

# Wilson Middle School

## Hamilton, OH



### Project Stats

<b>Client:</b>	Hamilton City School District
<b>Location:</b>	Hamilton, OH
<b>Year:</b>	2009
<b>Market:</b>	<a href="#">Education</a>
<b>Project Size:</b>	25.00 Acres

### Services Provided:

#### SURVEYING SERVICES

Boundary Surveys  
Construction Layout & Staking  
Topographic Surveys

#### CIVIL ENGINEERING SERVICES

Erosion Control Planning, Permitting & Inspection  
Grading & Earthwork Analysis  
Storm Water Collection System  
Storm Water Pollution Prevention Plans  
Water Supply Infrastructure

#### TRANSPORTATION ENGINEERING SERVICES

Intersection Design  
Roadway Design

#### LANDSCAPE ARCHITECTURE & PLANNING SERVICES

Site Planning

Hamilton City Schools selected Bayer Becker to assist with modernizing and expanding their schools throughout the City. With the Wilson Middle School it was determined that the middle school building would be torn down with the exception of one wing that was added on to the original building in the 1980's. Existing parking lots were also demolished and reconstructed to improve the traffic circulation around the site. Existing sports fields were also relocated and improved to accommodate the improvements to the site.

As part of the addition and renovation project, long debated roadway improvements to Eaton Avenue were required to be addressed. Bayer Becker also incorporated "Safe Routes to Schools" recommendations provided by the City of Hamilton as part of the roadway improvements which included sidewalk reconstruction, crosswalk pavement striping, signage, relocation of overhead electric lines, and encasement of existing telephone conduits.

The site featured multiple utilities, some of which were obsolete and abandoned as smaller renovations were completed over the years. To determine locations of all the existing utilities, Bayer Becker reviewed construction drawings from the original building, expansion projects, and other record drawings as well as field markings. This information helped determine it would be more effective to replace and upgrade the services for the new construction. This information also helped determine how the newer utilities would service the remaining building.

Sustainable design components, such as water quality, were also included on the project. A wooded portion of the site featured a nature area, so to promote infiltration and native and wetland plant material growth, a water quality basin was constructed. This area could then serve as an additional area for environmental education programs for the school.