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LOS ANGELES CITY'S SECONDARY SEWER RENEWAL PROGRAM (SSRP)

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ABSTRACT: On October 2004, the City entered into a Settlement Agreement with several environmental groups and governmental agencies that mandated the City to increase, among other stipulations, its Secondary Sewer Renewal Program from 40 miles a year to 60 miles a year.

Due to the anticipated additional workload, the City incorporated several improvements in the design process to expedite the delivery of projects.

Standardized design methods and documents were developed to help the design engineers quickly achieve an optimum method of design. In addition, the City developed and implemented a customized software program that enabled the engineers to perform several functions simultaneously where traditionally they were done sequentially. This is made possible by the software showing several processes on the same screen. Some tasks that were done manually are now automated by the software. Additionally, a quality assurance/quality control process is included in the software to easily identify and correct errors and omissions.

The results of the City's approach have seen a noticeable increase in productivity.