

Construction Contract Administration -
Guidelines for the Young Engineer

The project is geared for the graduate engineer to allow him to better understand and appreciate the overall engineering input to civil engineering projects.

The project looks firstly at the conceptualization of civil engineering projects, including the preliminary investigations, feasibility studies, funding and the preparation of the engineer's reports on various aspects of the project.

The design process is then examined followed by the preparation of the various contract documents. International forms of contract are examined and so too are those used in Trinidad's civil engineering environment.

Tendering procedures, contractor selection, and the process of the evaluation of tenders are then examined.

An examination of site organization and supervision of civil engineering projects follow. The topics covered include:

- scheduling and programming
- communication between Engineer/Client/Contractor records
- measurement and certification of work done
- variations and claims
- inspection of work done
- general site supervision

A case study of a civil engineering project was done. The study involved an examination of the contract documents and also the design process