local government, hence needed a system providing information about road, type and handling priority which can be obtained quickly and accurate.

The Information System of Road (SIJ/Sistem Informasi Jalan) being based on internet (under web) developed by requiring software (PHP, Mysql, Apache, and ARC GIS), hardware (computer and network internet) and information data. SIJ designed by presenting 2 interface that is for users (organizer roads and consumer of road) and admin (organizer road). Organizer roads get to the information of type and handling priority road the system designed by requiring data input in the form of condition assessment road in field.

Application SIJ quicken the information attainment about network road the type and handling priority can be done precisely and quickly. SIJ provide the support in the form of data source/information needed by decision taker with the amenity in obtaining accurate recent information and on schedule. Application SIJ at condition assessment some of accurate joint streets give the information that P Mangkubumi street take possession of the highest priority (value -3,59) in handling which is in the form of improvement. While Pelemgadung-Ngarum street get the handling priority most under (value 2,87) in the form of routine conservancy.

Keywords: Management, Information, road.