

# DESIGN OF A PARKING LOT

by

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**Project Report**

submitted to

**the Department of Civil Engineering**

**of the Higher Technical Institute**

**Nicosia - Cyprus**

**in partial fulfillment of the requirements**

**for the Diploma of**

**TECHNICAL ENGINEER**

in

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People now a days are more demanding than before, so better design procedures should be need. This is a result of better living standards. The wealth brings out the need for a more comfortable life than before . That means that we have more cars on streets because can make our life easier.

But that is were we have the problem. Contrarn to the number of cars that increased very much the roads remain the same or might grow a little bit. But even that growth is not enough and the problem remains.

Also the city might have been designed wrong, or it might change. Were are shopping centers areas; That is where we need parking spaces. And that is why the planners role is very important. (town planning permit parking areas).

We must also know that the transportation is very important to the society. With transportation there is a social development, an economic development, an education development, health development also resources can be found easily and also recreation. As a result of the population increase is the growth of cities and nowadays we have a lot of outskirts shopping centers. This might help us.

We can also say that the need for modern parking facilities is necessary.

To eliminate the use of parking spaces and that means to need less parking areas we must find a way for the people not to use their own cars and use lets say buses, taxis or any other kind of transportation just like London. This is an extreme case but we can give reasons and improve our buses so that the people use more than now the buses.

Another problem we have is that a lot of people need parking spaces for a little time about 5-30 minutes and must do until he find a parking space. The go around time one needs to find a parking space is more than the time he needs the parking space. As result of that might be to park where one finds a place for our car even at the side walks or on the road.

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