

LAPORAN PROJEK TAHUN AKHIR  
KURSUS DIPLOMA LANJUTAN KEJURUTERAAN AWAM  
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ACCIDENT STUDY FOR KUANTAN TOWN

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## SYNOPSIS

Motorvehicle accident have become a major problem in recent years, causing death, injury and property damage. In order to ascertain the magnitude of the problem in hand, comparison of rates between the national figure and findings of other researches to that of Kuantan is made. The study area, areas under the jurisdiction of Kuantan Municipality incorporate the CBD area as well as radial routes and links.

Analysis of one year data (1985) was conducted to investigate the factors in the occurrence and examine the characteristics of the accidents. This analysis, in general, zonal and by specific locations, reinforced by supplementary surveys and ingenuity as reported by other researchers are made the basis of recommending improvements.

Several recommendations have been forwarded on the expectation that it will influence a reduction in the high rates of accident that are found in Kuantan.

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CHAPTER ONE : INTRODUCTION

Traffic accident rates (as noted by Turner and Thomas, 1986)<sup>1</sup> have several important and distinct use within the framework of evaluating the performance of a transportation system. Their use have been among others;

- \* for comparing the national and international accident statistics
- \* for identifying accident 'blackspot' or problematic length of road
- \* for evaluating before - and - after certain improvement that have been implemented
- \* for evaluating and appraising alternatives among the schemes.

Within the national framework, accident rates have been an issue of prime importance as they resulted in injury or even death and significant loss in property. Urban centers in Malaysia generally have significantly higher rate of accident per thousand person than in rural areas. This is rather obvious as more people and vehicle - ownership