

DESIGN OF AN URBAN HIGHWAY

Project Report Submitted by

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ABSTRACT

The Urban Road which is designed in this study is the Makedonitissa Road, from Strovolos to Makedonitissa serving the International fair and Makarios Stadium.

VOLUME 1

THEORY:

Chapter 1 deals with the various features used in the geometric design of the road concerned.

Chapter 2 deals with the general considerations of the highway drainage design.

In Chapter 3 the elements as well as the materials for flexible pavement are described. Road Note 29 is used for the design of flexible pavement.

In Chapter 4 methods for the estimation of the earthwork quantities are given, as well as the total cost of the project is determined analytically in the Bill of Quantities.

MEASUREMENTS:

In Volume 1 measurements of horizontal, vertical alignment (longitudinal cross sections and transverse cross sections), earthworks and Bill of Quantities are included.

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