

**CENTRE OF STUDIES
BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING
AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**STRATEGIC PARKING MANAGEMENT
SYSTEM**

**NORAINI BINTI MOHAMED ZIN
(2010815378)**

Bachelor of Building Surveying (Hons)

July 2012

ACKNOWLEDGEMENT

First and foremost, I would like to record my gratitude to En.Ahmad Sharim B. Abdullah as my supervisor for his supervision, advise and guidance from the very early stage of this research as well as giving me this extra ordinary experience throught the work. Above all and the most neede, he has provided me so much encouragement and supports me in various ways.

I would aalso like to acknowledge En. Bad Saibi from Department of Law and Enforcement of MPM that is responsible to manage the parking in Bandar Muar for he willingness to spend his precious time to give all informaion and assistance needed toachieve the objective of the study conducted. Thank you for the kind help.

Futhermore, I would like to thank all my friends for assisting me in my research. I would like to thank my parents for their never ending support, spiritually and financially to ensure the succues in my study.

Finally, I would like to thank everybody who was important to the successful realization of thesis and I also extend my regards to all of those who supported me in any during the completion of the project.

ABSTRACT

Parking facility can be considered as part of planning requirement that can affect development scheme as a whole. The increases of population, paralel with the increasing of road users lead to parking concerns, especialy in Muar Johor. Insuffiecient car park and congested traffic occured in that area, and the study keen to conduct a research to identify the factors that contribute to the problem. Therefore, parking should always be well manage with the strategic parking management system. The author will investigate the parking management system at Muar town from planning, organising and controlling point of view. The demand for property in Muar is increasing, but with problems of lack of parking space and congested area can change property buyers decision. As a result of the review of literature several authors previously found that, there are several factors that contribute to parking problem in Muar area, and public behavior and the poor management at Majlis Perbandaran Muar are two major concerns that the study will focus on. The objective is to study the Parking Management System, to identify the parking problem in Bandar Muar, to evaluate the feedback and response among community regarding to parking issue in use, to give suggestion or recommendation in problem occurs. Bandar Muar (Johor) was selected as the study area due to the many complaints received by the Majlis Perbandaran Muar (MPM). The data obtained through observation, interviews and questionnaires of the officers and staff council and users who frequently use the parking facility in Bandar Muar. The findings of this study have found that the parking management system in Bandar Muar under the local authorities are still moderate. Suggestions are made to improve the parking management system of local authorities to ensure the parking management system at a higher level.

TABLE OF CONTENT

CHAPTER 1.0: INTRODUCTION

1.1 Preview	1-2
1.2 Issue and problem statement	3-5
1.3 The objective of study	6
1.4 Scope of study	6-7

CHAPTER 2.0: PARKING MANAGEMENT

2.0 Prologue	8
2.1 What is Management?	9
2.2 What is Parking?	9-10
2.3 Parking Management	10-11
2.3.1 Method of Parking Management	11-14
2.3.2 Parking Management Principle	14-15
2.3.3 Parking Management Benefits	15-16
2.4 Parking Management Strategies	16
2.4.1 Shared Parking	17-18
2.4.2 Parking Regulation	18-19
2.4.3 More Accurate and Flexible Standards	20
2.4.4 Parking Maximums	21
2.4.5 Remote Parking and Shuttle Service	21
2.4.6 Smart Growth	22
2.4.7 Walking and Cycling Improvement	23
2.4.8 Mobility Management	23-24
2.4.9 Parking Pricing	25
2.4.10 Improve parking pricing method	25-26
2.4.11 Parking Tax Reform	26
2.4.12 Bicycle Parking and Changing Facilities	27
2.4.13 Improve User Information and Marketing	27



CHAPTER 1.0

INTRODUCTION

1.1 Preview

Parking is provided in a planned space as a place to Cars Park or other vehicles. Parking is not in a new phenomenon, according to the history of the parking facility to have started in the early 1920s and all the parking was located in urban centres used by the wealthy in order to protect their vehicles paint. That means the parking was more of a covered parking. In the 1950s appearance of the parking area has been changed from covered to open to save cost and consistent with changes in the structure and design of the car at that time. In the 1960s until now ticket system was introduced (*George A.Derlin,1983*).