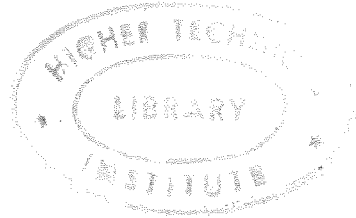


PRESTRESSED CONCRETE IN CYPRUS



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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

TECHNICIAN ENGINEER

in

CIVIL ENGINEERING

JUNE 1992



S U M M A R Y

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The purpose of this project, is the development of the basic understanding of the prestressed concrete principles. A special effort has been made to develop a clear, self - contained presentation, so that the project may be useful for everyone.

It is a theoretical approach based on the following subjects:

- Theory and general principles of prestressing and compare the reinforced with prestressed concrete theory.
- Discussion of the two prestressing methods named as PRETENSIONING and POST-TENSIONING and state the most popular prestressed systems.
- Presentation of the applications of prestressing in general.
- Presentation of the applications of prestressing in Cyprus with the aid of photographs.

This project is done with the help of different textbooks, with information taken from companies in Cyprus and other countries and with my own conclusion and observation after some visits to some construction areas in Cyprus.

C O N T E N T S

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ABBREVIATIONS - SYMBOLS - DATA