

HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING COURSE

DIPLOMA PROJECT

TRAFFIC ANALYSIS
OF STROVOLOS AREA

C / 623

DESIGN BY:

ANTONIS MARCOULIS

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SUBMITTED BY

Antonis Marcoulis

PROJECT SUPERVISOR

Mr Kathijotes Nicos

OBJECTIVES:

- To define all conflict points, intersections and the volume of a now a days traffic, including general traffic problems.
- To define disadvantages and imperfections of today traffic network.
- To illustrate various methods that ease traffic flow at an intersection, to make introductions and plans about traffic analysis (of Strovolos area).
- To suggest specific and corrective method that will be applicable for the intersections under examination, or to make introductions for the development of a more general policies concerning traffic matters.

C H A P T E R _ I _

1. GENERAL INTRODUCTION TO THE COURSE:

Strovolos is situated south - west of Nicosia town. It is the biggest municipality and third in size having a number of population around 65.000 people.

Until the first decade of the century Strovolos was just a village with population about 1.300 residents.

Strovolos has started to change after the second World War. Electric services, asphalted roads and new houses started to be built.

New population blast has been made after the turkish invation when the refugees moved to the southern part of Cuprus. The Government built new houses to cover needs of refugees and Strovolos provided land for this development.

The increase of population caused the lack of control in building development thus resulting to serious traffic problems such as:

- a) Usage of the central network of limited capacity, for movements irrelevant to the old town.
- b) Lack of parking space.
- c) Overloading of the network of the old town especially during rush hours.
- d) Unsafe transportation , in general, or unsafe movement of people.

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