



City of Dublin Storm Water System Maintenance Program (SSMP)

February 18, 2014

Project Summary

The project team created a comprehensive storm water system maintenance repair plan for the City of Dublin. Prior to the project, no such plan existed. By meeting with subject matter experts, reviewing city documents, and through field observations, the team was able to devise a solution for the city. It is expected that the plan will be tested as a pilot program and may be implemented as soon as 2014.

Project Goals

The primary goal of the project was to help the City of Dublin create a comprehensive maintenance repair plan for their storm sewer system. Such a plan would not only reduce the frequency and severity of storm sewer related incidents, it would also provide the city earlier notification of minor problems, such as faulty pipe seals or compromised pipes, before significant problems develop.

Project Methodology

During this project the team employed a wide array of project management and LEAN/Six-Sigma principles and techniques. Developing a maintenance plan required a clear understanding of all existing processes. The team spent multiple workdays with subject matter experts from the City of Dublin to develop an understanding of retention/detention ponds, catch basins, CCTV rovers and Vactor truck operations. Using this information, we developed process maps of the current state. After meeting again with the subject matter experts, we developed “future state” process maps to show the benefits inherent with implementing an ongoing maintenance plan. In addition current city policies and procedures were reviewed. Utilizing all the information gathered, the team developed the plan

Project Team

For more information about this project, contact team members:

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