Janthima Maneechotiwong 2006: A Study of Construction Coordination between

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Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor:

Associate Professor Santi Chinanuwattwong, Ph.D. 162 pages.

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The objective of this research is to study construction coordination between contractors

and government officials. The study is divided into two categories; principle of coordination and

problems and obstacles in construction process including step of planning and designing, step of

bidding, step of construction and step of project close out. The study emphasizes on frequency

and significance of problems and obstacles happened in construction. The data are collected from

21 projects by questionnaires and interviews answered by the contractors and government

officials.

The study shows that most contractors use principle of coordination with government

and have organization that clearly showed authorization and responsibility. The problems from

the contractors are project budget is not matched with bidding price, preparation of documents

that must be conformed to the contract and problem of system testing and correction as request

by the owners. The problem from most owners are that the project budget is not matched with

project and most owners' representatives have less knowledge and experience for supervising

and coordinating works. The suggestions from the owners are that the project budget must be

matched with drawings and specification. Most benefits of the contractors from good

coordination are to protect rework and help achieve the project objectives.

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Am Jours

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Thesis Advisor's signature