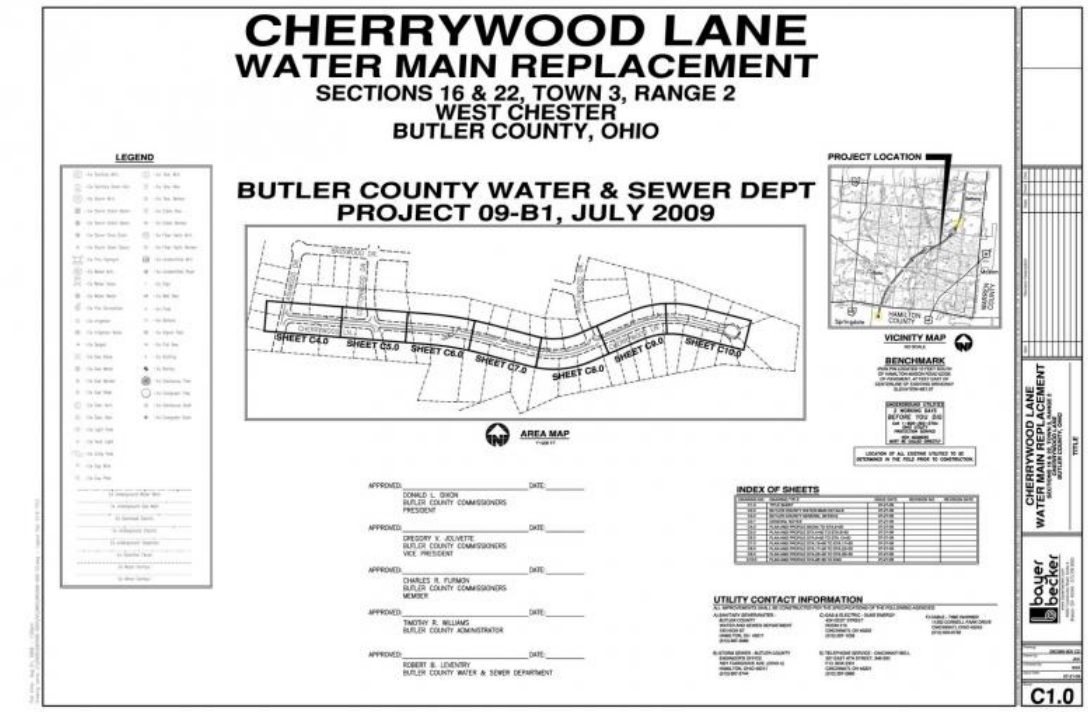
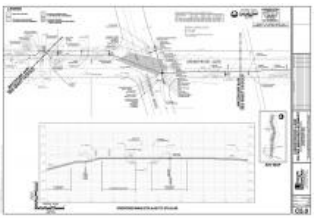
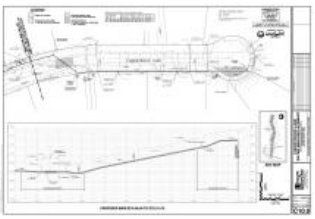
Cherrywood Lane Water Main Replacement
West Chester, OH







The existing 40 year old cast iron water main on Cherrywood Lane had become problematic for the County. The project featured both a replacement and upgrade to an existing 6” cast iron main. Frequent main breaks and service disruptions were common because of the main’s age and material. Bayer Becker’s design called for a new ductile iron 8” water main to replace the aging, problematic 6” cast iron. Bayer Becker’s design for the Cherrywood Lane water main project allowed for the new main to connect to the existing system during construction, yet still remain isolated for testing and disinfection purposes.

The first step in the design process involved surveying the entire 3,000 linear foot project to create a base map and establish property and right of way limits. Bayer Becker worked with the County to establish a preliminary alignment before finalizing the plan. Open cut versus jack and bore locations were identified and all existing homes were reconnected to the new main. Once the new main was approved for use, the old main was disconnected and abandoned permanently.

Project Stats	
Client:	Butler County Water and Sewer Department
Location:	West Chester, OH
Year:	2009
Market:	Water Supply Infrastructure
Project Size:	3198.00 Linear Feet - Pipe

Services Provided:

SURVEYING SERVICES

Right-of-way Surveys & Drawings
Topographic Surveys

CIVIL ENGINEERING SERVICES

Bidding Assistance
Construction Administration
Water Supply Infrastructure

LANDSCAPE ARCHITECTURE & PLANNING SERVICES

Contract Documents and Specifications