

DESIGN OF AT-GRADE JUNCTIONS IN
RURAL ROADS

by

Maria Koukouma

Project Report

Submitted to

the Department of Civil Engineering
of the Higher Technical Institute

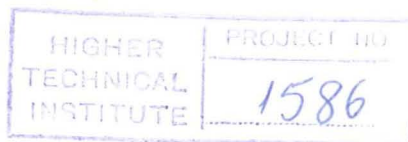
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TITLE

DESIGN OF AT-GRADE JUNCTIONS IN RURAL ROADS

Objectives

1. To give an account of the general considerations and objectives of design.
2. To give typical layouts, of at grade rural intersections and discuss their merits.
3. To give an account of capacity analysis of intersections.
4. To design an intersection improvement.

Terms of Conditions

1. The location of intersection to be improved, will be agreed with the projects supervisor.
2. No structural work will be required.

Student : Ms Maria Koukouma

Supervisor : Mr I Economides

External Assessor: Mr Ph Avraamides

SUMMARY

The present report deals with the design of rural At-Grade Intersections.

Several considerations and objectives have to be studied before designing an intersection.

The various types and layouts of at grade rural intersections and their merits are studied in this project. Also the various methods of capacity analysis of intersections are studied.

In the present report a general account of intersection improvement is given. The dangerous intersection of Tseriou Street with Pythonos and Heracleous is studied and several improvements are proposed, and the solution which fits best, in writer's opinion, is suggested.

C O N T E N T S

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