Case Study Analysis of Improving
Productivity rates for self-perform concrete

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Productivity is one of the most important aspects of a successful construction project, especially if the work is self-performed and not subbed out to another contractor. Usually the success of a project is directly correlated to how well the production has been throughout the course of the job. Often when a project manager notices their job isn’t doing well and not making their target profits or man hours, productivity is usually the answer to that problem. This paper will examine the different ways and methods of tracking production that was used by Overaa construction as well as new techniques other companies had success with.

The focus of this study is on the production rates of self-performed concrete that was done by Overaa construction on three different jobs: Jamieson Canyon Water treatment plant improvements, Sacramento Water treatment facilities, and Napas new pump station. This paper describes the different methods used for each job and compares each method with the success of the job. After comparing the three different tracking methods used by Overaa and after finding new methods used by other companies, there should be a definitive answer on which method to use when starting out in the construction industry.

Key Words: Productivity rates, Production, Self-performed, Concrete, Maximizing productivity