


*DeKalb County:
Water Transmission and Distribution
Systems*

Project:	Water Main Installation	
Client:	DeKalb County – Department of Watershed Management	
Location:	DeKalb County, GA	
Completion	Completed	

Objective: This project was initiated to install new transmission and distribution water mains.

In 2005, Metals & Materials Engineers (MME) was awarded an annual contract for the installation of water transmission and distribution mains throughout Dekalb County. In some cases, the existing system was undersized and inadequate to support recent developments; while other systems were old and composed of brittle asbestos-cement materials that posed a serious threat to the security and future continuity of the local water supply.



MME successfully installed over 30,000 linear feet of pipelines with associated appurtenances such as water meters, fire hydrants and valves. These normally intrusive installations were quickly and efficiently implemented with the minimum of impact to the local residents. A typical installation approach involved a “finished footage” approach where a day of production is considered finished when the open cut is filled back in, prepared and grassing installed.

Residents enjoyed this approach as the local waterways were not threatened by construction site runoff and their yards were not disrupted for extended periods.