

Village of Stanford
McLean County, Illinois
2009 Capital Project

PROJECT NAME: Stanford Sewage Collection System and Waste Water Treatment Plant (WWTP)
Stanford, IL

PROJECT DESCRIPTION: The Village of Stanford, IL has been in need of a formal collection system and waste treatment facility for some time now. Currently, there is no community waste collection system or waste treatment facility. The community handles their waste with individual septic tanks and seepage fields. However, there are an unknown number of septic tanks or homes that directly discharge waste into existing field tiles. The current waste disposal system is not a long-term solution that will be accepted by regulating agencies.

In recent years, the Village of Stanford has been examined different types of collection systems and waste water treatment plants. In 2004, Farnsworth Group, Inc. conducted a feasibility study on different types of collection systems and treatment facilities but the Village has not yet been capable of appropriating the necessary funds for a project of this size. The Village of Stanford is currently requesting financial assistance from the Illinois Department of Commerce and Economic Opportunity (DCEO) and the Illinois Environmental Protection Agency (IEPA) to help fund this project.

The collection system would involve the construction of approximately 25,000 lineal feet of sanitary sewer force main, approximately 30,000 lineal feet of service lines, approximately 300 low-pressure grinder pump units, and all manholes, valves and other necessary appurtenances to complete the system. The WWTP would include the construction of aerated primary and secondary lagoons, sand filters, and all additional piping, manholes, valves, meters, controls, and other necessary appurtenances to complete the system. The time of construction for this project is anticipated to span approximately 2 years.

This is a high priority for the Village, but funding limitations are a major concern. Funding a project of this size is an incredible task for any community.

COST ESTIMATE: \$ 6,250,000

LABOR REQUIREMENT: 30 man-years

PROJECT STATUS: The project design would begin in 2009. The project would be designed and ready for construction in the winter of 2010.