INNOVATIVE DRAINAGE AND WATER CONSERVATION SOLUTIONS

SURE-LOK® F477 FINDS NEW HOME IN AKRON, OHIO

HDPE PIPE MAKES SOLID FIRST IMPRESSION IN RESIDENTIAL DRAINAGE PROJECT

City officials in Akron, Ohio had been set in their ways for many years. Concrete and clay pipe was all they knew before a forward-thinking city councilman convinced them to try corrugated HDPE pipe on a residential drainage project in the spring of 2003. Thanks to Hancor, HDPE pipe made an impressive first impression.

"Up to then it was concrete or clay pipe - there was no need to even discuss it," said Hancor's Jim Milligan. "With budgets being pushed to the limit, city leaders have found a way to get better performance for lower total installed cost."

The City of Akron owns an easement in a fully developed residential area along Sourek Road. The project called for about 1,000 feet of 36-inch and 48-inch Sure-Lok F477 pipe to store the excess flow and prevent downstream flooding.

"Storm sewer and drainage problems have plagued that area for years," said the project's engineer Gene Hill of GPD Group, the firm that helped design the Landmax® retention/detention system to fit the site footprint. "After numerous complaints from residents, the city came up with the solution. In addition to minimizing the impact on land use, the underground system we designed eliminates the need for ponding and introducing an unnecessary mosquito-breeding habitat."

According to Akron City Councilman Bob Keith, duplicating the success at Sourek Road would be a welcomed change for many of the nearby residents, based on what he's heard (or hasn't heard).

"No one likes construction, and I didn't hear one complaint from residents about this project," Keith said. "What probably made them happy was that the project took so much less time. In a couple days they were in and out and it was done."

Keith added that the city’s budget benefited from the project as well. "Our savings on Sourek Road, based on other projects of this kind, is about $25,000," he estimated. "The time savings means we could accomplish more projects in a given year, and the cost savings benefits Akron overall."

Hancor Service: Hancor representatives and engineers are committed to providing you with the answers to all your questions, including specifications installation, backfill recommendations and more.